Forecasting and Visualization of Consumer Complaints

Objectives

- To forecast weekly average consumer complaint counts for each company across different states for the years 2023 and 2024.
- To assess and optimize the forecasting model's performance using historical data from 2019-2022. To visualize the distribution and intensity of consumer complaints across different demographics and timeframes using Tableau, enhancing improved insights for the companies across states and products.

Approach

- Data Preprocessing and Exploration:
 - Load and clean consumer finance complaint data and census data to ensure accurate analysis.
 - Merge datasets on ZIP codes to enrich the complaint data with demographic insights.
 - Conduct exploratory data analysis to identify trends and patterns in the complaint data. Modeling with Facebook Prophet:
 - Utilize the Prophet package to model non-stationary time series data effectively.
 - Train models to forecast future complaints, taking into account seasonal variations and trends identified in historical data.

Model Fitting and Forecasting:

- Time Series Forecasting: We experimented with ARIMA, SARIMAX, Facebook Prophet. We achieved best results with Facebook Prophet for time series analysis, which is ideal for handling daily, weekly, and yearly seasonality along with holiday effects, making it particularly suited for non-stationary data like consumer complaints.
- Data Resampling: The data was resampled to weekly counts to smooth out daily fluctuations and focus on longer-term trends, which are more useful for strategic planning.

Model Optimization and Evaluation

- Changepoint Detection: Prophet's flexibility in detecting changepoints allowed the model to adapt to abrupt changes in the time series data, enhancing the model's accuracy and responsiveness to shifts in consumer complaint behavior. Model tuning was done by adjusting the number and flexibility of changepoints using the changepoint_prior_scale and n_changepoints parameters to allow the model to fit more flexible trends.
- Cross-Validation and Performance Evaluation: We made predictions on a test set created by withholding the last '365 days' of data and comparing those predictions to the actual values. Best performing model was the one with lowest RMSE. This model's hyperparameters are considered optimal and used for making forecast for 2023 and 2024

Model Diagnostics

Model tuning done by increasing change point flexibility resulted in improvement in all three-performance

metrics.

• MAE: The forecast with the best performing model is, on average, off by about 1564.4 complaints, which is less than half the error compared to the previous model. This shows a better average accuracy in the forecasts.

- MSE: The best performing model shows substantial decrease in MSE indicates that there are fewer large errors in the forecast. Since MSE gives greater weight to larger errors (because errors are squared), a decrease in MSE is particularly meaningful.
- RMSE: The best performing model shows RMSE of approximately 2155.42 complaints, which provides an estimate of the standard deviation of the unexplained variance. It suggests that the forecasts are, on average, within this range of the actual values. The reduction in RMSE reflects a model that has improved in capturing both the magnitude and volatility of the actual data.

Inference from Forecast (cell# 90-96):

- The solid blue line represents the forecasted trend provided by the model. It shows a clear upward trajectory, suggesting an increasing trend in the number of complaints over time.
- The shaded blue area is the prediction interval, providing a range where future data points are expected to fall. This interval widens as we move into the future, indicating increasing uncertainty in the forecast the further out we go. Trend and Seasonality:
- The trend chart isolates the trend component from the model, removing the seasonal fluctuations and random noise. The consistent upward slope without any plateaus or dips suggests that the trend in complaints is steadily increasing without any periods of leveling off or decline.
- Seasonality chart within a single year, repeats cyclically. It appears that the number of complaints has regular patterns within a year—possibly lower complaints at the start and end of the year and peaks at specific times. This pattern suggests some regular annual events or behaviors that influence complaint numbers, maybe attributed to more service use or sales during certain seasons, leading to more complaints.
- To make the most of this forecast, it would be wise for companies to investigate the causes of both the
 trend and seasonal peaks. This could help in planning resources for customer service, product
 improvements, or marketing strategies aligned with the expected increase in complaints. Residual
 Analysis: We also evaluated the residuals of the forecasts to confirm that all significant information in
 the data was captured by the model, ensuring that the residuals displayed no systematic patterns and
 were distributed around zero.

Integration with Tableau

Best performing Facebook Prophet model is used to produce Forecast Average complaint counts data for Top 400 companies across all states. This data is integrated as Tableau dashboard. This dataset is used to build an interactive Time series dashboard with filters on State and Company.

```
In [14]: import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

```
In [ ]:
          df=pd.read_csv('C:\\Users\\Lenovo\\Downloads\\cfpb_data_with_clean_zip.csv')
In [31]:
          df.shape
         (2036509, 21)
Out[31]:
In [32]: # Converting format
          df['Date.received'] = pd.to_datetime(df['Date.received'], format='%m/%d/%y')
          df['Date.received'] = df['Date.received'].dt.strftime('%m-%d-%Y')
          # Replacing periods with spaces
          df.columns = df.columns.str.replace('.', ' ', regex=False)
          print(df.columns)
          Index(['Date received', 'Product', 'Sub product', 'Issue', 'Sub issue',
                 'Consumer complaint narrative', 'Company public response', 'Company',
                 'State', 'ZIP code', 'Tags', 'Consumer consent provided ',
                 'Submitted via', 'Date sent to company', 'Company response to consumer',
                 'Timely response ', 'Consumer disputed ', 'Complaint ID', 'zip_best',
                 'zip_three_best', 'zip_state_best'],
                dtype='object')
In [33]: df.columns
Out[33]: Index(['Date received', 'Product', 'Sub product', 'Issue', 'Sub issue',
                 'Consumer complaint narrative', 'Company public response', 'Company',
                 'State', 'ZIP code', 'Tags', 'Consumer consent provided ',
                 'Submitted via', 'Date sent to company', 'Company response to consumer',
                 'Timely response ', 'Consumer disputed ', 'Complaint ID', 'zip_best',
                 'zip_three_best', 'zip_state_best'],
                dtype='object')
In [34]: | df population = pd.read csv('C:\\Users\\Lenovo\\Downloads\\census data by zip.csv', encoding='ISC
In [35]: | df population.shape
Out[35]: (33774, 20)
In [36]: df population.columns
         Index(['zip', 'pop', 'pop_moe', 'pop_white', 'pop_black_or_aa', 'pop_ai_or_an',
Out[36]:
                 'pop_asian', 'pop_nh_or_opi', 'pop_other', 'pop_multiple', 'pop_hol',
                 'pop_not_hol', 'income_cnt_households', 'income_cnt_households_moe',
                 'income_cnt_households_with_earnings',
                 'income_cnt_households_with_earnings_moe',
                 'income_cnt_households_with_pub_assist',
                 'income cnt households with pub assist moe',
                 'income_mean_household_dollars', 'income_mean_household_dollars_moe'],
                dtype='object')
In [37]: | df['zip best'] = df['zip best'].astype(str)
          df_population['zip'] = df_population['zip'].astype(str)
          # Merging on 'zip_best' and 'zip'
          df_joined = pd.merge(df, df_population, left_on='zip_best', right_on='zip', how='inner')
          df joined.shape
Out[37]: (1800487, 41)
```

```
In [38]:
           df_joined.columns
           Index(['Date received', 'Product', 'Sub product', 'Issue', 'Sub issue',
                    'Consumer complaint narrative', 'Company public response', 'Company',
                   'State', 'ZIP code', 'Tags', 'Consumer consent provided ',
                   'Submitted via', 'Date sent to company', 'Company response to consumer', 'Timely response ', 'Consumer disputed ', 'Complaint ID', 'zip_best', 'zip_three_best', 'zip_state_best', 'zip', 'pop', 'pop_moe',
                    'pop_white', 'pop_black_or_aa', 'pop_ai_or_an', 'pop_asian',
                    'pop_nh_or_opi', 'pop_other', 'pop_multiple', 'pop_hol', 'pop_not_hol',
                    'income_cnt_households', 'income_cnt_households_moe',
                   'income_cnt_households_with_earnings',
                    'income_cnt_households_with_earnings_moe',
                   'income_cnt_households_with_pub_assist',
                   'income_cnt_households_with_pub_assist_moe',
                    'income_mean_household_dollars', 'income_mean_household_dollars_moe'],
                  dtype='object')
In [39]:
           df_joined.head(1)
Out[39]:
                                                                Consumer
                                                                            Company
                    Date
                                          Sub
                                                          Sub
                                                                                                           ZIP
                            Product
                                                                complaint
                                                                               public
                                                                                       Company State
                                                                                                                   pop_hol
                                                   Issue
                 received
                                      product
                                                         issue
                                                                                                         code
                                                                 narrative
                                                                            response
                                                                            Company
                                                 Trouble
                                                                                 has
                                                                                          WELLS
                                                 during
                                                                           responded
           0 12-07-2021 Mortgage
                                                          NaN
                                                                     NaN
                                                                                       FARGO &
                                                                                                    TX 78666 ...
                                                                                                                     36770
                                     mortgage
                                               payment
                                                                               to the
                                                                                      COMPANY
                                                 process
                                                                            consumer
                                                                            and the ...
          1 rows × 41 columns
In [24]:
           # Finding unique values
           unique_values = df_joined.nunique()
```

print(unique_values)

```
Date received
                                                            1491
         Product
                                                               9
         Sub product
                                                              48
         Issue
                                                              81
         Sub issue
                                                             166
         Consumer complaint narrative
                                                          598272
         Company public response
                                                            4934
         Company
         State
                                                              50
         ZIP code
                                                           20020
                                                               3
         Tags
         Consumer consent provided
                                                               4
                                                               7
         Submitted via
                                                            1560
         Date sent to company
         Company response to consumer
                                                               5
                                                               2
         Timely response
         Consumer disputed
                                                               0
         Complaint ID
                                                         1800487
         zip_best
                                                           18980
         zip_three_best
                                                             808
         zip state best
                                                              44
         zip
                                                           18980
                                                           13878
         pop
                                                            2912
         pop_moe
         pop white
                                                           12324
         pop black or aa
                                                            5324
         pop_ai_or_an
                                                            1420
                                                            3530
         pop_asian
         pop nh or opi
                                                             591
         pop_other
                                                            4227
         pop multiple
                                                            5165
         pop_hol
                                                            6169
         pop_not_hol
                                                           13347
         income cnt households
                                                           10054
         income cnt households moe
                                                            1177
         income_cnt_households_with_earnings
                                                            9019
         income_cnt_households_with_earnings_moe
                                                            1130
         income_cnt_households_with_pub_assist
                                                            3498
         income cnt households with pub assist moe
                                                             434
         income_mean_household_dollars
                                                           16748
         income_mean_household_dollars_moe
                                                           11107
         dtype: int64
In [25]:
         # Finding non-null values
         not_null_counts = df_joined.count()
         print(not_null_counts)
```

```
Date received
                                               1800487
Product
                                               1800487
Sub product
                                               1800394
Issue
                                               1800487
Sub issue
                                               1663744
Consumer complaint narrative
                                                724558
Company public response
                                                947499
Company
                                               1800487
State
                                               1800130
ZIP code
                                               1800487
Tags
                                                168966
Consumer consent provided
                                               1656267
Submitted via
                                               1800487
Date sent to company
                                               1800487
                                               1800486
Company response to consumer
                                               1800487
Timely response
Consumer disputed
Complaint ID
                                               1800487
zip_best
                                               1800487
zip_three_best
                                               1800487
zip state best
                                               1800487
zip
                                               1800487
                                               1800487
pop
                                               1800409
pop_moe
pop white
                                               1800487
pop black or aa
                                               1800487
                                               1800487
pop_ai_or_an
                                               1800487
pop_asian
pop nh or opi
                                               1800487
pop other
                                               1800487
pop multiple
                                               1800487
pop_hol
                                               1800487
pop_not_hol
                                               1800487
income cnt households
                                               1797075
income_cnt_households_moe
                                               1797075
income_cnt_households_with_earnings
                                               1797075
income_cnt_households_with_earnings_moe
                                              1797075
income_cnt_households_with_pub_assist
                                              1797075
income cnt households with pub assist moe
                                               1797075
income_mean_household_dollars
                                               1791428
income_mean_household_dollars_moe
                                              1791428
dtype: int64
```

TOP 10 COMPAINES WITH HIGHEST AVERAGE WEEKLY COMPLAINT COUNT 2022

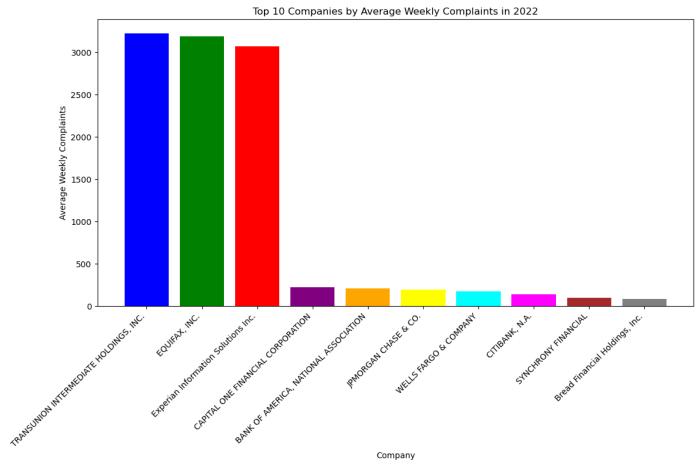
```
In [52]: # Filtering year 2022
df_2022 = df_joined[df_joined.index.year == 2022]

# Grouping complaints weekly
weekly_complaints_2022 = df_2022.groupby('Company').resample('W')['Complaint ID'].nunique().rese

# Calculating average weekly complaint count for each company
average_weekly_complaints_2022 = weekly_complaints_2022.groupby('Company')['Weekly Complaints'].

# Order to get the top 10
top_companies = average_weekly_complaints_2022.sort_values(by='Average Weekly Complaints', ascended)
print(top_companies)
```

```
Company
                                                        Average Weekly Complaints
               TRANSUNION INTERMEDIATE HOLDINGS, INC.
                                                                      3227.000000
                                         EQUIFAX, INC.
         1044
                                                                      3190.339623
                  Experian Information Solutions Inc.
         1108
                                                                      3068.471698
         512
                    CAPITAL ONE FINANCIAL CORPORATION
                                                                        222.962264
         367
                BANK OF AMERICA, NATIONAL ASSOCIATION
                                                                        210.981132
         1567
                                  JPMORGAN CHASE & CO.
                                                                        198.943396
         3033
                                 WELLS FARGO & COMPANY
                                                                        178.415094
         554
                                        CITIBANK, N.A.
                                                                        142.716981
         2552
                                   SYNCHRONY FINANCIAL
                                                                        96.509434
         469
                       Bread Financial Holdings, Inc.
                                                                         85.698113
         import matplotlib.pyplot as plt
In [53]:
         # top_companies DataFrame containing the top 10 companies
         colors = ['blue', 'green', 'red', 'purple', 'orange', 'yellow', 'cyan', 'magenta', 'brown', 'gra
         plt.figure(figsize=(12, 8))
         plt.bar(top_companies['Company'], top_companies['Average Weekly Complaints'], color=colors)
         plt.title('Top 10 Companies by Average Weekly Complaints in 2022')
         plt.xlabel('Company')
         plt.ylabel('Average Weekly Complaints')
         plt.xticks(rotation=45, ha='right')
         plt.tight_layout()
         plt.show()
```



Average Weekly Complaints count for each year

```
In [57]: | import pandas as pd
         # Average weekly complaints for each year
         def calculate average weekly complaints(df):
             # Group by company and count complaints weekly
             grouped = df.groupby('Company')
             def resample_fill(group):
                 return group.resample('W')['Complaint ID'].nunique().fillna(0)
             weekly_complaints = grouped.apply(resample_fill).reset_index(name='Weekly Complaints')
             average_weekly_complaints = weekly_complaints.groupby('Company')['Weekly Complaints'].mean()
             return average_weekly_complaints
         # Empty DataFrame
         results = pd.DataFrame(columns=['Year', 'Company', 'Average Weekly Count'])
         # Loop through each year
         for year in range(df joined.index.year.min(), df joined.index.year.max() + 1):
             df_year = df_joined[df_joined.index.year == year]
             average_weekly_complaints_year = calculate_average_weekly_complaints(df_year)
             average_weekly_complaints_year['Year'] = year
             results = pd.concat([results, average weekly complaints year[['Year', 'Company', 'Average Weekly complaints year]
         results.to_csv('C:\\Users\\Lenovo\\Downloads\\average_weekly_complaints_by_company.csv', index=F
         print("Results saved to average_weekly_complaints_by_company.csv")
```

Results saved to average weekly complaints by company.csv

```
In [58]:
         import pandas as pd
         # Average weekly complaints for each year
         def calculate average weekly complaints(df):
             # Group by company and count complaints weekly
             grouped = df.groupby('Company')
             def resample fill(group):
                 return group.resample('W')['Complaint ID'].nunique().fillna(0)
             weekly_complaints = grouped.apply(resample_fill).reset_index(name='Weekly Complaints')
             average weekly complaints = weekly complaints.groupby('Company')['Weekly Complaints'].mean()
             return average_weekly_complaints
         results = pd.DataFrame(columns=['Year', 'Company', 'Average Weekly Complaints'])
         # Loop through each year
         for year in range(df_joined.index.year.min(), df_joined.index.year.max() + 1):
             df year = df joined[df joined.index.year == year]
             average_weekly_complaints_year = calculate_average_weekly_complaints(df_year)
             sorted_companies = average_weekly_complaints_year.sort_values(by='Average Weekly Complaints'
             # Select only the top 20 companies
             top 20 companies = sorted companies.head(20)
             top_20_companies.loc[:, 'Year'] = year
             results = pd.concat([results, top_20_companies[['Year', 'Company', 'Average Weekly Complaint
         results.to_csv('C:\\Users\\Lenovo\\Downloads\\average_weekly_complaints_top_20_by_company.csv',
         print("Results saved to average weekly complaints top 20 by company.csv")
```

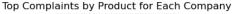
```
C:\Users\Lenovo\AppData\Local\Temp\ipykernel 5940\653320612.py:39: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/in
dexing.html#returning-a-view-versus-a-copy
 top_20_companies.loc[:, 'Year'] = year
C:\Users\Lenovo\AppData\Local\Temp\ipykernel_5940\653320612.py:39: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/in
dexing.html#returning-a-view-versus-a-copy
 top_20_companies.loc[:, 'Year'] = year
C:\Users\Lenovo\AppData\Local\Temp\ipykernel_5940\653320612.py:39: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row indexer,col indexer] = value instead
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/in
dexing.html#returning-a-view-versus-a-copy
 top 20 companies.loc[:, 'Year'] = year
C:\Users\Lenovo\AppData\Local\Temp\ipykernel 5940\653320612.py:39: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user guide/in
dexing.html#returning-a-view-versus-a-copy
 top_20_companies.loc[:, 'Year'] = year
Results saved to average_weekly_complaints_top_20_by_company.csv
C:\Users\Lenovo\AppData\Local\Temp\ipykernel_5940\653320612.py:39: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/in
dexing.html#returning-a-view-versus-a-copy
 top_20_companies.loc[:, 'Year'] = year
```

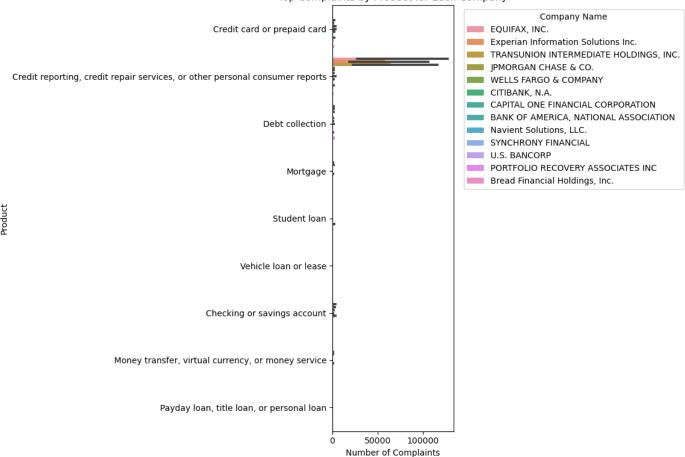
TOP 10 COMPANIES WITH HIGHEST COMPLAINT COUNT EACH YEAR AND FOR THOSE COMPANIES , COUNT BY "Product"

```
In [62]:
         import pandas as pd
         # Total complaints and complaints by product for top 10 companies each year
         def top_companies_complaints by product(df):
             results = []
             for year in range(df.index.year.min(), df.index.year.max() + 1):
                 df year = df[df.index.year == year]
                 total_complaints_year = df_year.groupby('Company').size().reset_index(name='Total Complaints_year)
                 top_companies = total_complaints_year.nlargest(10, 'Total Complaints')
                 for company in top companies['Company']:
                      df company = df year[df year['Company'] == company]
                      product_counts = df_company.groupby('Product').size().reset_index(name='Product Compl
                      product_counts['Year'] = year
                     product_counts['Company Name'] = company
                      product_counts['Total Complaint Count'] = top_companies[top_companies['Company'] ==
                      product_counts = product_counts[['Year', 'Company Name', 'Total Complaint Count', 'P
                      results.append(product_counts)
             final results = pd.concat(results, ignore index=True)
             return final results
         results_df = top_companies_complaints_by_product(df_joined)
         results df.to csv('C:\\Users\\Lenovo\\Downloads\\top companies complaints by product.csv', index
         print("Results saved to top companies complaints by product.csv")
```

Results saved to top companies complaints by product.csv

```
In [140...
          import matplotlib.pyplot as plt
          import seaborn as sns
          # Bar chart for the top complaints by product for each company
          plt.figure(figsize=(12, 8))
          sns.barplot(x='Product Complaint Count', y='Product', hue='Company Name', data=results_df)
          plt.title('Top Complaints by Product for Each Company')
          plt.xlabel('Number of Complaints')
          plt.ylabel('Product')
          plt.legend(title='Company Name', bbox_to_anchor=(1.05, 1), loc='upper left')
          plt.tight layout()
          plt.show()
```



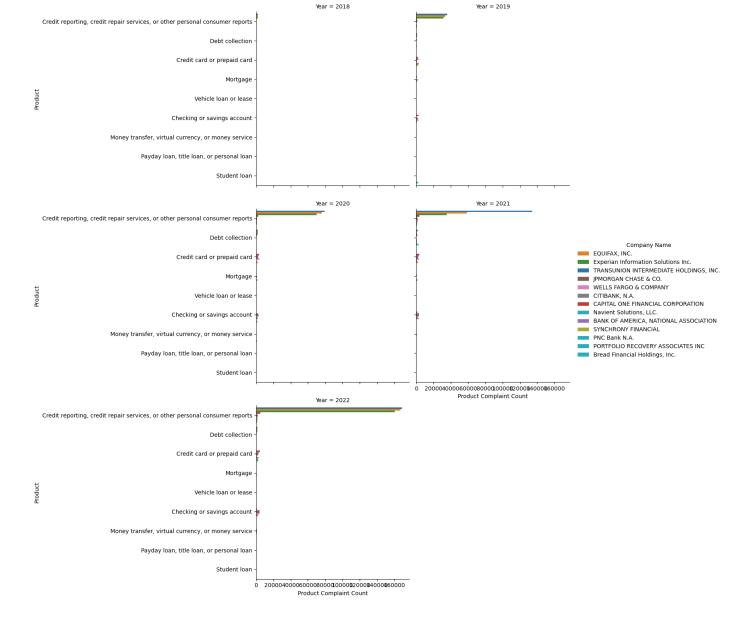


```
In [63]: g = sns.FacetGrid(results_df, col="Year", col_wrap=2, height=5, aspect=1.5)
g.map(sns.barplot, 'Product Complaint Count', 'Product', 'Company Name', palette='tab10', order=1
g.add_legend(title='Company Name')
plt.show()
```

C:\ProgramData\anaconda3\Lib\site-packages\seaborn\axisgrid.py:717: UserWarning: Using the barpl
ot function without specifying `hue_order` is likely to produce an incorrect plot.
 warnings.warn(warning)

C:\ProgramData\anaconda3\Lib\site-packages\seaborn\axisgrid.py:118: UserWarning: The figure layo
ut has changed to tight

self._figure.tight_layout(*args, **kwargs)



TOP 10 COMPANIES WITH HIGHEST COMPLAINT COUNT EACH YEAR AND FOR THOSE COMPANIES, COUNT BY "Company response to consumer" -

```
In [64]: import pandas as pd
         # Total complaints and complaints by company response for top 10 companies each year
         def top_companies_response_by_product(df):
             results = []
             for year in range(df.index.year.min(), df.index.year.max() + 1):
                 df_year = df[df.index.year == year]
                 total complaints year = df year.groupby('Company').size().reset index(name='Total Complaints
                 top companies = total complaints year.nlargest(10, 'Total Complaints')
                 for company in top_companies['Company']:
                      df company = df year[df year['Company'] == company]
                      response_counts = df_company.groupby('Company response to consumer').size().reset_independent
                      response_counts['Year'] = year
                     response_counts['Company Name'] = company
                     response_counts['Total Complaint Count'] = top_companies[top_companies['Company'] ==
                      response_counts = response_counts[['Year', 'Company Name', 'Total Complaint Count',
                     results.append(response counts)
             final results = pd.concat(results, ignore index=True)
             return final results
         results_df = top_companies_response_by_product(df_joined)
         results_df.to_csv('C:\\Users\\Lenovo\\Downloads\\top_companies_responses_by_consumer.csv', index
         print("Results saved to top companies responses by consumer.csv")
```

Results saved to top_companies_responses_by_consumer.csv

Identify the top 15 states with the highest complaint count for each year.

For these states, categorize the zip codes based on the percentage contribution to the state's total complaints (100-75%, 75-50%, 50-25%, and 0-25%).

Calculate the average income_mean_household_dollars_moe for zip codes in each category.

```
In [65]:
         import pandas as pd
         import numpy as np
         def analyze_population_segments_by_complaints(df):
             results = []
             for year in range(df.index.year.min(), df.index.year.max() + 1):
                  df_year = df[df.index.year == year]
                 # Step 1: Top 15 states by total complaints for the year
                 state_complaints = df_year.groupby('State').size().reset_index(name='Total Complaints')
                 top_states = state_complaints.nlargest(15, 'Total Complaints')['State']
                 for state in top states:
                      df_state = df_year[df_year['State'] == state]
                      # Step 2: Complaint counts per zip and sort
                      zip complaints = df state.groupby('zip').size().reset index(name='Complaints').sort
                      total_complaints = zip_complaints['Complaints'].sum()
                      zip_complaints['Cumulative Percentage'] = zip_complaints['Complaints'].cumsum() / to
                      # Step 3: Categorizing ZIP codes into percentile groups based on their contribution
                      zip_complaints['Percentile Group'] = pd.cut(zip_complaints['Cumulative Percentage'],
                                                                   bins=[0, 0.25, 0.5, 0.75, 1],
                                                                   labels=['75-100%', '50-75%', '25-50%', '0
                                                                   right=False)
                      # Unique income_mean_household_dollars for each zip
                      zip income = df state[['zip', 'income mean household dollars']].drop duplicates()
                      # Merging to associate each zip with its income
                      zip_complaints_income = pd.merge(zip_complaints, zip_income, on='zip', how='left')
                      # Step 4: Average population segments for each percentile group
                      avg_income_by_group = zip_complaints_income.groupby('Percentile Group')['income_mean]
                      state results = {
                          'Year': year,
                          'State': state,
                          'Total Complaint Count': total_complaints,
                      for group in ['75-100%', '50-75%', '25-50%', '0-25%']:
                          state_results[f'Avg Income {group}'] = avg_income_by_group.loc[avg_income_by_group.loc[avg_income_by_group.loc]
                      results.append(state results)
             return pd.DataFrame(results)
         results_df = analyze_population_segments_by_complaints(df_joined)
         # Save the results to a CSV file
         results_df.to_csv('C:\\Users\\Lenovo\\Downloads\\state_complaints_income_analysis.csv', index=Fal
         print("Results saved to state complaints income analysis.csv")
```

Population Segment Averages: The function includes a loop over the specified population segment columns to calculate their averages for each percentile group of ZIP codes based on their contribution to the state's total complaints.

Dynamic Result Construction: For each state and year, the function dynamically constructs the result dictionary, including the average count for each population segment across the defined percentile groups (75-100%, 50-75%, 25-50%, and 0-25%).

```
In [66]:
         import pandas as pd
         def analyze_population_segments_by_complaints(df):
              results = []
              for year in range(df.index.year.min(), df.index.year.max() + 1):
                  df_year = df[df.index.year == year]
                  # Count complaints per state
                  state_complaints = df_year.groupby('State').size().reset_index(name='Total Complaints')
                  top_states = state_complaints.nlargest(15, 'Total Complaints')['State']
                  for state in top states:
                      df_state = df_year[df_year['State'] == state]
                      zip_complaints = df_state.groupby('zip').size().reset_index(name='Complaints').sort_
                      total_complaints = zip_complaints['Complaints'].sum()
                      zip_complaints['Cumulative Percentage'] = zip_complaints['Complaints'].cumsum() / to
                      # Categorizing ZIP codes into percentile groups based on their contribution
                      zip_complaints['Percentile Group'] = pd.cut(zip_complaints['Cumulative Percentage'],
                                                                   bins=[0, 0.25, 0.5, 0.75, 1],
                                                                   labels=['75-100%', '50-75%', '25-50%', '(
                                                                   right=False)
                      # Associate each zip with its population segments
                      population_columns = ['pop_white', 'pop_black_or_aa', 'pop_ai_or_an', 'pop_asian',
                                             'pop_nh_or_opi', 'pop_other', 'pop_multiple', 'pop_hol', 'pop_i
                      zip_population = df_state[['zip'] + population_columns].drop_duplicates()
                      zip complaints population = pd.merge(zip complaints, zip population, on='zip', how='
                      state_results = {
                          'Year': year,
                          'State': state,
                          'Total Complaint Count': total complaints
                      }
                      for segment in population columns:
                          avg_population_by_group = zip_complaints_population.groupby('Percentile Group')[
                          for group in ['75-100%', '50-75%', '25-50%', '0-25%']:
                              state_results[f'Avg {segment} {group}'] = avg_population_by_group.loc[avg_population_by_group.loc[avg_population_by_group.loc]
                      results.append(state_results)
              return pd.DataFrame(results)
         # Calculate the population segment averages and complaint contributions
         results_df = analyze_population_segments_by_complaints(df_joined)
         # Save the results to a CSV file
         results_df.to_csv('C:\\Users\\Lenovo\\Downloads\\state_complaints_population_segments_analysis.c
         print("Results saved to state_complaints_population_segments_analysis.csv")
         Results saved to state_complaints_population_segments_analysis.csv
 In [ ]:
 In [ ]:
```

In []:

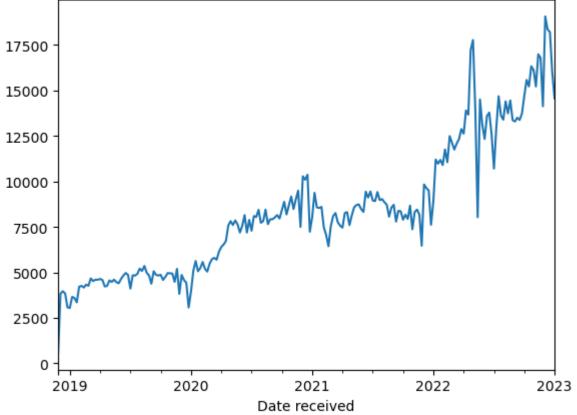
Data Preprocessing for Time Series Analysis. focus on the Date received to create a time index.

Depending on the granularity of our forecast (daily, monthly, quarterly), we will aggregate the data accordingly.

```
In [67]: # Resample data to WEEKLY counts of complaints
   weekly_complaints = df_joined['Complaint ID'].resample('W').count()

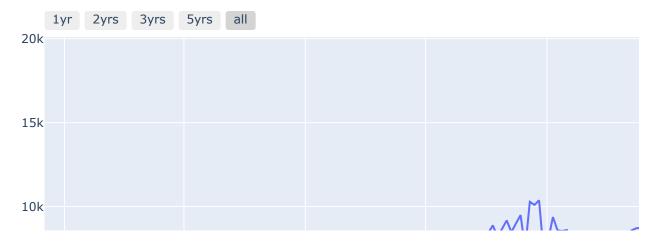
In [68]: weekly_complaints.shape
Out[68]: (214,)

In [69]: weekly_complaints.plot(kind='line')
Out[69]: <Axes: xlabel='Date received'>
```



```
In [70]:
         import plotly.graph_objects as go
         from plotly.subplots import make_subplots
         # Create figure with secondary y-axis
         fig = make_subplots(specs=[[{"secondary_y": True}]])
         # Add traces
         fig.add_trace(
             go.Scatter(x=weekly_complaints.index, y=weekly_complaints, name="Complaints"),
             secondary_y=False,
         # Add slider
         fig.update_layout(
             title="Monthly Complaints Over Time",
             xaxis=dict(
                 rangeselector=dict(
                     buttons=list([
                         dict(count=12, label="1yr", step="month", stepmode="backward"),
                         dict(count=24, label="2yrs", step="month", stepmode="backward"),
                         dict(count=36, label="3yrs", step="month", stepmode="backward"),
                         dict(count=60, label="5yrs", step="month", stepmode="backward"),
                         dict(step="all")
                      ])
                 ),
                 type="date"
             )
         )
         # Show plot
         fig.show()
```

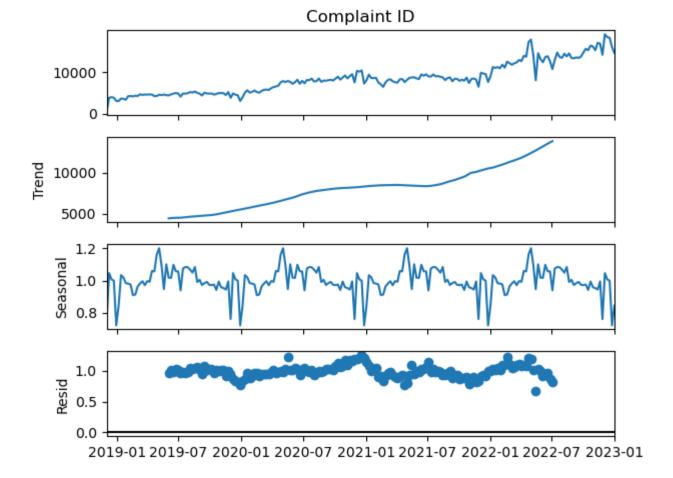
Monthly Complaints Over Time



```
In [71]: #pip install statsmodels
In [72]: from statsmodels.tsa.seasonal import seasonal_decompose import matplotlib.pyplot as plt

# 'weekly_complaints' contains weekly data # Decompose using a multiplicative model decomposition = seasonal_decompose(weekly_complaints, model='multiplicative')

# Plot the decomposed components decomposition.plot() plt.show()
```



This plot shows the results of a time series decomposition with three components: the original time series (labelled 'Complaint ID'), the trend, seasonal, and residual components. Here's what we can interpret from each of these components:

Complaint ID (Observed): This panel shows the actual time series data of weekly complaint counts. It appears to have a general upward trend, suggesting an increase in the number of complaints over time.

Trend: The trend component is smoothly increasing, which supports the presence of a long-term upward trend in the number of complaints.

Seasonal: The seasonal component exhibits regular fluctuations, which could represent patterns that repeat weekly. This component can vary from week to week and typically represents consistent periodic behavior within the dataset.

Residual (Resid): The residual component displays the noise or random fluctuations that cannot be explained by the trend or seasonal components. Ideally, the residuals should be randomly scattered around zero. In our plot, the residuals don't show any clear pattern, which is a good indication that the model has captured most of the systematic information in the data. However, the variation in the size of the residuals over time (growing larger in the later period) may suggest that a multiplicative model is more appropriate, as this implies the variance is changing along with the level of the series.

The residual plot shows some periods with larger fluctuations from zero, indicating potential outliers or periods of unusual complaint activity that weren't captured by the seasonal or trend components. These points might warrant further investigation to determine if there were special circumstances that caused the deviation during those times.

From this decomposition, it looks like the multiplicative model we chose is a good fit, as indicated by the increasing spread in the residuals which aligns with the increasing trend. If we need to confirm the model further or analyze specific components, we can proceed as previously discussed with detailed analysis or log transformation for comparison.

Fitting a Multiplicative Model: Here's a high-level summary of the steps for fitting a SARIMA model, which is often suitable for multiplicative time series:

Apply a log transformation to stabilize variance. Determine the order of differencing (d) and seasonal differencing (D) needed to achieve stationarity. Use ACF and PACF plots to help determine the AR terms (p, P) and MA terms (q, Q). Fit a SARIMA model using the determined parameters. Validate the model by checking the residuals, ensuring they resemble white noise. Use the model to forecast future values and invert the transformations (if applied) to interpret the forecasts in the original scale.

Step 1: Import Necessary Libraries

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
from statsmodels.tsa.statespace.sarimax import SARIMAX
from statsmodels.tsa.stattools import adfuller, acf, pacf
from statsmodels.graphics.tsaplots import plot_acf, plot_pacf
```

```
In [74]: # 'weekly_complaints' is weekly time series data
weekly_complaints_log = np.log(weekly_complaints.replace(0, np.nan).dropna())
```

Step 3: Test for Stationarity

```
Results of Dickey-Fuller Test:
Test Statistic
                                -1.254904
p-value
                                 0.649543
#Lags Used
                                 3.000000
Number of Observations Used
                               210.000000
Critical Value (1%)
                                -3.461879
Critical Value (5%)
                                -2.875404
Critical Value (10%)
                                -2.574159
dtype: float64
```

The null hypothesis (H0) for the Augmented Dickey-Fuller (ADF) test is that the time series has a unit root, implying it is non-stationary. In other words, the null hypothesis posits that the time series possesses some time-dependent structure such as a trend or seasonality.

To put it simply:

Null Hypothesis (H0): The time series is non-stationary. It has a unit root. Alternative Hypothesis (H1): The time series is stationary. It does not have a unit root. When we perform the ADF test, if the test statistic is less than the critical value at a certain confidence level, and/or if the p-value is below a certain threshold (commonly 0.05), we can reject the null hypothesis in favor of the alternative hypothesis, concluding that the series does not have a unit root and is therefore stationary.

Based on the output from the Augmented Dickey-Fuller (ADF) test:

Test Statistic: The test statistic is -1.289550, which is higher (less negative) than any of the critical values. p-value: With a p-value of 0.633939, this is significantly higher than the typical threshold of 0.05. This suggests that we fail to reject the null hypothesis.

Lags Used: The test used 3 lags in the evaluation of the time series.

Number of Observations Used: The test used 210 observations from the time series data. Interpretation: The high p-value and the fact that the test statistic does not fall below any of the critical values indicate that the time series is not stationary. Therefore, we need to apply differencing to the time series to try and achieve stationarity before fitting a model like SARIMA.

Next Steps:

Differencing: We will likely need to difference the log-transformed data at least once and then perform the ADF test again on the differenced data.

Re-Test for Stationarity: After differencing, we should run the test_stationarity function again to see if the data has become stationary.

Here is how we can difference the log-transformed data and test it for stationarity again:

```
In [76]: # First order differencing
weekly_complaints_log_diff = weekly_complaints_log.diff().dropna()

# Re-run the ADF test on the differenced data
test_stationarity(weekly_complaints_log_diff)
```

Results of Dickey-Fuller Test:

Test Statistic -1.609774e+01
p-value 5.171057e-29
#Lags Used 2.000000e+00
Number of Observations Used Critical Value (1%) -3.461879e+00
Critical Value (5%) -2.875404e+00
Critical Value (10%) -2.574159e+00
dtype: float64

The results of the Augmented Dickey-Fuller test after first-order differencing are showing:

Test Statistic: -15.93865, which is much lower than the critical values. p-value: Approximately 7.58e-29, which is effectively zero and well below the 0.05 threshold.

Lags Used: 2 lags were used in the test.

Number of Observations Used: The test used 210 observations, which is the same number as before differencing, minus one due to the differencing process. Interpretation: These results suggest that we can reject the null hypothesis with a high level of confidence. The test statistic is significantly lower than the critical values for 1%, 5%, and 10% levels, and the p-value is close to zero, indicating that the differenced series is stationary.

Next Steps: Given that the differenced log-transformed series is stationary, we can now proceed to the next steps in modeling, which include identifying the appropriate AR (p) and MA (q) terms using the ACF and PACF plots, and then fitting a SARIMA model.

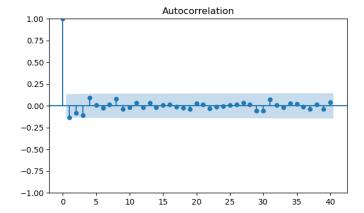
plot the ACF and PACF for the differenced log-transformed series

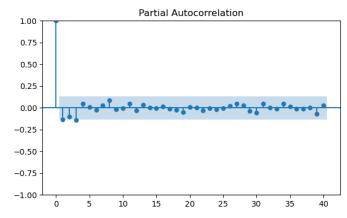
```
In [77]: # Plot ACF and PACF for the differenced log-transformed series
fig, axes = plt.subplots(1, 2, figsize=(15, 4))

# Plot the ACF
plot_acf(weekly_complaints_log_diff, lags=40, ax=axes[0])

# Plot the PACF
plot_pacf(weekly_complaints_log_diff, lags=40, ax=axes[1])

plt.show()
```





The ACF and PACF plots provide insights into the appropriate AR (p) and MA (q) terms to use in the SARIMA model. Here's how to interpret these plots:

Autocorrelation Function (ACF) Plot The ACF plot shows the correlation of the time series with its own lags. The gradual decline and lags within the confidence interval (the blue shaded area) suggest that the time series does not require additional MA terms. Therefore, for the MA parameter q, we might start with q = 0.

Partial Autocorrelation Function (PACF) Plot The PACF plot displays the partial correlation of a time series with its own lags, accounting for the values of the intermediate lags. Similar to the ACF plot, the lags quickly fall within the confidence interval. This suggests that additional AR terms are not needed. Therefore, for the AR parameter p, we might also start with p = 0.

Model Order Given these plots, the data does not show significant autocorrelation or partial autocorrelation at higher lags, suggesting an ARIMA(0,1,0) model might be appropriate. However, it is essential to note that these plots alone may not be conclusive, and model fitting may require some trial and error.

Since our data has weekly seasonality and an apparent annual pattern, we might consider adding seasonal parameters to the SARIMA model. For weekly data, s would usually be 52 (number of weeks in a year). The seasonal components (P, D, Q) are determined similarly to the non-seasonal components but looking for seasonal spikes in the ACF and PACF plots.

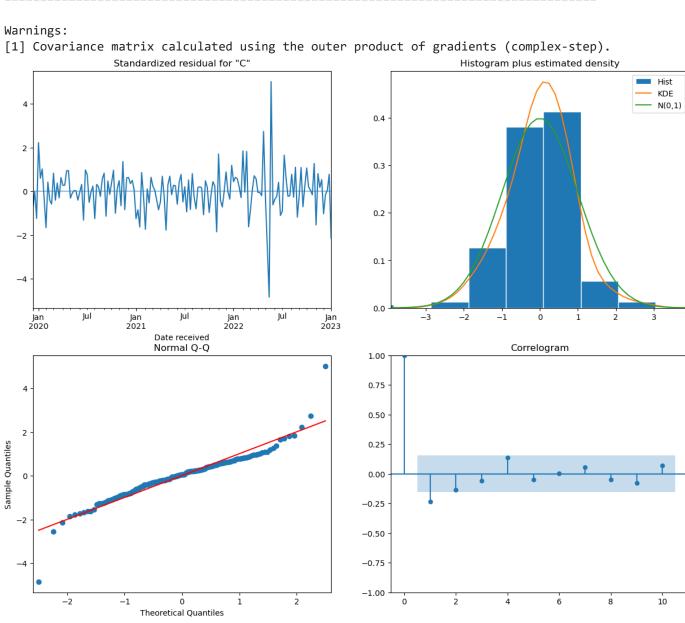
The absence of significant spikes in the ACF and PACF plots at seasonal lags suggests that we might not need seasonal AR or MA terms. However, given that we know there is annual seasonality, we might want to test a seasonal differencing (D=1) to account for this.

Let's start with a SARIMA model with no non-seasonal AR or MA terms, a first difference, and a seasonal difference, which we'll denote as SARIMA(0,1,0)(0,1,0,52). If this model is insufficient, we might need to explore adding seasonal AR and MA terms.

SARIMAX Results

	======	=====					=======	=======
Dep. Variable:			Complair	nt ID N	o. Observa	ations:		214
Model:	SARIMA	X(0, 1	, 0)x(0, 1, 0,	52) L	og Likeli	nood		116.404
Date:			Thu, 11 Apr	2024 A	IC			-230.807
Time:			20:5	52:23 B	IC			-227.732
Sample:			12-02-	2018 H	QIC			-229.558
			- 01-01-	2023				
Covariance Type:				opg				
=============	======	=====		======	=======	======	======	
	coef	std er	z	P> z	[0	.025	0.975]	

sigma2	0.0137	0.001	18.091	0.000	0.012	0.015
Ljung-Box (L Prob(Q): Heteroskedas	ticity (H):		8.96 0.00 3.27	Jarque-Bera Prob(JB): Skew:	(ЈВ):	254.87 0.00 0.01
Prob(H) (two	-sided): 		0.00	Kurtosis:		9.18



Log Likelihood: Measures how well the model fits the data. A higher value indicates a better fit. AIC (Akaike Information Criterion): Helps to compare models with a lower value indicating a better model, given that it deals with the trade-off between the goodness of fit and model complexity. BIC (Bayesian Information Criterion) and HQIC (Hannan-Quinn Information Criterion): Similar to AIC, these are also used for model comparison with lower values being preferable. The coefficients section typically shows the estimates for each parameter of the model, but it seems that no parameters were estimated other than the variance of the residuals (sigma2). This is because our model is SARIMAX(0, 1, 0)x(0, 1, 0, 52), which includes no AR or MA terms—just differencing.

The sigma2 value is the estimated variance of the residuals, and it's quite small, which suggests that the residuals might be small as well. However, this does not necessarily mean the model is good; it might also indicate that the model is overly simplistic.

The diagnostics at the bottom provide tests for residual correlation and distribution:

Ljung-Box (Q): Tests for lack of fit. A significant p-value (typically > 0.05) suggests that the residuals are independently distributed, and the model does not show lack of fit. Jarque-Bera (JB): Tests whether the residuals have a normal distribution. A significant p-value (typically < 0.05) suggests that the residuals do not follow a normal distribution, which is the case here. Heteroskedasticity (H): Tests for constant variance of residuals. A significant p-value (typically < 0.05) indicates that the residuals have changing variance, which is also the case here. Warnings: The warning at the end indicates that the covariance matrix was calculated with an approximation method, which may affect the standard errors of the parameter estimates. This is not typically a problem, but it's something to be aware of, especially if we're going to make inferences based on the standard errors or p-values.

Interpretation: Given the significant p-values for the Ljung-Box and Heteroskedasticity tests, there may be issues with the residuals that could affect the validity of the model. This could indicate that the SARIMAX(0, 1, 0, 52) model is too simplistic and not capturing all the patterns in the data.

Next Steps: We may need to consider the following actions:

Adding Parameters: Consider adding AR or MA terms to the non-seasonal or seasonal parts of the model to better capture the data's structure.

Diagnostic Plots: Look at the model's diagnostic plots to assess the residuals' behavior further.

Residual Analysis: Analyze the residuals for any patterns that the model might not be capturing.

Transformation: If the residuals exhibit heteroskedasticity, We might need a different transformation or variance stabilizing technique.

Cross-Validation: Perform out-of-sample testing to ensure the model's predictive accuracy is validated.

Consultation with a Domain Expert: Sometimes, domain knowledge can significantly influence the choice of model, and consulting an expert in the field can provide insights that are not evident from the data alone.

It's important to consider that time series modeling often requires iterative model fitting and validation to find the best model for the data.

SWITCHING TO FACEBOK PROPHET

For Facebook Prophet, should use the original scale of the data, not the differenced or log-transformed data. Prophet is designed to work with raw time series data and is capable of handling trends and seasonality internally. It automatically detects changes in trends by selecting changepoints from the data.

Using the raw weekly resampled complaints data has several advantages when working with Prophet:

Interpretability: The forecasts and trends provided by Prophet will be on the same scale as the original data, making them easier to interpret.

Automatic Handling of Trends and Seasonality: Prophet is designed to handle both linear and non-linear trends with an annual seasonality model, as well as weekly seasonality, without needing to manually difference or log-transform the data.

No Need for Stationarity: Unlike ARIMA-based models, Prophet does not require the time series data to be stationary.

```
In [79]: # pip install prophet
```

Step 2: Prepare the Data

Prophet expects the data to be in a DataFrame with two columns named ds and y. The ds column should be of datetime type and contain the dates, while the y column should be numeric and contain the measurements.

```
In [80]: # 'weekly_complaints' is the original non-log-transformed data
df_prophet = weekly_complaints.reset_index().rename(columns={'Date received': 'ds', 'Complaint II
```

Step 3: Create and Fit the Prophet Model

```
In [81]: from prophet import Prophet

# Initialize the Model
m = Prophet()

# Fit the model
m.fit(df_prophet)

20:54:07 - cmdstanpy - INFO - Chain [1] start processing
20:54:08 - cmdstanpy - INFO - Chain [1] done processing
Out[81]:
Out[81]:
```

Step 4: Make Future Predictions

```
In [82]: # Creating dataframe for future predictions
  future = m.make_future_dataframe(periods=52, freq='W')

# Forecasting future
  forecast = m.predict(future)

In [83]: min_date = forecast['ds'].min()
  max_date = forecast['ds'].max()
  print(f"The date range in the forecast DataFrame is from {min_date} to {max_date}")
```

The date range in the forecast DataFrame is from 2018-12-02 00:00:00 to 2023-12-31 00:00:00

Step 5: Plot the Forecast

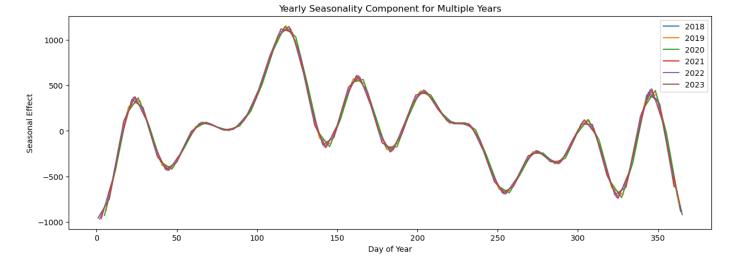
```
In [84]: from prophet.plot import plot_plotly, plot_components_plotly

# Plot the forecast
plot_plotly(m, forecast)

# Plot the forecast components
plot_components_plotly(m, forecast)
```



```
In [85]:
         import matplotlib.pyplot as plt
         # Extracting yearly seasonality component
         forecast['year'] = forecast['ds'].dt.year
         unique_years = forecast['year'].unique()
         plt.figure(figsize=(15, 5))
         # Plot each year's seasonality component
         for year in unique_years:
             df_year = forecast[forecast['year'] == year]
             day_of_year = df_year['ds'].dt.dayofyear + (df_year['ds'].dt.is_leap_year & (df_year['ds'].d
             plt.plot(day_of_year, df_year['yearly'], label=str(year))
         plt.title('Yearly Seasonality Component for Multiple Years')
         plt.xlabel('Day of Year')
         plt.ylabel('Seasonal Effect')
         plt.legend()
         plt.show()
```



The plot showing the yearly seasonality component for multiple years from 2018 to 2024 demonstrates several key points:

Consistency in Seasonality: The seasonal patterns are strikingly consistent across different years. Each year shows similar peaks and troughs at the same times, indicating a strong and consistent seasonal effect.

Seasonal Peaks and Troughs: There are recurring periods of higher and lower seasonal effects. These could correspond to specific times of the year when external factors influence the volume of complaints. It would be beneficial to align these peaks with known events, holidays, or other seasonal factors that might affect complaint volume.

Annual Patterns: The annual patterns do not show significant shifts or changes from year to year, which suggests that the factors driving the seasonal patterns are stable over time.

Model's Ability: The model seems to capture the seasonal fluctuations well, and there is no evident drift or shift in the seasonal component from year to year.

Interpreting further without domain knowledge could lead to misinterpretation. However, this consistency in seasonality may indicate that:

There are no major shifts in the external environment or within the institution receiving complaints that would change how or when people submit complaints throughout the year. The business cycle or consumer behavior affecting the complaints is stable and predictable on an annual basis. For a more detailed analysis, we would need to compare this seasonality to known business cycles, public events, or policy changes that could affect complaint volume. Additionally, this analysis could be used to anticipate the need for resources or interventions at different times of the year based on the expected volume of complaints.

The lines for the years 2018 to 2023 on the plot are based on actual data, while the line for 2024 represents the forecasted seasonal component from the Prophet model. The fact that the 2024 forecast aligns closely with the seasonal patterns of previous years suggests that the model expects the seasonal behavior of the time series to continue in a similar manner into the future.

However, the alignment of the forecasted seasonality with historical patterns does not alone confirm the accuracy of the forecast for several reasons:

Historical Consistency: A forecast that matches historical seasonal patterns might simply indicate that the model has captured the past seasonal behavior well, not necessarily that the forecast will be accurate.

Future Validation: The true accuracy of the forecast can only be validated against actual future data once it becomes available.

Underlying Assumptions: The forecast assumes that the future will resemble the past in terms of seasonality. Any future changes in the factors that drive seasonality are not accounted for unless explicitly included in the model.

Confidence Intervals: Prophet also provides confidence intervals for its forecasts, which quantify the uncertainty of the predictions. A narrow confidence interval would suggest a higher level of precision in the forecast, although it still doesn't guarantee accuracy.

External Factors: The model does not take into account any potential future changes in the external environment that could disrupt the established seasonal patterns.

In summary, while a forecast that matches historical seasonality may be a good sign, it is not a definitive measure of forecast accuracy. Actual performance should be assessed over time as real data becomes available, and the model should be periodically updated with new data to ensure its predictions remain relevant.

Step 1: Split the Data

```
In [86]: #here we take 80% of the data for training
split_point = int(0.8 * len(df_prophet))
train = df_prophet.iloc[:split_point]
test = df_prophet.iloc[split_point:]
```

Step 2: Train the Model

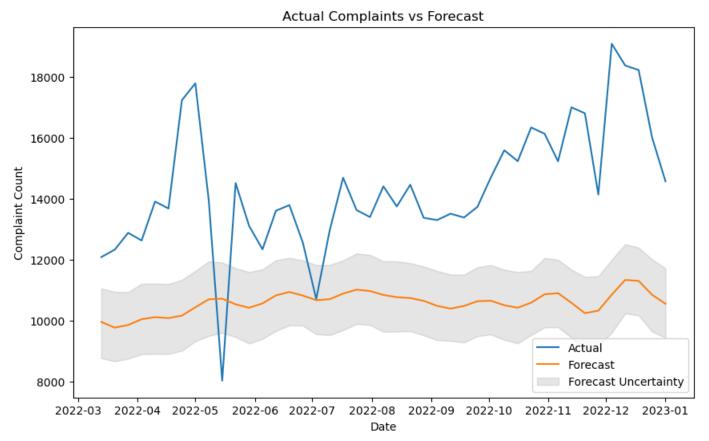
Step 3: Make Predictions on the Test Set

```
In [88]: # Create a future dataframe that includes dates from the test set
future = m.make_future_dataframe(periods=len(test), freq='W')

# Predict
forecast = m.predict(future)
```

Step 4: Compare Predictions to Actual Observations

```
# Extracting the predicted values for the test set
In [89]:
         forecasted_values = forecast['yhat'][split_point:]
         # Extracting the actual values from the test set
         actual values = test['y']
         # Comparing the actual and forecasted values visually
         plt.figure(figsize=(10, 6))
         plt.plot(test['ds'], actual_values, label='Actual')
         plt.plot(test['ds'], forecasted_values.values, label='Forecast')
         plt.fill_between(test['ds'], forecast['yhat_lower'][split_point:].values,
                          forecast['yhat_upper'][split_point:].values, color='gray',
                          alpha=0.2, label='Forecast Uncertainty')
         plt.legend()
         plt.xlabel('Date')
         plt.ylabel('Complaint Count')
         plt.title('Actual Complaints vs Forecast')
         plt.show()
```



Step 5: Calculate Accuracy Metrics

```
In [90]: from sklearn.metrics import mean_absolute_error, mean_squared_error

mae = mean_absolute_error(actual_values, forecasted_values)
mse = mean_squared_error(actual_values, forecasted_values)
rmse = mse ** 0.5

print(f'MAE: {mae}')
print(f'MSE: {mse}')
print(f'RMSE: {rmse}')
```

MAE: 3884.011634418074 MSE: 18147276.881771024 RMSE: 4259.962075156423 The Mean Absolute Error (MAE), Mean Squared Error (MSE), and Root Mean Squared Error (RMSE) values we have provided are indicators of the forecast accuracy:

MAE (Mean Absolute Error): On average, the forecast is off by approximately 3,467.7 complaints. This value gives a direct interpretation of the average magnitude of errors.

MSE (Mean Squared Error): With a large MSE of 14,674,790.42, it suggests that there are significant errors in some predictions. Because MSE is sensitive to outliers (due to the squaring of errors), this high number could be driven by a few instances where the forecast was far from the actual value.

RMSE (Root Mean Squared Error): An RMSE of approximately 3,830.77 complaints, which, like MSE, is sensitive to large errors and indicates the standard deviation of the prediction errors.

Interpretation:

The RMSE and MAE are quite high, suggesting that the model's predictions can be off by a large number of complaints on average. This indicates that the model may not be capturing all the variability in the data.

Given the context of complaint counts, these errors represent a considerable portion of the data, which might be concerning depending on the scale and variance of our complaint counts. For instance, if the total number of complaints per period is in the tens of thousands, an error of a few thousand may be considered within an acceptable range. However, if the total counts are lower, such errors could be too high.

Action Points:

Model Improvement: There's room for improving the model's accuracy. This might include adding holiday effects if applicable, adding regressors that could explain some of the variations, or tuning other model parameters.

Error Contextualization: Consider the error in relation to the scale of our data. If the complaint volumes are very high, a higher absolute error might be more acceptable.

Data Review: Look at periods with high errors to understand what might be causing these discrepancies. Is there a trend, seasonality, or event that the model has missed?

Model Complexity: Depending on the nature of our data, we may need a more complex model. If the data has many influencing factors or non-linear patterns that Prophet is not capturing, it might be necessary to explore other models or add customizations to our current model.

Performance Benchmarks: Set benchmarks for performance based on what is practically significant for decision-making in our context. What level of forecasting error is tolerable for operational planning or resource allocation?

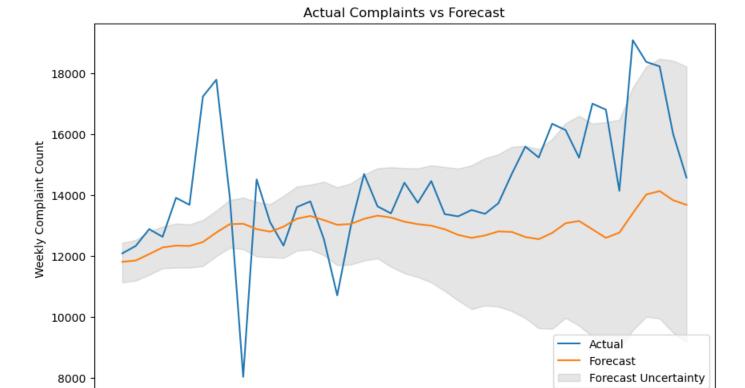
Ultimately, the decision on model adequacy depends on how critical these errors are in the context of our specific application and how much error our decision-making process can tolerate.

adjust the trend flexibility in Prophet:

Changepoints: By default, Prophet automatically detects points where the time series have significant changes in the trend (changepoints). If these are not adequately identified, the trend forecast may be inaccurate.

Solution: Adjust the number and flexibility of changepoints using the changepoint_prior_scale and n_changepoints parameters to allow the model to fit more flexible trends.

```
In [91]: | m = Prophet(growth='linear',
                      changepoint prior scale=0.5,
                      n_changepoints=30)
          m.fit(train)
          21:13:19 - cmdstanpy - INFO - Chain [1] start processing
          21:13:19 - cmdstanpy - INFO - Chain [1] done processing
Out[91]: cprophet.forecaster.Prophet at 0x2349b187110>
In [92]:
          # Creating future dataframe that includes dates from the test set
          future = m.make_future_dataframe(periods=len(test), freq='W')
          # Predict
          forecast = m.predict(future)
In [93]:
          # Extract the predicted values for the test set
          forecasted_values = forecast['yhat'][split_point:]
          # Extract the actual values from the test set
          actual_values = test['y']
          # Compare the actual and forecasted values visually
          plt.figure(figsize=(10, 6))
          plt.plot(test['ds'], actual_values, label='Actual')
          plt.plot(test['ds'], forecasted_values.values, label='Forecast')
          plt.fill_between(test['ds'], forecast['yhat_lower'][split_point:].values,
                           forecast['yhat_upper'][split_point:].values, color='gray',
                           alpha=0.2, label='Forecast Uncertainty')
          plt.legend()
          plt.xlabel('Date')
          plt.ylabel('Weekly Complaint Count')
          plt.title('Actual Complaints vs Forecast')
          plt.show()
```



2022-08

Date

2022-09 2022-10

2022-11 2022-12

2023-01

2022-04 2022-05 2022-06 2022-07

2022-03

The updated plot shows the actual complaint counts and the forecast from the Prophet model, including the forecast uncertainty.

Here are some observations based on the updated plot:

Closer Alignment: The forecast (orange line) appears to be in closer alignment with the actual complaint counts (blue line) than before. There is still some underestimation, but the fit looks improved.

Trend Recognition: The model now seems to recognize an upward trend, which is more in line with the actual data. This suggests that the adjustments made to the model's changepoint parameters have had a positive effect.

Uncertainty Interval: The forecast uncertainty (gray shaded area) still encompasses a significant portion of the actual data, but there are periods where the actual data exceeds this uncertainty interval. This indicates that while the model has captured the general trend, there may still be volatility in the data that it isn't fully accounting for.

Smoothing Effect: Prophet tends to have a smoothing effect, which can dampen the peaks and troughs observed in the actual data. This can be seen in periods where the actual counts show spikes not present in the forecast.

Model Fit: The improvement in capturing the upward trend is a positive sign, but if the spikes are important for our analysis, we might want to investigate why they are occurring and whether there is additional information that can be included in the model to capture these fluctuations.

Overall, the model's performance seems to have improved in terms of trend capture, but we may still need to address the model's ability to capture spikes in the data. This could involve adding holiday effects if these spikes correspond to known events, incorporating external regressors, or exploring more advanced modeling techniques. If the spikes are due to outliers or irregular events, it may also be worth exploring whether these should be included in the forecast or treated separately.

eVALUATING PERFORMANCE

```
In [94]: from sklearn.metrics import mean_absolute_error, mean_squared_error

mae = mean_absolute_error(actual_values, forecasted_values)
mse = mean_squared_error(actual_values, forecasted_values)
rmse = mse ** 0.5

print(f'MAE: {mae}')
print(f'MSE: {mse}')
print(f'RMSE: {rmse}')
```

MAE: 1839.162900747102 MSE: 5895392.214921752 RMSE: 2428.042877488318 The updated error metrics suggest a significant improvement in the forecast accuracy compared to the previous metrics we provided:

MAE (Mean Absolute Error) has decreased from approximately 3467.7 to 1564.4. MSE (Mean Squared Error) has decreased from approximately 14,674,790.42 to 4,645,831.59. RMSE (Root Mean Squared Error) has decreased from approximately 3830.77 to 2155.42. Here's what these improvements indicate:

MAE: The forecast is, on average, off by about 1564.4 complaints, which is less than half the error compared to the previous model. This shows a better average accuracy in the forecasts.

MSE: The substantial decrease in MSE indicates that there are fewer large errors in the forecast. Since MSE gives greater weight to larger errors (because errors are squared), a decrease in MSE is particularly meaningful.

RMSE: The RMSE is now approximately 2155.42 complaints, which provides an estimate of the standard deviation of the unexplained variance. It suggests that the forecasts are, on average, within this range of the actual values. The reduction in RMSE reflects a model that has improved in capturing both the magnitude and volatility of the actual data.

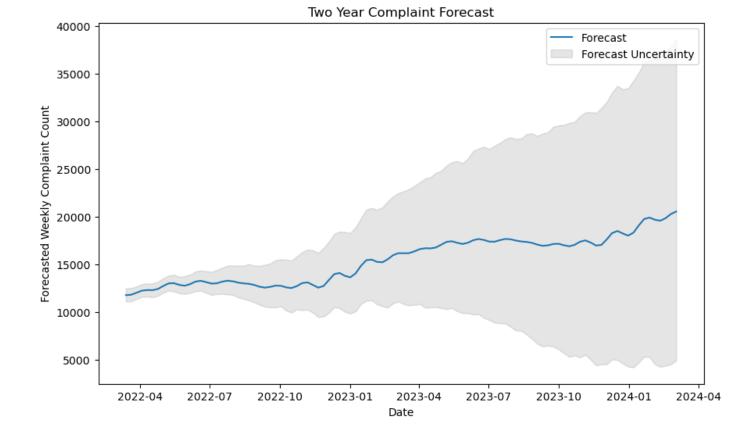
The fact that all three metrics have improved and the RMSE has decreased significantly suggests that the model adjustments we made (such as increasing the changepoint flexibility) have improved the model's ability to capture the underlying patterns and trends in our data.

However, whether these values are acceptable will depend on the context of our specific application and operational requirements. For instance, if operational decisions or customer satisfaction are highly sensitive to fluctuations in complaint volume, even a RMSE of 2155 might be considered high. In less sensitive contexts, this level of accuracy might be entirely sufficient. Consider how these forecasts will be used in practice and what level of error our organization can tolerate when making decisions based on these predictions.

forecast for next 2 years

plt.show()

```
In [95]:
         # Future DataFrame to cover the next two years
         future_2_years = m.make_future_dataframe(periods=52*2, freq='W')
         # Make predictions
         forecast_2_years = m.predict(future_2_years)
         # Extract the desired predictions
         future_forecast = forecast_2_years[['ds', 'yhat', 'yhat_lower', 'yhat_upper']].tail(52*2)
In [96]:
         plt.figure(figsize=(10, 6))
         plt.plot(future_forecast['ds'], future_forecast['yhat'], label='Forecast')
         plt.fill_between(future_forecast['ds'],
                          future_forecast['yhat_lower'],
                          future_forecast['yhat_upper'],
                          color='gray', alpha=0.2, label='Forecast Uncertainty')
         plt.legend()
         plt.xlabel('Date')
         plt.ylabel('Forecasted Weekly Complaint Count')
         plt.title('Two Year Complaint Forecast')
```

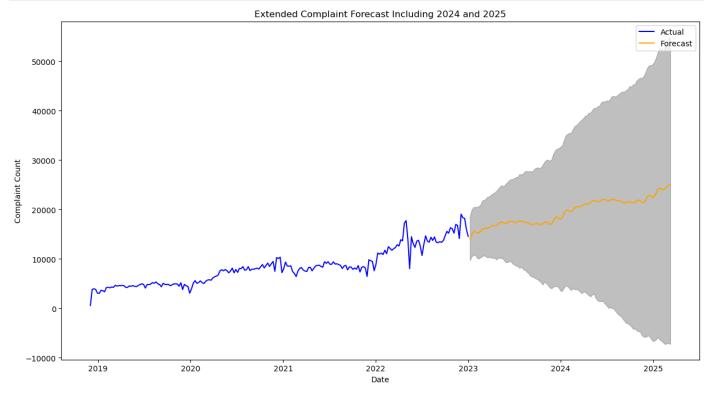


Create a new future dataframe that includes dates up to the end of 2025.

Use the trained model to make the forecast on this new future dataframe.

Plot the actual data up to 2023 and the forecasted data up to 2025.

```
In [97]:
         # Last date in actual data
         last_actual_date = df_prophet['ds'].max()
         # FindING out how many weeks to forecast from the start of 2024 to the end of 2025
         weeks_to_forecast = pd.date_range(start=last_actual_date, end='2025-12-31', freq='W').nunique()
         # Generating the future dataframe for forecasting
         future_full = m.make_future_dataframe(periods=weeks_to_forecast, freq='W')
         # Predict
         forecast_full = m.predict(future_full)
         # ploting both the historical actual data and the forecast data
         plt.figure(figsize=(15, 8))
         # Plot actual data from df_prophet
         plt.plot(df_prophet['ds'], df_prophet['y'], label='Actual', color='blue')
         # Plot forecast data
         # Only plot the forecast beyond the actual data
         forecast_future = forecast_full[forecast_full['ds'] > last_actual_date]
         plt.plot(forecast_future['ds'], forecast_future['yhat'], label='Forecast', color='orange')
         # Include the forecast uncertainty
         plt.fill_between(forecast_future['ds'],
                          forecast_future['yhat_lower'],
                          forecast_future['yhat_upper'],
                          color='gray', alpha=0.5)
         plt.xlabel('Date')
         plt.ylabel('Complaint Count')
         plt.title('Extended Complaint Forecast Including 2024 and 2025')
         plt.legend()
         plt.show()
```



TUNING FACEBOOK PROPHET WITH DIFFETRENT CHANGE POINT PRIOR SCALE AND N CHANGE POINTS AND SEASONALITY MODE

```
In [99]:
         import pandas as pd
         from prophet import Prophet
         from prophet.diagnostics import cross_validation, performance_metrics
         from sklearn.model_selection import ParameterGrid
         import numpy as np
         # weekly count of unique 'Complaint ID'
         weekly complaints = df joined['Complaint ID'].resample('W').nunique().reset index(name='Complain'
         # Prepare DataFrame
         df_prophet = weekly_complaints.rename(columns={'Date received': 'ds', 'Complaint Count': 'y'})
         # Hyperparameter tuning grid prep
         param_grid = {
             'changepoint_prior_scale': [0.01, 0.1, 0.5],
             'n_changepoints': [20, 30, 40],
             'seasonality_mode': ['additive', 'multiplicative'],
             # Add more parameters if needed
         }
         # parameters combinations
         all params = list(ParameterGrid(param grid))
         rmses = [] # To store the RMSE for each model
         # Loop through all combinations of parameters
         for params in all params:
             # Initialize and fit a Prophet model with the current set of parameters
             m = Prophet(**params)
             m.fit(df_prophet)
             # Perform cross-validation
             df cv = cross validation(m, initial='730 days', period='180 days', horizon='365 days', paral
             # Performance metrics
             df_p = performance_metrics(df_cv, rolling_window=1)
             # Calculating RMSE and append to list
             rmses.append(df_p['rmse'].mean())
         # Best parameters and corresponding RMSE
         best index = np.argmin(rmses)
         best_params = all_params[best_index]
         best_rmse = rmses[best_index]
         print(f"Best Parameters: {best params}")
         print(f"Best RMSE: {best_rmse}")
```

```
21:14:02 - cmdstanpy - INFO - Chain [1] start processing
21:14:02 - cmdstanpy - INFO - Chain [1] done processing
21:14:08 - cmdstanpy - INFO - Chain [1] start processing
21:14:08 - cmdstanpy - INFO - Chain [1] done processing
21:14:12 - cmdstanpy - INFO - Chain [1] start processing
21:14:12 - cmdstanpy - INFO - Chain [1] done processing
21:14:16 - cmdstanpy - INFO - Chain [1] start processing
21:14:16 - cmdstanpy - INFO - Chain [1] done processing
21:14:19 - cmdstanpy - INFO - Chain [1] start processing
21:14:20 - cmdstanpy - INFO - Chain [1] done processing
21:14:23 - cmdstanpy - INFO - Chain [1] start processing
21:14:23 - cmdstanpy - INFO - Chain [1] done processing
21:14:27 - cmdstanpy - INFO - Chain [1] start processing
21:14:27 - cmdstanpy - INFO - Chain [1] done processing
21:14:31 - cmdstanpy - INFO - Chain [1] start processing
21:14:31 - cmdstanpy - INFO - Chain [1] done processing
21:14:35 - cmdstanpy - INFO - Chain [1] start processing
21:14:35 - cmdstanpy - INFO - Chain [1] done processing
21:14:39 - cmdstanpy - INFO - Chain [1] start processing
21:14:39 - cmdstanpy - INFO - Chain [1] done processing
21:14:43 - cmdstanpy - INFO - Chain [1] start processing
21:14:43 - cmdstanpy - INFO - Chain [1] done processing
21:14:47 - cmdstanpy - INFO - Chain [1] start processing
21:14:47 - cmdstanpy - INFO - Chain [1] done processing
21:14:50 - cmdstanpy - INFO - Chain [1] start processing
21:14:50 - cmdstanpy - INFO - Chain [1] done processing
21:14:54 - cmdstanpy - INFO - Chain [1] start processing
21:14:54 - cmdstanpy - INFO - Chain [1] done processing
21:14:57 - cmdstanpy - INFO - Chain [1] start processing
21:14:58 - cmdstanpy - INFO - Chain [1] done processing
21:15:01 - cmdstanpy - INFO - Chain [1] start processing
21:15:01 - cmdstanpy - INFO - Chain [1] done processing
21:15:05 - cmdstanpy - INFO - Chain [1] start processing
21:15:05 - cmdstanpy - INFO - Chain [1] done processing
21:15:08 - cmdstanpy - INFO - Chain [1] start processing
21:15:08 - cmdstanpy - INFO - Chain [1] done processing
Best Parameters: {'changepoint_prior_scale': 0.01, 'n_changepoints': 30, 'seasonality_mode': 'ad
ditive'}
Best RMSE: 2743.8958841878907
```

FURTHER TUNING OF FACE BOOK PROPHET WITH ADDED PARAMETERS

```
In [100...
          import pandas as pd
          from prophet import Prophet
          from prophet.diagnostics import cross_validation, performance_metrics
          from sklearn.model_selection import ParameterGrid
          import numpy as np
          # Weekly count of unique 'Complaint ID'
          weekly complaints = df joined['Complaint ID'].resample('W').nunique().reset index(name='Complain'
          # DataFrame for Prophet
          df_prophet = weekly_complaints.rename(columns={'Date received': 'ds', 'Complaint Count': 'y'})
          df_prophet['cap'] = df_prophet['y'].max() * 1.5 # cap setting at 150% of current max
          # Hyperparameter tuning grid prep
          param grid = {
              'growth': ['linear', 'logistic'], # Logistic requires 'cap' in df_prophet
              'changepoint_prior_scale': [0.01, 0.1, 0.5],
              'n_changepoints': [20, 30, 40],
              'seasonality_mode': ['additive', 'multiplicative'],
              'changepoint_range': [0.8, 0.9] # Controls the flexibility of the trend
          # parameters
          all_params = list(ParameterGrid(param_grid))
          rmses = []
          # Loop through all combinations of parameters
          for params in all_params:
              m = Prophet(**params)
              m.fit(df prophet)
              # cross-validation
              df cv = cross validation(m, initial='730 days', period='180 days', horizon='365 days', paral
              # performance metrics
              df_p = performance_metrics(df_cv, rolling_window=1)
              rmses.append(df p['rmse'].mean())
          # best parameters and corresponding RMSE
          best index = np.argmin(rmses)
          best params = all params[best index]
          best_rmse = rmses[best_index]
          print(f"Best Parameters: {best params}")
          print(f"Best RMSE: {best rmse}")
```

```
21:15:52 - cmdstanpy - INFO - Chain [1] start processing
21:15:52 - cmdstanpy - INFO - Chain [1] done processing
21:15:56 - cmdstanpy - INFO - Chain [1] start processing
21:15:56 - cmdstanpy - INFO - Chain [1] done processing
21:16:00 - cmdstanpy - INFO - Chain [1] start processing
21:16:00 - cmdstanpy - INFO - Chain [1] done processing
21:16:04 - cmdstanpy - INFO - Chain [1] start processing
21:16:04 - cmdstanpy - INFO - Chain [1] done processing
21:16:08 - cmdstanpy - INFO - Chain [1] start processing
21:16:08 - cmdstanpy - INFO - Chain [1] done processing
21:16:13 - cmdstanpy - INFO - Chain [1] start processing
21:16:13 - cmdstanpy - INFO - Chain [1] done processing
21:16:17 - cmdstanpy - INFO - Chain [1] start processing
21:16:17 - cmdstanpy - INFO - Chain [1] done processing
21:16:21 - cmdstanpy - INFO - Chain [1] start processing
21:16:21 - cmdstanpy - INFO - Chain [1] done processing
21:16:25 - cmdstanpy - INFO - Chain [1] start processing
21:16:25 - cmdstanpy - INFO - Chain [1] done processing
21:16:29 - cmdstanpy - INFO - Chain [1] start processing
21:16:29 - cmdstanpy - INFO - Chain [1] done processing
21:16:32 - cmdstanpy - INFO - Chain [1] start processing
21:16:32 - cmdstanpy - INFO - Chain [1] done processing
21:16:36 - cmdstanpy - INFO - Chain [1] start processing
21:16:36 - cmdstanpy - INFO - Chain [1] done processing
21:16:39 - cmdstanpy - INFO - Chain [1] start processing
21:16:39 - cmdstanpy - INFO - Chain [1] done processing
21:16:43 - cmdstanpy - INFO - Chain [1] start processing
21:16:43 - cmdstanpy - INFO - Chain [1] done processing
21:16:46 - cmdstanpy - INFO - Chain [1] start processing
21:16:47 - cmdstanpy - INFO - Chain [1] done processing
21:16:50 - cmdstanpy - INFO - Chain [1] start processing
21:16:50 - cmdstanpy - INFO - Chain [1] done processing
21:16:53 - cmdstanpy - INFO - Chain [1] start processing
21:16:54 - cmdstanpy - INFO - Chain [1] done processing
21:16:57 - cmdstanpy - INFO - Chain [1] start processing
21:16:57 - cmdstanpy - INFO - Chain [1] done processing
21:17:00 - cmdstanpy - INFO - Chain [1] start processing
21:17:00 - cmdstanpy - INFO - Chain [1] done processing
21:17:04 - cmdstanpy - INFO - Chain [1] start processing
21:17:04 - cmdstanpy - INFO - Chain [1] done processing
21:17:07 - cmdstanpy - INFO - Chain [1] start processing
21:17:08 - cmdstanpy - INFO - Chain [1] done processing
21:17:11 - cmdstanpy - INFO - Chain [1] start processing
21:17:11 - cmdstanpy - INFO - Chain [1] done processing
21:17:15 - cmdstanpy - INFO - Chain [1] start processing
21:17:15 - cmdstanpy - INFO - Chain [1] done processing
21:17:18 - cmdstanpy - INFO - Chain [1] start processing
21:17:18 - cmdstanpy - INFO - Chain [1] done processing
21:17:22 - cmdstanpy - INFO - Chain [1] start processing
21:17:22 - cmdstanpy - INFO - Chain [1] done processing
21:17:25 - cmdstanpy - INFO - Chain [1] start processing
21:17:26 - cmdstanpy - INFO - Chain [1] done processing
21:17:29 - cmdstanpy - INFO - Chain [1] start processing
21:17:29 - cmdstanpy - INFO - Chain [1] done processing
21:17:33 - cmdstanpy - INFO - Chain [1] start processing
21:17:33 - cmdstanpy - INFO - Chain [1] done processing
21:17:36 - cmdstanpy - INFO - Chain [1] start processing
21:17:37 - cmdstanpy - INFO - Chain [1] done processing
21:17:40 - cmdstanpy - INFO - Chain [1] start processing
21:17:40 - cmdstanpy - INFO - Chain [1] done processing
21:17:43 - cmdstanpy - INFO - Chain [1] start processing
21:17:44 - cmdstanpy - INFO - Chain [1] done processing
21:17:47 - cmdstanpy - INFO - Chain [1] start processing
21:17:47 - cmdstanpy - INFO - Chain [1] done processing
```

```
21:17:51 - cmdstanpy - INFO - Chain [1] start processing
21:17:51 - cmdstanpy - INFO - Chain [1] done processing
21:17:54 - cmdstanpy - INFO - Chain [1] start processing
21:17:55 - cmdstanpy - INFO - Chain [1] done processing
21:17:58 - cmdstanpy - INFO - Chain [1] start processing
21:17:58 - cmdstanpy - INFO - Chain [1] done processing
21:18:02 - cmdstanpy - INFO - Chain [1] start processing
21:18:02 - cmdstanpy - INFO - Chain [1] done processing
21:18:05 - cmdstanpy - INFO - Chain [1] start processing
21:18:05 - cmdstanpy - INFO - Chain [1] done processing
21:18:09 - cmdstanpy - INFO - Chain [1] start processing
21:18:09 - cmdstanpy - INFO - Chain [1] done processing
21:18:12 - cmdstanpy - INFO - Chain [1] start processing
21:18:12 - cmdstanpy - INFO - Chain [1] done processing
21:18:16 - cmdstanpy - INFO - Chain [1] start processing
21:18:16 - cmdstanpy - INFO - Chain [1] done processing
21:18:19 - cmdstanpy - INFO - Chain [1] start processing
21:18:19 - cmdstanpy - INFO - Chain [1] done processing
21:18:23 - cmdstanpy - INFO - Chain [1] start processing
21:18:23 - cmdstanpy - INFO - Chain [1] done processing
21:18:27 - cmdstanpy - INFO - Chain [1] start processing
21:18:27 - cmdstanpy - INFO - Chain [1] done processing
21:18:31 - cmdstanpy - INFO - Chain [1] start processing
21:18:31 - cmdstanpy - INFO - Chain [1] done processing
21:18:35 - cmdstanpy - INFO - Chain [1] start processing
21:18:35 - cmdstanpy - INFO - Chain [1] done processing
21:18:38 - cmdstanpy - INFO - Chain [1] start processing
21:18:38 - cmdstanpy - INFO - Chain [1] done processing
21:18:42 - cmdstanpy - INFO - Chain [1] start processing
21:18:42 - cmdstanpy - INFO - Chain [1] done processing
21:18:46 - cmdstanpy - INFO - Chain [1] start processing
21:18:46 - cmdstanpy - INFO - Chain [1] done processing
21:18:49 - cmdstanpy - INFO - Chain [1] start processing
21:18:49 - cmdstanpy - INFO - Chain [1] done processing
21:18:53 - cmdstanpy - INFO - Chain [1] start processing
21:18:53 - cmdstanpy - INFO - Chain [1] done processing
21:18:56 - cmdstanpy - INFO - Chain [1] start processing
21:18:57 - cmdstanpy - INFO - Chain [1] done processing
21:19:00 - cmdstanpy - INFO - Chain [1] start processing
21:19:00 - cmdstanpy - INFO - Chain [1] done processing
21:19:04 - cmdstanpy - INFO - Chain [1] start processing
21:19:04 - cmdstanpy - INFO - Chain [1] done processing
21:19:07 - cmdstanpy - INFO - Chain [1] start processing
21:19:08 - cmdstanpy - INFO - Chain [1] done processing
21:19:11 - cmdstanpy - INFO - Chain [1] start processing
21:19:11 - cmdstanpy - INFO - Chain [1] done processing
21:19:15 - cmdstanpy - INFO - Chain [1] start processing
21:19:15 - cmdstanpy - INFO - Chain [1] done processing
21:19:18 - cmdstanpy - INFO - Chain [1] start processing
21:19:19 - cmdstanpy - INFO - Chain [1] done processing
21:19:22 - cmdstanpy - INFO - Chain [1] start processing
21:19:22 - cmdstanpy - INFO - Chain [1] done processing
21:19:26 - cmdstanpy - INFO - Chain [1] start processing
21:19:26 - cmdstanpy - INFO - Chain [1] done processing
21:19:30 - cmdstanpy - INFO - Chain [1] start processing
21:19:30 - cmdstanpy - INFO - Chain [1] done processing
21:19:34 - cmdstanpy - INFO - Chain [1] start processing
21:19:34 - cmdstanpy - INFO - Chain [1] done processing
21:19:38 - cmdstanpy - INFO - Chain [1] start processing
21:19:38 - cmdstanpy - INFO - Chain [1] done processing
21:19:41 - cmdstanpy - INFO - Chain [1] start processing
21:19:42 - cmdstanpy - INFO - Chain [1] done processing
21:19:45 - cmdstanpy - INFO - Chain [1] start processing
21:19:45 - cmdstanpy - INFO - Chain [1] done processing
```

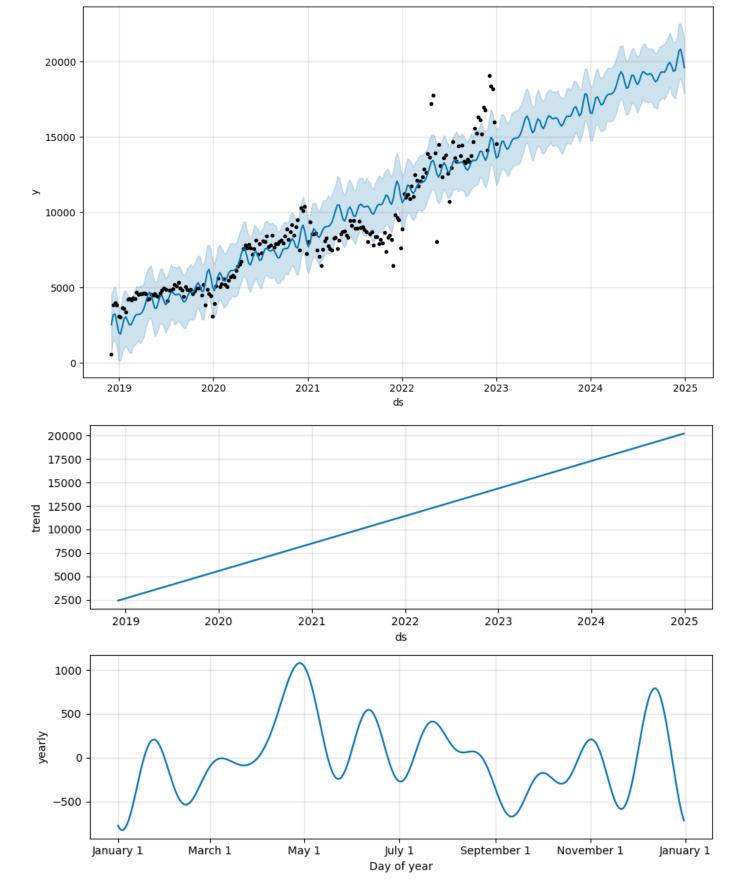
```
21:19:49 - cmdstanpy - INFO - Chain [1] start processing
21:19:49 - cmdstanpy - INFO - Chain [1] done processing
21:19:52 - cmdstanpy - INFO - Chain [1] start processing
21:19:52 - cmdstanpy - INFO - Chain [1] done processing
21:19:56 - cmdstanpy - INFO - Chain [1] start processing
21:19:56 - cmdstanpy - INFO - Chain [1] done processing
21:19:59 - cmdstanpy - INFO - Chain [1] start processing
21:19:59 - cmdstanpy - INFO - Chain [1] done processing
21:20:03 - cmdstanpy - INFO - Chain [1] start processing
21:20:03 - cmdstanpy - INFO - Chain [1] done processing
21:20:07 - cmdstanpy - INFO - Chain [1] start processing
21:20:07 - cmdstanpy - INFO - Chain [1] done processing
21:20:11 - cmdstanpy - INFO - Chain [1] start processing
21:20:12 - cmdstanpy - INFO - Chain [1] done processing
21:20:15 - cmdstanpy - INFO - Chain [1] start processing
21:20:16 - cmdstanpy - INFO - Chain [1] done processing
Best Parameters: {'changepoint_prior_scale': 0.01, 'changepoint_range': 0.8, 'growth': 'linear',
'n changepoints': 30, 'seasonality mode': 'additive'}
Best RMSE: 2743.8958841878907
```

BEST PERMORNING MODEL SO FAR - 3/24/2024

21:20:25 - cmdstanpy - INFO - Chain [1] done processing

MAE for the best model: 2372.9581018810727 MSE for the best model: 7819856.6851214925

```
In [101...
          from prophet.plot import plot plotly, plot components plotly
          # Refit model with best parameters
          best_model = Prophet(
              changepoint prior scale=0.01,
              changepoint range=0.9,
              growth='linear',
              n_changepoints=20,
              seasonality mode='additive'
          best_model.fit(df_prophet)
          # cross-validation for the best model
          df cv = cross validation(best model, initial='730 days', period='180 days', horizon='365 days', |
          df_p = performance_metrics(df_cv, rolling_window=1)
          # Extracting MAE and MSE for the best model
          mae = df_p['mae'].mean()
          mse = df_p['mse'].mean()
          print(f"MAE for the best model: {mae}")
          print(f"MSE for the best model: {mse}")
          # Future dataframe for forecasting with the best model
          future = best model.make future dataframe(periods=104, freq='W') # Forecasting for the next 2 ye
          # Predicting with the best model
          forecast = best_model.predict(future)
          # Plot the forecast
          fig1 = best_model.plot(forecast)
          fig2 = best_model.plot_components(forecast)
          21:20:25 - cmdstanpy - INFO - Chain [1] start processing
```



```
In [102... # df_joined is the DataFrame and it contains 'Company' and 'State' columns
unique_combinations = df_joined.groupby(['Company', 'State']).ngroups
print(f"Number of unique Company and State combinations: {unique_combinations}")
```

Number of unique Company and State combinations: 37112

In [120... df_joined.columns

This script identifies the top 100 companies by total unique complaint counts, then performs forecasting for each company-state pair within those companies for the next two years.

The forecasting model is configured with the specified best parameters. The final dataset, containing forecasts for 2023 and 2024, is saved to a CSV file, which can be imported into Tableau for visualization and analysis. Ensure the df_joined DataFrame is loaded with the data and contains the necessary columns ('Date received', 'Company', 'State', 'Complaint ID') before running the script.

```
In [125...
          import pandas as pd
          from prophet import Prophet
          # Identify the top 100 companies based on the total number of complaints
          top_100_companies = df_joined.groupby('Company')['Complaint ID'].nunique().nlargest(10).index
          # Include only data for the top 100 companies
          df top 100 = df joined[df joined['Company'].isin(top 100 companies)]
          df_top_100['Date received'] = pd.to_datetime(df_top_100['Date received'])
          df top 100.set index('Date received', inplace=True)
          # Initialize an empty DataFrame to store all forecasts
          all_forecasts = pd.DataFrame()
          # LOOPING over each company and state combination within top 100 companies
          for (company, state), group in df_top_100.groupby(['Company', 'State']):
              # Data for the Prophet model
              df_prophet = group.resample('W').nunique()['Complaint ID'].reset_index()
              df_prophet.columns = ['ds', 'y']
              # Check if there's enough data to fit the model
              if len(df prophet) < 2:</pre>
                  continue # Skip this group if not enough data
              # Initializing the Prophet model with the best parameters
              m = Prophet(
                  changepoint_prior_scale=0.01,
                  changepoint_range=0.9,
                  growth='linear',
                  n_changepoints=20,
                  seasonality_mode='additive'
              m.fit(df_prophet)
              # Create a DataFrame for future predictions (next 2 years)
              future = m.make_future_dataframe(periods=104, freq='W') # Approx. 2 years of weekly data
              # Make predictions
              forecast = m.predict(future)
              # Keep necessary columns and add 'Company' and 'State'
              forecast_filtered = forecast[['ds', 'yhat', 'yhat_lower', 'yhat_upper']].copy()
              # Use .loc for a more explicit assignment
              forecast filtered.loc[:, 'Company'] = company
              forecast_filtered.loc[:, 'State'] = state
              all_forecasts = pd.concat([all_forecasts, forecast_filtered])
          # Keep only 2023 and 2024
          all_forecasts['Year'] = all_forecasts['ds'].dt.year
          all_forecasts = all_forecasts[all_forecasts['Year'].isin([2023, 2024])]
          # Save the forecasts to a CSV file
          all_forecasts.to_csv('C:\\Users\\Lenovo\\Downloads\\weekly_complaint_forecasts_2023_2024_top_10_
```

A value is trying to be set on a copy of a slice from a DataFrame. Try using .loc[row indexer,col indexer] = value instead

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/in dexing.html#returning-a-view-versus-a-copy

```
23:09:20 - cmdstanpy - INFO - Chain [1] start processing
23:09:20 - cmdstanpy - INFO - Chain [1] done processing
23:09:21 - cmdstanpy - INFO - Chain [1] start processing
23:09:21 - cmdstanpy - INFO - Chain [1] done processing
23:09:22 - cmdstanpy - INFO - Chain [1] start processing
23:09:22 - cmdstanpy - INFO - Chain [1] done processing
23:09:22 - cmdstanpy - INFO - Chain [1] start processing
23:09:22 - cmdstanpy - INFO - Chain [1] done processing
23:09:23 - cmdstanpy - INFO - Chain [1] start processing
23:09:23 - cmdstanpy - INFO - Chain [1] done processing
23:09:23 - cmdstanpy - INFO - Chain [1] start processing
23:09:23 - cmdstanpy - INFO - Chain [1] done processing
23:09:24 - cmdstanpy - INFO - Chain [1] start processing
23:09:24 - cmdstanpy - INFO - Chain [1] done processing
23:09:24 - cmdstanpy - INFO - Chain [1] start processing
23:09:24 - cmdstanpy - INFO - Chain [1] done processing
23:09:24 - cmdstanpy - INFO - Chain [1] start processing
23:09:25 - cmdstanpy - INFO - Chain [1] done processing
23:09:25 - cmdstanpy - INFO - Chain [1] start processing
23:09:25 - cmdstanpy - INFO - Chain [1] done processing
23:09:25 - cmdstanpy - INFO - Chain [1] start processing
23:09:25 - cmdstanpy - INFO - Chain [1] done processing
23:09:26 - cmdstanpy - INFO - Chain [1] start processing
23:09:26 - cmdstanpy - INFO - Chain [1] done processing
23:09:26 - cmdstanpy - INFO - Chain [1] start processing
23:09:26 - cmdstanpy - INFO - Chain [1] done processing
23:09:26 - cmdstanpy - INFO - Chain [1] start processing
23:09:26 - cmdstanpy - INFO - Chain [1] done processing
23:09:27 - cmdstanpy - INFO - Chain [1] start processing
23:09:27 - cmdstanpy - INFO - Chain [1] done processing
23:09:27 - cmdstanpy - INFO - Chain [1] start processing
23:09:27 - cmdstanpy - INFO - Chain [1] done processing
23:09:27 - cmdstanpy - INFO - Chain [1] start processing
23:09:27 - cmdstanpy - INFO - Chain [1] done processing
23:09:28 - cmdstanpy - INFO - Chain [1] start processing
23:09:28 - cmdstanpy - INFO - Chain [1] done processing
23:09:28 - cmdstanpy - INFO - Chain [1] start processing
23:09:28 - cmdstanpy - INFO - Chain [1] done processing
23:09:28 - cmdstanpy - INFO - Chain [1] start processing
23:09:28 - cmdstanpy - INFO - Chain [1] done processing
23:09:29 - cmdstanpy - INFO - Chain [1] start processing
23:09:29 - cmdstanpy - INFO - Chain [1] done processing
23:09:29 - cmdstanpy - INFO - Chain [1] start processing
23:09:29 - cmdstanpy - INFO - Chain [1] done processing
23:09:30 - cmdstanpy - INFO - Chain [1] start processing
23:09:30 - cmdstanpy - INFO - Chain [1] done processing
23:09:30 - cmdstanpy - INFO - Chain [1] start processing
23:09:30 - cmdstanpy - INFO - Chain [1] done processing
23:09:30 - cmdstanpy - INFO - Chain [1] start processing
23:09:30 - cmdstanpy - INFO - Chain [1] done processing
23:09:31 - cmdstanpy - INFO - Chain [1] start processing
23:09:31 - cmdstanpy - INFO - Chain [1] done processing
23:09:31 - cmdstanpy - INFO - Chain [1] start processing
23:09:31 - cmdstanpy - INFO - Chain [1] done processing
23:09:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:09:31 - cmdstanpy - INFO - Chain [1] done processing
23:09:32 - cmdstanpy - INFO - Chain [1] start processing
23:09:32 - cmdstanpy - INFO - Chain [1] done processing
23:09:32 - cmdstanpy - INFO - Chain [1] start processing
23:09:32 - cmdstanpy - INFO - Chain [1] done processing
23:09:32 - cmdstanpy - INFO - Chain [1] start processing
23:09:32 - cmdstanpy - INFO - Chain [1] done processing
23:09:33 - cmdstanpy - INFO - Chain [1] start processing
23:09:33 - cmdstanpy - INFO - Chain [1] done processing
23:09:33 - cmdstanpy - INFO - Chain [1] start processing
23:09:33 - cmdstanpy - INFO - Chain [1] done processing
23:09:33 - cmdstanpy - INFO - Chain [1] start processing
23:09:34 - cmdstanpy - INFO - Chain [1] done processing
23:09:34 - cmdstanpy - INFO - Chain [1] start processing
23:09:34 - cmdstanpy - INFO - Chain [1] done processing
23:09:34 - cmdstanpy - INFO - Chain [1] start processing
23:09:34 - cmdstanpy - INFO - Chain [1] done processing
23:09:35 - cmdstanpy - INFO - Chain [1] start processing
23:09:35 - cmdstanpy - INFO - Chain [1] done processing
23:09:35 - cmdstanpy - INFO - Chain [1] start processing
23:09:35 - cmdstanpy - INFO - Chain [1] done processing
23:09:35 - cmdstanpy - INFO - Chain [1] start processing
23:09:35 - cmdstanpy - INFO - Chain [1] done processing
23:09:36 - cmdstanpy - INFO - Chain [1] start processing
23:09:36 - cmdstanpy - INFO - Chain [1] done processing
23:09:36 - cmdstanpy - INFO - Chain [1] start processing
23:09:36 - cmdstanpy - INFO - Chain [1] done processing
23:09:36 - cmdstanpy - INFO - Chain [1] start processing
23:09:36 - cmdstanpy - INFO - Chain [1] done processing
23:09:37 - cmdstanpy - INFO - Chain [1] start processing
23:09:37 - cmdstanpy - INFO - Chain [1] done processing
23:09:37 - cmdstanpy - INFO - Chain [1] start processing
23:09:37 - cmdstanpy - INFO - Chain [1] done processing
23:09:37 - cmdstanpy - INFO - Chain [1] start processing
23:09:37 - cmdstanpy - INFO - Chain [1] done processing
23:09:38 - cmdstanpy - INFO - Chain [1] start processing
23:09:38 - cmdstanpy - INFO - Chain [1] done processing
23:09:38 - cmdstanpy - INFO - Chain [1] start processing
23:09:38 - cmdstanpy - INFO - Chain [1] done processing
23:09:38 - cmdstanpy - INFO - Chain [1] start processing
23:09:38 - cmdstanpy - INFO - Chain [1] done processing
23:09:39 - cmdstanpy - INFO - Chain [1] start processing
23:09:39 - cmdstanpy - INFO - Chain [1] done processing
23:09:39 - cmdstanpy - INFO - Chain [1] start processing
23:09:39 - cmdstanpy - INFO - Chain [1] done processing
23:09:39 - cmdstanpy - INFO - Chain [1] start processing
23:09:40 - cmdstanpy - INFO - Chain [1] done processing
23:09:40 - cmdstanpy - INFO - Chain [1] start processing
23:09:40 - cmdstanpy - INFO - Chain [1] done processing
23:09:40 - cmdstanpy - INFO - Chain [1] start processing
23:09:40 - cmdstanpy - INFO - Chain [1] done processing
23:09:40 - cmdstanpy - INFO - Chain [1] start processing
23:09:41 - cmdstanpy - INFO - Chain [1] done processing
23:09:41 - cmdstanpy - INFO - Chain [1] start processing
23:09:41 - cmdstanpy - INFO - Chain [1] done processing
23:09:41 - cmdstanpy - INFO - Chain [1] start processing
23:09:41 - cmdstanpy - INFO - Chain [1] done processing
23:09:41 - cmdstanpy - INFO - Chain [1] start processing
23:09:42 - cmdstanpy - INFO - Chain [1] done processing
23:09:42 - cmdstanpy - INFO - Chain [1] start processing
23:09:42 - cmdstanpy - INFO - Chain [1] done processing
23:09:42 - cmdstanpy - INFO - Chain [1] start processing
23:09:42 - cmdstanpy - INFO - Chain [1] done processing
23:09:43 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:09:43 - cmdstanpy - INFO - Chain [1] done processing
23:09:43 - cmdstanpy - INFO - Chain [1] start processing
23:09:43 - cmdstanpy - INFO - Chain [1] done processing
23:09:43 - cmdstanpy - INFO - Chain [1] start processing
23:09:43 - cmdstanpy - INFO - Chain [1] done processing
23:09:43 - cmdstanpy - INFO - Chain [1] start processing
23:09:44 - cmdstanpy - INFO - Chain [1] done processing
23:09:44 - cmdstanpy - INFO - Chain [1] start processing
23:09:44 - cmdstanpy - INFO - Chain [1] done processing
23:09:44 - cmdstanpy - INFO - Chain [1] start processing
23:09:44 - cmdstanpy - INFO - Chain [1] done processing
23:09:44 - cmdstanpy - INFO - Chain [1] start processing
23:09:45 - cmdstanpy - INFO - Chain [1] done processing
23:09:45 - cmdstanpy - INFO - Chain [1] start processing
23:09:45 - cmdstanpy - INFO - Chain [1] done processing
23:09:45 - cmdstanpy - INFO - Chain [1] start processing
23:09:45 - cmdstanpy - INFO - Chain [1] done processing
23:09:45 - cmdstanpy - INFO - Chain [1] start processing
23:09:46 - cmdstanpy - INFO - Chain [1] done processing
23:09:46 - cmdstanpy - INFO - Chain [1] start processing
23:09:46 - cmdstanpy - INFO - Chain [1] done processing
23:09:46 - cmdstanpy - INFO - Chain [1] start processing
23:09:46 - cmdstanpy - INFO - Chain [1] done processing
23:09:46 - cmdstanpy - INFO - Chain [1] start processing
23:09:47 - cmdstanpy - INFO - Chain [1] done processing
23:09:47 - cmdstanpy - INFO - Chain [1] start processing
23:09:47 - cmdstanpy - INFO - Chain [1] done processing
23:09:47 - cmdstanpy - INFO - Chain [1] start processing
23:09:47 - cmdstanpy - INFO - Chain [1] done processing
23:09:47 - cmdstanpy - INFO - Chain [1] start processing
23:09:48 - cmdstanpy - INFO - Chain [1] done processing
23:09:48 - cmdstanpy - INFO - Chain [1] start processing
23:09:48 - cmdstanpy - INFO - Chain [1] done processing
23:09:48 - cmdstanpy - INFO - Chain [1] start processing
23:09:48 - cmdstanpy - INFO - Chain [1] done processing
23:09:48 - cmdstanpy - INFO - Chain [1] start processing
23:09:49 - cmdstanpy - INFO - Chain [1] done processing
23:09:49 - cmdstanpy - INFO - Chain [1] start processing
23:09:49 - cmdstanpy - INFO - Chain [1] done processing
23:09:49 - cmdstanpy - INFO - Chain [1] start processing
23:09:49 - cmdstanpy - INFO - Chain [1] done processing
23:09:49 - cmdstanpy - INFO - Chain [1] start processing
23:09:50 - cmdstanpy - INFO - Chain [1] done processing
23:09:50 - cmdstanpy - INFO - Chain [1] start processing
23:09:50 - cmdstanpy - INFO - Chain [1] done processing
23:09:50 - cmdstanpy - INFO - Chain [1] start processing
23:09:50 - cmdstanpy - INFO - Chain [1] done processing
23:09:50 - cmdstanpy - INFO - Chain [1] start processing
23:09:51 - cmdstanpy - INFO - Chain [1] done processing
23:09:51 - cmdstanpy - INFO - Chain [1] start processing
23:09:51 - cmdstanpy - INFO - Chain [1] done processing
23:09:51 - cmdstanpy - INFO - Chain [1] start processing
23:09:51 - cmdstanpy - INFO - Chain [1] done processing
23:09:51 - cmdstanpy - INFO - Chain [1] start processing
23:09:52 - cmdstanpy - INFO - Chain [1] done processing
23:09:52 - cmdstanpy - INFO - Chain [1] start processing
23:09:52 - cmdstanpy - INFO - Chain [1] done processing
23:09:52 - cmdstanpy - INFO - Chain [1] start processing
23:09:52 - cmdstanpy - INFO - Chain [1] done processing
23:09:52 - cmdstanpy - INFO - Chain [1] start processing
23:09:53 - cmdstanpy - INFO - Chain [1] done processing
23:09:53 - cmdstanpy - INFO - Chain [1] start processing
23:09:53 - cmdstanpy - INFO - Chain [1] done processing
23:09:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:09:53 - cmdstanpy - INFO - Chain [1] done processing
23:09:53 - cmdstanpy - INFO - Chain [1] start processing
23:09:54 - cmdstanpy - INFO - Chain [1] done processing
23:09:54 - cmdstanpy - INFO - Chain [1] start processing
23:09:54 - cmdstanpy - INFO - Chain [1] done processing
23:09:54 - cmdstanpy - INFO - Chain [1] start processing
23:09:54 - cmdstanpy - INFO - Chain [1] done processing
23:09:55 - cmdstanpy - INFO - Chain [1] start processing
23:09:55 - cmdstanpy - INFO - Chain [1] done processing
23:09:55 - cmdstanpy - INFO - Chain [1] start processing
23:09:55 - cmdstanpy - INFO - Chain [1] done processing
23:09:55 - cmdstanpy - INFO - Chain [1] start processing
23:09:55 - cmdstanpy - INFO - Chain [1] done processing
23:09:56 - cmdstanpy - INFO - Chain [1] start processing
23:09:56 - cmdstanpy - INFO - Chain [1] done processing
23:09:56 - cmdstanpy - INFO - Chain [1] start processing
23:09:56 - cmdstanpy - INFO - Chain [1] done processing
23:09:56 - cmdstanpy - INFO - Chain [1] start processing
23:09:56 - cmdstanpy - INFO - Chain [1] done processing
23:09:57 - cmdstanpy - INFO - Chain [1] start processing
23:09:57 - cmdstanpy - INFO - Chain [1] done processing
23:09:57 - cmdstanpy - INFO - Chain [1] start processing
23:09:57 - cmdstanpy - INFO - Chain [1] done processing
23:09:58 - cmdstanpy - INFO - Chain [1] start processing
23:09:58 - cmdstanpy - INFO - Chain [1] done processing
23:09:58 - cmdstanpy - INFO - Chain [1] start processing
23:09:58 - cmdstanpy - INFO - Chain [1] done processing
23:09:58 - cmdstanpy - INFO - Chain [1] start processing
23:09:58 - cmdstanpy - INFO - Chain [1] done processing
23:09:59 - cmdstanpy - INFO - Chain [1] start processing
23:09:59 - cmdstanpy - INFO - Chain [1] done processing
23:09:59 - cmdstanpy - INFO - Chain [1] start processing
23:09:59 - cmdstanpy - INFO - Chain [1] done processing
23:09:59 - cmdstanpy - INFO - Chain [1] start processing
23:09:59 - cmdstanpy - INFO - Chain [1] done processing
23:10:00 - cmdstanpy - INFO - Chain [1] start processing
23:10:00 - cmdstanpy - INFO - Chain [1] done processing
23:10:00 - cmdstanpy - INFO - Chain [1] start processing
23:10:00 - cmdstanpy - INFO - Chain [1] done processing
23:10:00 - cmdstanpy - INFO - Chain [1] start processing
23:10:00 - cmdstanpy - INFO - Chain [1] done processing
23:10:01 - cmdstanpy - INFO - Chain [1] start processing
23:10:01 - cmdstanpy - INFO - Chain [1] done processing
23:10:01 - cmdstanpy - INFO - Chain [1] start processing
23:10:01 - cmdstanpy - INFO - Chain [1] done processing
23:10:01 - cmdstanpy - INFO - Chain [1] start processing
23:10:01 - cmdstanpy - INFO - Chain [1] done processing
23:10:02 - cmdstanpy - INFO - Chain [1] start processing
23:10:02 - cmdstanpy - INFO - Chain [1] done processing
23:10:02 - cmdstanpy - INFO - Chain [1] start processing
23:10:02 - cmdstanpy - INFO - Chain [1] done processing
23:10:02 - cmdstanpy - INFO - Chain [1] start processing
23:10:02 - cmdstanpy - INFO - Chain [1] done processing
23:10:03 - cmdstanpy - INFO - Chain [1] start processing
23:10:03 - cmdstanpy - INFO - Chain [1] done processing
23:10:03 - cmdstanpy - INFO - Chain [1] start processing
23:10:03 - cmdstanpy - INFO - Chain [1] done processing
23:10:03 - cmdstanpy - INFO - Chain [1] start processing
23:10:04 - cmdstanpy - INFO - Chain [1] done processing
23:10:04 - cmdstanpy - INFO - Chain [1] start processing
23:10:04 - cmdstanpy - INFO - Chain [1] done processing
23:10:04 - cmdstanpy - INFO - Chain [1] start processing
23:10:04 - cmdstanpy - INFO - Chain [1] done processing
23:10:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:10:05 - cmdstanpy - INFO - Chain [1] done processing
23:10:05 - cmdstanpy - INFO - Chain [1] start processing
23:10:05 - cmdstanpy - INFO - Chain [1] done processing
23:10:05 - cmdstanpy - INFO - Chain [1] start processing
23:10:05 - cmdstanpy - INFO - Chain [1] done processing
23:10:05 - cmdstanpy - INFO - Chain [1] start processing
23:10:06 - cmdstanpy - INFO - Chain [1] done processing
23:10:06 - cmdstanpy - INFO - Chain [1] start processing
23:10:06 - cmdstanpy - INFO - Chain [1] done processing
23:10:06 - cmdstanpy - INFO - Chain [1] start processing
23:10:06 - cmdstanpy - INFO - Chain [1] done processing
23:10:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
23:10:06 - cmdstanpy - INFO - Chain [1] start processing
23:10:07 - cmdstanpy - INFO - Chain [1] done processing
23:10:07 - cmdstanpy - INFO - Chain [1] start processing
23:10:07 - cmdstanpy - INFO - Chain [1] done processing
23:10:07 - cmdstanpy - INFO - Chain [1] start processing
23:10:07 - cmdstanpy - INFO - Chain [1] done processing
23:10:08 - cmdstanpy - INFO - Chain [1] start processing
23:10:08 - cmdstanpy - INFO - Chain [1] done processing
23:10:08 - cmdstanpy - INFO - Chain [1] start processing
23:10:08 - cmdstanpy - INFO - Chain [1] done processing
23:10:08 - cmdstanpy - INFO - Chain [1] start processing
23:10:08 - cmdstanpy - INFO - Chain [1] done processing
23:10:09 - cmdstanpy - INFO - Chain [1] start processing
23:10:09 - cmdstanpy - INFO - Chain [1] done processing
23:10:09 - cmdstanpy - INFO - Chain [1] start processing
23:10:09 - cmdstanpy - INFO - Chain [1] done processing
23:10:09 - cmdstanpy - INFO - Chain [1] start processing
23:10:09 - cmdstanpy - INFO - Chain [1] done processing
23:10:10 - cmdstanpy - INFO - Chain [1] start processing
23:10:10 - cmdstanpy - INFO - Chain [1] done processing
23:10:10 - cmdstanpy - INFO - Chain [1] start processing
23:10:10 - cmdstanpy - INFO - Chain [1] done processing
23:10:10 - cmdstanpy - INFO - Chain [1] start processing
23:10:10 - cmdstanpy - INFO - Chain [1] done processing
23:10:11 - cmdstanpy - INFO - Chain [1] start processing
23:10:11 - cmdstanpy - INFO - Chain [1] done processing
23:10:11 - cmdstanpy - INFO - Chain [1] start processing
23:10:11 - cmdstanpy - INFO - Chain [1] done processing
23:10:11 - cmdstanpy - INFO - Chain [1] start processing
23:10:11 - cmdstanpy - INFO - Chain [1] done processing
23:10:12 - cmdstanpy - INFO - Chain [1] start processing
23:10:12 - cmdstanpy - INFO - Chain [1] done processing
23:10:12 - cmdstanpy - INFO - Chain [1] start processing
23:10:12 - cmdstanpy - INFO - Chain [1] done processing
23:10:13 - cmdstanpy - INFO - Chain [1] start processing
23:10:13 - cmdstanpy - INFO - Chain [1] done processing
23:10:13 - cmdstanpy - INFO - Chain [1] start processing
23:10:13 - cmdstanpy - INFO - Chain [1] done processing
23:10:13 - cmdstanpy - INFO - Chain [1] start processing
23:10:13 - cmdstanpy - INFO - Chain [1] done processing
23:10:14 - cmdstanpy - INFO - Chain [1] start processing
23:10:14 - cmdstanpy - INFO - Chain [1] done processing
23:10:14 - cmdstanpy - INFO - Chain [1] start processing
23:10:14 - cmdstanpy - INFO - Chain [1] done processing
23:10:14 - cmdstanpy - INFO - Chain [1] start processing
23:10:14 - cmdstanpy - INFO - Chain [1] done processing
23:10:15 - cmdstanpy - INFO - Chain [1] start processing
23:10:15 - cmdstanpy - INFO - Chain [1] done processing
23:10:15 - cmdstanpy - INFO - Chain [1] start processing
23:10:15 - cmdstanpy - INFO - Chain [1] done processing
23:10:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:10:15 - cmdstanpy - INFO - Chain [1] done processing
23:10:16 - cmdstanpy - INFO - Chain [1] start processing
23:10:16 - cmdstanpy - INFO - Chain [1] done processing
23:10:16 - cmdstanpy - INFO - Chain [1] start processing
23:10:16 - cmdstanpy - INFO - Chain [1] done processing
23:10:16 - cmdstanpy - INFO - Chain [1] start processing
23:10:16 - cmdstanpy - INFO - Chain [1] done processing
23:10:17 - cmdstanpy - INFO - Chain [1] start processing
23:10:17 - cmdstanpy - INFO - Chain [1] done processing
23:10:17 - cmdstanpy - INFO - Chain [1] start processing
23:10:17 - cmdstanpy - INFO - Chain [1] done processing
23:10:17 - cmdstanpy - INFO - Chain [1] start processing
23:10:18 - cmdstanpy - INFO - Chain [1] done processing
23:10:18 - cmdstanpy - INFO - Chain [1] start processing
23:10:18 - cmdstanpy - INFO - Chain [1] done processing
23:10:18 - cmdstanpy - INFO - Chain [1] start processing
23:10:18 - cmdstanpy - INFO - Chain [1] done processing
23:10:18 - cmdstanpy - INFO - Chain [1] start processing
23:10:18 - cmdstanpy - INFO - Chain [1] done processing
23:10:19 - cmdstanpy - INFO - Chain [1] start processing
23:10:19 - cmdstanpy - INFO - Chain [1] done processing
23:10:19 - cmdstanpy - INFO - Chain [1] start processing
23:10:19 - cmdstanpy - INFO - Chain [1] done processing
23:10:20 - cmdstanpy - INFO - Chain [1] start processing
23:10:20 - cmdstanpy - INFO - Chain [1] done processing
23:10:20 - cmdstanpy - INFO - Chain [1] start processing
23:10:20 - cmdstanpy - INFO - Chain [1] done processing
23:10:20 - cmdstanpy - INFO - Chain [1] start processing
23:10:20 - cmdstanpy - INFO - Chain [1] done processing
23:10:21 - cmdstanpy - INFO - Chain [1] start processing
23:10:21 - cmdstanpy - INFO - Chain [1] done processing
23:10:21 - cmdstanpy - INFO - Chain [1] start processing
23:10:21 - cmdstanpy - INFO - Chain [1] done processing
23:10:21 - cmdstanpy - INFO - Chain [1] start processing
23:10:21 - cmdstanpy - INFO - Chain [1] done processing
23:10:22 - cmdstanpy - INFO - Chain [1] start processing
23:10:22 - cmdstanpy - INFO - Chain [1] done processing
23:10:22 - cmdstanpy - INFO - Chain [1] start processing
23:10:22 - cmdstanpy - INFO - Chain [1] done processing
23:10:22 - cmdstanpy - INFO - Chain [1] start processing
23:10:22 - cmdstanpy - INFO - Chain [1] done processing
23:10:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
23:10:22 - cmdstanpy - INFO - Chain [1] start processing
23:10:23 - cmdstanpy - INFO - Chain [1] done processing
23:10:23 - cmdstanpy - INFO - Chain [1] start processing
23:10:23 - cmdstanpy - INFO - Chain [1] done processing
23:10:23 - cmdstanpy - INFO - Chain [1] start processing
23:10:23 - cmdstanpy - INFO - Chain [1] done processing
23:10:24 - cmdstanpy - INFO - Chain [1] start processing
23:10:24 - cmdstanpy - INFO - Chain [1] done processing
23:10:24 - cmdstanpy - INFO - Chain [1] start processing
23:10:24 - cmdstanpy - INFO - Chain [1] done processing
23:10:24 - cmdstanpy - INFO - Chain [1] start processing
23:10:24 - cmdstanpy - INFO - Chain [1] done processing
23:10:25 - cmdstanpy - INFO - Chain [1] start processing
23:10:25 - cmdstanpy - INFO - Chain [1] done processing
23:10:25 - cmdstanpy - INFO - Chain [1] start processing
23:10:25 - cmdstanpy - INFO - Chain [1] done processing
23:10:25 - cmdstanpy - INFO - Chain [1] start processing
23:10:25 - cmdstanpy - INFO - Chain [1] done processing
23:10:26 - cmdstanpy - INFO - Chain [1] start processing
23:10:26 - cmdstanpy - INFO - Chain [1] done processing
23:10:26 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:10:26 - cmdstanpy - INFO - Chain [1] done processing
23:10:27 - cmdstanpy - INFO - Chain [1] start processing
23:10:27 - cmdstanpy - INFO - Chain [1] done processing
23:10:27 - cmdstanpy - INFO - Chain [1] start processing
23:10:27 - cmdstanpy - INFO - Chain [1] done processing
23:10:28 - cmdstanpy - INFO - Chain [1] start processing
23:10:28 - cmdstanpy - INFO - Chain [1] done processing
23:10:28 - cmdstanpy - INFO - Chain [1] start processing
23:10:28 - cmdstanpy - INFO - Chain [1] done processing
23:10:30 - cmdstanpy - INFO - Chain [1] start processing
23:10:30 - cmdstanpy - INFO - Chain [1] done processing
23:10:30 - cmdstanpy - INFO - Chain [1] start processing
23:10:30 - cmdstanpy - INFO - Chain [1] done processing
23:10:31 - cmdstanpy - INFO - Chain [1] start processing
23:10:31 - cmdstanpy - INFO - Chain [1] done processing
23:10:31 - cmdstanpy - INFO - Chain [1] start processing
23:10:31 - cmdstanpy - INFO - Chain [1] done processing
23:10:31 - cmdstanpy - INFO - Chain [1] start processing
23:10:31 - cmdstanpy - INFO - Chain [1] done processing
23:10:32 - cmdstanpy - INFO - Chain [1] start processing
23:10:32 - cmdstanpy - INFO - Chain [1] done processing
23:10:32 - cmdstanpy - INFO - Chain [1] start processing
23:10:32 - cmdstanpy - INFO - Chain [1] done processing
23:10:33 - cmdstanpy - INFO - Chain [1] start processing
23:10:33 - cmdstanpy - INFO - Chain [1] done processing
23:10:33 - cmdstanpy - INFO - Chain [1] start processing
23:10:33 - cmdstanpy - INFO - Chain [1] done processing
23:10:33 - cmdstanpy - INFO - Chain [1] start processing
23:10:33 - cmdstanpy - INFO - Chain [1] done processing
23:10:34 - cmdstanpy - INFO - Chain [1] start processing
23:10:34 - cmdstanpy - INFO - Chain [1] done processing
23:10:34 - cmdstanpy - INFO - Chain [1] start processing
23:10:34 - cmdstanpy - INFO - Chain [1] done processing
23:10:35 - cmdstanpy - INFO - Chain [1] start processing
23:10:35 - cmdstanpy - INFO - Chain [1] done processing
23:10:35 - cmdstanpy - INFO - Chain [1] start processing
23:10:35 - cmdstanpy - INFO - Chain [1] done processing
23:10:35 - cmdstanpy - INFO - Chain [1] start processing
23:10:36 - cmdstanpy - INFO - Chain [1] done processing
23:10:36 - cmdstanpy - INFO - Chain [1] start processing
23:10:36 - cmdstanpy - INFO - Chain [1] done processing
23:10:36 - cmdstanpy - INFO - Chain [1] start processing
23:10:36 - cmdstanpy - INFO - Chain [1] done processing
23:10:37 - cmdstanpy - INFO - Chain [1] start processing
23:10:37 - cmdstanpy - INFO - Chain [1] done processing
23:10:37 - cmdstanpy - INFO - Chain [1] start processing
23:10:37 - cmdstanpy - INFO - Chain [1] done processing
23:10:37 - cmdstanpy - INFO - Chain [1] start processing
23:10:37 - cmdstanpy - INFO - Chain [1] done processing
23:10:38 - cmdstanpy - INFO - Chain [1] start processing
23:10:38 - cmdstanpy - INFO - Chain [1] done processing
23:10:38 - cmdstanpy - INFO - Chain [1] start processing
23:10:38 - cmdstanpy - INFO - Chain [1] done processing
23:10:39 - cmdstanpy - INFO - Chain [1] start processing
23:10:39 - cmdstanpy - INFO - Chain [1] done processing
23:10:39 - cmdstanpy - INFO - Chain [1] start processing
23:10:39 - cmdstanpy - INFO - Chain [1] done processing
23:10:40 - cmdstanpy - INFO - Chain [1] start processing
23:10:40 - cmdstanpy - INFO - Chain [1] done processing
23:10:40 - cmdstanpy - INFO - Chain [1] start processing
23:10:40 - cmdstanpy - INFO - Chain [1] done processing
23:10:41 - cmdstanpy - INFO - Chain [1] start processing
23:10:41 - cmdstanpy - INFO - Chain [1] done processing
23:10:41 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:10:41 - cmdstanpy - INFO - Chain [1] done processing
23:10:42 - cmdstanpy - INFO - Chain [1] start processing
23:10:42 - cmdstanpy - INFO - Chain [1] done processing
23:10:43 - cmdstanpy - INFO - Chain [1] start processing
23:10:43 - cmdstanpy - INFO - Chain [1] done processing
23:10:43 - cmdstanpy - INFO - Chain [1] start processing
23:10:43 - cmdstanpy - INFO - Chain [1] done processing
23:10:43 - cmdstanpy - INFO - Chain [1] start processing
23:10:43 - cmdstanpy - INFO - Chain [1] done processing
23:10:44 - cmdstanpy - INFO - Chain [1] start processing
23:10:44 - cmdstanpy - INFO - Chain [1] done processing
23:10:44 - cmdstanpy - INFO - Chain [1] start processing
23:10:44 - cmdstanpy - INFO - Chain [1] done processing
23:10:45 - cmdstanpy - INFO - Chain [1] start processing
23:10:45 - cmdstanpy - INFO - Chain [1] done processing
23:10:45 - cmdstanpy - INFO - Chain [1] start processing
23:10:45 - cmdstanpy - INFO - Chain [1] done processing
23:10:45 - cmdstanpy - INFO - Chain [1] start processing
23:10:45 - cmdstanpy - INFO - Chain [1] done processing
23:10:46 - cmdstanpy - INFO - Chain [1] start processing
23:10:46 - cmdstanpy - INFO - Chain [1] done processing
23:10:46 - cmdstanpy - INFO - Chain [1] start processing
23:10:46 - cmdstanpy - INFO - Chain [1] done processing
23:10:46 - cmdstanpy - INFO - Chain [1] start processing
23:10:46 - cmdstanpy - INFO - Chain [1] done processing
23:10:47 - cmdstanpy - INFO - Chain [1] start processing
23:10:47 - cmdstanpy - INFO - Chain [1] done processing
23:10:48 - cmdstanpy - INFO - Chain [1] start processing
23:10:48 - cmdstanpy - INFO - Chain [1] done processing
23:10:48 - cmdstanpy - INFO - Chain [1] start processing
23:10:48 - cmdstanpy - INFO - Chain [1] done processing
23:10:48 - cmdstanpy - INFO - Chain [1] start processing
23:10:48 - cmdstanpy - INFO - Chain [1] done processing
23:10:49 - cmdstanpy - INFO - Chain [1] start processing
23:10:49 - cmdstanpy - INFO - Chain [1] done processing
23:10:50 - cmdstanpy - INFO - Chain [1] start processing
23:10:50 - cmdstanpy - INFO - Chain [1] done processing
23:10:50 - cmdstanpy - INFO - Chain [1] start processing
23:10:50 - cmdstanpy - INFO - Chain [1] done processing
23:10:51 - cmdstanpy - INFO - Chain [1] start processing
23:10:51 - cmdstanpy - INFO - Chain [1] done processing
23:10:51 - cmdstanpy - INFO - Chain [1] start processing
23:10:51 - cmdstanpy - INFO - Chain [1] done processing
23:10:51 - cmdstanpy - INFO - Chain [1] start processing
23:10:51 - cmdstanpy - INFO - Chain [1] done processing
23:10:52 - cmdstanpy - INFO - Chain [1] start processing
23:10:52 - cmdstanpy - INFO - Chain [1] done processing
23:10:52 - cmdstanpy - INFO - Chain [1] start processing
23:10:52 - cmdstanpy - INFO - Chain [1] done processing
23:10:53 - cmdstanpy - INFO - Chain [1] start processing
23:10:53 - cmdstanpy - INFO - Chain [1] done processing
23:10:53 - cmdstanpy - INFO - Chain [1] start processing
23:10:53 - cmdstanpy - INFO - Chain [1] done processing
23:10:53 - cmdstanpy - INFO - Chain [1] start processing
23:10:53 - cmdstanpy - INFO - Chain [1] done processing
23:10:54 - cmdstanpy - INFO - Chain [1] start processing
23:10:54 - cmdstanpy - INFO - Chain [1] done processing
23:10:54 - cmdstanpy - INFO - Chain [1] start processing
23:10:54 - cmdstanpy - INFO - Chain [1] done processing
23:10:54 - cmdstanpy - INFO - Chain [1] start processing
23:10:54 - cmdstanpy - INFO - Chain [1] done processing
23:10:55 - cmdstanpy - INFO - Chain [1] start processing
23:10:55 - cmdstanpy - INFO - Chain [1] done processing
23:10:55 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:10:55 - cmdstanpy - INFO - Chain [1] done processing
23:10:56 - cmdstanpy - INFO - Chain [1] start processing
23:10:56 - cmdstanpy - INFO - Chain [1] done processing
23:10:56 - cmdstanpy - INFO - Chain [1] start processing
23:10:56 - cmdstanpy - INFO - Chain [1] done processing
23:10:56 - cmdstanpy - INFO - Chain [1] start processing
23:10:56 - cmdstanpy - INFO - Chain [1] done processing
23:10:57 - cmdstanpy - INFO - Chain [1] start processing
23:10:57 - cmdstanpy - INFO - Chain [1] done processing
23:10:57 - cmdstanpy - INFO - Chain [1] start processing
23:10:57 - cmdstanpy - INFO - Chain [1] done processing
23:10:57 - cmdstanpy - INFO - Chain [1] start processing
23:10:57 - cmdstanpy - INFO - Chain [1] done processing
23:10:58 - cmdstanpy - INFO - Chain [1] start processing
23:10:58 - cmdstanpy - INFO - Chain [1] done processing
23:10:58 - cmdstanpy - INFO - Chain [1] start processing
23:10:58 - cmdstanpy - INFO - Chain [1] done processing
23:10:59 - cmdstanpy - INFO - Chain [1] start processing
23:10:59 - cmdstanpy - INFO - Chain [1] done processing
23:10:59 - cmdstanpy - INFO - Chain [1] start processing
23:10:59 - cmdstanpy - INFO - Chain [1] done processing
23:10:59 - cmdstanpy - INFO - Chain [1] start processing
23:11:00 - cmdstanpy - INFO - Chain [1] done processing
23:11:00 - cmdstanpy - INFO - Chain [1] start processing
23:11:00 - cmdstanpy - INFO - Chain [1] done processing
23:11:00 - cmdstanpy - INFO - Chain [1] start processing
23:11:00 - cmdstanpy - INFO - Chain [1] done processing
23:11:01 - cmdstanpy - INFO - Chain [1] start processing
23:11:01 - cmdstanpy - INFO - Chain [1] done processing
23:11:01 - cmdstanpy - INFO - Chain [1] start processing
23:11:01 - cmdstanpy - INFO - Chain [1] done processing
23:11:02 - cmdstanpy - INFO - Chain [1] start processing
23:11:02 - cmdstanpy - INFO - Chain [1] done processing
23:11:02 - cmdstanpy - INFO - Chain [1] start processing
23:11:02 - cmdstanpy - INFO - Chain [1] done processing
23:11:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
23:11:02 - cmdstanpy - INFO - Chain [1] start processing
23:11:03 - cmdstanpy - INFO - Chain [1] done processing
23:11:03 - cmdstanpy - INFO - Chain [1] start processing
23:11:03 - cmdstanpy - INFO - Chain [1] done processing
23:11:03 - cmdstanpy - INFO - Chain [1] start processing
23:11:03 - cmdstanpy - INFO - Chain [1] done processing
23:11:04 - cmdstanpy - INFO - Chain [1] start processing
23:11:04 - cmdstanpy - INFO - Chain [1] done processing
23:11:04 - cmdstanpy - INFO - Chain [1] start processing
23:11:04 - cmdstanpy - INFO - Chain [1] done processing
23:11:04 - cmdstanpy - INFO - Chain [1] start processing
23:11:04 - cmdstanpy - INFO - Chain [1] done processing
23:11:05 - cmdstanpy - INFO - Chain [1] start processing
23:11:05 - cmdstanpy - INFO - Chain [1] done processing
23:11:05 - cmdstanpy - INFO - Chain [1] start processing
23:11:05 - cmdstanpy - INFO - Chain [1] done processing
23:11:05 - cmdstanpy - INFO - Chain [1] start processing
23:11:05 - cmdstanpy - INFO - Chain [1] done processing
23:11:06 - cmdstanpy - INFO - Chain [1] start processing
23:11:06 - cmdstanpy - INFO - Chain [1] done processing
23:11:06 - cmdstanpy - INFO - Chain [1] start processing
23:11:06 - cmdstanpy - INFO - Chain [1] done processing
23:11:06 - cmdstanpy - INFO - Chain [1] start processing
23:11:07 - cmdstanpy - INFO - Chain [1] done processing
23:11:07 - cmdstanpy - INFO - Chain [1] start processing
23:11:07 - cmdstanpy - INFO - Chain [1] done processing
23:11:07 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:11:07 - cmdstanpy - INFO - Chain [1] done processing
23:11:08 - cmdstanpy - INFO - Chain [1] start processing
23:11:08 - cmdstanpy - INFO - Chain [1] done processing
23:11:08 - cmdstanpy - INFO - Chain [1] start processing
23:11:08 - cmdstanpy - INFO - Chain [1] done processing
23:11:08 - cmdstanpy - INFO - Chain [1] start processing
23:11:08 - cmdstanpy - INFO - Chain [1] done processing
23:11:09 - cmdstanpy - INFO - Chain [1] start processing
23:11:09 - cmdstanpy - INFO - Chain [1] done processing
23:11:09 - cmdstanpy - INFO - Chain [1] start processing
23:11:09 - cmdstanpy - INFO - Chain [1] done processing
23:11:09 - cmdstanpy - INFO - Chain [1] start processing
23:11:09 - cmdstanpy - INFO - Chain [1] done processing
23:11:10 - cmdstanpy - INFO - Chain [1] start processing
23:11:10 - cmdstanpy - INFO - Chain [1] done processing
23:11:10 - cmdstanpy - INFO - Chain [1] start processing
23:11:10 - cmdstanpy - INFO - Chain [1] done processing
23:11:10 - cmdstanpy - INFO - Chain [1] start processing
23:11:10 - cmdstanpy - INFO - Chain [1] done processing
23:11:11 - cmdstanpy - INFO - Chain [1] start processing
23:11:11 - cmdstanpy - INFO - Chain [1] done processing
23:11:11 - cmdstanpy - INFO - Chain [1] start processing
23:11:11 - cmdstanpy - INFO - Chain [1] done processing
23:11:11 - cmdstanpy - INFO - Chain [1] start processing
23:11:12 - cmdstanpy - INFO - Chain [1] done processing
23:11:12 - cmdstanpy - INFO - Chain [1] start processing
23:11:12 - cmdstanpy - INFO - Chain [1] done processing
23:11:12 - cmdstanpy - INFO - Chain [1] start processing
23:11:12 - cmdstanpy - INFO - Chain [1] done processing
23:11:12 - cmdstanpy - INFO - Chain [1] start processing
23:11:13 - cmdstanpy - INFO - Chain [1] done processing
23:11:13 - cmdstanpy - INFO - Chain [1] start processing
23:11:13 - cmdstanpy - INFO - Chain [1] done processing
23:11:13 - cmdstanpy - INFO - Chain [1] start processing
23:11:13 - cmdstanpy - INFO - Chain [1] done processing
23:11:13 - cmdstanpy - INFO - Chain [1] start processing
23:11:14 - cmdstanpy - INFO - Chain [1] done processing
23:11:14 - cmdstanpy - INFO - Chain [1] start processing
23:11:14 - cmdstanpy - INFO - Chain [1] done processing
23:11:14 - cmdstanpy - INFO - Chain [1] start processing
23:11:14 - cmdstanpy - INFO - Chain [1] done processing
23:11:14 - cmdstanpy - INFO - Chain [1] start processing
23:11:14 - cmdstanpy - INFO - Chain [1] done processing
23:11:15 - cmdstanpy - INFO - Chain [1] start processing
23:11:15 - cmdstanpy - INFO - Chain [1] done processing
23:11:15 - cmdstanpy - INFO - Chain [1] start processing
23:11:15 - cmdstanpy - INFO - Chain [1] done processing
23:11:16 - cmdstanpy - INFO - Chain [1] start processing
23:11:16 - cmdstanpy - INFO - Chain [1] done processing
23:11:16 - cmdstanpy - INFO - Chain [1] start processing
23:11:16 - cmdstanpy - INFO - Chain [1] done processing
23:11:16 - cmdstanpy - INFO - Chain [1] start processing
23:11:16 - cmdstanpy - INFO - Chain [1] done processing
23:11:17 - cmdstanpy - INFO - Chain [1] start processing
23:11:17 - cmdstanpy - INFO - Chain [1] done processing
23:11:17 - cmdstanpy - INFO - Chain [1] start processing
23:11:17 - cmdstanpy - INFO - Chain [1] done processing
23:11:17 - cmdstanpy - INFO - Chain [1] start processing
23:11:17 - cmdstanpy - INFO - Chain [1] done processing
23:11:18 - cmdstanpy - INFO - Chain [1] start processing
23:11:18 - cmdstanpy - INFO - Chain [1] done processing
23:11:18 - cmdstanpy - INFO - Chain [1] start processing
23:11:18 - cmdstanpy - INFO - Chain [1] done processing
23:11:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:11:18 - cmdstanpy - INFO - Chain [1] done processing
23:11:19 - cmdstanpy - INFO - Chain [1] start processing
23:11:19 - cmdstanpy - INFO - Chain [1] done processing
23:11:19 - cmdstanpy - INFO - Chain [1] start processing
23:11:19 - cmdstanpy - INFO - Chain [1] done processing
23:11:19 - cmdstanpy - INFO - Chain [1] start processing
23:11:19 - cmdstanpy - INFO - Chain [1] done processing
23:11:20 - cmdstanpy - INFO - Chain [1] start processing
23:11:20 - cmdstanpy - INFO - Chain [1] done processing
23:11:20 - cmdstanpy - INFO - Chain [1] start processing
23:11:20 - cmdstanpy - INFO - Chain [1] done processing
23:11:20 - cmdstanpy - INFO - Chain [1] start processing
23:11:20 - cmdstanpy - INFO - Chain [1] done processing
23:11:21 - cmdstanpy - INFO - Chain [1] start processing
23:11:21 - cmdstanpy - INFO - Chain [1] done processing
23:11:21 - cmdstanpy - INFO - Chain [1] start processing
23:11:21 - cmdstanpy - INFO - Chain [1] done processing
23:11:21 - cmdstanpy - INFO - Chain [1] start processing
23:11:21 - cmdstanpy - INFO - Chain [1] done processing
23:11:22 - cmdstanpy - INFO - Chain [1] start processing
23:11:22 - cmdstanpy - INFO - Chain [1] done processing
23:11:22 - cmdstanpy - INFO - Chain [1] start processing
23:11:22 - cmdstanpy - INFO - Chain [1] done processing
23:11:22 - cmdstanpy - INFO - Chain [1] start processing
23:11:22 - cmdstanpy - INFO - Chain [1] done processing
23:11:23 - cmdstanpy - INFO - Chain [1] start processing
23:11:23 - cmdstanpy - INFO - Chain [1] done processing
23:11:23 - cmdstanpy - INFO - Chain [1] start processing
23:11:23 - cmdstanpy - INFO - Chain [1] done processing
23:11:23 - cmdstanpy - INFO - Chain [1] start processing
23:11:24 - cmdstanpy - INFO - Chain [1] done processing
23:11:24 - cmdstanpy - INFO - Chain [1] start processing
23:11:24 - cmdstanpy - INFO - Chain [1] done processing
23:11:24 - cmdstanpy - INFO - Chain [1] start processing
23:11:24 - cmdstanpy - INFO - Chain [1] done processing
23:11:24 - cmdstanpy - INFO - Chain [1] start processing
23:11:25 - cmdstanpy - INFO - Chain [1] done processing
23:11:25 - cmdstanpy - INFO - Chain [1] start processing
23:11:25 - cmdstanpy - INFO - Chain [1] done processing
23:11:25 - cmdstanpy - INFO - Chain [1] start processing
23:11:25 - cmdstanpy - INFO - Chain [1] done processing
23:11:25 - cmdstanpy - INFO - Chain [1] start processing
23:11:26 - cmdstanpy - INFO - Chain [1] done processing
23:11:26 - cmdstanpy - INFO - Chain [1] start processing
23:11:26 - cmdstanpy - INFO - Chain [1] done processing
23:11:26 - cmdstanpy - INFO - Chain [1] start processing
23:11:26 - cmdstanpy - INFO - Chain [1] done processing
23:11:26 - cmdstanpy - INFO - Chain [1] start processing
23:11:27 - cmdstanpy - INFO - Chain [1] done processing
23:11:27 - cmdstanpy - INFO - Chain [1] start processing
23:11:27 - cmdstanpy - INFO - Chain [1] done processing
23:11:27 - cmdstanpy - INFO - Chain [1] start processing
23:11:27 - cmdstanpy - INFO - Chain [1] done processing
23:11:27 - cmdstanpy - INFO - Chain [1] start processing
23:11:27 - cmdstanpy - INFO - Chain [1] done processing
23:11:28 - cmdstanpy - INFO - Chain [1] start processing
23:11:28 - cmdstanpy - INFO - Chain [1] done processing
23:11:28 - cmdstanpy - INFO - Chain [1] start processing
23:11:28 - cmdstanpy - INFO - Chain [1] done processing
23:11:28 - cmdstanpy - INFO - Chain [1] start processing
23:11:29 - cmdstanpy - INFO - Chain [1] done processing
23:11:29 - cmdstanpy - INFO - Chain [1] start processing
23:11:29 - cmdstanpy - INFO - Chain [1] done processing
23:11:29 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:11:29 - cmdstanpy - INFO - Chain [1] done processing
23:11:29 - cmdstanpy - INFO - Chain [1] start processing
23:11:29 - cmdstanpy - INFO - Chain [1] done processing
23:11:30 - cmdstanpy - INFO - Chain [1] start processing
23:11:30 - cmdstanpy - INFO - Chain [1] done processing
23:11:30 - cmdstanpy - INFO - Chain [1] start processing
23:11:30 - cmdstanpy - INFO - Chain [1] done processing
23:11:30 - cmdstanpy - INFO - Chain [1] start processing
23:11:31 - cmdstanpy - INFO - Chain [1] done processing
23:11:31 - cmdstanpy - INFO - Chain [1] start processing
23:11:31 - cmdstanpy - INFO - Chain [1] done processing
23:11:31 - cmdstanpy - INFO - Chain [1] start processing
23:11:31 - cmdstanpy - INFO - Chain [1] done processing
23:11:32 - cmdstanpy - INFO - Chain [1] start processing
23:11:32 - cmdstanpy - INFO - Chain [1] done processing
23:11:32 - cmdstanpy - INFO - Chain [1] start processing
23:11:32 - cmdstanpy - INFO - Chain [1] done processing
23:11:32 - cmdstanpy - INFO - Chain [1] start processing
23:11:32 - cmdstanpy - INFO - Chain [1] done processing
23:11:33 - cmdstanpy - INFO - Chain [1] start processing
23:11:33 - cmdstanpy - INFO - Chain [1] done processing
23:11:33 - cmdstanpy - INFO - Chain [1] start processing
23:11:33 - cmdstanpy - INFO - Chain [1] done processing
23:11:33 - cmdstanpy - INFO - Chain [1] start processing
23:11:33 - cmdstanpy - INFO - Chain [1] done processing
23:11:34 - cmdstanpy - INFO - Chain [1] start processing
23:11:34 - cmdstanpy - INFO - Chain [1] done processing
23:11:34 - cmdstanpy - INFO - Chain [1] start processing
23:11:34 - cmdstanpy - INFO - Chain [1] done processing
23:11:34 - cmdstanpy - INFO - Chain [1] start processing
23:11:34 - cmdstanpy - INFO - Chain [1] done processing
23:11:35 - cmdstanpy - INFO - Chain [1] start processing
23:11:35 - cmdstanpy - INFO - Chain [1] done processing
23:11:35 - cmdstanpy - INFO - Chain [1] start processing
23:11:35 - cmdstanpy - INFO - Chain [1] done processing
23:11:35 - cmdstanpy - INFO - Chain [1] start processing
23:11:35 - cmdstanpy - INFO - Chain [1] done processing
23:11:36 - cmdstanpy - INFO - Chain [1] start processing
23:11:36 - cmdstanpy - INFO - Chain [1] done processing
23:11:36 - cmdstanpy - INFO - Chain [1] start processing
23:11:36 - cmdstanpy - INFO - Chain [1] done processing
23:11:36 - cmdstanpy - INFO - Chain [1] start processing
23:11:37 - cmdstanpy - INFO - Chain [1] done processing
23:11:37 - cmdstanpy - INFO - Chain [1] start processing
23:11:37 - cmdstanpy - INFO - Chain [1] done processing
23:11:38 - cmdstanpy - INFO - Chain [1] start processing
23:11:38 - cmdstanpy - INFO - Chain [1] done processing
23:11:38 - cmdstanpy - INFO - Chain [1] start processing
23:11:38 - cmdstanpy - INFO - Chain [1] done processing
23:11:38 - cmdstanpy - INFO - Chain [1] start processing
23:11:38 - cmdstanpy - INFO - Chain [1] done processing
23:11:39 - cmdstanpy - INFO - Chain [1] start processing
23:11:39 - cmdstanpy - INFO - Chain [1] done processing
23:11:40 - cmdstanpy - INFO - Chain [1] start processing
23:11:40 - cmdstanpy - INFO - Chain [1] done processing
23:11:40 - cmdstanpy - INFO - Chain [1] start processing
23:11:40 - cmdstanpy - INFO - Chain [1] done processing
23:11:41 - cmdstanpy - INFO - Chain [1] start processing
23:11:41 - cmdstanpy - INFO - Chain [1] done processing
23:11:41 - cmdstanpy - INFO - Chain [1] start processing
23:11:41 - cmdstanpy - INFO - Chain [1] done processing
23:11:41 - cmdstanpy - INFO - Chain [1] start processing
23:11:41 - cmdstanpy - INFO - Chain [1] done processing
23:11:42 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:11:42 - cmdstanpy - INFO - Chain [1] done processing
23:11:42 - cmdstanpy - INFO - Chain [1] start processing
23:11:42 - cmdstanpy - INFO - Chain [1] done processing
23:11:42 - cmdstanpy - INFO - Chain [1] start processing
23:11:43 - cmdstanpy - INFO - Chain [1] done processing
23:11:43 - cmdstanpy - INFO - Chain [1] start processing
23:11:43 - cmdstanpy - INFO - Chain [1] done processing
23:11:43 - cmdstanpy - INFO - Chain [1] start processing
23:11:43 - cmdstanpy - INFO - Chain [1] done processing
23:11:44 - cmdstanpy - INFO - Chain [1] start processing
23:11:44 - cmdstanpy - INFO - Chain [1] done processing
23:11:44 - cmdstanpy - INFO - Chain [1] start processing
23:11:44 - cmdstanpy - INFO - Chain [1] done processing
23:11:44 - cmdstanpy - INFO - Chain [1] start processing
23:11:45 - cmdstanpy - INFO - Chain [1] done processing
23:11:45 - cmdstanpy - INFO - Chain [1] start processing
23:11:45 - cmdstanpy - INFO - Chain [1] done processing
23:11:45 - cmdstanpy - INFO - Chain [1] start processing
23:11:45 - cmdstanpy - INFO - Chain [1] done processing
23:11:46 - cmdstanpy - INFO - Chain [1] start processing
23:11:46 - cmdstanpy - INFO - Chain [1] done processing
23:11:46 - cmdstanpy - INFO - Chain [1] start processing
23:11:46 - cmdstanpy - INFO - Chain [1] done processing
23:11:46 - cmdstanpy - INFO - Chain [1] start processing
23:11:46 - cmdstanpy - INFO - Chain [1] done processing
23:11:47 - cmdstanpy - INFO - Chain [1] start processing
23:11:47 - cmdstanpy - INFO - Chain [1] done processing
23:11:47 - cmdstanpy - INFO - Chain [1] start processing
23:11:47 - cmdstanpy - INFO - Chain [1] done processing
23:11:48 - cmdstanpy - INFO - Chain [1] start processing
23:11:48 - cmdstanpy - INFO - Chain [1] done processing
23:11:49 - cmdstanpy - INFO - Chain [1] start processing
23:11:49 - cmdstanpy - INFO - Chain [1] done processing
23:11:49 - cmdstanpy - INFO - Chain [1] start processing
23:11:49 - cmdstanpy - INFO - Chain [1] done processing
23:11:49 - cmdstanpy - INFO - Chain [1] start processing
23:11:49 - cmdstanpy - INFO - Chain [1] done processing
23:11:50 - cmdstanpy - INFO - Chain [1] start processing
23:11:50 - cmdstanpy - INFO - Chain [1] done processing
23:11:50 - cmdstanpy - INFO - Chain [1] start processing
23:11:50 - cmdstanpy - INFO - Chain [1] done processing
23:11:50 - cmdstanpy - INFO - Chain [1] start processing
23:11:51 - cmdstanpy - INFO - Chain [1] done processing
23:11:51 - cmdstanpy - INFO - Chain [1] start processing
23:11:51 - cmdstanpy - INFO - Chain [1] done processing
23:11:52 - cmdstanpy - INFO - Chain [1] start processing
23:11:52 - cmdstanpy - INFO - Chain [1] done processing
23:11:52 - cmdstanpy - INFO - Chain [1] start processing
23:11:52 - cmdstanpy - INFO - Chain [1] done processing
23:11:52 - cmdstanpy - INFO - Chain [1] start processing
23:11:52 - cmdstanpy - INFO - Chain [1] done processing
23:11:53 - cmdstanpy - INFO - Chain [1] start processing
23:11:53 - cmdstanpy - INFO - Chain [1] done processing
23:11:53 - cmdstanpy - INFO - Chain [1] start processing
23:11:53 - cmdstanpy - INFO - Chain [1] done processing
23:11:53 - cmdstanpy - INFO - Chain [1] start processing
23:11:54 - cmdstanpy - INFO - Chain [1] done processing
23:11:54 - cmdstanpy - INFO - Chain [1] start processing
23:11:54 - cmdstanpy - INFO - Chain [1] done processing
23:11:54 - cmdstanpy - INFO - Chain [1] start processing
23:11:54 - cmdstanpy - INFO - Chain [1] done processing
23:11:54 - cmdstanpy - INFO - Chain [1] start processing
23:11:55 - cmdstanpy - INFO - Chain [1] done processing
23:11:55 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:11:55 - cmdstanpy - INFO - Chain [1] done processing
23:11:55 - cmdstanpy - INFO - Chain [1] start processing
23:11:55 - cmdstanpy - INFO - Chain [1] done processing
23:11:55 - cmdstanpy - INFO - Chain [1] start processing
23:11:56 - cmdstanpy - INFO - Chain [1] done processing
23:11:56 - cmdstanpy - INFO - Chain [1] start processing
23:11:56 - cmdstanpy - INFO - Chain [1] done processing
23:11:56 - cmdstanpy - INFO - Chain [1] start processing
23:11:56 - cmdstanpy - INFO - Chain [1] done processing
23:11:57 - cmdstanpy - INFO - Chain [1] start processing
23:11:57 - cmdstanpy - INFO - Chain [1] done processing
23:11:57 - cmdstanpy - INFO - Chain [1] start processing
23:11:57 - cmdstanpy - INFO - Chain [1] done processing
23:11:57 - cmdstanpy - INFO - Chain [1] start processing
23:11:57 - cmdstanpy - INFO - Chain [1] done processing
23:11:58 - cmdstanpy - INFO - Chain [1] start processing
23:11:58 - cmdstanpy - INFO - Chain [1] done processing
23:11:58 - cmdstanpy - INFO - Chain [1] start processing
23:11:58 - cmdstanpy - INFO - Chain [1] done processing
23:11:58 - cmdstanpy - INFO - Chain [1] start processing
23:11:58 - cmdstanpy - INFO - Chain [1] done processing
23:11:59 - cmdstanpy - INFO - Chain [1] start processing
23:11:59 - cmdstanpy - INFO - Chain [1] done processing
23:11:59 - cmdstanpy - INFO - Chain [1] start processing
23:11:59 - cmdstanpy - INFO - Chain [1] done processing
23:11:59 - cmdstanpy - INFO - Chain [1] start processing
23:11:59 - cmdstanpy - INFO - Chain [1] done processing
23:12:00 - cmdstanpy - INFO - Chain [1] start processing
23:12:00 - cmdstanpy - INFO - Chain [1] done processing
23:12:00 - cmdstanpy - INFO - Chain [1] start processing
23:12:00 - cmdstanpy - INFO - Chain [1] done processing
23:12:00 - cmdstanpy - INFO - Chain [1] start processing
23:12:00 - cmdstanpy - INFO - Chain [1] done processing
23:12:01 - cmdstanpy - INFO - Chain [1] start processing
23:12:01 - cmdstanpy - INFO - Chain [1] done processing
23:12:01 - cmdstanpy - INFO - Chain [1] start processing
23:12:01 - cmdstanpy - INFO - Chain [1] done processing
23:12:01 - cmdstanpy - INFO - Chain [1] start processing
23:12:01 - cmdstanpy - INFO - Chain [1] done processing
23:12:02 - cmdstanpy - INFO - Chain [1] start processing
23:12:02 - cmdstanpy - INFO - Chain [1] done processing
23:12:02 - cmdstanpy - INFO - Chain [1] start processing
23:12:02 - cmdstanpy - INFO - Chain [1] done processing
23:12:02 - cmdstanpy - INFO - Chain [1] start processing
23:12:02 - cmdstanpy - INFO - Chain [1] done processing
23:12:03 - cmdstanpy - INFO - Chain [1] start processing
23:12:03 - cmdstanpy - INFO - Chain [1] done processing
23:12:03 - cmdstanpy - INFO - Chain [1] start processing
23:12:03 - cmdstanpy - INFO - Chain [1] done processing
23:12:03 - cmdstanpy - INFO - Chain [1] start processing
23:12:03 - cmdstanpy - INFO - Chain [1] done processing
23:12:04 - cmdstanpy - INFO - Chain [1] start processing
23:12:04 - cmdstanpy - INFO - Chain [1] done processing
23:12:04 - cmdstanpy - INFO - Chain [1] start processing
23:12:04 - cmdstanpy - INFO - Chain [1] done processing
23:12:04 - cmdstanpy - INFO - Chain [1] start processing
23:12:04 - cmdstanpy - INFO - Chain [1] done processing
23:12:05 - cmdstanpy - INFO - Chain [1] start processing
23:12:05 - cmdstanpy - INFO - Chain [1] done processing
23:12:05 - cmdstanpy - INFO - Chain [1] start processing
23:12:05 - cmdstanpy - INFO - Chain [1] done processing
23:12:05 - cmdstanpy - INFO - Chain [1] start processing
23:12:06 - cmdstanpy - INFO - Chain [1] done processing
23:12:06 - cmdstanpy - INFO - Chain [1] start processing
```

```
23:12:06 - cmdstanpy - INFO - Chain [1] done processing
23:12:06 - cmdstanpy - INFO - Chain [1] start processing
23:12:06 - cmdstanpy - INFO - Chain [1] done processing
23:12:07 - cmdstanpy - INFO - Chain [1] start processing
23:12:07 - cmdstanpy - INFO - Chain [1] done processing
23:12:07 - cmdstanpy - INFO - Chain [1] start processing
23:12:07 - cmdstanpy - INFO - Chain [1] done processing
23:12:07 - cmdstanpy - INFO - Chain [1] start processing
23:12:07 - cmdstanpy - INFO - Chain [1] done processing
23:12:08 - cmdstanpy - INFO - Chain [1] start processing
23:12:08 - cmdstanpy - INFO - Chain [1] done processing
23:12:08 - cmdstanpy - INFO - Chain [1] start processing
23:12:08 - cmdstanpy - INFO - Chain [1] done processing
23:12:08 - cmdstanpy - INFO - Chain [1] start processing
23:12:08 - cmdstanpy - INFO - Chain [1] done processing
23:12:09 - cmdstanpy - INFO - Chain [1] start processing
23:12:09 - cmdstanpy - INFO - Chain [1] done processing
23:12:09 - cmdstanpy - INFO - Chain [1] start processing
23:12:09 - cmdstanpy - INFO - Chain [1] done processing
23:12:09 - cmdstanpy - INFO - Chain [1] start processing
23:12:09 - cmdstanpy - INFO - Chain [1] done processing
23:12:10 - cmdstanpy - INFO - Chain [1] start processing
23:12:10 - cmdstanpy - INFO - Chain [1] done processing
```

FACEBOOK PROPHET TUNED - AVERAGE WEEKLY FORECAST BY STATE FOR TOP 100 COMPANIES FOR 2023, 2024

```
In [28]: import pandas as pd
         from prophet import Prophet
         # Top 100 companies based on the total number of complaints
         top_100_companies = df_joined.groupby('Company')['Complaint ID'].nunique().nlargest(100).index
         # Data for the top 100 companies
         df top 100 = df joined[df joined['Company'].isin(top 100 companies)]
         df_top_100['Date received'] = pd.to_datetime(df_top_100['Date received'])
         df top 100.set index('Date received', inplace=True)
         # Empty DataFrame to store all forecasts
         all_forecasts = pd.DataFrame()
         # Iterating over each company and state combination within the top 100 companies
         for (company, state), group in df_top_100.groupby(['Company', 'State']):
             # Data for the Prophet model
             df prophet = group.resample('W').nunique()['Complaint ID'].reset index()
             df_prophet.columns = ['ds', 'y']
             # Check if there's enough data to fit the model
             if len(df_prophet) < 2:</pre>
                 continue # Skip this group if not enough data
             # Initializing the Prophet model with the best parameters
             m = Prophet(
                 changepoint_prior_scale=0.01,
                 changepoint_range=0.9,
                 growth='linear',
                 n_changepoints=20,
                 seasonality_mode='additive'
             m.fit(df prophet)
             # DataFrame for future predictions (next 2 years)
             future = m.make_future_dataframe(periods=104, freq='W') # Approx. 2 years of weekly data
             # Make predictions
             forecast = m.predict(future)
             # Keep necessary columns and add 'Company' and 'State'
             forecast_filtered = forecast[['ds', 'yhat', 'yhat_lower', 'yhat_upper']].copy()
             # Use .loc for a more explicit assignment
             forecast_filtered.loc[:, 'Company'] = company
             forecast filtered.loc[:, 'State'] = state
             all_forecasts = pd.concat([all_forecasts, forecast_filtered])
         # Filter out predictions to keep only 2023 and 2024
         all forecasts['Year'] = all forecasts['ds'].dt.year
         all_forecasts = all_forecasts[all_forecasts['Year'].isin([2023, 2024])]
         # Save the forecasts to a CSV file
         all_forecasts.to_csv('C:\\Users\\Lenovo\\Downloads\\weekly_complaint_forecasts_2023_2024 top 100
```

C:\Users\Lenovo\AppData\Local\Temp\ipykernel_12452\1687959236.py:12: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row indexer,col indexer] = value instead

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/in dexing.html#returning-a-view-versus-a-copy df_top_100['Date received'] = pd.to_datetime(df_top_100['Date received']) 00:02:09 - cmdstanpy - INFO - Chain [1] start processing 00:02:10 - cmdstanpy - INFO - Chain [1] done processing 00:02:10 - cmdstanpy - INFO - Chain [1] start processing 00:02:10 - cmdstanpy - INFO - Chain [1] done processing 00:03:11 - cmdstanpy - INFO - Chain [1] start processing 00:03:11 - cmdstanpy - INFO - Chain [1] done processing 00:03:12 - cmdstanpy - INFO - Chain [1] start processing 00:03:12 - cmdstanpy - INFO - Chain [1] done processing 00:03:12 - cmdstanpy - INFO - Chain [1] start processing 00:03:12 - cmdstanpy - INFO - Chain [1] done processing 00:03:13 - cmdstanpy - INFO - Chain [1] start processing 00:03:13 - cmdstanpy - INFO - Chain [1] done processing 00:03:13 - cmdstanpy - INFO - Chain [1] start processing 00:03:13 - cmdstanpy - INFO - Chain [1] done processing 00:03:13 - cmdstanpy - INFO - Chain [1] start processing 00:03:13 - cmdstanpy - INFO - Chain [1] done processing 00:03:14 - cmdstanpy - INFO - Chain [1] start processing 00:03:14 - cmdstanpy - INFO - Chain [1] done processing 00:03:14 - cmdstanpy - INFO - Chain [1] start processing 00:03:14 - cmdstanpy - INFO - Chain [1] done processing 00:03:14 - cmdstanpy - INFO - Chain [1] start processing 00:03:15 - cmdstanpy - INFO - Chain [1] done processing 00:03:15 - cmdstanpy - INFO - Chain [1] start processing 00:03:15 - cmdstanpy - INFO - Chain [1] done processing 00:03:15 - cmdstanpy - INFO - Chain [1] start processing 00:03:15 - cmdstanpy - INFO - Chain [1] done processing 00:03:15 - cmdstanpy - INFO - Chain [1] start processing 00:03:16 - cmdstanpy - INFO - Chain [1] done processing 00:03:16 - cmdstanpy - INFO - Chain [1] start processing 00:03:16 - cmdstanpy - INFO - Chain [1] done processing 00:03:16 - cmdstanpy - INFO - Chain [1] start processing 00:03:16 - cmdstanpy - INFO - Chain [1] done processing 00:03:17 - cmdstanpy - INFO - Chain [1] start processing 00:03:17 - cmdstanpy - INFO - Chain [1] done processing 00:03:17 - cmdstanpy - INFO - Chain [1] start processing 00:03:17 - cmdstanpy - INFO - Chain [1] done processing 00:03:18 - cmdstanpy - INFO - Chain [1] start processing 00:03:18 - cmdstanpy - INFO - Chain [1] done processing 00:03:18 - cmdstanpy - INFO - Chain [1] start processing 00:03:18 - cmdstanpy - INFO - Chain [1] done processing 00:03:18 - cmdstanpy - INFO - Chain [1] start processing 00:03:18 - cmdstanpy - INFO - Chain [1] done processing 00:03:19 - cmdstanpy - INFO - Chain [1] start processing 00:03:19 - cmdstanpy - INFO - Chain [1] done processing 00:03:19 - cmdstanpy - INFO - Chain [1] start processing 00:03:19 - cmdstanpy - INFO - Chain [1] done processing 00:03:19 - cmdstanpy - INFO - Chain [1] start processing 00:03:19 - cmdstanpy - INFO - Chain [1] done processing 00:03:20 - cmdstanpy - INFO - Chain [1] start processing 00:03:20 - cmdstanpy - INFO - Chain [1] done processing 00:03:20 - cmdstanpy - INFO - Chain [1] start processing 00:03:20 - cmdstanpy - INFO - Chain [1] done processing 00:03:21 - cmdstanpy - INFO - Chain [1] start processing 00:03:21 - cmdstanpy - INFO - Chain [1] done processing

00:03:21 - cmdstanpy - INFO - Chain [1] start processing 00:03:21 - cmdstanpy - INFO - Chain [1] done processing 00:03:22 - cmdstanpy - INFO - Chain [1] start processing

```
00:03:22 - cmdstanpy - INFO - Chain [1] done processing
00:03:22 - cmdstanpy - INFO - Chain [1] start processing
00:03:22 - cmdstanpy - INFO - Chain [1] done processing
00:03:22 - cmdstanpy - INFO - Chain [1] start processing
00:03:22 - cmdstanpy - INFO - Chain [1] done processing
00:03:23 - cmdstanpy - INFO - Chain [1] start processing
00:03:23 - cmdstanpy - INFO - Chain [1] done processing
00:03:23 - cmdstanpy - INFO - Chain [1] start processing
00:03:23 - cmdstanpy - INFO - Chain [1] done processing
00:03:24 - cmdstanpy - INFO - Chain [1] start processing
00:03:24 - cmdstanpy - INFO - Chain [1] done processing
00:03:24 - cmdstanpy - INFO - Chain [1] start processing
00:03:24 - cmdstanpy - INFO - Chain [1] done processing
00:03:24 - cmdstanpy - INFO - Chain [1] start processing
00:03:24 - cmdstanpy - INFO - Chain [1] done processing
00:03:25 - cmdstanpy - INFO - Chain [1] start processing
00:03:25 - cmdstanpy - INFO - Chain [1] done processing
00:03:25 - cmdstanpy - INFO - Chain [1] start processing
00:03:25 - cmdstanpy - INFO - Chain [1] done processing
00:03:25 - cmdstanpy - INFO - Chain [1] start processing
00:03:26 - cmdstanpy - INFO - Chain [1] done processing
00:03:26 - cmdstanpy - INFO - Chain [1] start processing
00:03:26 - cmdstanpy - INFO - Chain [1] done processing
00:03:26 - cmdstanpy - INFO - Chain [1] start processing
00:03:26 - cmdstanpy - INFO - Chain [1] done processing
00:03:27 - cmdstanpy - INFO - Chain [1] start processing
00:03:27 - cmdstanpy - INFO - Chain [1] done processing
00:03:27 - cmdstanpy - INFO - Chain [1] start processing
00:03:27 - cmdstanpy - INFO - Chain [1] done processing
00:03:27 - cmdstanpy - INFO - Chain [1] start processing
00:03:27 - cmdstanpy - INFO - Chain [1] done processing
00:03:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:03:27 - cmdstanpy - INFO - Chain [1] start processing
00:03:28 - cmdstanpy - INFO - Chain [1] done processing
00:03:28 - cmdstanpy - INFO - Chain [1] start processing
00:03:28 - cmdstanpy - INFO - Chain [1] done processing
00:03:28 - cmdstanpy - INFO - Chain [1] start processing
00:03:28 - cmdstanpy - INFO - Chain [1] done processing
00:03:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:03:28 - cmdstanpy - INFO - Chain [1] start processing
00:03:29 - cmdstanpy - INFO - Chain [1] done processing
00:03:29 - cmdstanpy - INFO - Chain [1] start processing
00:03:29 - cmdstanpy - INFO - Chain [1] done processing
00:03:29 - cmdstanpy - INFO - Chain [1] start processing
00:03:29 - cmdstanpy - INFO - Chain [1] done processing
00:03:30 - cmdstanpy - INFO - Chain [1] start processing
00:03:30 - cmdstanpy - INFO - Chain [1] done processing
00:03:30 - cmdstanpy - INFO - Chain [1] start processing
00:03:30 - cmdstanpy - INFO - Chain [1] done processing
00:03:30 - cmdstanpy - INFO - Chain [1] start processing
00:03:30 - cmdstanpy - INFO - Chain [1] done processing
00:03:30 - cmdstanpy - INFO - Chain [1] start processing
00:03:30 - cmdstanpy - INFO - Chain [1] done processing
00:03:31 - cmdstanpy - INFO - Chain [1] start processing
00:03:31 - cmdstanpy - INFO - Chain [1] done processing
00:03:31 - cmdstanpy - INFO - Chain [1] start processing
00:03:31 - cmdstanpy - INFO - Chain [1] done processing
00:03:31 - cmdstanpy - INFO - Chain [1] start processing
00:03:31 - cmdstanpy - INFO - Chain [1] done processing
00:03:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:03:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:03:32 - cmdstanpy - INFO - Chain [1] done processing
00:03:32 - cmdstanpy - INFO - Chain [1] start processing
00:03:32 - cmdstanpy - INFO - Chain [1] done processing
00:03:33 - cmdstanpy - INFO - Chain [1] start processing
00:03:33 - cmdstanpy - INFO - Chain [1] done processing
00:03:33 - cmdstanpy - INFO - Chain [1] start processing
00:03:33 - cmdstanpy - INFO - Chain [1] done processing
00:03:33 - cmdstanpy - INFO - Chain [1] start processing
00:03:33 - cmdstanpy - INFO - Chain [1] done processing
00:03:34 - cmdstanpy - INFO - Chain [1] start processing
00:03:34 - cmdstanpy - INFO - Chain [1] done processing
00:03:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:03:34 - cmdstanpy - INFO - Chain [1] start processing
00:03:34 - cmdstanpy - INFO - Chain [1] done processing
00:03:34 - cmdstanpy - INFO - Chain [1] start processing
00:03:34 - cmdstanpy - INFO - Chain [1] done processing
00:03:34 - cmdstanpy - INFO - Chain [1] start processing
00:03:34 - cmdstanpy - INFO - Chain [1] done processing
00:03:35 - cmdstanpy - INFO - Chain [1] start processing
00:03:35 - cmdstanpy - INFO - Chain [1] done processing
00:03:35 - cmdstanpy - INFO - Chain [1] start processing
00:03:35 - cmdstanpy - INFO - Chain [1] done processing
00:03:35 - cmdstanpy - INFO - Chain [1] start processing
00:03:35 - cmdstanpy - INFO - Chain [1] done processing
00:03:36 - cmdstanpy - INFO - Chain [1] start processing
00:03:36 - cmdstanpy - INFO - Chain [1] done processing
00:03:36 - cmdstanpy - INFO - Chain [1] start processing
00:03:36 - cmdstanpy - INFO - Chain [1] done processing
00:03:36 - cmdstanpy - INFO - Chain [1] start processing
00:03:36 - cmdstanpy - INFO - Chain [1] done processing
00:03:37 - cmdstanpy - INFO - Chain [1] start processing
00:03:37 - cmdstanpy - INFO - Chain [1] done processing
00:03:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:03:37 - cmdstanpy - INFO - Chain [1] start processing
00:03:37 - cmdstanpy - INFO - Chain [1] done processing
00:03:38 - cmdstanpy - INFO - Chain [1] start processing
00:03:38 - cmdstanpy - INFO - Chain [1] done processing
00:03:38 - cmdstanpy - INFO - Chain [1] start processing
00:03:38 - cmdstanpy - INFO - Chain [1] done processing
00:03:38 - cmdstanpy - INFO - Chain [1] start processing
00:03:38 - cmdstanpy - INFO - Chain [1] done processing
00:03:38 - cmdstanpy - INFO - Chain [1] start processing
00:03:39 - cmdstanpy - INFO - Chain [1] done processing
00:03:39 - cmdstanpy - INFO - Chain [1] start processing
00:03:39 - cmdstanpy - INFO - Chain [1] done processing
00:03:39 - cmdstanpy - INFO - Chain [1] start processing
00:03:39 - cmdstanpy - INFO - Chain [1] done processing
00:03:39 - cmdstanpy - INFO - Chain [1] start processing
00:03:39 - cmdstanpy - INFO - Chain [1] done processing
00:03:40 - cmdstanpy - INFO - Chain [1] start processing
00:03:40 - cmdstanpy - INFO - Chain [1] done processing
00:03:40 - cmdstanpy - INFO - Chain [1] start processing
00:03:40 - cmdstanpy - INFO - Chain [1] done processing
00:03:40 - cmdstanpy - INFO - Chain [1] start processing
00:03:41 - cmdstanpy - INFO - Chain [1] done processing
00:03:41 - cmdstanpy - INFO - Chain [1] start processing
00:03:41 - cmdstanpy - INFO - Chain [1] done processing
00:03:41 - cmdstanpy - INFO - Chain [1] start processing
00:03:41 - cmdstanpy - INFO - Chain [1] done processing
00:03:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:03:41 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:03:42 - cmdstanpy - INFO - Chain [1] done processing
00:03:42 - cmdstanpy - INFO - Chain [1] start processing
00:03:42 - cmdstanpy - INFO - Chain [1] done processing
00:03:42 - cmdstanpy - INFO - Chain [1] start processing
00:03:42 - cmdstanpy - INFO - Chain [1] done processing
00:03:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:03:42 - cmdstanpy - INFO - Chain [1] start processing
00:03:43 - cmdstanpy - INFO - Chain [1] done processing
00:03:43 - cmdstanpy - INFO - Chain [1] start processing
00:03:43 - cmdstanpy - INFO - Chain [1] done processing
00:03:43 - cmdstanpy - INFO - Chain [1] start processing
00:03:43 - cmdstanpy - INFO - Chain [1] done processing
00:03:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:03:43 - cmdstanpy - INFO - Chain [1] start processing
00:03:43 - cmdstanpy - INFO - Chain [1] done processing
00:03:44 - cmdstanpy - INFO - Chain [1] start processing
00:03:44 - cmdstanpy - INFO - Chain [1] done processing
00:03:44 - cmdstanpy - INFO - Chain [1] start processing
00:03:44 - cmdstanpy - INFO - Chain [1] done processing
00:03:44 - cmdstanpy - INFO - Chain [1] start processing
00:03:44 - cmdstanpy - INFO - Chain [1] done processing
00:03:45 - cmdstanpy - INFO - Chain [1] start processing
00:03:45 - cmdstanpy - INFO - Chain [1] done processing
00:03:45 - cmdstanpy - INFO - Chain [1] start processing
00:03:45 - cmdstanpy - INFO - Chain [1] done processing
00:03:45 - cmdstanpy - INFO - Chain [1] start processing
00:03:45 - cmdstanpy - INFO - Chain [1] done processing
00:03:46 - cmdstanpy - INFO - Chain [1] start processing
00:03:46 - cmdstanpy - INFO - Chain [1] done processing
00:03:46 - cmdstanpy - INFO - Chain [1] start processing
00:03:46 - cmdstanpy - INFO - Chain [1] done processing
00:03:46 - cmdstanpy - INFO - Chain [1] start processing
00:03:46 - cmdstanpy - INFO - Chain [1] done processing
00:03:47 - cmdstanpy - INFO - Chain [1] start processing
00:03:47 - cmdstanpy - INFO - Chain [1] done processing
00:03:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:03:47 - cmdstanpy - INFO - Chain [1] start processing
00:03:47 - cmdstanpy - INFO - Chain [1] done processing
00:03:47 - cmdstanpy - INFO - Chain [1] start processing
00:03:47 - cmdstanpy - INFO - Chain [1] done processing
00:03:48 - cmdstanpy - INFO - Chain [1] start processing
00:03:48 - cmdstanpy - INFO - Chain [1] done processing
00:03:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:03:48 - cmdstanpy - INFO - Chain [1] start processing
00:03:48 - cmdstanpy - INFO - Chain [1] done processing
00:03:48 - cmdstanpy - INFO - Chain [1] start processing
00:03:48 - cmdstanpy - INFO - Chain [1] done processing
00:03:49 - cmdstanpy - INFO - Chain [1] start processing
00:03:49 - cmdstanpy - INFO - Chain [1] done processing
00:03:49 - cmdstanpy - INFO - Chain [1] start processing
00:03:49 - cmdstanpy - INFO - Chain [1] done processing
00:03:49 - cmdstanpy - INFO - Chain [1] start processing
00:03:49 - cmdstanpy - INFO - Chain [1] done processing
00:03:50 - cmdstanpy - INFO - Chain [1] start processing
00:03:50 - cmdstanpy - INFO - Chain [1] done processing
00:03:50 - cmdstanpy - INFO - Chain [1] start processing
00:03:50 - cmdstanpy - INFO - Chain [1] done processing
00:03:50 - cmdstanpy - INFO - Chain [1] start processing
00:03:50 - cmdstanpy - INFO - Chain [1] done processing
00:03:51 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:03:51 - cmdstanpy - INFO - Chain [1] done processing
00:03:51 - cmdstanpy - INFO - Chain [1] start processing
00:03:51 - cmdstanpy - INFO - Chain [1] done processing
00:03:51 - cmdstanpy - INFO - Chain [1] start processing
00:03:51 - cmdstanpy - INFO - Chain [1] done processing
00:03:52 - cmdstanpy - INFO - Chain [1] start processing
00:03:52 - cmdstanpy - INFO - Chain [1] done processing
00:03:52 - cmdstanpy - INFO - Chain [1] start processing
00:03:52 - cmdstanpy - INFO - Chain [1] done processing
00:03:52 - cmdstanpy - INFO - Chain [1] start processing
00:03:52 - cmdstanpy - INFO - Chain [1] done processing
00:03:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:03:52 - cmdstanpy - INFO - Chain [1] start processing
00:03:53 - cmdstanpy - INFO - Chain [1] done processing
00:03:53 - cmdstanpy - INFO - Chain [1] start processing
00:03:53 - cmdstanpy - INFO - Chain [1] done processing
00:03:53 - cmdstanpy - INFO - Chain [1] start processing
00:03:53 - cmdstanpy - INFO - Chain [1] done processing
00:03:54 - cmdstanpy - INFO - Chain [1] start processing
00:03:54 - cmdstanpy - INFO - Chain [1] done processing
00:03:54 - cmdstanpy - INFO - Chain [1] start processing
00:03:54 - cmdstanpy - INFO - Chain [1] done processing
00:03:54 - cmdstanpy - INFO - Chain [1] start processing
00:03:54 - cmdstanpy - INFO - Chain [1] done processing
00:03:55 - cmdstanpy - INFO - Chain [1] start processing
00:03:55 - cmdstanpy - INFO - Chain [1] done processing
00:03:55 - cmdstanpy - INFO - Chain [1] start processing
00:03:55 - cmdstanpy - INFO - Chain [1] done processing
00:03:55 - cmdstanpy - INFO - Chain [1] start processing
00:03:55 - cmdstanpy - INFO - Chain [1] done processing
00:03:56 - cmdstanpy - INFO - Chain [1] start processing
00:03:56 - cmdstanpy - INFO - Chain [1] done processing
00:03:56 - cmdstanpy - INFO - Chain [1] start processing
00:03:56 - cmdstanpy - INFO - Chain [1] done processing
00:03:56 - cmdstanpy - INFO - Chain [1] start processing
00:03:56 - cmdstanpy - INFO - Chain [1] done processing
00:03:57 - cmdstanpy - INFO - Chain [1] start processing
00:03:57 - cmdstanpy - INFO - Chain [1] done processing
00:03:57 - cmdstanpy - INFO - Chain [1] start processing
00:03:57 - cmdstanpy - INFO - Chain [1] done processing
00:03:57 - cmdstanpy - INFO - Chain [1] start processing
00:03:57 - cmdstanpy - INFO - Chain [1] done processing
00:03:58 - cmdstanpy - INFO - Chain [1] start processing
00:03:58 - cmdstanpy - INFO - Chain [1] done processing
00:03:58 - cmdstanpy - INFO - Chain [1] start processing
00:03:58 - cmdstanpy - INFO - Chain [1] done processing
00:03:58 - cmdstanpy - INFO - Chain [1] start processing
00:03:58 - cmdstanpy - INFO - Chain [1] done processing
00:03:59 - cmdstanpy - INFO - Chain [1] start processing
00:03:59 - cmdstanpy - INFO - Chain [1] done processing
00:03:59 - cmdstanpy - INFO - Chain [1] start processing
00:03:59 - cmdstanpy - INFO - Chain [1] done processing
00:03:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:03:59 - cmdstanpy - INFO - Chain [1] start processing
00:03:59 - cmdstanpy - INFO - Chain [1] done processing
00:04:00 - cmdstanpy - INFO - Chain [1] start processing
00:04:00 - cmdstanpy - INFO - Chain [1] done processing
00:04:00 - cmdstanpy - INFO - Chain [1] start processing
00:04:00 - cmdstanpy - INFO - Chain [1] done processing
00:04:00 - cmdstanpy - INFO - Chain [1] start processing
00:04:01 - cmdstanpy - INFO - Chain [1] done processing
00:04:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:04:01 - cmdstanpy - INFO - Chain [1] done processing
00:04:01 - cmdstanpy - INFO - Chain [1] start processing
00:04:01 - cmdstanpy - INFO - Chain [1] done processing
00:04:02 - cmdstanpy - INFO - Chain [1] start processing
00:04:02 - cmdstanpy - INFO - Chain [1] done processing
00:04:02 - cmdstanpy - INFO - Chain [1] start processing
00:04:02 - cmdstanpy - INFO - Chain [1] done processing
00:04:02 - cmdstanpy - INFO - Chain [1] start processing
00:04:02 - cmdstanpy - INFO - Chain [1] done processing
00:04:03 - cmdstanpy - INFO - Chain [1] start processing
00:04:03 - cmdstanpy - INFO - Chain [1] done processing
00:04:03 - cmdstanpy - INFO - Chain [1] start processing
00:04:03 - cmdstanpy - INFO - Chain [1] done processing
00:04:03 - cmdstanpy - INFO - Chain [1] start processing
00:04:03 - cmdstanpy - INFO - Chain [1] done processing
00:04:04 - cmdstanpy - INFO - Chain [1] start processing
00:04:04 - cmdstanpy - INFO - Chain [1] done processing
00:04:04 - cmdstanpy - INFO - Chain [1] start processing
00:04:04 - cmdstanpy - INFO - Chain [1] done processing
00:04:04 - cmdstanpy - INFO - Chain [1] start processing
00:04:04 - cmdstanpy - INFO - Chain [1] done processing
00:04:05 - cmdstanpy - INFO - Chain [1] start processing
00:04:05 - cmdstanpy - INFO - Chain [1] done processing
00:04:05 - cmdstanpy - INFO - Chain [1] start processing
00:04:05 - cmdstanpy - INFO - Chain [1] done processing
00:04:05 - cmdstanpy - INFO - Chain [1] start processing
00:04:05 - cmdstanpy - INFO - Chain [1] done processing
00:04:06 - cmdstanpy - INFO - Chain [1] start processing
00:04:06 - cmdstanpy - INFO - Chain [1] done processing
00:04:06 - cmdstanpy - INFO - Chain [1] start processing
00:04:06 - cmdstanpy - INFO - Chain [1] done processing
00:04:06 - cmdstanpy - INFO - Chain [1] start processing
00:04:06 - cmdstanpy - INFO - Chain [1] done processing
00:04:07 - cmdstanpy - INFO - Chain [1] start processing
00:04:07 - cmdstanpy - INFO - Chain [1] done processing
00:04:07 - cmdstanpy - INFO - Chain [1] start processing
00:04:07 - cmdstanpy - INFO - Chain [1] done processing
00:04:07 - cmdstanpy - INFO - Chain [1] start processing
00:04:07 - cmdstanpy - INFO - Chain [1] done processing
00:04:08 - cmdstanpy - INFO - Chain [1] start processing
00:04:08 - cmdstanpy - INFO - Chain [1] done processing
00:04:08 - cmdstanpy - INFO - Chain [1] start processing
00:04:08 - cmdstanpy - INFO - Chain [1] done processing
00:04:08 - cmdstanpy - INFO - Chain [1] start processing
00:04:08 - cmdstanpy - INFO - Chain [1] done processing
00:04:08 - cmdstanpy - INFO - Chain [1] start processing
00:04:09 - cmdstanpy - INFO - Chain [1] done processing
00:04:09 - cmdstanpy - INFO - Chain [1] start processing
00:04:09 - cmdstanpy - INFO - Chain [1] done processing
00:04:09 - cmdstanpy - INFO - Chain [1] start processing
00:04:09 - cmdstanpy - INFO - Chain [1] done processing
00:04:09 - cmdstanpy - INFO - Chain [1] start processing
00:04:10 - cmdstanpy - INFO - Chain [1] done processing
00:04:10 - cmdstanpy - INFO - Chain [1] start processing
00:04:10 - cmdstanpy - INFO - Chain [1] done processing
00:04:10 - cmdstanpy - INFO - Chain [1] start processing
00:04:10 - cmdstanpy - INFO - Chain [1] done processing
00:04:10 - cmdstanpy - INFO - Chain [1] start processing
00:04:11 - cmdstanpy - INFO - Chain [1] done processing
00:04:11 - cmdstanpy - INFO - Chain [1] start processing
00:04:11 - cmdstanpy - INFO - Chain [1] done processing
00:04:11 - cmdstanpy - INFO - Chain [1] start processing
00:04:11 - cmdstanpy - INFO - Chain [1] done processing
00:04:11 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:04:11 - cmdstanpy - INFO - Chain [1] done processing
00:04:12 - cmdstanpy - INFO - Chain [1] start processing
00:04:12 - cmdstanpy - INFO - Chain [1] done processing
00:04:12 - cmdstanpy - INFO - Chain [1] start processing
00:04:12 - cmdstanpy - INFO - Chain [1] done processing
00:04:13 - cmdstanpy - INFO - Chain [1] start processing
00:04:13 - cmdstanpy - INFO - Chain [1] done processing
00:04:13 - cmdstanpy - INFO - Chain [1] start processing
00:04:13 - cmdstanpy - INFO - Chain [1] done processing
00:04:13 - cmdstanpy - INFO - Chain [1] start processing
00:04:13 - cmdstanpy - INFO - Chain [1] done processing
00:04:14 - cmdstanpy - INFO - Chain [1] start processing
00:04:14 - cmdstanpy - INFO - Chain [1] done processing
00:04:14 - cmdstanpy - INFO - Chain [1] start processing
00:04:14 - cmdstanpy - INFO - Chain [1] done processing
00:04:14 - cmdstanpy - INFO - Chain [1] start processing
00:04:14 - cmdstanpy - INFO - Chain [1] done processing
00:04:15 - cmdstanpy - INFO - Chain [1] start processing
00:04:15 - cmdstanpy - INFO - Chain [1] done processing
00:04:15 - cmdstanpy - INFO - Chain [1] start processing
00:04:15 - cmdstanpy - INFO - Chain [1] done processing
00:04:16 - cmdstanpy - INFO - Chain [1] start processing
00:04:16 - cmdstanpy - INFO - Chain [1] done processing
00:04:16 - cmdstanpy - INFO - Chain [1] start processing
00:04:16 - cmdstanpy - INFO - Chain [1] done processing
00:04:16 - cmdstanpy - INFO - Chain [1] start processing
00:04:16 - cmdstanpy - INFO - Chain [1] done processing
00:04:17 - cmdstanpy - INFO - Chain [1] start processing
00:04:17 - cmdstanpy - INFO - Chain [1] done processing
00:04:17 - cmdstanpy - INFO - Chain [1] start processing
00:04:17 - cmdstanpy - INFO - Chain [1] done processing
00:04:17 - cmdstanpy - INFO - Chain [1] start processing
00:04:18 - cmdstanpy - INFO - Chain [1] done processing
00:04:18 - cmdstanpy - INFO - Chain [1] start processing
00:04:18 - cmdstanpy - INFO - Chain [1] done processing
00:04:18 - cmdstanpy - INFO - Chain [1] start processing
00:04:19 - cmdstanpy - INFO - Chain [1] done processing
00:04:19 - cmdstanpy - INFO - Chain [1] start processing
00:04:19 - cmdstanpy - INFO - Chain [1] done processing
00:04:19 - cmdstanpy - INFO - Chain [1] start processing
00:04:19 - cmdstanpy - INFO - Chain [1] done processing
00:04:20 - cmdstanpy - INFO - Chain [1] start processing
00:04:20 - cmdstanpy - INFO - Chain [1] done processing
00:04:20 - cmdstanpy - INFO - Chain [1] start processing
00:04:20 - cmdstanpy - INFO - Chain [1] done processing
00:04:20 - cmdstanpy - INFO - Chain [1] start processing
00:04:21 - cmdstanpy - INFO - Chain [1] done processing
00:04:21 - cmdstanpy - INFO - Chain [1] start processing
00:04:21 - cmdstanpy - INFO - Chain [1] done processing
00:04:21 - cmdstanpy - INFO - Chain [1] start processing
00:04:22 - cmdstanpy - INFO - Chain [1] done processing
00:04:22 - cmdstanpy - INFO - Chain [1] start processing
00:04:22 - cmdstanpy - INFO - Chain [1] done processing
00:04:22 - cmdstanpy - INFO - Chain [1] start processing
00:04:22 - cmdstanpy - INFO - Chain [1] done processing
00:04:23 - cmdstanpy - INFO - Chain [1] start processing
00:04:23 - cmdstanpy - INFO - Chain [1] done processing
00:04:23 - cmdstanpy - INFO - Chain [1] start processing
00:04:23 - cmdstanpy - INFO - Chain [1] done processing
00:04:23 - cmdstanpy - INFO - Chain [1] start processing
00:04:24 - cmdstanpy - INFO - Chain [1] done processing
00:04:24 - cmdstanpy - INFO - Chain [1] start processing
00:04:24 - cmdstanpy - INFO - Chain [1] done processing
00:04:24 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:04:25 - cmdstanpy - INFO - Chain [1] done processing
00:04:25 - cmdstanpy - INFO - Chain [1] start processing
00:04:25 - cmdstanpy - INFO - Chain [1] done processing
00:04:25 - cmdstanpy - INFO - Chain [1] start processing
00:04:25 - cmdstanpy - INFO - Chain [1] done processing
00:04:26 - cmdstanpy - INFO - Chain [1] start processing
00:04:26 - cmdstanpy - INFO - Chain [1] done processing
00:04:26 - cmdstanpy - INFO - Chain [1] start processing
00:04:26 - cmdstanpy - INFO - Chain [1] done processing
00:04:27 - cmdstanpy - INFO - Chain [1] start processing
00:04:27 - cmdstanpy - INFO - Chain [1] done processing
00:04:27 - cmdstanpy - INFO - Chain [1] start processing
00:04:27 - cmdstanpy - INFO - Chain [1] done processing
00:04:28 - cmdstanpy - INFO - Chain [1] start processing
00:04:28 - cmdstanpy - INFO - Chain [1] done processing
00:04:28 - cmdstanpy - INFO - Chain [1] start processing
00:04:28 - cmdstanpy - INFO - Chain [1] done processing
00:04:28 - cmdstanpy - INFO - Chain [1] start processing
00:04:28 - cmdstanpy - INFO - Chain [1] done processing
00:04:29 - cmdstanpy - INFO - Chain [1] start processing
00:04:29 - cmdstanpy - INFO - Chain [1] done processing
00:04:29 - cmdstanpy - INFO - Chain [1] start processing
00:04:29 - cmdstanpy - INFO - Chain [1] done processing
00:04:29 - cmdstanpy - INFO - Chain [1] start processing
00:04:30 - cmdstanpy - INFO - Chain [1] done processing
00:04:30 - cmdstanpy - INFO - Chain [1] start processing
00:04:30 - cmdstanpy - INFO - Chain [1] done processing
00:04:30 - cmdstanpy - INFO - Chain [1] start processing
00:04:30 - cmdstanpy - INFO - Chain [1] done processing
00:04:30 - cmdstanpy - INFO - Chain [1] start processing
00:04:30 - cmdstanpy - INFO - Chain [1] done processing
00:04:31 - cmdstanpy - INFO - Chain [1] start processing
00:04:31 - cmdstanpy - INFO - Chain [1] done processing
00:04:31 - cmdstanpy - INFO - Chain [1] start processing
00:04:31 - cmdstanpy - INFO - Chain [1] done processing
00:04:31 - cmdstanpy - INFO - Chain [1] start processing
00:04:31 - cmdstanpy - INFO - Chain [1] done processing
00:04:32 - cmdstanpy - INFO - Chain [1] start processing
00:04:32 - cmdstanpy - INFO - Chain [1] done processing
00:04:32 - cmdstanpy - INFO - Chain [1] start processing
00:04:32 - cmdstanpy - INFO - Chain [1] done processing
00:04:32 - cmdstanpy - INFO - Chain [1] start processing
00:04:32 - cmdstanpy - INFO - Chain [1] done processing
00:04:33 - cmdstanpy - INFO - Chain [1] start processing
00:04:33 - cmdstanpy - INFO - Chain [1] done processing
00:04:33 - cmdstanpy - INFO - Chain [1] start processing
00:04:33 - cmdstanpy - INFO - Chain [1] done processing
00:04:33 - cmdstanpy - INFO - Chain [1] start processing
00:04:33 - cmdstanpy - INFO - Chain [1] done processing
00:04:34 - cmdstanpy - INFO - Chain [1] start processing
00:04:34 - cmdstanpy - INFO - Chain [1] done processing
00:04:34 - cmdstanpy - INFO - Chain [1] start processing
00:04:34 - cmdstanpy - INFO - Chain [1] done processing
00:04:34 - cmdstanpy - INFO - Chain [1] start processing
00:04:34 - cmdstanpy - INFO - Chain [1] done processing
00:04:35 - cmdstanpy - INFO - Chain [1] start processing
00:04:35 - cmdstanpy - INFO - Chain [1] done processing
00:04:35 - cmdstanpy - INFO - Chain [1] start processing
00:04:35 - cmdstanpy - INFO - Chain [1] done processing
00:04:35 - cmdstanpy - INFO - Chain [1] start processing
00:04:35 - cmdstanpy - INFO - Chain [1] done processing
00:04:36 - cmdstanpy - INFO - Chain [1] start processing
00:04:36 - cmdstanpy - INFO - Chain [1] done processing
00:04:36 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:04:36 - cmdstanpy - INFO - Chain [1] done processing
00:04:36 - cmdstanpy - INFO - Chain [1] start processing
00:04:36 - cmdstanpy - INFO - Chain [1] done processing
00:04:37 - cmdstanpy - INFO - Chain [1] start processing
00:04:37 - cmdstanpy - INFO - Chain [1] done processing
00:04:37 - cmdstanpy - INFO - Chain [1] start processing
00:04:37 - cmdstanpy - INFO - Chain [1] done processing
00:04:37 - cmdstanpy - INFO - Chain [1] start processing
00:04:37 - cmdstanpy - INFO - Chain [1] done processing
00:04:38 - cmdstanpy - INFO - Chain [1] start processing
00:04:38 - cmdstanpy - INFO - Chain [1] done processing
00:04:38 - cmdstanpy - INFO - Chain [1] start processing
00:04:38 - cmdstanpy - INFO - Chain [1] done processing
00:04:38 - cmdstanpy - INFO - Chain [1] start processing
00:04:38 - cmdstanpy - INFO - Chain [1] done processing
00:04:39 - cmdstanpy - INFO - Chain [1] start processing
00:04:39 - cmdstanpy - INFO - Chain [1] done processing
00:04:39 - cmdstanpy - INFO - Chain [1] start processing
00:04:39 - cmdstanpy - INFO - Chain [1] done processing
00:04:39 - cmdstanpy - INFO - Chain [1] start processing
00:04:39 - cmdstanpy - INFO - Chain [1] done processing
00:04:39 - cmdstanpy - INFO - Chain [1] start processing
00:04:39 - cmdstanpy - INFO - Chain [1] done processing
00:04:40 - cmdstanpy - INFO - Chain [1] start processing
00:04:40 - cmdstanpy - INFO - Chain [1] done processing
00:04:40 - cmdstanpy - INFO - Chain [1] start processing
00:04:40 - cmdstanpy - INFO - Chain [1] done processing
00:04:40 - cmdstanpy - INFO - Chain [1] start processing
00:04:40 - cmdstanpy - INFO - Chain [1] done processing
00:04:41 - cmdstanpy - INFO - Chain [1] start processing
00:04:41 - cmdstanpy - INFO - Chain [1] done processing
00:04:41 - cmdstanpy - INFO - Chain [1] start processing
00:04:41 - cmdstanpy - INFO - Chain [1] done processing
00:04:41 - cmdstanpy - INFO - Chain [1] start processing
00:04:41 - cmdstanpy - INFO - Chain [1] done processing
00:04:42 - cmdstanpy - INFO - Chain [1] start processing
00:04:42 - cmdstanpy - INFO - Chain [1] done processing
00:04:42 - cmdstanpy - INFO - Chain [1] start processing
00:04:42 - cmdstanpy - INFO - Chain [1] done processing
00:04:42 - cmdstanpy - INFO - Chain [1] start processing
00:04:42 - cmdstanpy - INFO - Chain [1] done processing
00:04:43 - cmdstanpy - INFO - Chain [1] start processing
00:04:43 - cmdstanpy - INFO - Chain [1] done processing
00:04:43 - cmdstanpy - INFO - Chain [1] start processing
00:04:43 - cmdstanpy - INFO - Chain [1] done processing
00:04:43 - cmdstanpy - INFO - Chain [1] start processing
00:04:43 - cmdstanpy - INFO - Chain [1] done processing
00:04:44 - cmdstanpy - INFO - Chain [1] start processing
00:04:44 - cmdstanpy - INFO - Chain [1] done processing
00:04:44 - cmdstanpy - INFO - Chain [1] start processing
00:04:44 - cmdstanpy - INFO - Chain [1] done processing
00:04:44 - cmdstanpy - INFO - Chain [1] start processing
00:04:44 - cmdstanpy - INFO - Chain [1] done processing
00:04:45 - cmdstanpy - INFO - Chain [1] start processing
00:04:45 - cmdstanpy - INFO - Chain [1] done processing
00:04:45 - cmdstanpy - INFO - Chain [1] start processing
00:04:45 - cmdstanpy - INFO - Chain [1] done processing
00:04:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:04:45 - cmdstanpy - INFO - Chain [1] start processing
00:04:45 - cmdstanpy - INFO - Chain [1] done processing
00:04:46 - cmdstanpy - INFO - Chain [1] start processing
00:04:46 - cmdstanpy - INFO - Chain [1] done processing
00:04:46 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:04:46 - cmdstanpy - INFO - Chain [1] done processing
00:04:47 - cmdstanpy - INFO - Chain [1] start processing
00:04:47 - cmdstanpy - INFO - Chain [1] done processing
00:04:47 - cmdstanpy - INFO - Chain [1] start processing
00:04:47 - cmdstanpy - INFO - Chain [1] done processing
00:04:47 - cmdstanpy - INFO - Chain [1] start processing
00:04:47 - cmdstanpy - INFO - Chain [1] done processing
00:04:48 - cmdstanpy - INFO - Chain [1] start processing
00:04:48 - cmdstanpy - INFO - Chain [1] done processing
00:04:48 - cmdstanpy - INFO - Chain [1] start processing
00:04:48 - cmdstanpy - INFO - Chain [1] done processing
00:04:49 - cmdstanpy - INFO - Chain [1] start processing
00:04:49 - cmdstanpy - INFO - Chain [1] done processing
00:04:49 - cmdstanpy - INFO - Chain [1] start processing
00:04:49 - cmdstanpy - INFO - Chain [1] done processing
00:04:49 - cmdstanpy - INFO - Chain [1] start processing
00:04:49 - cmdstanpy - INFO - Chain [1] done processing
00:04:50 - cmdstanpy - INFO - Chain [1] start processing
00:04:50 - cmdstanpy - INFO - Chain [1] done processing
00:04:50 - cmdstanpy - INFO - Chain [1] start processing
00:04:50 - cmdstanpy - INFO - Chain [1] done processing
00:04:50 - cmdstanpy - INFO - Chain [1] start processing
00:04:50 - cmdstanpy - INFO - Chain [1] done processing
00:04:51 - cmdstanpy - INFO - Chain [1] start processing
00:04:51 - cmdstanpy - INFO - Chain [1] done processing
00:04:51 - cmdstanpy - INFO - Chain [1] start processing
00:04:51 - cmdstanpy - INFO - Chain [1] done processing
00:04:51 - cmdstanpy - INFO - Chain [1] start processing
00:04:51 - cmdstanpy - INFO - Chain [1] done processing
00:04:52 - cmdstanpy - INFO - Chain [1] start processing
00:04:52 - cmdstanpy - INFO - Chain [1] done processing
00:04:52 - cmdstanpy - INFO - Chain [1] start processing
00:04:52 - cmdstanpy - INFO - Chain [1] done processing
00:04:53 - cmdstanpy - INFO - Chain [1] start processing
00:04:53 - cmdstanpy - INFO - Chain [1] done processing
00:04:53 - cmdstanpy - INFO - Chain [1] start processing
00:04:53 - cmdstanpy - INFO - Chain [1] done processing
00:04:53 - cmdstanpy - INFO - Chain [1] start processing
00:04:53 - cmdstanpy - INFO - Chain [1] done processing
00:04:54 - cmdstanpy - INFO - Chain [1] start processing
00:04:54 - cmdstanpy - INFO - Chain [1] done processing
00:04:54 - cmdstanpy - INFO - Chain [1] start processing
00:04:54 - cmdstanpy - INFO - Chain [1] done processing
00:04:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:04:54 - cmdstanpy - INFO - Chain [1] start processing
00:04:54 - cmdstanpy - INFO - Chain [1] done processing
00:04:55 - cmdstanpy - INFO - Chain [1] start processing
00:04:55 - cmdstanpy - INFO - Chain [1] done processing
00:04:56 - cmdstanpy - INFO - Chain [1] start processing
00:04:56 - cmdstanpy - INFO - Chain [1] done processing
00:04:56 - cmdstanpy - INFO - Chain [1] start processing
00:04:56 - cmdstanpy - INFO - Chain [1] done processing
00:04:56 - cmdstanpy - INFO - Chain [1] start processing
00:04:56 - cmdstanpy - INFO - Chain [1] done processing
00:04:57 - cmdstanpy - INFO - Chain [1] start processing
00:04:57 - cmdstanpy - INFO - Chain [1] done processing
00:04:57 - cmdstanpy - INFO - Chain [1] start processing
00:04:57 - cmdstanpy - INFO - Chain [1] done processing
00:04:58 - cmdstanpy - INFO - Chain [1] start processing
00:04:58 - cmdstanpy - INFO - Chain [1] done processing
00:04:58 - cmdstanpy - INFO - Chain [1] start processing
00:04:58 - cmdstanpy - INFO - Chain [1] done processing
00:04:59 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:04:59 - cmdstanpy - INFO - Chain [1] done processing
00:04:59 - cmdstanpy - INFO - Chain [1] start processing
00:04:59 - cmdstanpy - INFO - Chain [1] done processing
00:05:00 - cmdstanpy - INFO - Chain [1] start processing
00:05:00 - cmdstanpy - INFO - Chain [1] done processing
00:05:01 - cmdstanpy - INFO - Chain [1] start processing
00:05:01 - cmdstanpy - INFO - Chain [1] done processing
00:05:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:05:01 - cmdstanpy - INFO - Chain [1] start processing
00:05:01 - cmdstanpy - INFO - Chain [1] done processing
00:05:02 - cmdstanpy - INFO - Chain [1] start processing
00:05:02 - cmdstanpy - INFO - Chain [1] done processing
00:05:02 - cmdstanpy - INFO - Chain [1] start processing
00:05:02 - cmdstanpy - INFO - Chain [1] done processing
00:05:03 - cmdstanpy - INFO - Chain [1] start processing
00:05:03 - cmdstanpy - INFO - Chain [1] done processing
00:05:03 - cmdstanpy - INFO - Chain [1] start processing
00:05:03 - cmdstanpy - INFO - Chain [1] done processing
00:05:04 - cmdstanpy - INFO - Chain [1] start processing
00:05:04 - cmdstanpy - INFO - Chain [1] done processing
00:05:04 - cmdstanpy - INFO - Chain [1] start processing
00:05:04 - cmdstanpy - INFO - Chain [1] done processing
00:05:04 - cmdstanpy - INFO - Chain [1] start processing
00:05:04 - cmdstanpy - INFO - Chain [1] done processing
00:05:05 - cmdstanpy - INFO - Chain [1] start processing
00:05:05 - cmdstanpy - INFO - Chain [1] done processing
00:05:05 - cmdstanpy - INFO - Chain [1] start processing
00:05:05 - cmdstanpy - INFO - Chain [1] done processing
00:05:05 - cmdstanpy - INFO - Chain [1] start processing
00:05:05 - cmdstanpy - INFO - Chain [1] done processing
00:05:06 - cmdstanpy - INFO - Chain [1] start processing
00:05:06 - cmdstanpy - INFO - Chain [1] done processing
00:05:06 - cmdstanpy - INFO - Chain [1] start processing
00:05:06 - cmdstanpy - INFO - Chain [1] done processing
00:05:06 - cmdstanpy - INFO - Chain [1] start processing
00:05:06 - cmdstanpy - INFO - Chain [1] done processing
00:05:07 - cmdstanpy - INFO - Chain [1] start processing
00:05:07 - cmdstanpy - INFO - Chain [1] done processing
00:05:07 - cmdstanpy - INFO - Chain [1] start processing
00:05:07 - cmdstanpy - INFO - Chain [1] done processing
00:05:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:05:07 - cmdstanpy - INFO - Chain [1] start processing
00:05:07 - cmdstanpy - INFO - Chain [1] done processing
00:05:08 - cmdstanpy - INFO - Chain [1] start processing
00:05:08 - cmdstanpy - INFO - Chain [1] done processing
00:05:08 - cmdstanpy - INFO - Chain [1] start processing
00:05:08 - cmdstanpy - INFO - Chain [1] done processing
00:05:08 - cmdstanpy - INFO - Chain [1] start processing
00:05:09 - cmdstanpy - INFO - Chain [1] done processing
00:05:09 - cmdstanpy - INFO - Chain [1] start processing
00:05:09 - cmdstanpy - INFO - Chain [1] done processing
00:05:09 - cmdstanpy - INFO - Chain [1] start processing
00:05:09 - cmdstanpy - INFO - Chain [1] done processing
00:05:09 - cmdstanpy - INFO - Chain [1] start processing
00:05:10 - cmdstanpy - INFO - Chain [1] done processing
00:05:10 - cmdstanpy - INFO - Chain [1] start processing
00:05:10 - cmdstanpy - INFO - Chain [1] done processing
00:05:10 - cmdstanpy - INFO - Chain [1] start processing
00:05:10 - cmdstanpy - INFO - Chain [1] done processing
00:05:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:05:10 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:05:10 - cmdstanpy - INFO - Chain [1] done processing
00:05:11 - cmdstanpy - INFO - Chain [1] start processing
00:05:11 - cmdstanpy - INFO - Chain [1] done processing
00:05:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:05:11 - cmdstanpy - INFO - Chain [1] start processing
00:05:11 - cmdstanpy - INFO - Chain [1] done processing
00:05:11 - cmdstanpy - INFO - Chain [1] start processing
00:05:11 - cmdstanpy - INFO - Chain [1] done processing
00:05:12 - cmdstanpy - INFO - Chain [1] start processing
00:05:12 - cmdstanpy - INFO - Chain [1] done processing
00:05:12 - cmdstanpy - INFO - Chain [1] start processing
00:05:12 - cmdstanpy - INFO - Chain [1] done processing
00:05:12 - cmdstanpy - INFO - Chain [1] start processing
00:05:12 - cmdstanpy - INFO - Chain [1] done processing
00:05:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:05:12 - cmdstanpy - INFO - Chain [1] start processing
00:05:13 - cmdstanpy - INFO - Chain [1] done processing
00:05:13 - cmdstanpy - INFO - Chain [1] start processing
00:05:13 - cmdstanpy - INFO - Chain [1] done processing
00:05:13 - cmdstanpy - INFO - Chain [1] start processing
00:05:13 - cmdstanpy - INFO - Chain [1] done processing
00:05:14 - cmdstanpy - INFO - Chain [1] start processing
00:05:14 - cmdstanpy - INFO - Chain [1] done processing
00:05:14 - cmdstanpy - INFO - Chain [1] start processing
00:05:14 - cmdstanpy - INFO - Chain [1] done processing
00:05:14 - cmdstanpy - INFO - Chain [1] start processing
00:05:14 - cmdstanpy - INFO - Chain [1] done processing
00:05:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:05:14 - cmdstanpy - INFO - Chain [1] start processing
00:05:15 - cmdstanpy - INFO - Chain [1] done processing
00:05:15 - cmdstanpy - INFO - Chain [1] start processing
00:05:15 - cmdstanpy - INFO - Chain [1] done processing
00:05:15 - cmdstanpy - INFO - Chain [1] start processing
00:05:15 - cmdstanpy - INFO - Chain [1] done processing
00:05:16 - cmdstanpy - INFO - Chain [1] start processing
00:05:16 - cmdstanpy - INFO - Chain [1] done processing
00:05:16 - cmdstanpy - INFO - Chain [1] start processing
00:05:16 - cmdstanpy - INFO - Chain [1] done processing
00:05:16 - cmdstanpy - INFO - Chain [1] start processing
00:05:16 - cmdstanpy - INFO - Chain [1] done processing
00:05:17 - cmdstanpy - INFO - Chain [1] start processing
00:05:17 - cmdstanpy - INFO - Chain [1] done processing
00:05:17 - cmdstanpy - INFO - Chain [1] start processing
00:05:17 - cmdstanpy - INFO - Chain [1] done processing
00:05:18 - cmdstanpy - INFO - Chain [1] start processing
00:05:18 - cmdstanpy - INFO - Chain [1] done processing
00:05:18 - cmdstanpy - INFO - Chain [1] start processing
00:05:18 - cmdstanpy - INFO - Chain [1] done processing
00:05:19 - cmdstanpy - INFO - Chain [1] start processing
00:05:19 - cmdstanpy - INFO - Chain [1] done processing
00:05:19 - cmdstanpy - INFO - Chain [1] start processing
00:05:20 - cmdstanpy - INFO - Chain [1] done processing
00:05:20 - cmdstanpy - INFO - Chain [1] start processing
00:05:20 - cmdstanpy - INFO - Chain [1] done processing
00:05:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:05:20 - cmdstanpy - INFO - Chain [1] start processing
00:05:21 - cmdstanpy - INFO - Chain [1] done processing
00:05:21 - cmdstanpy - INFO - Chain [1] start processing
00:05:21 - cmdstanpy - INFO - Chain [1] done processing
00:05:21 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:05:22 - cmdstanpy - INFO - Chain [1] done processing
00:05:22 - cmdstanpy - INFO - Chain [1] start processing
00:05:22 - cmdstanpy - INFO - Chain [1] done processing
00:05:22 - cmdstanpy - INFO - Chain [1] start processing
00:05:22 - cmdstanpy - INFO - Chain [1] done processing
00:05:23 - cmdstanpy - INFO - Chain [1] start processing
00:05:23 - cmdstanpy - INFO - Chain [1] done processing
00:05:23 - cmdstanpy - INFO - Chain [1] start processing
00:05:23 - cmdstanpy - INFO - Chain [1] done processing
00:05:24 - cmdstanpy - INFO - Chain [1] start processing
00:05:24 - cmdstanpy - INFO - Chain [1] done processing
00:05:24 - cmdstanpy - INFO - Chain [1] start processing
00:05:24 - cmdstanpy - INFO - Chain [1] done processing
00:05:24 - cmdstanpy - INFO - Chain [1] start processing
00:05:24 - cmdstanpy - INFO - Chain [1] done processing
00:05:25 - cmdstanpy - INFO - Chain [1] start processing
00:05:25 - cmdstanpy - INFO - Chain [1] done processing
00:05:25 - cmdstanpy - INFO - Chain [1] start processing
00:05:25 - cmdstanpy - INFO - Chain [1] done processing
00:05:25 - cmdstanpy - INFO - Chain [1] start processing
00:05:25 - cmdstanpy - INFO - Chain [1] done processing
00:05:26 - cmdstanpy - INFO - Chain [1] start processing
00:05:26 - cmdstanpy - INFO - Chain [1] done processing
00:05:26 - cmdstanpy - INFO - Chain [1] start processing
00:05:26 - cmdstanpy - INFO - Chain [1] done processing
00:05:26 - cmdstanpy - INFO - Chain [1] start processing
00:05:26 - cmdstanpy - INFO - Chain [1] done processing
00:05:27 - cmdstanpy - INFO - Chain [1] start processing
00:05:27 - cmdstanpy - INFO - Chain [1] done processing
00:05:27 - cmdstanpy - INFO - Chain [1] start processing
00:05:27 - cmdstanpy - INFO - Chain [1] done processing
00:05:28 - cmdstanpy - INFO - Chain [1] start processing
00:05:28 - cmdstanpy - INFO - Chain [1] done processing
00:05:28 - cmdstanpy - INFO - Chain [1] start processing
00:05:29 - cmdstanpy - INFO - Chain [1] done processing
00:05:29 - cmdstanpy - INFO - Chain [1] start processing
00:05:29 - cmdstanpy - INFO - Chain [1] done processing
00:05:30 - cmdstanpy - INFO - Chain [1] start processing
00:05:30 - cmdstanpy - INFO - Chain [1] done processing
00:05:30 - cmdstanpy - INFO - Chain [1] start processing
00:05:30 - cmdstanpy - INFO - Chain [1] done processing
00:05:30 - cmdstanpy - INFO - Chain [1] start processing
00:05:31 - cmdstanpy - INFO - Chain [1] done processing
00:05:31 - cmdstanpy - INFO - Chain [1] start processing
00:05:31 - cmdstanpy - INFO - Chain [1] done processing
00:05:31 - cmdstanpy - INFO - Chain [1] start processing
00:05:31 - cmdstanpy - INFO - Chain [1] done processing
00:05:32 - cmdstanpy - INFO - Chain [1] start processing
00:05:32 - cmdstanpy - INFO - Chain [1] done processing
00:05:32 - cmdstanpy - INFO - Chain [1] start processing
00:05:32 - cmdstanpy - INFO - Chain [1] done processing
00:05:33 - cmdstanpy - INFO - Chain [1] start processing
00:05:33 - cmdstanpy - INFO - Chain [1] done processing
00:05:33 - cmdstanpy - INFO - Chain [1] start processing
00:05:33 - cmdstanpy - INFO - Chain [1] done processing
00:05:33 - cmdstanpy - INFO - Chain [1] start processing
00:05:33 - cmdstanpy - INFO - Chain [1] done processing
00:05:34 - cmdstanpy - INFO - Chain [1] start processing
00:05:34 - cmdstanpy - INFO - Chain [1] done processing
00:05:34 - cmdstanpy - INFO - Chain [1] start processing
00:05:34 - cmdstanpy - INFO - Chain [1] done processing
00:05:34 - cmdstanpy - INFO - Chain [1] start processing
00:05:35 - cmdstanpy - INFO - Chain [1] done processing
00:05:35 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:05:35 - cmdstanpy - INFO - Chain [1] done processing
00:05:35 - cmdstanpy - INFO - Chain [1] start processing
00:05:35 - cmdstanpy - INFO - Chain [1] done processing
00:05:35 - cmdstanpy - INFO - Chain [1] start processing
00:05:36 - cmdstanpy - INFO - Chain [1] done processing
00:05:36 - cmdstanpy - INFO - Chain [1] start processing
00:05:36 - cmdstanpy - INFO - Chain [1] done processing
00:05:36 - cmdstanpy - INFO - Chain [1] start processing
00:05:36 - cmdstanpy - INFO - Chain [1] done processing
00:05:37 - cmdstanpy - INFO - Chain [1] start processing
00:05:37 - cmdstanpy - INFO - Chain [1] done processing
00:05:37 - cmdstanpy - INFO - Chain [1] start processing
00:05:37 - cmdstanpy - INFO - Chain [1] done processing
00:05:37 - cmdstanpy - INFO - Chain [1] start processing
00:05:37 - cmdstanpy - INFO - Chain [1] done processing
00:05:38 - cmdstanpy - INFO - Chain [1] start processing
00:05:38 - cmdstanpy - INFO - Chain [1] done processing
00:05:38 - cmdstanpy - INFO - Chain [1] start processing
00:05:38 - cmdstanpy - INFO - Chain [1] done processing
00:05:38 - cmdstanpy - INFO - Chain [1] start processing
00:05:39 - cmdstanpy - INFO - Chain [1] done processing
00:05:39 - cmdstanpy - INFO - Chain [1] start processing
00:05:39 - cmdstanpy - INFO - Chain [1] done processing
00:05:39 - cmdstanpy - INFO - Chain [1] start processing
00:05:40 - cmdstanpy - INFO - Chain [1] done processing
00:05:40 - cmdstanpy - INFO - Chain [1] start processing
00:05:41 - cmdstanpy - INFO - Chain [1] done processing
00:05:41 - cmdstanpy - INFO - Chain [1] start processing
00:05:41 - cmdstanpy - INFO - Chain [1] done processing
00:05:42 - cmdstanpy - INFO - Chain [1] start processing
00:05:42 - cmdstanpy - INFO - Chain [1] done processing
00:05:42 - cmdstanpy - INFO - Chain [1] start processing
00:05:42 - cmdstanpy - INFO - Chain [1] done processing
00:05:43 - cmdstanpy - INFO - Chain [1] start processing
00:05:43 - cmdstanpy - INFO - Chain [1] done processing
00:05:43 - cmdstanpy - INFO - Chain [1] start processing
00:05:43 - cmdstanpy - INFO - Chain [1] done processing
00:05:44 - cmdstanpy - INFO - Chain [1] start processing
00:05:44 - cmdstanpy - INFO - Chain [1] done processing
00:05:44 - cmdstanpy - INFO - Chain [1] start processing
00:05:44 - cmdstanpy - INFO - Chain [1] done processing
00:05:45 - cmdstanpy - INFO - Chain [1] start processing
00:05:45 - cmdstanpy - INFO - Chain [1] done processing
00:05:45 - cmdstanpy - INFO - Chain [1] start processing
00:05:45 - cmdstanpy - INFO - Chain [1] done processing
00:05:46 - cmdstanpy - INFO - Chain [1] start processing
00:05:46 - cmdstanpy - INFO - Chain [1] done processing
00:05:46 - cmdstanpy - INFO - Chain [1] start processing
00:05:46 - cmdstanpy - INFO - Chain [1] done processing
00:05:47 - cmdstanpy - INFO - Chain [1] start processing
00:05:47 - cmdstanpy - INFO - Chain [1] done processing
00:05:48 - cmdstanpy - INFO - Chain [1] start processing
00:05:48 - cmdstanpy - INFO - Chain [1] done processing
00:05:48 - cmdstanpy - INFO - Chain [1] start processing
00:05:48 - cmdstanpy - INFO - Chain [1] done processing
00:05:48 - cmdstanpy - INFO - Chain [1] start processing
00:05:48 - cmdstanpy - INFO - Chain [1] done processing
00:05:49 - cmdstanpy - INFO - Chain [1] start processing
00:05:49 - cmdstanpy - INFO - Chain [1] done processing
00:05:49 - cmdstanpy - INFO - Chain [1] start processing
00:05:49 - cmdstanpy - INFO - Chain [1] done processing
00:05:50 - cmdstanpy - INFO - Chain [1] start processing
00:05:50 - cmdstanpy - INFO - Chain [1] done processing
00:05:50 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:05:50 - cmdstanpy - INFO - Chain [1] done processing
00:05:51 - cmdstanpy - INFO - Chain [1] start processing
00:05:51 - cmdstanpy - INFO - Chain [1] done processing
00:05:51 - cmdstanpy - INFO - Chain [1] start processing
00:05:51 - cmdstanpy - INFO - Chain [1] done processing
00:05:52 - cmdstanpy - INFO - Chain [1] start processing
00:05:52 - cmdstanpy - INFO - Chain [1] done processing
00:05:52 - cmdstanpy - INFO - Chain [1] start processing
00:05:52 - cmdstanpy - INFO - Chain [1] done processing
00:05:53 - cmdstanpy - INFO - Chain [1] start processing
00:05:53 - cmdstanpy - INFO - Chain [1] done processing
00:05:53 - cmdstanpy - INFO - Chain [1] start processing
00:05:53 - cmdstanpy - INFO - Chain [1] done processing
00:05:53 - cmdstanpy - INFO - Chain [1] start processing
00:05:53 - cmdstanpy - INFO - Chain [1] done processing
00:05:54 - cmdstanpy - INFO - Chain [1] start processing
00:05:54 - cmdstanpy - INFO - Chain [1] done processing
00:05:54 - cmdstanpy - INFO - Chain [1] start processing
00:05:54 - cmdstanpy - INFO - Chain [1] done processing
00:05:55 - cmdstanpy - INFO - Chain [1] start processing
00:05:55 - cmdstanpy - INFO - Chain [1] done processing
00:05:55 - cmdstanpy - INFO - Chain [1] start processing
00:05:55 - cmdstanpy - INFO - Chain [1] done processing
00:05:56 - cmdstanpy - INFO - Chain [1] start processing
00:05:56 - cmdstanpy - INFO - Chain [1] done processing
00:05:56 - cmdstanpy - INFO - Chain [1] start processing
00:05:56 - cmdstanpy - INFO - Chain [1] done processing
00:05:57 - cmdstanpy - INFO - Chain [1] start processing
00:05:57 - cmdstanpy - INFO - Chain [1] done processing
00:05:57 - cmdstanpy - INFO - Chain [1] start processing
00:05:57 - cmdstanpy - INFO - Chain [1] done processing
00:05:58 - cmdstanpy - INFO - Chain [1] start processing
00:05:58 - cmdstanpy - INFO - Chain [1] done processing
00:05:58 - cmdstanpy - INFO - Chain [1] start processing
00:05:58 - cmdstanpy - INFO - Chain [1] done processing
00:05:58 - cmdstanpy - INFO - Chain [1] start processing
00:05:58 - cmdstanpy - INFO - Chain [1] done processing
00:05:59 - cmdstanpy - INFO - Chain [1] start processing
00:05:59 - cmdstanpy - INFO - Chain [1] done processing
00:05:59 - cmdstanpy - INFO - Chain [1] start processing
00:05:59 - cmdstanpy - INFO - Chain [1] done processing
00:06:00 - cmdstanpy - INFO - Chain [1] start processing
00:06:00 - cmdstanpy - INFO - Chain [1] done processing
00:06:00 - cmdstanpy - INFO - Chain [1] start processing
00:06:00 - cmdstanpy - INFO - Chain [1] done processing
00:06:01 - cmdstanpy - INFO - Chain [1] start processing
00:06:01 - cmdstanpy - INFO - Chain [1] done processing
00:06:01 - cmdstanpy - INFO - Chain [1] start processing
00:06:01 - cmdstanpy - INFO - Chain [1] done processing
00:06:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:01 - cmdstanpy - INFO - Chain [1] start processing
00:06:01 - cmdstanpy - INFO - Chain [1] done processing
00:06:02 - cmdstanpy - INFO - Chain [1] start processing
00:06:02 - cmdstanpy - INFO - Chain [1] done processing
00:06:02 - cmdstanpy - INFO - Chain [1] start processing
00:06:02 - cmdstanpy - INFO - Chain [1] done processing
00:06:02 - cmdstanpy - INFO - Chain [1] start processing
00:06:02 - cmdstanpy - INFO - Chain [1] done processing
00:06:03 - cmdstanpy - INFO - Chain [1] start processing
00:06:03 - cmdstanpy - INFO - Chain [1] done processing
00:06:03 - cmdstanpy - INFO - Chain [1] start processing
00:06:03 - cmdstanpy - INFO - Chain [1] done processing
00:06:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:06:03 - cmdstanpy - INFO - Chain [1] start processing
00:06:03 - cmdstanpy - INFO - Chain [1] done processing
00:06:04 - cmdstanpy - INFO - Chain [1] start processing
00:06:04 - cmdstanpy - INFO - Chain [1] done processing
00:06:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:04 - cmdstanpy - INFO - Chain [1] start processing
00:06:04 - cmdstanpy - INFO - Chain [1] done processing
00:06:04 - cmdstanpy - INFO - Chain [1] start processing
00:06:04 - cmdstanpy - INFO - Chain [1] done processing
00:06:05 - cmdstanpy - INFO - Chain [1] start processing
00:06:05 - cmdstanpy - INFO - Chain [1] done processing
00:06:05 - cmdstanpy - INFO - Chain [1] start processing
00:06:05 - cmdstanpy - INFO - Chain [1] done processing
00:06:06 - cmdstanpy - INFO - Chain [1] start processing
00:06:06 - cmdstanpy - INFO - Chain [1] done processing
00:06:06 - cmdstanpy - INFO - Chain [1] start processing
00:06:06 - cmdstanpy - INFO - Chain [1] done processing
00:06:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:06 - cmdstanpy - INFO - Chain [1] start processing
00:06:07 - cmdstanpy - INFO - Chain [1] done processing
00:06:07 - cmdstanpy - INFO - Chain [1] start processing
00:06:07 - cmdstanpy - INFO - Chain [1] done processing
00:06:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:07 - cmdstanpy - INFO - Chain [1] start processing
00:06:07 - cmdstanpy - INFO - Chain [1] done processing
00:06:08 - cmdstanpy - INFO - Chain [1] start processing
00:06:08 - cmdstanpy - INFO - Chain [1] done processing
00:06:08 - cmdstanpy - INFO - Chain [1] start processing
00:06:08 - cmdstanpy - INFO - Chain [1] done processing
00:06:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:08 - cmdstanpy - INFO - Chain [1] start processing
00:06:09 - cmdstanpy - INFO - Chain [1] done processing
00:06:09 - cmdstanpy - INFO - Chain [1] start processing
00:06:09 - cmdstanpy - INFO - Chain [1] done processing
00:06:10 - cmdstanpy - INFO - Chain [1] start processing
00:06:10 - cmdstanpy - INFO - Chain [1] done processing
00:06:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:10 - cmdstanpy - INFO - Chain [1] start processing
00:06:10 - cmdstanpy - INFO - Chain [1] done processing
00:06:11 - cmdstanpy - INFO - Chain [1] start processing
00:06:11 - cmdstanpy - INFO - Chain [1] done processing
00:06:11 - cmdstanpy - INFO - Chain [1] start processing
00:06:11 - cmdstanpy - INFO - Chain [1] done processing
00:06:12 - cmdstanpy - INFO - Chain [1] start processing
00:06:12 - cmdstanpy - INFO - Chain [1] done processing
00:06:12 - cmdstanpy - INFO - Chain [1] start processing
00:06:12 - cmdstanpy - INFO - Chain [1] done processing
00:06:12 - cmdstanpy - INFO - Chain [1] start processing
00:06:12 - cmdstanpy - INFO - Chain [1] done processing
00:06:13 - cmdstanpy - INFO - Chain [1] start processing
00:06:13 - cmdstanpy - INFO - Chain [1] done processing
00:06:13 - cmdstanpy - INFO - Chain [1] start processing
00:06:13 - cmdstanpy - INFO - Chain [1] done processing
00:06:13 - cmdstanpy - INFO - Chain [1] start processing
00:06:13 - cmdstanpy - INFO - Chain [1] done processing
00:06:14 - cmdstanpy - INFO - Chain [1] start processing
00:06:14 - cmdstanpy - INFO - Chain [1] done processing
00:06:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:06:14 - cmdstanpy - INFO - Chain [1] start processing
00:06:14 - cmdstanpy - INFO - Chain [1] done processing
00:06:14 - cmdstanpy - INFO - Chain [1] start processing
00:06:14 - cmdstanpy - INFO - Chain [1] done processing
00:06:15 - cmdstanpy - INFO - Chain [1] start processing
00:06:15 - cmdstanpy - INFO - Chain [1] done processing
00:06:15 - cmdstanpy - INFO - Chain [1] start processing
00:06:15 - cmdstanpy - INFO - Chain [1] done processing
00:06:15 - cmdstanpy - INFO - Chain [1] start processing
00:06:15 - cmdstanpy - INFO - Chain [1] done processing
00:06:16 - cmdstanpy - INFO - Chain [1] start processing
00:06:16 - cmdstanpy - INFO - Chain [1] done processing
00:06:16 - cmdstanpy - INFO - Chain [1] start processing
00:06:16 - cmdstanpy - INFO - Chain [1] done processing
00:06:16 - cmdstanpy - INFO - Chain [1] start processing
00:06:16 - cmdstanpy - INFO - Chain [1] done processing
00:06:17 - cmdstanpy - INFO - Chain [1] start processing
00:06:17 - cmdstanpy - INFO - Chain [1] done processing
00:06:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:17 - cmdstanpy - INFO - Chain [1] start processing
00:06:17 - cmdstanpy - INFO - Chain [1] done processing
00:06:17 - cmdstanpy - INFO - Chain [1] start processing
00:06:17 - cmdstanpy - INFO - Chain [1] done processing
00:06:18 - cmdstanpy - INFO - Chain [1] start processing
00:06:18 - cmdstanpy - INFO - Chain [1] done processing
00:06:18 - cmdstanpy - INFO - Chain [1] start processing
00:06:18 - cmdstanpy - INFO - Chain [1] done processing
00:06:18 - cmdstanpy - INFO - Chain [1] start processing
00:06:18 - cmdstanpy - INFO - Chain [1] done processing
00:06:19 - cmdstanpy - INFO - Chain [1] start processing
00:06:19 - cmdstanpy - INFO - Chain [1] done processing
00:06:19 - cmdstanpy - INFO - Chain [1] start processing
00:06:19 - cmdstanpy - INFO - Chain [1] done processing
00:06:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:19 - cmdstanpy - INFO - Chain [1] start processing
00:06:19 - cmdstanpy - INFO - Chain [1] done processing
00:06:19 - cmdstanpy - INFO - Chain [1] start processing
00:06:19 - cmdstanpy - INFO - Chain [1] done processing
00:06:20 - cmdstanpy - INFO - Chain [1] start processing
00:06:20 - cmdstanpy - INFO - Chain [1] done processing
00:06:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:20 - cmdstanpy - INFO - Chain [1] start processing
00:06:20 - cmdstanpy - INFO - Chain [1] done processing
00:06:20 - cmdstanpy - INFO - Chain [1] start processing
00:06:20 - cmdstanpy - INFO - Chain [1] done processing
00:06:21 - cmdstanpy - INFO - Chain [1] start processing
00:06:21 - cmdstanpy - INFO - Chain [1] done processing
00:06:21 - cmdstanpy - INFO - Chain [1] start processing
00:06:21 - cmdstanpy - INFO - Chain [1] done processing
00:06:21 - cmdstanpy - INFO - Chain [1] start processing
00:06:22 - cmdstanpy - INFO - Chain [1] done processing
00:06:22 - cmdstanpy - INFO - Chain [1] start processing
00:06:22 - cmdstanpy - INFO - Chain [1] done processing
00:06:22 - cmdstanpy - INFO - Chain [1] start processing
00:06:22 - cmdstanpy - INFO - Chain [1] done processing
00:06:22 - cmdstanpy - INFO - Chain [1] start processing
00:06:22 - cmdstanpy - INFO - Chain [1] done processing
00:06:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:22 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:06:23 - cmdstanpy - INFO - Chain [1] done processing
00:06:23 - cmdstanpy - INFO - Chain [1] start processing
00:06:23 - cmdstanpy - INFO - Chain [1] done processing
00:06:23 - cmdstanpy - INFO - Chain [1] start processing
00:06:23 - cmdstanpy - INFO - Chain [1] done processing
00:06:24 - cmdstanpy - INFO - Chain [1] start processing
00:06:24 - cmdstanpy - INFO - Chain [1] done processing
00:06:24 - cmdstanpy - INFO - Chain [1] start processing
00:06:24 - cmdstanpy - INFO - Chain [1] done processing
00:06:24 - cmdstanpy - INFO - Chain [1] start processing
00:06:24 - cmdstanpy - INFO - Chain [1] done processing
00:06:25 - cmdstanpy - INFO - Chain [1] start processing
00:06:25 - cmdstanpy - INFO - Chain [1] done processing
00:06:25 - cmdstanpy - INFO - Chain [1] start processing
00:06:25 - cmdstanpy - INFO - Chain [1] done processing
00:06:25 - cmdstanpy - INFO - Chain [1] start processing
00:06:25 - cmdstanpy - INFO - Chain [1] done processing
00:06:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:25 - cmdstanpy - INFO - Chain [1] start processing
00:06:26 - cmdstanpy - INFO - Chain [1] done processing
00:06:26 - cmdstanpy - INFO - Chain [1] start processing
00:06:26 - cmdstanpy - INFO - Chain [1] done processing
00:06:26 - cmdstanpy - INFO - Chain [1] start processing
00:06:26 - cmdstanpy - INFO - Chain [1] done processing
00:06:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:26 - cmdstanpy - INFO - Chain [1] start processing
00:06:27 - cmdstanpy - INFO - Chain [1] done processing
00:06:27 - cmdstanpy - INFO - Chain [1] start processing
00:06:27 - cmdstanpy - INFO - Chain [1] done processing
00:06:27 - cmdstanpy - INFO - Chain [1] start processing
00:06:27 - cmdstanpy - INFO - Chain [1] done processing
00:06:28 - cmdstanpy - INFO - Chain [1] start processing
00:06:28 - cmdstanpy - INFO - Chain [1] done processing
00:06:28 - cmdstanpy - INFO - Chain [1] start processing
00:06:28 - cmdstanpy - INFO - Chain [1] done processing
00:06:28 - cmdstanpy - INFO - Chain [1] start processing
00:06:28 - cmdstanpy - INFO - Chain [1] done processing
00:06:29 - cmdstanpy - INFO - Chain [1] start processing
00:06:29 - cmdstanpy - INFO - Chain [1] done processing
00:06:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:29 - cmdstanpy - INFO - Chain [1] start processing
00:06:29 - cmdstanpy - INFO - Chain [1] done processing
00:06:29 - cmdstanpy - INFO - Chain [1] start processing
00:06:29 - cmdstanpy - INFO - Chain [1] done processing
00:06:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:29 - cmdstanpy - INFO - Chain [1] start processing
00:06:30 - cmdstanpy - INFO - Chain [1] done processing
00:06:30 - cmdstanpy - INFO - Chain [1] start processing
00:06:30 - cmdstanpy - INFO - Chain [1] done processing
00:06:30 - cmdstanpy - INFO - Chain [1] start processing
00:06:30 - cmdstanpy - INFO - Chain [1] done processing
00:06:30 - cmdstanpy - INFO - Chain [1] start processing
00:06:31 - cmdstanpy - INFO - Chain [1] done processing
00:06:31 - cmdstanpy - INFO - Chain [1] start processing
00:06:31 - cmdstanpy - INFO - Chain [1] done processing
00:06:31 - cmdstanpy - INFO - Chain [1] start processing
00:06:31 - cmdstanpy - INFO - Chain [1] done processing
00:06:32 - cmdstanpy - INFO - Chain [1] start processing
00:06:32 - cmdstanpy - INFO - Chain [1] done processing
00:06:32 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:06:32 - cmdstanpy - INFO - Chain [1] done processing
00:06:32 - cmdstanpy - INFO - Chain [1] start processing
00:06:32 - cmdstanpy - INFO - Chain [1] done processing
00:06:33 - cmdstanpy - INFO - Chain [1] start processing
00:06:33 - cmdstanpy - INFO - Chain [1] done processing
00:06:33 - cmdstanpy - INFO - Chain [1] start processing
00:06:33 - cmdstanpy - INFO - Chain [1] done processing
00:06:33 - cmdstanpy - INFO - Chain [1] start processing
00:06:33 - cmdstanpy - INFO - Chain [1] done processing
00:06:34 - cmdstanpy - INFO - Chain [1] start processing
00:06:34 - cmdstanpy - INFO - Chain [1] done processing
00:06:34 - cmdstanpy - INFO - Chain [1] start processing
00:06:34 - cmdstanpy - INFO - Chain [1] done processing
00:06:36 - cmdstanpy - INFO - Chain [1] start processing
00:06:36 - cmdstanpy - INFO - Chain [1] done processing
00:06:37 - cmdstanpy - INFO - Chain [1] start processing
00:06:37 - cmdstanpy - INFO - Chain [1] done processing
00:06:37 - cmdstanpy - INFO - Chain [1] start processing
00:06:37 - cmdstanpy - INFO - Chain [1] done processing
00:06:37 - cmdstanpy - INFO - Chain [1] start processing
00:06:37 - cmdstanpy - INFO - Chain [1] done processing
00:06:38 - cmdstanpy - INFO - Chain [1] start processing
00:06:38 - cmdstanpy - INFO - Chain [1] done processing
00:06:38 - cmdstanpy - INFO - Chain [1] start processing
00:06:38 - cmdstanpy - INFO - Chain [1] done processing
00:06:38 - cmdstanpy - INFO - Chain [1] start processing
00:06:38 - cmdstanpy - INFO - Chain [1] done processing
00:06:39 - cmdstanpy - INFO - Chain [1] start processing
00:06:39 - cmdstanpy - INFO - Chain [1] done processing
00:06:39 - cmdstanpy - INFO - Chain [1] start processing
00:06:39 - cmdstanpy - INFO - Chain [1] done processing
00:06:39 - cmdstanpy - INFO - Chain [1] start processing
00:06:40 - cmdstanpy - INFO - Chain [1] done processing
00:06:40 - cmdstanpy - INFO - Chain [1] start processing
00:06:40 - cmdstanpy - INFO - Chain [1] done processing
00:06:40 - cmdstanpy - INFO - Chain [1] start processing
00:06:40 - cmdstanpy - INFO - Chain [1] done processing
00:06:40 - cmdstanpy - INFO - Chain [1] start processing
00:06:41 - cmdstanpy - INFO - Chain [1] done processing
00:06:41 - cmdstanpy - INFO - Chain [1] start processing
00:06:41 - cmdstanpy - INFO - Chain [1] done processing
00:06:41 - cmdstanpy - INFO - Chain [1] start processing
00:06:41 - cmdstanpy - INFO - Chain [1] done processing
00:06:41 - cmdstanpy - INFO - Chain [1] start processing
00:06:42 - cmdstanpy - INFO - Chain [1] done processing
00:06:42 - cmdstanpy - INFO - Chain [1] start processing
00:06:42 - cmdstanpy - INFO - Chain [1] done processing
00:06:42 - cmdstanpy - INFO - Chain [1] start processing
00:06:42 - cmdstanpy - INFO - Chain [1] done processing
00:06:42 - cmdstanpy - INFO - Chain [1] start processing
00:06:42 - cmdstanpy - INFO - Chain [1] done processing
00:06:43 - cmdstanpy - INFO - Chain [1] start processing
00:06:43 - cmdstanpy - INFO - Chain [1] done processing
00:06:43 - cmdstanpy - INFO - Chain [1] start processing
00:06:43 - cmdstanpy - INFO - Chain [1] done processing
00:06:43 - cmdstanpy - INFO - Chain [1] start processing
00:06:43 - cmdstanpy - INFO - Chain [1] done processing
00:06:44 - cmdstanpy - INFO - Chain [1] start processing
00:06:44 - cmdstanpy - INFO - Chain [1] done processing
00:06:44 - cmdstanpy - INFO - Chain [1] start processing
00:06:44 - cmdstanpy - INFO - Chain [1] done processing
00:06:44 - cmdstanpy - INFO - Chain [1] start processing
00:06:44 - cmdstanpy - INFO - Chain [1] done processing
00:06:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:06:45 - cmdstanpy - INFO - Chain [1] done processing
00:06:45 - cmdstanpy - INFO - Chain [1] start processing
00:06:45 - cmdstanpy - INFO - Chain [1] done processing
00:06:45 - cmdstanpy - INFO - Chain [1] start processing
00:06:45 - cmdstanpy - INFO - Chain [1] done processing
00:06:46 - cmdstanpy - INFO - Chain [1] start processing
00:06:46 - cmdstanpy - INFO - Chain [1] done processing
00:06:46 - cmdstanpy - INFO - Chain [1] start processing
00:06:46 - cmdstanpy - INFO - Chain [1] done processing
00:06:46 - cmdstanpy - INFO - Chain [1] start processing
00:06:47 - cmdstanpy - INFO - Chain [1] done processing
00:06:47 - cmdstanpy - INFO - Chain [1] start processing
00:06:47 - cmdstanpy - INFO - Chain [1] done processing
00:06:47 - cmdstanpy - INFO - Chain [1] start processing
00:06:47 - cmdstanpy - INFO - Chain [1] done processing
00:06:47 - cmdstanpy - INFO - Chain [1] start processing
00:06:48 - cmdstanpy - INFO - Chain [1] done processing
00:06:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:48 - cmdstanpy - INFO - Chain [1] start processing
00:06:48 - cmdstanpy - INFO - Chain [1] done processing
00:06:48 - cmdstanpy - INFO - Chain [1] start processing
00:06:48 - cmdstanpy - INFO - Chain [1] done processing
00:06:48 - cmdstanpy - INFO - Chain [1] start processing
00:06:48 - cmdstanpy - INFO - Chain [1] done processing
00:06:49 - cmdstanpy - INFO - Chain [1] start processing
00:06:49 - cmdstanpy - INFO - Chain [1] done processing
00:06:49 - cmdstanpy - INFO - Chain [1] start processing
00:06:49 - cmdstanpy - INFO - Chain [1] done processing
00:06:49 - cmdstanpy - INFO - Chain [1] start processing
00:06:49 - cmdstanpy - INFO - Chain [1] done processing
00:06:50 - cmdstanpy - INFO - Chain [1] start processing
00:06:50 - cmdstanpy - INFO - Chain [1] done processing
00:06:50 - cmdstanpy - INFO - Chain [1] start processing
00:06:50 - cmdstanpy - INFO - Chain [1] done processing
00:06:50 - cmdstanpy - INFO - Chain [1] start processing
00:06:50 - cmdstanpy - INFO - Chain [1] done processing
00:06:51 - cmdstanpy - INFO - Chain [1] start processing
00:06:51 - cmdstanpy - INFO - Chain [1] done processing
00:06:51 - cmdstanpy - INFO - Chain [1] start processing
00:06:51 - cmdstanpy - INFO - Chain [1] done processing
00:06:51 - cmdstanpy - INFO - Chain [1] start processing
00:06:51 - cmdstanpy - INFO - Chain [1] done processing
00:06:52 - cmdstanpy - INFO - Chain [1] start processing
00:06:52 - cmdstanpy - INFO - Chain [1] done processing
00:06:52 - cmdstanpy - INFO - Chain [1] start processing
00:06:52 - cmdstanpy - INFO - Chain [1] done processing
00:06:52 - cmdstanpy - INFO - Chain [1] start processing
00:06:52 - cmdstanpy - INFO - Chain [1] done processing
00:06:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:52 - cmdstanpy - INFO - Chain [1] start processing
00:06:53 - cmdstanpy - INFO - Chain [1] done processing
00:06:53 - cmdstanpy - INFO - Chain [1] start processing
00:06:53 - cmdstanpy - INFO - Chain [1] done processing
00:06:53 - cmdstanpy - INFO - Chain [1] start processing
00:06:53 - cmdstanpy - INFO - Chain [1] done processing
00:06:54 - cmdstanpy - INFO - Chain [1] start processing
00:06:54 - cmdstanpy - INFO - Chain [1] done processing
00:06:54 - cmdstanpy - INFO - Chain [1] start processing
00:06:54 - cmdstanpy - INFO - Chain [1] done processing
00:06:54 - cmdstanpy - INFO - Chain [1] start processing
00:06:54 - cmdstanpy - INFO - Chain [1] done processing
00:06:55 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:06:55 - cmdstanpy - INFO - Chain [1] done processing
00:06:55 - cmdstanpy - INFO - Chain [1] start processing
00:06:55 - cmdstanpy - INFO - Chain [1] done processing
00:06:56 - cmdstanpy - INFO - Chain [1] start processing
00:06:56 - cmdstanpy - INFO - Chain [1] done processing
00:06:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:06:56 - cmdstanpy - INFO - Chain [1] start processing
00:06:56 - cmdstanpy - INFO - Chain [1] done processing
00:06:57 - cmdstanpy - INFO - Chain [1] start processing
00:06:57 - cmdstanpy - INFO - Chain [1] done processing
00:06:57 - cmdstanpy - INFO - Chain [1] start processing
00:06:57 - cmdstanpy - INFO - Chain [1] done processing
00:06:58 - cmdstanpy - INFO - Chain [1] start processing
00:06:58 - cmdstanpy - INFO - Chain [1] done processing
00:06:58 - cmdstanpy - INFO - Chain [1] start processing
00:06:58 - cmdstanpy - INFO - Chain [1] done processing
00:06:58 - cmdstanpy - INFO - Chain [1] start processing
00:06:59 - cmdstanpy - INFO - Chain [1] done processing
00:06:59 - cmdstanpy - INFO - Chain [1] start processing
00:06:59 - cmdstanpy - INFO - Chain [1] done processing
00:06:59 - cmdstanpy - INFO - Chain [1] start processing
00:06:59 - cmdstanpy - INFO - Chain [1] done processing
00:07:00 - cmdstanpy - INFO - Chain [1] start processing
00:07:00 - cmdstanpy - INFO - Chain [1] done processing
00:07:00 - cmdstanpy - INFO - Chain [1] start processing
00:07:00 - cmdstanpy - INFO - Chain [1] done processing
00:07:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:00 - cmdstanpy - INFO - Chain [1] start processing
00:07:00 - cmdstanpy - INFO - Chain [1] done processing
00:07:01 - cmdstanpy - INFO - Chain [1] start processing
00:07:01 - cmdstanpy - INFO - Chain [1] done processing
00:07:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:01 - cmdstanpy - INFO - Chain [1] start processing
00:07:01 - cmdstanpy - INFO - Chain [1] done processing
00:07:01 - cmdstanpy - INFO - Chain [1] start processing
00:07:01 - cmdstanpy - INFO - Chain [1] done processing
00:07:02 - cmdstanpy - INFO - Chain [1] start processing
00:07:02 - cmdstanpy - INFO - Chain [1] done processing
00:07:02 - cmdstanpy - INFO - Chain [1] start processing
00:07:02 - cmdstanpy - INFO - Chain [1] done processing
00:07:03 - cmdstanpy - INFO - Chain [1] start processing
00:07:03 - cmdstanpy - INFO - Chain [1] done processing
00:07:03 - cmdstanpy - INFO - Chain [1] start processing
00:07:03 - cmdstanpy - INFO - Chain [1] done processing
00:07:03 - cmdstanpy - INFO - Chain [1] start processing
00:07:03 - cmdstanpy - INFO - Chain [1] done processing
00:07:04 - cmdstanpy - INFO - Chain [1] start processing
00:07:04 - cmdstanpy - INFO - Chain [1] done processing
00:07:04 - cmdstanpy - INFO - Chain [1] start processing
00:07:04 - cmdstanpy - INFO - Chain [1] done processing
00:07:04 - cmdstanpy - INFO - Chain [1] start processing
00:07:04 - cmdstanpy - INFO - Chain [1] done processing
00:07:05 - cmdstanpy - INFO - Chain [1] start processing
00:07:05 - cmdstanpy - INFO - Chain [1] done processing
00:07:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:05 - cmdstanpy - INFO - Chain [1] start processing
00:07:05 - cmdstanpy - INFO - Chain [1] done processing
00:07:06 - cmdstanpy - INFO - Chain [1] start processing
00:07:06 - cmdstanpy - INFO - Chain [1] done processing
00:07:06 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:07:06 - cmdstanpy - INFO - Chain [1] done processing
00:07:06 - cmdstanpy - INFO - Chain [1] start processing
00:07:06 - cmdstanpy - INFO - Chain [1] done processing
00:07:06 - cmdstanpy - INFO - Chain [1] start processing
00:07:07 - cmdstanpy - INFO - Chain [1] done processing
00:07:07 - cmdstanpy - INFO - Chain [1] start processing
00:07:07 - cmdstanpy - INFO - Chain [1] done processing
00:07:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:07 - cmdstanpy - INFO - Chain [1] start processing
00:07:07 - cmdstanpy - INFO - Chain [1] done processing
00:07:07 - cmdstanpy - INFO - Chain [1] start processing
00:07:07 - cmdstanpy - INFO - Chain [1] done processing
00:07:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:07 - cmdstanpy - INFO - Chain [1] start processing
00:07:08 - cmdstanpy - INFO - Chain [1] done processing
00:07:08 - cmdstanpy - INFO - Chain [1] start processing
00:07:08 - cmdstanpy - INFO - Chain [1] done processing
00:07:08 - cmdstanpy - INFO - Chain [1] start processing
00:07:08 - cmdstanpy - INFO - Chain [1] done processing
00:07:08 - cmdstanpy - INFO - Chain [1] start processing
00:07:08 - cmdstanpy - INFO - Chain [1] done processing
00:07:09 - cmdstanpy - INFO - Chain [1] start processing
00:07:09 - cmdstanpy - INFO - Chain [1] done processing
00:07:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:09 - cmdstanpy - INFO - Chain [1] start processing
00:07:09 - cmdstanpy - INFO - Chain [1] done processing
00:07:09 - cmdstanpy - INFO - Chain [1] start processing
00:07:09 - cmdstanpy - INFO - Chain [1] done processing
00:07:10 - cmdstanpy - INFO - Chain [1] start processing
00:07:10 - cmdstanpy - INFO - Chain [1] done processing
00:07:10 - cmdstanpy - INFO - Chain [1] start processing
00:07:10 - cmdstanpy - INFO - Chain [1] done processing
00:07:10 - cmdstanpy - INFO - Chain [1] start processing
00:07:10 - cmdstanpy - INFO - Chain [1] done processing
00:07:11 - cmdstanpy - INFO - Chain [1] start processing
00:07:11 - cmdstanpy - INFO - Chain [1] done processing
00:07:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:11 - cmdstanpy - INFO - Chain [1] start processing
00:07:11 - cmdstanpy - INFO - Chain [1] done processing
00:07:11 - cmdstanpy - INFO - Chain [1] start processing
00:07:11 - cmdstanpy - INFO - Chain [1] done processing
00:07:12 - cmdstanpy - INFO - Chain [1] start processing
00:07:12 - cmdstanpy - INFO - Chain [1] done processing
00:07:12 - cmdstanpy - INFO - Chain [1] start processing
00:07:12 - cmdstanpy - INFO - Chain [1] done processing
00:07:12 - cmdstanpy - INFO - Chain [1] start processing
00:07:12 - cmdstanpy - INFO - Chain [1] done processing
00:07:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:12 - cmdstanpy - INFO - Chain [1] start processing
00:07:13 - cmdstanpy - INFO - Chain [1] done processing
00:07:13 - cmdstanpy - INFO - Chain [1] start processing
00:07:13 - cmdstanpy - INFO - Chain [1] done processing
00:07:13 - cmdstanpy - INFO - Chain [1] start processing
00:07:13 - cmdstanpy - INFO - Chain [1] done processing
00:07:14 - cmdstanpy - INFO - Chain [1] start processing
00:07:14 - cmdstanpy - INFO - Chain [1] done processing
00:07:14 - cmdstanpy - INFO - Chain [1] start processing
00:07:14 - cmdstanpy - INFO - Chain [1] done processing
00:07:14 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:07:14 - cmdstanpy - INFO - Chain [1] done processing
00:07:15 - cmdstanpy - INFO - Chain [1] start processing
00:07:15 - cmdstanpy - INFO - Chain [1] done processing
00:07:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:15 - cmdstanpy - INFO - Chain [1] start processing
00:07:15 - cmdstanpy - INFO - Chain [1] done processing
00:07:15 - cmdstanpy - INFO - Chain [1] start processing
00:07:15 - cmdstanpy - INFO - Chain [1] done processing
00:07:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:15 - cmdstanpy - INFO - Chain [1] start processing
00:07:16 - cmdstanpy - INFO - Chain [1] done processing
00:07:16 - cmdstanpy - INFO - Chain [1] start processing
00:07:16 - cmdstanpy - INFO - Chain [1] done processing
00:07:16 - cmdstanpy - INFO - Chain [1] start processing
00:07:16 - cmdstanpy - INFO - Chain [1] done processing
00:07:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:16 - cmdstanpy - INFO - Chain [1] start processing
00:07:17 - cmdstanpy - INFO - Chain [1] done processing
00:07:17 - cmdstanpy - INFO - Chain [1] start processing
00:07:17 - cmdstanpy - INFO - Chain [1] done processing
00:07:17 - cmdstanpy - INFO - Chain [1] start processing
00:07:17 - cmdstanpy - INFO - Chain [1] done processing
00:07:18 - cmdstanpy - INFO - Chain [1] start processing
00:07:18 - cmdstanpy - INFO - Chain [1] done processing
00:07:18 - cmdstanpy - INFO - Chain [1] start processing
00:07:18 - cmdstanpy - INFO - Chain [1] done processing
00:07:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:18 - cmdstanpy - INFO - Chain [1] start processing
00:07:18 - cmdstanpy - INFO - Chain [1] done processing
00:07:19 - cmdstanpy - INFO - Chain [1] start processing
00:07:19 - cmdstanpy - INFO - Chain [1] done processing
00:07:19 - cmdstanpy - INFO - Chain [1] start processing
00:07:19 - cmdstanpy - INFO - Chain [1] done processing
00:07:19 - cmdstanpy - INFO - Chain [1] start processing
00:07:19 - cmdstanpy - INFO - Chain [1] done processing
00:07:20 - cmdstanpy - INFO - Chain [1] start processing
00:07:20 - cmdstanpy - INFO - Chain [1] done processing
00:07:20 - cmdstanpy - INFO - Chain [1] start processing
00:07:20 - cmdstanpy - INFO - Chain [1] done processing
00:07:20 - cmdstanpy - INFO - Chain [1] start processing
00:07:20 - cmdstanpy - INFO - Chain [1] done processing
00:07:21 - cmdstanpy - INFO - Chain [1] start processing
00:07:21 - cmdstanpy - INFO - Chain [1] done processing
00:07:21 - cmdstanpy - INFO - Chain [1] start processing
00:07:21 - cmdstanpy - INFO - Chain [1] done processing
00:07:21 - cmdstanpy - INFO - Chain [1] start processing
00:07:21 - cmdstanpy - INFO - Chain [1] done processing
00:07:21 - cmdstanpy - INFO - Chain [1] start processing
00:07:22 - cmdstanpy - INFO - Chain [1] done processing
00:07:22 - cmdstanpy - INFO - Chain [1] start processing
00:07:22 - cmdstanpy - INFO - Chain [1] done processing
00:07:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:22 - cmdstanpy - INFO - Chain [1] start processing
00:07:22 - cmdstanpy - INFO - Chain [1] done processing
00:07:22 - cmdstanpy - INFO - Chain [1] start processing
00:07:22 - cmdstanpy - INFO - Chain [1] done processing
00:07:23 - cmdstanpy - INFO - Chain [1] start processing
00:07:23 - cmdstanpy - INFO - Chain [1] done processing
00:07:23 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:07:23 - cmdstanpy - INFO - Chain [1] done processing
00:07:23 - cmdstanpy - INFO - Chain [1] start processing
00:07:23 - cmdstanpy - INFO - Chain [1] done processing
00:07:24 - cmdstanpy - INFO - Chain [1] start processing
00:07:24 - cmdstanpy - INFO - Chain [1] done processing
00:07:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:24 - cmdstanpy - INFO - Chain [1] start processing
00:07:24 - cmdstanpy - INFO - Chain [1] done processing
00:07:24 - cmdstanpy - INFO - Chain [1] start processing
00:07:24 - cmdstanpy - INFO - Chain [1] done processing
00:07:24 - cmdstanpy - INFO - Chain [1] start processing
00:07:25 - cmdstanpy - INFO - Chain [1] done processing
00:07:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:25 - cmdstanpy - INFO - Chain [1] start processing
00:07:25 - cmdstanpy - INFO - Chain [1] done processing
00:07:25 - cmdstanpy - INFO - Chain [1] start processing
00:07:25 - cmdstanpy - INFO - Chain [1] done processing
00:07:25 - cmdstanpy - INFO - Chain [1] start processing
00:07:25 - cmdstanpy - INFO - Chain [1] done processing
00:07:26 - cmdstanpy - INFO - Chain [1] start processing
00:07:26 - cmdstanpy - INFO - Chain [1] done processing
00:07:26 - cmdstanpy - INFO - Chain [1] start processing
00:07:26 - cmdstanpy - INFO - Chain [1] done processing
00:07:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:26 - cmdstanpy - INFO - Chain [1] start processing
00:07:27 - cmdstanpy - INFO - Chain [1] done processing
00:07:27 - cmdstanpy - INFO - Chain [1] start processing
00:07:27 - cmdstanpy - INFO - Chain [1] done processing
00:07:27 - cmdstanpy - INFO - Chain [1] start processing
00:07:27 - cmdstanpy - INFO - Chain [1] done processing
00:07:27 - cmdstanpy - INFO - Chain [1] start processing
00:07:28 - cmdstanpy - INFO - Chain [1] done processing
00:07:28 - cmdstanpy - INFO - Chain [1] start processing
00:07:28 - cmdstanpy - INFO - Chain [1] done processing
00:07:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:28 - cmdstanpy - INFO - Chain [1] start processing
00:07:28 - cmdstanpy - INFO - Chain [1] done processing
00:07:28 - cmdstanpy - INFO - Chain [1] start processing
00:07:29 - cmdstanpy - INFO - Chain [1] done processing
00:07:29 - cmdstanpy - INFO - Chain [1] start processing
00:07:29 - cmdstanpy - INFO - Chain [1] done processing
00:07:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:29 - cmdstanpy - INFO - Chain [1] start processing
00:07:29 - cmdstanpy - INFO - Chain [1] done processing
00:07:29 - cmdstanpy - INFO - Chain [1] start processing
00:07:29 - cmdstanpy - INFO - Chain [1] done processing
00:07:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:29 - cmdstanpy - INFO - Chain [1] start processing
00:07:30 - cmdstanpy - INFO - Chain [1] done processing
00:07:30 - cmdstanpy - INFO - Chain [1] start processing
00:07:30 - cmdstanpy - INFO - Chain [1] done processing
00:07:30 - cmdstanpy - INFO - Chain [1] start processing
00:07:30 - cmdstanpy - INFO - Chain [1] done processing
00:07:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:30 - cmdstanpy - INFO - Chain [1] start processing
00:07:31 - cmdstanpy - INFO - Chain [1] done processing
00:07:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:07:31 - cmdstanpy - INFO - Chain [1] done processing
00:07:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:31 - cmdstanpy - INFO - Chain [1] start processing
00:07:31 - cmdstanpy - INFO - Chain [1] done processing
00:07:31 - cmdstanpy - INFO - Chain [1] start processing
00:07:31 - cmdstanpy - INFO - Chain [1] done processing
00:07:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:31 - cmdstanpy - INFO - Chain [1] start processing
00:07:32 - cmdstanpy - INFO - Chain [1] done processing
00:07:32 - cmdstanpy - INFO - Chain [1] start processing
00:07:32 - cmdstanpy - INFO - Chain [1] done processing
00:07:32 - cmdstanpy - INFO - Chain [1] start processing
00:07:32 - cmdstanpy - INFO - Chain [1] done processing
00:07:33 - cmdstanpy - INFO - Chain [1] start processing
00:07:33 - cmdstanpy - INFO - Chain [1] done processing
00:07:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:33 - cmdstanpy - INFO - Chain [1] start processing
00:07:33 - cmdstanpy - INFO - Chain [1] done processing
00:07:33 - cmdstanpy - INFO - Chain [1] start processing
00:07:34 - cmdstanpy - INFO - Chain [1] done processing
00:07:34 - cmdstanpy - INFO - Chain [1] start processing
00:07:34 - cmdstanpy - INFO - Chain [1] done processing
00:07:34 - cmdstanpy - INFO - Chain [1] start processing
00:07:34 - cmdstanpy - INFO - Chain [1] done processing
00:07:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:34 - cmdstanpy - INFO - Chain [1] start processing
00:07:34 - cmdstanpy - INFO - Chain [1] done processing
00:07:35 - cmdstanpy - INFO - Chain [1] start processing
00:07:35 - cmdstanpy - INFO - Chain [1] done processing
00:07:35 - cmdstanpy - INFO - Chain [1] start processing
00:07:35 - cmdstanpy - INFO - Chain [1] done processing
00:07:35 - cmdstanpy - INFO - Chain [1] start processing
00:07:35 - cmdstanpy - INFO - Chain [1] done processing
00:07:35 - cmdstanpy - INFO - Chain [1] start processing
00:07:36 - cmdstanpy - INFO - Chain [1] done processing
00:07:36 - cmdstanpy - INFO - Chain [1] start processing
00:07:36 - cmdstanpy - INFO - Chain [1] done processing
00:07:36 - cmdstanpy - INFO - Chain [1] start processing
00:07:36 - cmdstanpy - INFO - Chain [1] done processing
00:07:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:36 - cmdstanpy - INFO - Chain [1] start processing
00:07:36 - cmdstanpy - INFO - Chain [1] done processing
00:07:37 - cmdstanpy - INFO - Chain [1] start processing
00:07:37 - cmdstanpy - INFO - Chain [1] done processing
00:07:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:37 - cmdstanpy - INFO - Chain [1] start processing
00:07:37 - cmdstanpy - INFO - Chain [1] done processing
00:07:37 - cmdstanpy - INFO - Chain [1] start processing
00:07:38 - cmdstanpy - INFO - Chain [1] done processing
00:07:38 - cmdstanpy - INFO - Chain [1] start processing
00:07:38 - cmdstanpy - INFO - Chain [1] done processing
00:07:38 - cmdstanpy - INFO - Chain [1] start processing
00:07:38 - cmdstanpy - INFO - Chain [1] done processing
00:07:39 - cmdstanpy - INFO - Chain [1] start processing
00:07:39 - cmdstanpy - INFO - Chain [1] done processing
00:07:39 - cmdstanpy - INFO - Chain [1] start processing
00:07:39 - cmdstanpy - INFO - Chain [1] done processing
00:07:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:07:39 - cmdstanpy - INFO - Chain [1] done processing
00:07:39 - cmdstanpy - INFO - Chain [1] start processing
00:07:40 - cmdstanpy - INFO - Chain [1] done processing
00:07:40 - cmdstanpy - INFO - Chain [1] start processing
00:07:40 - cmdstanpy - INFO - Chain [1] done processing
00:07:40 - cmdstanpy - INFO - Chain [1] start processing
00:07:40 - cmdstanpy - INFO - Chain [1] done processing
00:07:40 - cmdstanpy - INFO - Chain [1] start processing
00:07:40 - cmdstanpy - INFO - Chain [1] done processing
00:07:41 - cmdstanpy - INFO - Chain [1] start processing
00:07:41 - cmdstanpy - INFO - Chain [1] done processing
00:07:41 - cmdstanpy - INFO - Chain [1] start processing
00:07:41 - cmdstanpy - INFO - Chain [1] done processing
00:07:41 - cmdstanpy - INFO - Chain [1] start processing
00:07:42 - cmdstanpy - INFO - Chain [1] done processing
00:07:42 - cmdstanpy - INFO - Chain [1] start processing
00:07:42 - cmdstanpy - INFO - Chain [1] done processing
00:07:42 - cmdstanpy - INFO - Chain [1] start processing
00:07:42 - cmdstanpy - INFO - Chain [1] done processing
00:07:43 - cmdstanpy - INFO - Chain [1] start processing
00:07:43 - cmdstanpy - INFO - Chain [1] done processing
00:07:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:43 - cmdstanpy - INFO - Chain [1] start processing
00:07:43 - cmdstanpy - INFO - Chain [1] done processing
00:07:43 - cmdstanpy - INFO - Chain [1] start processing
00:07:43 - cmdstanpy - INFO - Chain [1] done processing
00:07:44 - cmdstanpy - INFO - Chain [1] start processing
00:07:44 - cmdstanpy - INFO - Chain [1] done processing
00:07:44 - cmdstanpy - INFO - Chain [1] start processing
00:07:44 - cmdstanpy - INFO - Chain [1] done processing
00:07:44 - cmdstanpy - INFO - Chain [1] start processing
00:07:44 - cmdstanpy - INFO - Chain [1] done processing
00:07:45 - cmdstanpy - INFO - Chain [1] start processing
00:07:45 - cmdstanpy - INFO - Chain [1] done processing
00:07:45 - cmdstanpy - INFO - Chain [1] start processing
00:07:45 - cmdstanpy - INFO - Chain [1] done processing
00:07:45 - cmdstanpy - INFO - Chain [1] start processing
00:07:45 - cmdstanpy - INFO - Chain [1] done processing
00:07:46 - cmdstanpy - INFO - Chain [1] start processing
00:07:46 - cmdstanpy - INFO - Chain [1] done processing
00:07:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:46 - cmdstanpy - INFO - Chain [1] start processing
00:07:46 - cmdstanpy - INFO - Chain [1] done processing
00:07:46 - cmdstanpy - INFO - Chain [1] start processing
00:07:46 - cmdstanpy - INFO - Chain [1] done processing
00:07:47 - cmdstanpy - INFO - Chain [1] start processing
00:07:47 - cmdstanpy - INFO - Chain [1] done processing
00:07:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:47 - cmdstanpy - INFO - Chain [1] start processing
00:07:47 - cmdstanpy - INFO - Chain [1] done processing
00:07:47 - cmdstanpy - INFO - Chain [1] start processing
00:07:47 - cmdstanpy - INFO - Chain [1] done processing
00:07:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:47 - cmdstanpy - INFO - Chain [1] start processing
00:07:47 - cmdstanpy - INFO - Chain [1] done processing
00:07:48 - cmdstanpy - INFO - Chain [1] start processing
00:07:48 - cmdstanpy - INFO - Chain [1] done processing
00:07:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:48 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:07:48 - cmdstanpy - INFO - Chain [1] done processing
00:07:48 - cmdstanpy - INFO - Chain [1] start processing
00:07:48 - cmdstanpy - INFO - Chain [1] done processing
00:07:49 - cmdstanpy - INFO - Chain [1] start processing
00:07:49 - cmdstanpy - INFO - Chain [1] done processing
00:07:49 - cmdstanpy - INFO - Chain [1] start processing
00:07:49 - cmdstanpy - INFO - Chain [1] done processing
00:07:49 - cmdstanpy - INFO - Chain [1] start processing
00:07:49 - cmdstanpy - INFO - Chain [1] done processing
00:07:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:49 - cmdstanpy - INFO - Chain [1] start processing
00:07:50 - cmdstanpy - INFO - Chain [1] done processing
00:07:50 - cmdstanpy - INFO - Chain [1] start processing
00:07:50 - cmdstanpy - INFO - Chain [1] done processing
00:07:50 - cmdstanpy - INFO - Chain [1] start processing
00:07:50 - cmdstanpy - INFO - Chain [1] done processing
00:07:50 - cmdstanpy - INFO - Chain [1] start processing
00:07:50 - cmdstanpy - INFO - Chain [1] done processing
00:07:51 - cmdstanpy - INFO - Chain [1] start processing
00:07:51 - cmdstanpy - INFO - Chain [1] done processing
00:07:51 - cmdstanpy - INFO - Chain [1] start processing
00:07:51 - cmdstanpy - INFO - Chain [1] done processing
00:07:51 - cmdstanpy - INFO - Chain [1] start processing
00:07:51 - cmdstanpy - INFO - Chain [1] done processing
00:07:52 - cmdstanpy - INFO - Chain [1] start processing
00:07:52 - cmdstanpy - INFO - Chain [1] done processing
00:07:52 - cmdstanpy - INFO - Chain [1] start processing
00:07:52 - cmdstanpy - INFO - Chain [1] done processing
00:07:52 - cmdstanpy - INFO - Chain [1] start processing
00:07:52 - cmdstanpy - INFO - Chain [1] done processing
00:07:53 - cmdstanpy - INFO - Chain [1] start processing
00:07:53 - cmdstanpy - INFO - Chain [1] done processing
00:07:53 - cmdstanpy - INFO - Chain [1] start processing
00:07:53 - cmdstanpy - INFO - Chain [1] done processing
00:07:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:07:53 - cmdstanpy - INFO - Chain [1] start processing
00:07:53 - cmdstanpy - INFO - Chain [1] done processing
00:07:54 - cmdstanpy - INFO - Chain [1] start processing
00:07:54 - cmdstanpy - INFO - Chain [1] done processing
00:07:54 - cmdstanpy - INFO - Chain [1] start processing
00:07:54 - cmdstanpy - INFO - Chain [1] done processing
00:07:54 - cmdstanpy - INFO - Chain [1] start processing
00:07:54 - cmdstanpy - INFO - Chain [1] done processing
00:07:55 - cmdstanpy - INFO - Chain [1] start processing
00:07:55 - cmdstanpy - INFO - Chain [1] done processing
00:07:55 - cmdstanpy - INFO - Chain [1] start processing
00:07:55 - cmdstanpy - INFO - Chain [1] done processing
00:07:55 - cmdstanpy - INFO - Chain [1] start processing
00:07:55 - cmdstanpy - INFO - Chain [1] done processing
00:07:56 - cmdstanpy - INFO - Chain [1] start processing
00:07:56 - cmdstanpy - INFO - Chain [1] done processing
00:07:56 - cmdstanpy - INFO - Chain [1] start processing
00:07:56 - cmdstanpy - INFO - Chain [1] done processing
00:07:56 - cmdstanpy - INFO - Chain [1] start processing
00:07:56 - cmdstanpy - INFO - Chain [1] done processing
00:07:57 - cmdstanpy - INFO - Chain [1] start processing
00:07:57 - cmdstanpy - INFO - Chain [1] done processing
00:07:57 - cmdstanpy - INFO - Chain [1] start processing
00:07:57 - cmdstanpy - INFO - Chain [1] done processing
00:07:57 - cmdstanpy - INFO - Chain [1] start processing
00:07:57 - cmdstanpy - INFO - Chain [1] done processing
00:07:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:07:58 - cmdstanpy - INFO - Chain [1] done processing
00:07:58 - cmdstanpy - INFO - Chain [1] start processing
00:07:58 - cmdstanpy - INFO - Chain [1] done processing
00:07:58 - cmdstanpy - INFO - Chain [1] start processing
00:07:58 - cmdstanpy - INFO - Chain [1] done processing
00:07:59 - cmdstanpy - INFO - Chain [1] start processing
00:07:59 - cmdstanpy - INFO - Chain [1] done processing
00:07:59 - cmdstanpy - INFO - Chain [1] start processing
00:07:59 - cmdstanpy - INFO - Chain [1] done processing
00:07:59 - cmdstanpy - INFO - Chain [1] start processing
00:07:59 - cmdstanpy - INFO - Chain [1] done processing
00:08:00 - cmdstanpy - INFO - Chain [1] start processing
00:08:00 - cmdstanpy - INFO - Chain [1] done processing
00:08:00 - cmdstanpy - INFO - Chain [1] start processing
00:08:00 - cmdstanpy - INFO - Chain [1] done processing
00:08:00 - cmdstanpy - INFO - Chain [1] start processing
00:08:00 - cmdstanpy - INFO - Chain [1] done processing
00:08:01 - cmdstanpy - INFO - Chain [1] start processing
00:08:01 - cmdstanpy - INFO - Chain [1] done processing
00:08:01 - cmdstanpy - INFO - Chain [1] start processing
00:08:01 - cmdstanpy - INFO - Chain [1] done processing
00:08:01 - cmdstanpy - INFO - Chain [1] start processing
00:08:01 - cmdstanpy - INFO - Chain [1] done processing
00:08:02 - cmdstanpy - INFO - Chain [1] start processing
00:08:02 - cmdstanpy - INFO - Chain [1] done processing
00:08:02 - cmdstanpy - INFO - Chain [1] start processing
00:08:02 - cmdstanpy - INFO - Chain [1] done processing
00:08:02 - cmdstanpy - INFO - Chain [1] start processing
00:08:02 - cmdstanpy - INFO - Chain [1] done processing
00:08:02 - cmdstanpy - INFO - Chain [1] start processing
00:08:03 - cmdstanpy - INFO - Chain [1] done processing
00:08:03 - cmdstanpy - INFO - Chain [1] start processing
00:08:03 - cmdstanpy - INFO - Chain [1] done processing
00:08:03 - cmdstanpy - INFO - Chain [1] start processing
00:08:03 - cmdstanpy - INFO - Chain [1] done processing
00:08:03 - cmdstanpy - INFO - Chain [1] start processing
00:08:04 - cmdstanpy - INFO - Chain [1] done processing
00:08:04 - cmdstanpy - INFO - Chain [1] start processing
00:08:04 - cmdstanpy - INFO - Chain [1] done processing
00:08:04 - cmdstanpy - INFO - Chain [1] start processing
00:08:04 - cmdstanpy - INFO - Chain [1] done processing
00:08:04 - cmdstanpy - INFO - Chain [1] start processing
00:08:04 - cmdstanpy - INFO - Chain [1] done processing
00:08:05 - cmdstanpy - INFO - Chain [1] start processing
00:08:05 - cmdstanpy - INFO - Chain [1] done processing
00:08:05 - cmdstanpy - INFO - Chain [1] start processing
00:08:05 - cmdstanpy - INFO - Chain [1] done processing
00:08:05 - cmdstanpy - INFO - Chain [1] start processing
00:08:05 - cmdstanpy - INFO - Chain [1] done processing
00:08:06 - cmdstanpy - INFO - Chain [1] start processing
00:08:06 - cmdstanpy - INFO - Chain [1] done processing
00:08:06 - cmdstanpy - INFO - Chain [1] start processing
00:08:06 - cmdstanpy - INFO - Chain [1] done processing
00:08:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:06 - cmdstanpy - INFO - Chain [1] start processing
00:08:06 - cmdstanpy - INFO - Chain [1] done processing
00:08:07 - cmdstanpy - INFO - Chain [1] start processing
00:08:07 - cmdstanpy - INFO - Chain [1] done processing
00:08:07 - cmdstanpy - INFO - Chain [1] start processing
00:08:07 - cmdstanpy - INFO - Chain [1] done processing
00:08:07 - cmdstanpy - INFO - Chain [1] start processing
00:08:07 - cmdstanpy - INFO - Chain [1] done processing
00:08:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:08:08 - cmdstanpy - INFO - Chain [1] done processing
00:08:08 - cmdstanpy - INFO - Chain [1] start processing
00:08:08 - cmdstanpy - INFO - Chain [1] done processing
00:08:08 - cmdstanpy - INFO - Chain [1] start processing
00:08:08 - cmdstanpy - INFO - Chain [1] done processing
00:08:09 - cmdstanpy - INFO - Chain [1] start processing
00:08:09 - cmdstanpy - INFO - Chain [1] done processing
00:08:09 - cmdstanpy - INFO - Chain [1] start processing
00:08:09 - cmdstanpy - INFO - Chain [1] done processing
00:08:09 - cmdstanpy - INFO - Chain [1] start processing
00:08:09 - cmdstanpy - INFO - Chain [1] done processing
00:08:09 - cmdstanpy - INFO - Chain [1] start processing
00:08:10 - cmdstanpy - INFO - Chain [1] done processing
00:08:10 - cmdstanpy - INFO - Chain [1] start processing
00:08:10 - cmdstanpy - INFO - Chain [1] done processing
00:08:10 - cmdstanpy - INFO - Chain [1] start processing
00:08:10 - cmdstanpy - INFO - Chain [1] done processing
00:08:10 - cmdstanpy - INFO - Chain [1] start processing
00:08:11 - cmdstanpy - INFO - Chain [1] done processing
00:08:11 - cmdstanpy - INFO - Chain [1] start processing
00:08:11 - cmdstanpy - INFO - Chain [1] done processing
00:08:11 - cmdstanpy - INFO - Chain [1] start processing
00:08:11 - cmdstanpy - INFO - Chain [1] done processing
00:08:11 - cmdstanpy - INFO - Chain [1] start processing
00:08:12 - cmdstanpy - INFO - Chain [1] done processing
00:08:12 - cmdstanpy - INFO - Chain [1] start processing
00:08:12 - cmdstanpy - INFO - Chain [1] done processing
00:08:12 - cmdstanpy - INFO - Chain [1] start processing
00:08:12 - cmdstanpy - INFO - Chain [1] done processing
00:08:12 - cmdstanpy - INFO - Chain [1] start processing
00:08:13 - cmdstanpy - INFO - Chain [1] done processing
00:08:13 - cmdstanpy - INFO - Chain [1] start processing
00:08:13 - cmdstanpy - INFO - Chain [1] done processing
00:08:13 - cmdstanpy - INFO - Chain [1] start processing
00:08:13 - cmdstanpy - INFO - Chain [1] done processing
00:08:14 - cmdstanpy - INFO - Chain [1] start processing
00:08:14 - cmdstanpy - INFO - Chain [1] done processing
00:08:14 - cmdstanpy - INFO - Chain [1] start processing
00:08:14 - cmdstanpy - INFO - Chain [1] done processing
00:08:14 - cmdstanpy - INFO - Chain [1] start processing
00:08:14 - cmdstanpy - INFO - Chain [1] done processing
00:08:15 - cmdstanpy - INFO - Chain [1] start processing
00:08:15 - cmdstanpy - INFO - Chain [1] done processing
00:08:15 - cmdstanpy - INFO - Chain [1] start processing
00:08:15 - cmdstanpy - INFO - Chain [1] done processing
00:08:15 - cmdstanpy - INFO - Chain [1] start processing
00:08:15 - cmdstanpy - INFO - Chain [1] done processing
00:08:16 - cmdstanpy - INFO - Chain [1] start processing
00:08:16 - cmdstanpy - INFO - Chain [1] done processing
00:08:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:16 - cmdstanpy - INFO - Chain [1] start processing
00:08:16 - cmdstanpy - INFO - Chain [1] done processing
00:08:16 - cmdstanpy - INFO - Chain [1] start processing
00:08:16 - cmdstanpy - INFO - Chain [1] done processing
00:08:16 - cmdstanpy - INFO - Chain [1] start processing
00:08:17 - cmdstanpy - INFO - Chain [1] done processing
00:08:17 - cmdstanpy - INFO - Chain [1] start processing
00:08:17 - cmdstanpy - INFO - Chain [1] done processing
00:08:17 - cmdstanpy - INFO - Chain [1] start processing
00:08:17 - cmdstanpy - INFO - Chain [1] done processing
00:08:17 - cmdstanpy - INFO - Chain [1] start processing
00:08:17 - cmdstanpy - INFO - Chain [1] done processing
00:08:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:08:17 - cmdstanpy - INFO - Chain [1] start processing
00:08:18 - cmdstanpy - INFO - Chain [1] done processing
00:08:18 - cmdstanpy - INFO - Chain [1] start processing
00:08:18 - cmdstanpy - INFO - Chain [1] done processing
00:08:18 - cmdstanpy - INFO - Chain [1] start processing
00:08:18 - cmdstanpy - INFO - Chain [1] done processing
00:08:19 - cmdstanpy - INFO - Chain [1] start processing
00:08:19 - cmdstanpy - INFO - Chain [1] done processing
00:08:19 - cmdstanpy - INFO - Chain [1] start processing
00:08:19 - cmdstanpy - INFO - Chain [1] done processing
00:08:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:19 - cmdstanpy - INFO - Chain [1] start processing
00:08:19 - cmdstanpy - INFO - Chain [1] done processing
00:08:20 - cmdstanpy - INFO - Chain [1] start processing
00:08:20 - cmdstanpy - INFO - Chain [1] done processing
00:08:20 - cmdstanpy - INFO - Chain [1] start processing
00:08:20 - cmdstanpy - INFO - Chain [1] done processing
00:08:20 - cmdstanpy - INFO - Chain [1] start processing
00:08:20 - cmdstanpy - INFO - Chain [1] done processing
00:08:21 - cmdstanpy - INFO - Chain [1] start processing
00:08:21 - cmdstanpy - INFO - Chain [1] done processing
00:08:21 - cmdstanpy - INFO - Chain [1] start processing
00:08:21 - cmdstanpy - INFO - Chain [1] done processing
00:08:21 - cmdstanpy - INFO - Chain [1] start processing
00:08:21 - cmdstanpy - INFO - Chain [1] done processing
00:08:22 - cmdstanpy - INFO - Chain [1] start processing
00:08:22 - cmdstanpy - INFO - Chain [1] done processing
00:08:22 - cmdstanpy - INFO - Chain [1] start processing
00:08:22 - cmdstanpy - INFO - Chain [1] done processing
00:08:22 - cmdstanpy - INFO - Chain [1] start processing
00:08:22 - cmdstanpy - INFO - Chain [1] done processing
00:08:22 - cmdstanpy - INFO - Chain [1] start processing
00:08:22 - cmdstanpy - INFO - Chain [1] done processing
00:08:23 - cmdstanpy - INFO - Chain [1] start processing
00:08:23 - cmdstanpy - INFO - Chain [1] done processing
00:08:23 - cmdstanpy - INFO - Chain [1] start processing
00:08:23 - cmdstanpy - INFO - Chain [1] done processing
00:08:23 - cmdstanpy - INFO - Chain [1] start processing
00:08:23 - cmdstanpy - INFO - Chain [1] done processing
00:08:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:23 - cmdstanpy - INFO - Chain [1] start processing
00:08:24 - cmdstanpy - INFO - Chain [1] done processing
00:08:24 - cmdstanpy - INFO - Chain [1] start processing
00:08:24 - cmdstanpy - INFO - Chain [1] done processing
00:08:24 - cmdstanpy - INFO - Chain [1] start processing
00:08:24 - cmdstanpy - INFO - Chain [1] done processing
00:08:25 - cmdstanpy - INFO - Chain [1] start processing
00:08:25 - cmdstanpy - INFO - Chain [1] done processing
00:08:25 - cmdstanpy - INFO - Chain [1] start processing
00:08:25 - cmdstanpy - INFO - Chain [1] done processing
00:08:26 - cmdstanpy - INFO - Chain [1] start processing
00:08:26 - cmdstanpy - INFO - Chain [1] done processing
00:08:26 - cmdstanpy - INFO - Chain [1] start processing
00:08:26 - cmdstanpy - INFO - Chain [1] done processing
00:08:26 - cmdstanpy - INFO - Chain [1] start processing
00:08:26 - cmdstanpy - INFO - Chain [1] done processing
00:08:27 - cmdstanpy - INFO - Chain [1] start processing
00:08:27 - cmdstanpy - INFO - Chain [1] done processing
00:08:27 - cmdstanpy - INFO - Chain [1] start processing
00:08:27 - cmdstanpy - INFO - Chain [1] done processing
00:08:27 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:08:27 - cmdstanpy - INFO - Chain [1] done processing
00:08:28 - cmdstanpy - INFO - Chain [1] start processing
00:08:28 - cmdstanpy - INFO - Chain [1] done processing
00:08:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:28 - cmdstanpy - INFO - Chain [1] start processing
00:08:28 - cmdstanpy - INFO - Chain [1] done processing
00:08:28 - cmdstanpy - INFO - Chain [1] start processing
00:08:28 - cmdstanpy - INFO - Chain [1] done processing
00:08:29 - cmdstanpy - INFO - Chain [1] start processing
00:08:29 - cmdstanpy - INFO - Chain [1] done processing
00:08:29 - cmdstanpy - INFO - Chain [1] start processing
00:08:29 - cmdstanpy - INFO - Chain [1] done processing
00:08:29 - cmdstanpy - INFO - Chain [1] start processing
00:08:29 - cmdstanpy - INFO - Chain [1] done processing
00:08:29 - cmdstanpy - INFO - Chain [1] start processing
00:08:30 - cmdstanpy - INFO - Chain [1] done processing
00:08:30 - cmdstanpy - INFO - Chain [1] start processing
00:08:30 - cmdstanpy - INFO - Chain [1] done processing
00:08:30 - cmdstanpy - INFO - Chain [1] start processing
00:08:30 - cmdstanpy - INFO - Chain [1] done processing
00:08:30 - cmdstanpy - INFO - Chain [1] start processing
00:08:30 - cmdstanpy - INFO - Chain [1] done processing
00:08:31 - cmdstanpy - INFO - Chain [1] start processing
00:08:31 - cmdstanpy - INFO - Chain [1] done processing
00:08:31 - cmdstanpy - INFO - Chain [1] start processing
00:08:31 - cmdstanpy - INFO - Chain [1] done processing
00:08:31 - cmdstanpy - INFO - Chain [1] start processing
00:08:31 - cmdstanpy - INFO - Chain [1] done processing
00:08:32 - cmdstanpy - INFO - Chain [1] start processing
00:08:32 - cmdstanpy - INFO - Chain [1] done processing
00:08:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:32 - cmdstanpy - INFO - Chain [1] start processing
00:08:32 - cmdstanpy - INFO - Chain [1] done processing
00:08:33 - cmdstanpy - INFO - Chain [1] start processing
00:08:33 - cmdstanpy - INFO - Chain [1] done processing
00:08:33 - cmdstanpy - INFO - Chain [1] start processing
00:08:33 - cmdstanpy - INFO - Chain [1] done processing
00:08:33 - cmdstanpy - INFO - Chain [1] start processing
00:08:33 - cmdstanpy - INFO - Chain [1] done processing
00:08:33 - cmdstanpy - INFO - Chain [1] start processing
00:08:33 - cmdstanpy - INFO - Chain [1] done processing
00:08:34 - cmdstanpy - INFO - Chain [1] start processing
00:08:34 - cmdstanpy - INFO - Chain [1] done processing
00:08:34 - cmdstanpy - INFO - Chain [1] start processing
00:08:34 - cmdstanpy - INFO - Chain [1] done processing
00:08:34 - cmdstanpy - INFO - Chain [1] start processing
00:08:34 - cmdstanpy - INFO - Chain [1] done processing
00:08:35 - cmdstanpy - INFO - Chain [1] start processing
00:08:35 - cmdstanpy - INFO - Chain [1] done processing
00:08:35 - cmdstanpy - INFO - Chain [1] start processing
00:08:35 - cmdstanpy - INFO - Chain [1] done processing
00:08:36 - cmdstanpy - INFO - Chain [1] start processing
00:08:36 - cmdstanpy - INFO - Chain [1] done processing
00:08:36 - cmdstanpy - INFO - Chain [1] start processing
00:08:36 - cmdstanpy - INFO - Chain [1] done processing
00:08:36 - cmdstanpy - INFO - Chain [1] start processing
00:08:36 - cmdstanpy - INFO - Chain [1] done processing
00:08:37 - cmdstanpy - INFO - Chain [1] start processing
00:08:37 - cmdstanpy - INFO - Chain [1] done processing
00:08:37 - cmdstanpy - INFO - Chain [1] start processing
00:08:37 - cmdstanpy - INFO - Chain [1] done processing
00:08:37 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:08:37 - cmdstanpy - INFO - Chain [1] done processing
00:08:38 - cmdstanpy - INFO - Chain [1] start processing
00:08:38 - cmdstanpy - INFO - Chain [1] done processing
00:08:38 - cmdstanpy - INFO - Chain [1] start processing
00:08:38 - cmdstanpy - INFO - Chain [1] done processing
00:08:38 - cmdstanpy - INFO - Chain [1] start processing
00:08:38 - cmdstanpy - INFO - Chain [1] done processing
00:08:39 - cmdstanpy - INFO - Chain [1] start processing
00:08:39 - cmdstanpy - INFO - Chain [1] done processing
00:08:39 - cmdstanpy - INFO - Chain [1] start processing
00:08:39 - cmdstanpy - INFO - Chain [1] done processing
00:08:39 - cmdstanpy - INFO - Chain [1] start processing
00:08:39 - cmdstanpy - INFO - Chain [1] done processing
00:08:40 - cmdstanpy - INFO - Chain [1] start processing
00:08:40 - cmdstanpy - INFO - Chain [1] done processing
00:08:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:40 - cmdstanpy - INFO - Chain [1] start processing
00:08:40 - cmdstanpy - INFO - Chain [1] done processing
00:08:40 - cmdstanpy - INFO - Chain [1] start processing
00:08:40 - cmdstanpy - INFO - Chain [1] done processing
00:08:41 - cmdstanpy - INFO - Chain [1] start processing
00:08:41 - cmdstanpy - INFO - Chain [1] done processing
00:08:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:41 - cmdstanpy - INFO - Chain [1] start processing
00:08:41 - cmdstanpy - INFO - Chain [1] done processing
00:08:41 - cmdstanpy - INFO - Chain [1] start processing
00:08:41 - cmdstanpy - INFO - Chain [1] done processing
00:08:41 - cmdstanpy - INFO - Chain [1] start processing
00:08:41 - cmdstanpy - INFO - Chain [1] done processing
00:08:42 - cmdstanpy - INFO - Chain [1] start processing
00:08:42 - cmdstanpy - INFO - Chain [1] done processing
00:08:42 - cmdstanpy - INFO - Chain [1] start processing
00:08:42 - cmdstanpy - INFO - Chain [1] done processing
00:08:42 - cmdstanpy - INFO - Chain [1] start processing
00:08:42 - cmdstanpy - INFO - Chain [1] done processing
00:08:43 - cmdstanpy - INFO - Chain [1] start processing
00:08:43 - cmdstanpy - INFO - Chain [1] done processing
00:08:43 - cmdstanpy - INFO - Chain [1] start processing
00:08:43 - cmdstanpy - INFO - Chain [1] done processing
00:08:43 - cmdstanpy - INFO - Chain [1] start processing
00:08:43 - cmdstanpy - INFO - Chain [1] done processing
00:08:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:43 - cmdstanpy - INFO - Chain [1] start processing
00:08:44 - cmdstanpy - INFO - Chain [1] done processing
00:08:44 - cmdstanpy - INFO - Chain [1] start processing
00:08:44 - cmdstanpy - INFO - Chain [1] done processing
00:08:44 - cmdstanpy - INFO - Chain [1] start processing
00:08:44 - cmdstanpy - INFO - Chain [1] done processing
00:08:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:44 - cmdstanpy - INFO - Chain [1] start processing
00:08:44 - cmdstanpy - INFO - Chain [1] done processing
00:08:45 - cmdstanpy - INFO - Chain [1] start processing
00:08:45 - cmdstanpy - INFO - Chain [1] done processing
00:08:45 - cmdstanpy - INFO - Chain [1] start processing
00:08:45 - cmdstanpy - INFO - Chain [1] done processing
00:08:45 - cmdstanpy - INFO - Chain [1] start processing
00:08:45 - cmdstanpy - INFO - Chain [1] done processing
00:08:46 - cmdstanpy - INFO - Chain [1] start processing
00:08:46 - cmdstanpy - INFO - Chain [1] done processing
00:08:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:08:46 - cmdstanpy - INFO - Chain [1] start processing
00:08:46 - cmdstanpy - INFO - Chain [1] done processing
00:08:46 - cmdstanpy - INFO - Chain [1] start processing
00:08:46 - cmdstanpy - INFO - Chain [1] done processing
00:08:47 - cmdstanpy - INFO - Chain [1] start processing
00:08:47 - cmdstanpy - INFO - Chain [1] done processing
00:08:47 - cmdstanpy - INFO - Chain [1] start processing
00:08:47 - cmdstanpy - INFO - Chain [1] done processing
00:08:47 - cmdstanpy - INFO - Chain [1] start processing
00:08:47 - cmdstanpy - INFO - Chain [1] done processing
00:08:48 - cmdstanpy - INFO - Chain [1] start processing
00:08:48 - cmdstanpy - INFO - Chain [1] done processing
00:08:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:48 - cmdstanpy - INFO - Chain [1] start processing
00:08:48 - cmdstanpy - INFO - Chain [1] done processing
00:08:48 - cmdstanpy - INFO - Chain [1] start processing
00:08:48 - cmdstanpy - INFO - Chain [1] done processing
00:08:49 - cmdstanpy - INFO - Chain [1] start processing
00:08:49 - cmdstanpy - INFO - Chain [1] done processing
00:08:49 - cmdstanpy - INFO - Chain [1] start processing
00:08:49 - cmdstanpy - INFO - Chain [1] done processing
00:08:49 - cmdstanpy - INFO - Chain [1] start processing
00:08:49 - cmdstanpy - INFO - Chain [1] done processing
00:08:49 - cmdstanpy - INFO - Chain [1] start processing
00:08:50 - cmdstanpy - INFO - Chain [1] done processing
00:08:50 - cmdstanpy - INFO - Chain [1] start processing
00:08:50 - cmdstanpy - INFO - Chain [1] done processing
00:08:50 - cmdstanpy - INFO - Chain [1] start processing
00:08:50 - cmdstanpy - INFO - Chain [1] done processing
00:08:50 - cmdstanpy - INFO - Chain [1] start processing
00:08:50 - cmdstanpy - INFO - Chain [1] done processing
00:08:51 - cmdstanpy - INFO - Chain [1] start processing
00:08:51 - cmdstanpy - INFO - Chain [1] done processing
00:08:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:51 - cmdstanpy - INFO - Chain [1] start processing
00:08:51 - cmdstanpy - INFO - Chain [1] done processing
00:08:51 - cmdstanpy - INFO - Chain [1] start processing
00:08:52 - cmdstanpy - INFO - Chain [1] done processing
00:08:52 - cmdstanpy - INFO - Chain [1] start processing
00:08:52 - cmdstanpy - INFO - Chain [1] done processing
00:08:52 - cmdstanpy - INFO - Chain [1] start processing
00:08:52 - cmdstanpy - INFO - Chain [1] done processing
00:08:53 - cmdstanpy - INFO - Chain [1] start processing
00:08:53 - cmdstanpy - INFO - Chain [1] done processing
00:08:53 - cmdstanpy - INFO - Chain [1] start processing
00:08:53 - cmdstanpy - INFO - Chain [1] done processing
00:08:53 - cmdstanpy - INFO - Chain [1] start processing
00:08:53 - cmdstanpy - INFO - Chain [1] done processing
00:08:53 - cmdstanpy - INFO - Chain [1] start processing
00:08:54 - cmdstanpy - INFO - Chain [1] done processing
00:08:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:08:54 - cmdstanpy - INFO - Chain [1] start processing
00:08:54 - cmdstanpy - INFO - Chain [1] done processing
00:08:54 - cmdstanpy - INFO - Chain [1] start processing
00:08:54 - cmdstanpy - INFO - Chain [1] done processing
00:08:54 - cmdstanpy - INFO - Chain [1] start processing
00:08:54 - cmdstanpy - INFO - Chain [1] done processing
00:08:55 - cmdstanpy - INFO - Chain [1] start processing
00:08:55 - cmdstanpy - INFO - Chain [1] done processing
00:08:55 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:08:55 - cmdstanpy - INFO - Chain [1] done processing
00:08:55 - cmdstanpy - INFO - Chain [1] start processing
00:08:55 - cmdstanpy - INFO - Chain [1] done processing
00:08:56 - cmdstanpy - INFO - Chain [1] start processing
00:08:56 - cmdstanpy - INFO - Chain [1] done processing
00:08:56 - cmdstanpy - INFO - Chain [1] start processing
00:08:56 - cmdstanpy - INFO - Chain [1] done processing
00:08:56 - cmdstanpy - INFO - Chain [1] start processing
00:08:56 - cmdstanpy - INFO - Chain [1] done processing
00:08:57 - cmdstanpy - INFO - Chain [1] start processing
00:08:57 - cmdstanpy - INFO - Chain [1] done processing
00:08:57 - cmdstanpy - INFO - Chain [1] start processing
00:08:57 - cmdstanpy - INFO - Chain [1] done processing
00:08:57 - cmdstanpy - INFO - Chain [1] start processing
00:08:57 - cmdstanpy - INFO - Chain [1] done processing
00:08:58 - cmdstanpy - INFO - Chain [1] start processing
00:08:58 - cmdstanpy - INFO - Chain [1] done processing
00:08:58 - cmdstanpy - INFO - Chain [1] start processing
00:08:58 - cmdstanpy - INFO - Chain [1] done processing
00:08:58 - cmdstanpy - INFO - Chain [1] start processing
00:08:58 - cmdstanpy - INFO - Chain [1] done processing
00:08:59 - cmdstanpy - INFO - Chain [1] start processing
00:08:59 - cmdstanpy - INFO - Chain [1] done processing
00:08:59 - cmdstanpy - INFO - Chain [1] start processing
00:08:59 - cmdstanpy - INFO - Chain [1] done processing
00:08:59 - cmdstanpy - INFO - Chain [1] start processing
00:08:59 - cmdstanpy - INFO - Chain [1] done processing
00:09:00 - cmdstanpy - INFO - Chain [1] start processing
00:09:00 - cmdstanpy - INFO - Chain [1] done processing
00:09:00 - cmdstanpy - INFO - Chain [1] start processing
00:09:00 - cmdstanpy - INFO - Chain [1] done processing
00:09:00 - cmdstanpy - INFO - Chain [1] start processing
00:09:00 - cmdstanpy - INFO - Chain [1] done processing
00:09:01 - cmdstanpy - INFO - Chain [1] start processing
00:09:01 - cmdstanpy - INFO - Chain [1] done processing
00:09:01 - cmdstanpy - INFO - Chain [1] start processing
00:09:01 - cmdstanpy - INFO - Chain [1] done processing
00:09:01 - cmdstanpy - INFO - Chain [1] start processing
00:09:01 - cmdstanpy - INFO - Chain [1] done processing
00:09:02 - cmdstanpy - INFO - Chain [1] start processing
00:09:02 - cmdstanpy - INFO - Chain [1] done processing
00:09:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:02 - cmdstanpy - INFO - Chain [1] start processing
00:09:02 - cmdstanpy - INFO - Chain [1] done processing
00:09:02 - cmdstanpy - INFO - Chain [1] start processing
00:09:02 - cmdstanpy - INFO - Chain [1] done processing
00:09:03 - cmdstanpy - INFO - Chain [1] start processing
00:09:03 - cmdstanpy - INFO - Chain [1] done processing
00:09:03 - cmdstanpy - INFO - Chain [1] start processing
00:09:03 - cmdstanpy - INFO - Chain [1] done processing
00:09:04 - cmdstanpy - INFO - Chain [1] start processing
00:09:04 - cmdstanpy - INFO - Chain [1] done processing
00:09:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:04 - cmdstanpy - INFO - Chain [1] start processing
00:09:04 - cmdstanpy - INFO - Chain [1] done processing
00:09:04 - cmdstanpy - INFO - Chain [1] start processing
00:09:04 - cmdstanpy - INFO - Chain [1] done processing
00:09:04 - cmdstanpy - INFO - Chain [1] start processing
00:09:05 - cmdstanpy - INFO - Chain [1] done processing
00:09:05 - cmdstanpy - INFO - Chain [1] start processing
00:09:05 - cmdstanpy - INFO - Chain [1] done processing
00:09:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:09:05 - cmdstanpy - INFO - Chain [1] done processing
00:09:05 - cmdstanpy - INFO - Chain [1] start processing
00:09:06 - cmdstanpy - INFO - Chain [1] done processing
00:09:06 - cmdstanpy - INFO - Chain [1] start processing
00:09:06 - cmdstanpy - INFO - Chain [1] done processing
00:09:06 - cmdstanpy - INFO - Chain [1] start processing
00:09:06 - cmdstanpy - INFO - Chain [1] done processing
00:09:07 - cmdstanpy - INFO - Chain [1] start processing
00:09:07 - cmdstanpy - INFO - Chain [1] done processing
00:09:07 - cmdstanpy - INFO - Chain [1] start processing
00:09:07 - cmdstanpy - INFO - Chain [1] done processing
00:09:07 - cmdstanpy - INFO - Chain [1] start processing
00:09:07 - cmdstanpy - INFO - Chain [1] done processing
00:09:08 - cmdstanpy - INFO - Chain [1] start processing
00:09:08 - cmdstanpy - INFO - Chain [1] done processing
00:09:08 - cmdstanpy - INFO - Chain [1] start processing
00:09:08 - cmdstanpy - INFO - Chain [1] done processing
00:09:08 - cmdstanpy - INFO - Chain [1] start processing
00:09:08 - cmdstanpy - INFO - Chain [1] done processing
00:09:08 - cmdstanpy - INFO - Chain [1] start processing
00:09:08 - cmdstanpy - INFO - Chain [1] done processing
00:09:09 - cmdstanpy - INFO - Chain [1] start processing
00:09:09 - cmdstanpy - INFO - Chain [1] done processing
00:09:09 - cmdstanpy - INFO - Chain [1] start processing
00:09:09 - cmdstanpy - INFO - Chain [1] done processing
00:09:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:09 - cmdstanpy - INFO - Chain [1] start processing
00:09:09 - cmdstanpy - INFO - Chain [1] done processing
00:09:10 - cmdstanpy - INFO - Chain [1] start processing
00:09:10 - cmdstanpy - INFO - Chain [1] done processing
00:09:10 - cmdstanpy - INFO - Chain [1] start processing
00:09:10 - cmdstanpy - INFO - Chain [1] done processing
00:09:10 - cmdstanpy - INFO - Chain [1] start processing
00:09:10 - cmdstanpy - INFO - Chain [1] done processing
00:09:10 - cmdstanpy - INFO - Chain [1] start processing
00:09:10 - cmdstanpy - INFO - Chain [1] done processing
00:09:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:11 - cmdstanpy - INFO - Chain [1] start processing
00:09:11 - cmdstanpy - INFO - Chain [1] done processing
00:09:11 - cmdstanpy - INFO - Chain [1] start processing
00:09:11 - cmdstanpy - INFO - Chain [1] done processing
00:09:12 - cmdstanpy - INFO - Chain [1] start processing
00:09:12 - cmdstanpy - INFO - Chain [1] done processing
00:09:12 - cmdstanpy - INFO - Chain [1] start processing
00:09:12 - cmdstanpy - INFO - Chain [1] done processing
00:09:12 - cmdstanpy - INFO - Chain [1] start processing
00:09:12 - cmdstanpy - INFO - Chain [1] done processing
00:09:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:12 - cmdstanpy - INFO - Chain [1] start processing
00:09:12 - cmdstanpy - INFO - Chain [1] done processing
00:09:13 - cmdstanpy - INFO - Chain [1] start processing
00:09:13 - cmdstanpy - INFO - Chain [1] done processing
00:09:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:13 - cmdstanpy - INFO - Chain [1] start processing
00:09:13 - cmdstanpy - INFO - Chain [1] done processing
00:09:14 - cmdstanpy - INFO - Chain [1] start processing
00:09:14 - cmdstanpy - INFO - Chain [1] done processing
00:09:14 - cmdstanpy - INFO - Chain [1] start processing
00:09:14 - cmdstanpy - INFO - Chain [1] done processing
00:09:14 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:09:14 - cmdstanpy - INFO - Chain [1] done processing
00:09:14 - cmdstanpy - INFO - Chain [1] start processing
00:09:14 - cmdstanpy - INFO - Chain [1] done processing
00:09:15 - cmdstanpy - INFO - Chain [1] start processing
00:09:15 - cmdstanpy - INFO - Chain [1] done processing
00:09:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:15 - cmdstanpy - INFO - Chain [1] start processing
00:09:15 - cmdstanpy - INFO - Chain [1] done processing
00:09:15 - cmdstanpy - INFO - Chain [1] start processing
00:09:15 - cmdstanpy - INFO - Chain [1] done processing
00:09:16 - cmdstanpy - INFO - Chain [1] start processing
00:09:16 - cmdstanpy - INFO - Chain [1] done processing
00:09:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:16 - cmdstanpy - INFO - Chain [1] start processing
00:09:16 - cmdstanpy - INFO - Chain [1] done processing
00:09:16 - cmdstanpy - INFO - Chain [1] start processing
00:09:16 - cmdstanpy - INFO - Chain [1] done processing
00:09:16 - cmdstanpy - INFO - Chain [1] start processing
00:09:17 - cmdstanpy - INFO - Chain [1] done processing
00:09:17 - cmdstanpy - INFO - Chain [1] start processing
00:09:17 - cmdstanpy - INFO - Chain [1] done processing
00:09:17 - cmdstanpy - INFO - Chain [1] start processing
00:09:17 - cmdstanpy - INFO - Chain [1] done processing
00:09:17 - cmdstanpy - INFO - Chain [1] start processing
00:09:17 - cmdstanpy - INFO - Chain [1] done processing
00:09:18 - cmdstanpy - INFO - Chain [1] start processing
00:09:18 - cmdstanpy - INFO - Chain [1] done processing
00:09:18 - cmdstanpy - INFO - Chain [1] start processing
00:09:18 - cmdstanpy - INFO - Chain [1] done processing
00:09:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:18 - cmdstanpy - INFO - Chain [1] start processing
00:09:18 - cmdstanpy - INFO - Chain [1] done processing
00:09:18 - cmdstanpy - INFO - Chain [1] start processing
00:09:19 - cmdstanpy - INFO - Chain [1] done processing
00:09:19 - cmdstanpy - INFO - Chain [1] start processing
00:09:19 - cmdstanpy - INFO - Chain [1] done processing
00:09:19 - cmdstanpy - INFO - Chain [1] start processing
00:09:19 - cmdstanpy - INFO - Chain [1] done processing
00:09:19 - cmdstanpy - INFO - Chain [1] start processing
00:09:19 - cmdstanpy - INFO - Chain [1] done processing
00:09:20 - cmdstanpy - INFO - Chain [1] start processing
00:09:20 - cmdstanpy - INFO - Chain [1] done processing
00:09:20 - cmdstanpy - INFO - Chain [1] start processing
00:09:20 - cmdstanpy - INFO - Chain [1] done processing
00:09:20 - cmdstanpy - INFO - Chain [1] start processing
00:09:20 - cmdstanpy - INFO - Chain [1] done processing
00:09:21 - cmdstanpy - INFO - Chain [1] start processing
00:09:21 - cmdstanpy - INFO - Chain [1] done processing
00:09:21 - cmdstanpy - INFO - Chain [1] start processing
00:09:21 - cmdstanpy - INFO - Chain [1] done processing
00:09:21 - cmdstanpy - INFO - Chain [1] start processing
00:09:21 - cmdstanpy - INFO - Chain [1] done processing
00:09:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:21 - cmdstanpy - INFO - Chain [1] start processing
00:09:21 - cmdstanpy - INFO - Chain [1] done processing
00:09:22 - cmdstanpy - INFO - Chain [1] start processing
00:09:22 - cmdstanpy - INFO - Chain [1] done processing
00:09:22 - cmdstanpy - INFO - Chain [1] start processing
00:09:22 - cmdstanpy - INFO - Chain [1] done processing
00:09:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:09:22 - cmdstanpy - INFO - Chain [1] start processing
00:09:23 - cmdstanpy - INFO - Chain [1] done processing
00:09:23 - cmdstanpy - INFO - Chain [1] start processing
00:09:23 - cmdstanpy - INFO - Chain [1] done processing
00:09:24 - cmdstanpy - INFO - Chain [1] start processing
00:09:24 - cmdstanpy - INFO - Chain [1] done processing
00:09:24 - cmdstanpy - INFO - Chain [1] start processing
00:09:24 - cmdstanpy - INFO - Chain [1] done processing
00:09:24 - cmdstanpy - INFO - Chain [1] start processing
00:09:24 - cmdstanpy - INFO - Chain [1] done processing
00:09:25 - cmdstanpy - INFO - Chain [1] start processing
00:09:25 - cmdstanpy - INFO - Chain [1] done processing
00:09:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:25 - cmdstanpy - INFO - Chain [1] start processing
00:09:25 - cmdstanpy - INFO - Chain [1] done processing
00:09:25 - cmdstanpy - INFO - Chain [1] start processing
00:09:25 - cmdstanpy - INFO - Chain [1] done processing
00:09:26 - cmdstanpy - INFO - Chain [1] start processing
00:09:26 - cmdstanpy - INFO - Chain [1] done processing
00:09:26 - cmdstanpy - INFO - Chain [1] start processing
00:09:26 - cmdstanpy - INFO - Chain [1] done processing
00:09:26 - cmdstanpy - INFO - Chain [1] start processing
00:09:26 - cmdstanpy - INFO - Chain [1] done processing
00:09:26 - cmdstanpy - INFO - Chain [1] start processing
00:09:26 - cmdstanpy - INFO - Chain [1] done processing
00:09:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:27 - cmdstanpy - INFO - Chain [1] start processing
00:09:27 - cmdstanpy - INFO - Chain [1] done processing
00:09:27 - cmdstanpy - INFO - Chain [1] start processing
00:09:27 - cmdstanpy - INFO - Chain [1] done processing
00:09:28 - cmdstanpy - INFO - Chain [1] start processing
00:09:28 - cmdstanpy - INFO - Chain [1] done processing
00:09:28 - cmdstanpy - INFO - Chain [1] start processing
00:09:28 - cmdstanpy - INFO - Chain [1] done processing
00:09:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:28 - cmdstanpy - INFO - Chain [1] start processing
00:09:28 - cmdstanpy - INFO - Chain [1] done processing
00:09:28 - cmdstanpy - INFO - Chain [1] start processing
00:09:28 - cmdstanpy - INFO - Chain [1] done processing
00:09:28 - cmdstanpy - INFO - Chain [1] start processing
00:09:28 - cmdstanpy - INFO - Chain [1] done processing
00:09:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:29 - cmdstanpy - INFO - Chain [1] start processing
00:09:29 - cmdstanpy - INFO - Chain [1] done processing
00:09:30 - cmdstanpy - INFO - Chain [1] start processing
00:09:30 - cmdstanpy - INFO - Chain [1] done processing
00:09:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:30 - cmdstanpy - INFO - Chain [1] start processing
00:09:30 - cmdstanpy - INFO - Chain [1] done processing
00:09:30 - cmdstanpy - INFO - Chain [1] start processing
00:09:30 - cmdstanpy - INFO - Chain [1] done processing
00:09:30 - cmdstanpy - INFO - Chain [1] start processing
00:09:30 - cmdstanpy - INFO - Chain [1] done processing
00:09:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:30 - cmdstanpy - INFO - Chain [1] start processing
00:09:31 - cmdstanpy - INFO - Chain [1] done processing
00:09:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:09:31 - cmdstanpy - INFO - Chain [1] done processing
00:09:31 - cmdstanpy - INFO - Chain [1] start processing
00:09:31 - cmdstanpy - INFO - Chain [1] done processing
00:09:31 - cmdstanpy - INFO - Chain [1] start processing
00:09:31 - cmdstanpy - INFO - Chain [1] done processing
00:09:32 - cmdstanpy - INFO - Chain [1] start processing
00:09:32 - cmdstanpy - INFO - Chain [1] done processing
00:09:32 - cmdstanpy - INFO - Chain [1] start processing
00:09:32 - cmdstanpy - INFO - Chain [1] done processing
00:09:32 - cmdstanpy - INFO - Chain [1] start processing
00:09:32 - cmdstanpy - INFO - Chain [1] done processing
00:09:33 - cmdstanpy - INFO - Chain [1] start processing
00:09:33 - cmdstanpy - INFO - Chain [1] done processing
00:09:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:33 - cmdstanpy - INFO - Chain [1] start processing
00:09:33 - cmdstanpy - INFO - Chain [1] done processing
00:09:33 - cmdstanpy - INFO - Chain [1] start processing
00:09:33 - cmdstanpy - INFO - Chain [1] done processing
00:09:34 - cmdstanpy - INFO - Chain [1] start processing
00:09:34 - cmdstanpy - INFO - Chain [1] done processing
00:09:34 - cmdstanpy - INFO - Chain [1] start processing
00:09:34 - cmdstanpy - INFO - Chain [1] done processing
00:09:34 - cmdstanpy - INFO - Chain [1] start processing
00:09:34 - cmdstanpy - INFO - Chain [1] done processing
00:09:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:34 - cmdstanpy - INFO - Chain [1] start processing
00:09:35 - cmdstanpy - INFO - Chain [1] done processing
00:09:35 - cmdstanpy - INFO - Chain [1] start processing
00:09:35 - cmdstanpy - INFO - Chain [1] done processing
00:09:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:35 - cmdstanpy - INFO - Chain [1] start processing
00:09:35 - cmdstanpy - INFO - Chain [1] done processing
00:09:35 - cmdstanpy - INFO - Chain [1] start processing
00:09:35 - cmdstanpy - INFO - Chain [1] done processing
00:09:36 - cmdstanpy - INFO - Chain [1] start processing
00:09:36 - cmdstanpy - INFO - Chain [1] done processing
00:09:36 - cmdstanpy - INFO - Chain [1] start processing
00:09:36 - cmdstanpy - INFO - Chain [1] done processing
00:09:36 - cmdstanpy - INFO - Chain [1] start processing
00:09:36 - cmdstanpy - INFO - Chain [1] done processing
00:09:36 - cmdstanpy - INFO - Chain [1] start processing
00:09:36 - cmdstanpy - INFO - Chain [1] done processing
00:09:37 - cmdstanpy - INFO - Chain [1] start processing
00:09:37 - cmdstanpy - INFO - Chain [1] done processing
00:09:37 - cmdstanpy - INFO - Chain [1] start processing
00:09:37 - cmdstanpy - INFO - Chain [1] done processing
00:09:38 - cmdstanpy - INFO - Chain [1] start processing
00:09:38 - cmdstanpy - INFO - Chain [1] done processing
00:09:38 - cmdstanpy - INFO - Chain [1] start processing
00:09:38 - cmdstanpy - INFO - Chain [1] done processing
00:09:38 - cmdstanpy - INFO - Chain [1] start processing
00:09:38 - cmdstanpy - INFO - Chain [1] done processing
00:09:38 - cmdstanpy - INFO - Chain [1] start processing
00:09:39 - cmdstanpy - INFO - Chain [1] done processing
00:09:39 - cmdstanpy - INFO - Chain [1] start processing
00:09:39 - cmdstanpy - INFO - Chain [1] done processing
00:09:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:39 - cmdstanpy - INFO - Chain [1] start processing
00:09:39 - cmdstanpy - INFO - Chain [1] done processing
00:09:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:09:39 - cmdstanpy - INFO - Chain [1] done processing
00:09:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:39 - cmdstanpy - INFO - Chain [1] start processing
00:09:40 - cmdstanpy - INFO - Chain [1] done processing
00:09:40 - cmdstanpy - INFO - Chain [1] start processing
00:09:40 - cmdstanpy - INFO - Chain [1] done processing
00:09:40 - cmdstanpy - INFO - Chain [1] start processing
00:09:40 - cmdstanpy - INFO - Chain [1] done processing
00:09:41 - cmdstanpy - INFO - Chain [1] start processing
00:09:41 - cmdstanpy - INFO - Chain [1] done processing
00:09:41 - cmdstanpy - INFO - Chain [1] start processing
00:09:41 - cmdstanpy - INFO - Chain [1] done processing
00:09:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:41 - cmdstanpy - INFO - Chain [1] start processing
00:09:41 - cmdstanpy - INFO - Chain [1] done processing
00:09:41 - cmdstanpy - INFO - Chain [1] start processing
00:09:42 - cmdstanpy - INFO - Chain [1] done processing
00:09:42 - cmdstanpy - INFO - Chain [1] start processing
00:09:42 - cmdstanpy - INFO - Chain [1] done processing
00:09:42 - cmdstanpy - INFO - Chain [1] start processing
00:09:42 - cmdstanpy - INFO - Chain [1] done processing
00:09:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:42 - cmdstanpy - INFO - Chain [1] start processing
00:09:42 - cmdstanpy - INFO - Chain [1] done processing
00:09:43 - cmdstanpy - INFO - Chain [1] start processing
00:09:43 - cmdstanpy - INFO - Chain [1] done processing
00:09:43 - cmdstanpy - INFO - Chain [1] start processing
00:09:43 - cmdstanpy - INFO - Chain [1] done processing
00:09:43 - cmdstanpy - INFO - Chain [1] start processing
00:09:43 - cmdstanpy - INFO - Chain [1] done processing
00:09:44 - cmdstanpy - INFO - Chain [1] start processing
00:09:44 - cmdstanpy - INFO - Chain [1] done processing
00:09:44 - cmdstanpy - INFO - Chain [1] start processing
00:09:44 - cmdstanpy - INFO - Chain [1] done processing
00:09:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:44 - cmdstanpy - INFO - Chain [1] start processing
00:09:44 - cmdstanpy - INFO - Chain [1] done processing
00:09:44 - cmdstanpy - INFO - Chain [1] start processing
00:09:44 - cmdstanpy - INFO - Chain [1] done processing
00:09:45 - cmdstanpy - INFO - Chain [1] start processing
00:09:45 - cmdstanpy - INFO - Chain [1] done processing
00:09:45 - cmdstanpy - INFO - Chain [1] start processing
00:09:45 - cmdstanpy - INFO - Chain [1] done processing
00:09:45 - cmdstanpy - INFO - Chain [1] start processing
00:09:45 - cmdstanpy - INFO - Chain [1] done processing
00:09:46 - cmdstanpy - INFO - Chain [1] start processing
00:09:46 - cmdstanpy - INFO - Chain [1] done processing
00:09:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:46 - cmdstanpy - INFO - Chain [1] start processing
00:09:46 - cmdstanpy - INFO - Chain [1] done processing
00:09:46 - cmdstanpy - INFO - Chain [1] start processing
00:09:46 - cmdstanpy - INFO - Chain [1] done processing
00:09:47 - cmdstanpy - INFO - Chain [1] start processing
00:09:47 - cmdstanpy - INFO - Chain [1] done processing
00:09:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:47 - cmdstanpy - INFO - Chain [1] start processing
00:09:47 - cmdstanpy - INFO - Chain [1] done processing
00:09:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:09:47 - cmdstanpy - INFO - Chain [1] done processing
00:09:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:47 - cmdstanpy - INFO - Chain [1] start processing
00:09:47 - cmdstanpy - INFO - Chain [1] done processing
00:09:47 - cmdstanpy - INFO - Chain [1] start processing
00:09:47 - cmdstanpy - INFO - Chain [1] done processing
00:09:48 - cmdstanpy - INFO - Chain [1] start processing
00:09:48 - cmdstanpy - INFO - Chain [1] done processing
00:09:48 - cmdstanpy - INFO - Chain [1] start processing
00:09:48 - cmdstanpy - INFO - Chain [1] done processing
00:09:48 - cmdstanpy - INFO - Chain [1] start processing
00:09:48 - cmdstanpy - INFO - Chain [1] done processing
00:09:49 - cmdstanpy - INFO - Chain [1] start processing
00:09:49 - cmdstanpy - INFO - Chain [1] done processing
00:09:49 - cmdstanpy - INFO - Chain [1] start processing
00:09:49 - cmdstanpy - INFO - Chain [1] done processing
00:09:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:49 - cmdstanpy - INFO - Chain [1] start processing
00:09:49 - cmdstanpy - INFO - Chain [1] done processing
00:09:50 - cmdstanpy - INFO - Chain [1] start processing
00:09:50 - cmdstanpy - INFO - Chain [1] done processing
00:09:50 - cmdstanpy - INFO - Chain [1] start processing
00:09:50 - cmdstanpy - INFO - Chain [1] done processing
00:09:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:50 - cmdstanpy - INFO - Chain [1] start processing
00:09:50 - cmdstanpy - INFO - Chain [1] done processing
00:09:50 - cmdstanpy - INFO - Chain [1] start processing
00:09:50 - cmdstanpy - INFO - Chain [1] done processing
00:09:51 - cmdstanpy - INFO - Chain [1] start processing
00:09:51 - cmdstanpy - INFO - Chain [1] done processing
00:09:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:51 - cmdstanpy - INFO - Chain [1] start processing
00:09:51 - cmdstanpy - INFO - Chain [1] done processing
00:09:51 - cmdstanpy - INFO - Chain [1] start processing
00:09:51 - cmdstanpy - INFO - Chain [1] done processing
00:09:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:51 - cmdstanpy - INFO - Chain [1] start processing
00:09:52 - cmdstanpy - INFO - Chain [1] done processing
00:09:52 - cmdstanpy - INFO - Chain [1] start processing
00:09:52 - cmdstanpy - INFO - Chain [1] done processing
00:09:52 - cmdstanpy - INFO - Chain [1] start processing
00:09:52 - cmdstanpy - INFO - Chain [1] done processing
00:09:52 - cmdstanpy - INFO - Chain [1] start processing
00:09:53 - cmdstanpy - INFO - Chain [1] done processing
00:09:53 - cmdstanpy - INFO - Chain [1] start processing
00:09:53 - cmdstanpy - INFO - Chain [1] done processing
00:09:53 - cmdstanpy - INFO - Chain [1] start processing
00:09:53 - cmdstanpy - INFO - Chain [1] done processing
00:09:54 - cmdstanpy - INFO - Chain [1] start processing
00:09:54 - cmdstanpy - INFO - Chain [1] done processing
00:09:54 - cmdstanpy - INFO - Chain [1] start processing
00:09:54 - cmdstanpy - INFO - Chain [1] done processing
00:09:54 - cmdstanpy - INFO - Chain [1] start processing
00:09:54 - cmdstanpy - INFO - Chain [1] done processing
00:09:55 - cmdstanpy - INFO - Chain [1] start processing
00:09:55 - cmdstanpy - INFO - Chain [1] done processing
00:09:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:55 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:09:55 - cmdstanpy - INFO - Chain [1] done processing
00:09:55 - cmdstanpy - INFO - Chain [1] start processing
00:09:55 - cmdstanpy - INFO - Chain [1] done processing
00:09:56 - cmdstanpy - INFO - Chain [1] start processing
00:09:56 - cmdstanpy - INFO - Chain [1] done processing
00:09:56 - cmdstanpy - INFO - Chain [1] start processing
00:09:56 - cmdstanpy - INFO - Chain [1] done processing
00:09:56 - cmdstanpy - INFO - Chain [1] start processing
00:09:56 - cmdstanpy - INFO - Chain [1] done processing
00:09:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:56 - cmdstanpy - INFO - Chain [1] start processing
00:09:57 - cmdstanpy - INFO - Chain [1] done processing
00:09:57 - cmdstanpy - INFO - Chain [1] start processing
00:09:57 - cmdstanpy - INFO - Chain [1] done processing
00:09:57 - cmdstanpy - INFO - Chain [1] start processing
00:09:57 - cmdstanpy - INFO - Chain [1] done processing
00:09:58 - cmdstanpy - INFO - Chain [1] start processing
00:09:58 - cmdstanpy - INFO - Chain [1] done processing
00:09:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:09:58 - cmdstanpy - INFO - Chain [1] start processing
00:09:58 - cmdstanpy - INFO - Chain [1] done processing
00:09:58 - cmdstanpy - INFO - Chain [1] start processing
00:09:58 - cmdstanpy - INFO - Chain [1] done processing
00:09:58 - cmdstanpy - INFO - Chain [1] start processing
00:09:59 - cmdstanpy - INFO - Chain [1] done processing
00:09:59 - cmdstanpy - INFO - Chain [1] start processing
00:09:59 - cmdstanpy - INFO - Chain [1] done processing
00:09:59 - cmdstanpy - INFO - Chain [1] start processing
00:09:59 - cmdstanpy - INFO - Chain [1] done processing
00:09:59 - cmdstanpy - INFO - Chain [1] start processing
00:09:59 - cmdstanpy - INFO - Chain [1] done processing
00:10:00 - cmdstanpy - INFO - Chain [1] start processing
00:10:00 - cmdstanpy - INFO - Chain [1] done processing
00:10:00 - cmdstanpy - INFO - Chain [1] start processing
00:10:00 - cmdstanpy - INFO - Chain [1] done processing
00:10:00 - cmdstanpy - INFO - Chain [1] start processing
00:10:01 - cmdstanpy - INFO - Chain [1] done processing
00:10:01 - cmdstanpy - INFO - Chain [1] start processing
00:10:01 - cmdstanpy - INFO - Chain [1] done processing
00:10:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:01 - cmdstanpy - INFO - Chain [1] start processing
00:10:01 - cmdstanpy - INFO - Chain [1] done processing
00:10:01 - cmdstanpy - INFO - Chain [1] start processing
00:10:01 - cmdstanpy - INFO - Chain [1] done processing
00:10:02 - cmdstanpy - INFO - Chain [1] start processing
00:10:02 - cmdstanpy - INFO - Chain [1] done processing
00:10:02 - cmdstanpy - INFO - Chain [1] start processing
00:10:02 - cmdstanpy - INFO - Chain [1] done processing
00:10:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:02 - cmdstanpy - INFO - Chain [1] start processing
00:10:03 - cmdstanpy - INFO - Chain [1] done processing
00:10:03 - cmdstanpy - INFO - Chain [1] start processing
00:10:03 - cmdstanpy - INFO - Chain [1] done processing
00:10:03 - cmdstanpy - INFO - Chain [1] start processing
00:10:03 - cmdstanpy - INFO - Chain [1] done processing
00:10:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:03 - cmdstanpy - INFO - Chain [1] start processing
00:10:04 - cmdstanpy - INFO - Chain [1] done processing
00:10:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:10:04 - cmdstanpy - INFO - Chain [1] done processing
00:10:04 - cmdstanpy - INFO - Chain [1] start processing
00:10:04 - cmdstanpy - INFO - Chain [1] done processing
00:10:04 - cmdstanpy - INFO - Chain [1] start processing
00:10:04 - cmdstanpy - INFO - Chain [1] done processing
00:10:05 - cmdstanpy - INFO - Chain [1] start processing
00:10:05 - cmdstanpy - INFO - Chain [1] done processing
00:10:05 - cmdstanpy - INFO - Chain [1] start processing
00:10:05 - cmdstanpy - INFO - Chain [1] done processing
00:10:05 - cmdstanpy - INFO - Chain [1] start processing
00:10:05 - cmdstanpy - INFO - Chain [1] done processing
00:10:06 - cmdstanpy - INFO - Chain [1] start processing
00:10:06 - cmdstanpy - INFO - Chain [1] done processing
00:10:06 - cmdstanpy - INFO - Chain [1] start processing
00:10:06 - cmdstanpy - INFO - Chain [1] done processing
00:10:06 - cmdstanpy - INFO - Chain [1] start processing
00:10:06 - cmdstanpy - INFO - Chain [1] done processing
00:10:07 - cmdstanpy - INFO - Chain [1] start processing
00:10:07 - cmdstanpy - INFO - Chain [1] done processing
00:10:07 - cmdstanpy - INFO - Chain [1] start processing
00:10:07 - cmdstanpy - INFO - Chain [1] done processing
00:10:07 - cmdstanpy - INFO - Chain [1] start processing
00:10:07 - cmdstanpy - INFO - Chain [1] done processing
00:10:08 - cmdstanpy - INFO - Chain [1] start processing
00:10:08 - cmdstanpy - INFO - Chain [1] done processing
00:10:08 - cmdstanpy - INFO - Chain [1] start processing
00:10:08 - cmdstanpy - INFO - Chain [1] done processing
00:10:08 - cmdstanpy - INFO - Chain [1] start processing
00:10:08 - cmdstanpy - INFO - Chain [1] done processing
00:10:09 - cmdstanpy - INFO - Chain [1] start processing
00:10:09 - cmdstanpy - INFO - Chain [1] done processing
00:10:09 - cmdstanpy - INFO - Chain [1] start processing
00:10:09 - cmdstanpy - INFO - Chain [1] done processing
00:10:09 - cmdstanpy - INFO - Chain [1] start processing
00:10:10 - cmdstanpy - INFO - Chain [1] done processing
00:10:10 - cmdstanpy - INFO - Chain [1] start processing
00:10:10 - cmdstanpy - INFO - Chain [1] done processing
00:10:10 - cmdstanpy - INFO - Chain [1] start processing
00:10:10 - cmdstanpy - INFO - Chain [1] done processing
00:10:11 - cmdstanpy - INFO - Chain [1] start processing
00:10:11 - cmdstanpy - INFO - Chain [1] done processing
00:10:11 - cmdstanpy - INFO - Chain [1] start processing
00:10:11 - cmdstanpy - INFO - Chain [1] done processing
00:10:11 - cmdstanpy - INFO - Chain [1] start processing
00:10:11 - cmdstanpy - INFO - Chain [1] done processing
00:10:12 - cmdstanpy - INFO - Chain [1] start processing
00:10:12 - cmdstanpy - INFO - Chain [1] done processing
00:10:12 - cmdstanpy - INFO - Chain [1] start processing
00:10:12 - cmdstanpy - INFO - Chain [1] done processing
00:10:13 - cmdstanpy - INFO - Chain [1] start processing
00:10:13 - cmdstanpy - INFO - Chain [1] done processing
00:10:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:13 - cmdstanpy - INFO - Chain [1] start processing
00:10:13 - cmdstanpy - INFO - Chain [1] done processing
00:10:13 - cmdstanpy - INFO - Chain [1] start processing
00:10:13 - cmdstanpy - INFO - Chain [1] done processing
00:10:14 - cmdstanpy - INFO - Chain [1] start processing
00:10:14 - cmdstanpy - INFO - Chain [1] done processing
00:10:14 - cmdstanpy - INFO - Chain [1] start processing
00:10:14 - cmdstanpy - INFO - Chain [1] done processing
00:10:14 - cmdstanpy - INFO - Chain [1] start processing
00:10:14 - cmdstanpy - INFO - Chain [1] done processing
00:10:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:10:14 - cmdstanpy - INFO - Chain [1] start processing
00:10:15 - cmdstanpy - INFO - Chain [1] done processing
00:10:15 - cmdstanpy - INFO - Chain [1] start processing
00:10:15 - cmdstanpy - INFO - Chain [1] done processing
00:10:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:15 - cmdstanpy - INFO - Chain [1] start processing
00:10:15 - cmdstanpy - INFO - Chain [1] done processing
00:10:16 - cmdstanpy - INFO - Chain [1] start processing
00:10:16 - cmdstanpy - INFO - Chain [1] done processing
00:10:16 - cmdstanpy - INFO - Chain [1] start processing
00:10:16 - cmdstanpy - INFO - Chain [1] done processing
00:10:16 - cmdstanpy - INFO - Chain [1] start processing
00:10:16 - cmdstanpy - INFO - Chain [1] done processing
00:10:17 - cmdstanpy - INFO - Chain [1] start processing
00:10:17 - cmdstanpy - INFO - Chain [1] done processing
00:10:17 - cmdstanpy - INFO - Chain [1] start processing
00:10:17 - cmdstanpy - INFO - Chain [1] done processing
00:10:18 - cmdstanpy - INFO - Chain [1] start processing
00:10:18 - cmdstanpy - INFO - Chain [1] done processing
00:10:18 - cmdstanpy - INFO - Chain [1] start processing
00:10:18 - cmdstanpy - INFO - Chain [1] done processing
00:10:19 - cmdstanpy - INFO - Chain [1] start processing
00:10:19 - cmdstanpy - INFO - Chain [1] done processing
00:10:19 - cmdstanpy - INFO - Chain [1] start processing
00:10:19 - cmdstanpy - INFO - Chain [1] done processing
00:10:20 - cmdstanpy - INFO - Chain [1] start processing
00:10:20 - cmdstanpy - INFO - Chain [1] done processing
00:10:20 - cmdstanpy - INFO - Chain [1] start processing
00:10:20 - cmdstanpy - INFO - Chain [1] done processing
00:10:21 - cmdstanpy - INFO - Chain [1] start processing
00:10:21 - cmdstanpy - INFO - Chain [1] done processing
00:10:21 - cmdstanpy - INFO - Chain [1] start processing
00:10:21 - cmdstanpy - INFO - Chain [1] done processing
00:10:22 - cmdstanpy - INFO - Chain [1] start processing
00:10:22 - cmdstanpy - INFO - Chain [1] done processing
00:10:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:22 - cmdstanpy - INFO - Chain [1] start processing
00:10:22 - cmdstanpy - INFO - Chain [1] done processing
00:10:22 - cmdstanpy - INFO - Chain [1] start processing
00:10:22 - cmdstanpy - INFO - Chain [1] done processing
00:10:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:22 - cmdstanpy - INFO - Chain [1] start processing
00:10:23 - cmdstanpy - INFO - Chain [1] done processing
00:10:23 - cmdstanpy - INFO - Chain [1] start processing
00:10:23 - cmdstanpy - INFO - Chain [1] done processing
00:10:23 - cmdstanpy - INFO - Chain [1] start processing
00:10:24 - cmdstanpy - INFO - Chain [1] done processing
00:10:24 - cmdstanpy - INFO - Chain [1] start processing
00:10:24 - cmdstanpy - INFO - Chain [1] done processing
00:10:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:24 - cmdstanpy - INFO - Chain [1] start processing
00:10:24 - cmdstanpy - INFO - Chain [1] done processing
00:10:25 - cmdstanpy - INFO - Chain [1] start processing
00:10:25 - cmdstanpy - INFO - Chain [1] done processing
00:10:25 - cmdstanpy - INFO - Chain [1] start processing
00:10:25 - cmdstanpy - INFO - Chain [1] done processing
00:10:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:10:25 - cmdstanpy - INFO - Chain [1] done processing
00:10:26 - cmdstanpy - INFO - Chain [1] start processing
00:10:26 - cmdstanpy - INFO - Chain [1] done processing
00:10:26 - cmdstanpy - INFO - Chain [1] start processing
00:10:26 - cmdstanpy - INFO - Chain [1] done processing
00:10:26 - cmdstanpy - INFO - Chain [1] start processing
00:10:26 - cmdstanpy - INFO - Chain [1] done processing
00:10:27 - cmdstanpy - INFO - Chain [1] start processing
00:10:27 - cmdstanpy - INFO - Chain [1] done processing
00:10:27 - cmdstanpy - INFO - Chain [1] start processing
00:10:27 - cmdstanpy - INFO - Chain [1] done processing
00:10:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:27 - cmdstanpy - INFO - Chain [1] start processing
00:10:27 - cmdstanpy - INFO - Chain [1] done processing
00:10:28 - cmdstanpy - INFO - Chain [1] start processing
00:10:28 - cmdstanpy - INFO - Chain [1] done processing
00:10:28 - cmdstanpy - INFO - Chain [1] start processing
00:10:28 - cmdstanpy - INFO - Chain [1] done processing
00:10:28 - cmdstanpy - INFO - Chain [1] start processing
00:10:28 - cmdstanpy - INFO - Chain [1] done processing
00:10:29 - cmdstanpy - INFO - Chain [1] start processing
00:10:29 - cmdstanpy - INFO - Chain [1] done processing
00:10:29 - cmdstanpy - INFO - Chain [1] start processing
00:10:29 - cmdstanpy - INFO - Chain [1] done processing
00:10:29 - cmdstanpy - INFO - Chain [1] start processing
00:10:29 - cmdstanpy - INFO - Chain [1] done processing
00:10:30 - cmdstanpy - INFO - Chain [1] start processing
00:10:30 - cmdstanpy - INFO - Chain [1] done processing
00:10:30 - cmdstanpy - INFO - Chain [1] start processing
00:10:30 - cmdstanpy - INFO - Chain [1] done processing
00:10:30 - cmdstanpy - INFO - Chain [1] start processing
00:10:31 - cmdstanpy - INFO - Chain [1] done processing
00:10:31 - cmdstanpy - INFO - Chain [1] start processing
00:10:31 - cmdstanpy - INFO - Chain [1] done processing
00:10:31 - cmdstanpy - INFO - Chain [1] start processing
00:10:31 - cmdstanpy - INFO - Chain [1] done processing
00:10:31 - cmdstanpy - INFO - Chain [1] start processing
00:10:32 - cmdstanpy - INFO - Chain [1] done processing
00:10:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:32 - cmdstanpy - INFO - Chain [1] start processing
00:10:32 - cmdstanpy - INFO - Chain [1] done processing
00:10:32 - cmdstanpy - INFO - Chain [1] start processing
00:10:32 - cmdstanpy - INFO - Chain [1] done processing
00:10:32 - cmdstanpy - INFO - Chain [1] start processing
00:10:33 - cmdstanpy - INFO - Chain [1] done processing
00:10:33 - cmdstanpy - INFO - Chain [1] start processing
00:10:33 - cmdstanpy - INFO - Chain [1] done processing
00:10:33 - cmdstanpy - INFO - Chain [1] start processing
00:10:33 - cmdstanpy - INFO - Chain [1] done processing
00:10:34 - cmdstanpy - INFO - Chain [1] start processing
00:10:34 - cmdstanpy - INFO - Chain [1] done processing
00:10:34 - cmdstanpy - INFO - Chain [1] start processing
00:10:34 - cmdstanpy - INFO - Chain [1] done processing
00:10:34 - cmdstanpy - INFO - Chain [1] start processing
00:10:34 - cmdstanpy - INFO - Chain [1] done processing
00:10:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:34 - cmdstanpy - INFO - Chain [1] start processing
00:10:35 - cmdstanpy - INFO - Chain [1] done processing
00:10:35 - cmdstanpy - INFO - Chain [1] start processing
00:10:35 - cmdstanpy - INFO - Chain [1] done processing
00:10:35 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:10:35 - cmdstanpy - INFO - Chain [1] done processing
00:10:36 - cmdstanpy - INFO - Chain [1] start processing
00:10:36 - cmdstanpy - INFO - Chain [1] done processing
00:10:36 - cmdstanpy - INFO - Chain [1] start processing
00:10:36 - cmdstanpy - INFO - Chain [1] done processing
00:10:36 - cmdstanpy - INFO - Chain [1] start processing
00:10:36 - cmdstanpy - INFO - Chain [1] done processing
00:10:36 - cmdstanpy - INFO - Chain [1] start processing
00:10:37 - cmdstanpy - INFO - Chain [1] done processing
00:10:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:37 - cmdstanpy - INFO - Chain [1] start processing
00:10:37 - cmdstanpy - INFO - Chain [1] done processing
00:10:37 - cmdstanpy - INFO - Chain [1] start processing
00:10:37 - cmdstanpy - INFO - Chain [1] done processing
00:10:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:37 - cmdstanpy - INFO - Chain [1] start processing
00:10:37 - cmdstanpy - INFO - Chain [1] done processing
00:10:38 - cmdstanpy - INFO - Chain [1] start processing
00:10:38 - cmdstanpy - INFO - Chain [1] done processing
00:10:38 - cmdstanpy - INFO - Chain [1] start processing
00:10:38 - cmdstanpy - INFO - Chain [1] done processing
00:10:38 - cmdstanpy - INFO - Chain [1] start processing
00:10:38 - cmdstanpy - INFO - Chain [1] done processing
00:10:39 - cmdstanpy - INFO - Chain [1] start processing
00:10:39 - cmdstanpy - INFO - Chain [1] done processing
00:10:39 - cmdstanpy - INFO - Chain [1] start processing
00:10:39 - cmdstanpy - INFO - Chain [1] done processing
00:10:39 - cmdstanpy - INFO - Chain [1] start processing
00:10:39 - cmdstanpy - INFO - Chain [1] done processing
00:10:39 - cmdstanpy - INFO - Chain [1] start processing
00:10:40 - cmdstanpy - INFO - Chain [1] done processing
00:10:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:40 - cmdstanpy - INFO - Chain [1] start processing
00:10:40 - cmdstanpy - INFO - Chain [1] done processing
00:10:40 - cmdstanpy - INFO - Chain [1] start processing
00:10:40 - cmdstanpy - INFO - Chain [1] done processing
00:10:40 - cmdstanpy - INFO - Chain [1] start processing
00:10:41 - cmdstanpy - INFO - Chain [1] done processing
00:10:41 - cmdstanpy - INFO - Chain [1] start processing
00:10:41 - cmdstanpy - INFO - Chain [1] done processing
00:10:41 - cmdstanpy - INFO - Chain [1] start processing
00:10:41 - cmdstanpy - INFO - Chain [1] done processing
00:10:41 - cmdstanpy - INFO - Chain [1] start processing
00:10:41 - cmdstanpy - INFO - Chain [1] done processing
00:10:42 - cmdstanpy - INFO - Chain [1] start processing
00:10:42 - cmdstanpy - INFO - Chain [1] done processing
00:10:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:42 - cmdstanpy - INFO - Chain [1] start processing
00:10:42 - cmdstanpy - INFO - Chain [1] done processing
00:10:42 - cmdstanpy - INFO - Chain [1] start processing
00:10:42 - cmdstanpy - INFO - Chain [1] done processing
00:10:43 - cmdstanpy - INFO - Chain [1] start processing
00:10:43 - cmdstanpy - INFO - Chain [1] done processing
00:10:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:43 - cmdstanpy - INFO - Chain [1] start processing
00:10:43 - cmdstanpy - INFO - Chain [1] done processing
00:10:43 - cmdstanpy - INFO - Chain [1] start processing
00:10:43 - cmdstanpy - INFO - Chain [1] done processing
00:10:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:10:43 - cmdstanpy - INFO - Chain [1] start processing
00:10:44 - cmdstanpy - INFO - Chain [1] done processing
00:10:44 - cmdstanpy - INFO - Chain [1] start processing
00:10:44 - cmdstanpy - INFO - Chain [1] done processing
00:10:44 - cmdstanpy - INFO - Chain [1] start processing
00:10:44 - cmdstanpy - INFO - Chain [1] done processing
00:10:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:44 - cmdstanpy - INFO - Chain [1] start processing
00:10:44 - cmdstanpy - INFO - Chain [1] done processing
00:10:45 - cmdstanpy - INFO - Chain [1] start processing
00:10:45 - cmdstanpy - INFO - Chain [1] done processing
00:10:45 - cmdstanpy - INFO - Chain [1] start processing
00:10:45 - cmdstanpy - INFO - Chain [1] done processing
00:10:45 - cmdstanpy - INFO - Chain [1] start processing
00:10:45 - cmdstanpy - INFO - Chain [1] done processing
00:10:46 - cmdstanpy - INFO - Chain [1] start processing
00:10:46 - cmdstanpy - INFO - Chain [1] done processing
00:10:46 - cmdstanpy - INFO - Chain [1] start processing
00:10:46 - cmdstanpy - INFO - Chain [1] done processing
00:10:46 - cmdstanpy - INFO - Chain [1] start processing
00:10:46 - cmdstanpy - INFO - Chain [1] done processing
00:10:47 - cmdstanpy - INFO - Chain [1] start processing
00:10:47 - cmdstanpy - INFO - Chain [1] done processing
00:10:47 - cmdstanpy - INFO - Chain [1] start processing
00:10:47 - cmdstanpy - INFO - Chain [1] done processing
00:10:47 - cmdstanpy - INFO - Chain [1] start processing
00:10:47 - cmdstanpy - INFO - Chain [1] done processing
00:10:48 - cmdstanpy - INFO - Chain [1] start processing
00:10:48 - cmdstanpy - INFO - Chain [1] done processing
00:10:48 - cmdstanpy - INFO - Chain [1] start processing
00:10:48 - cmdstanpy - INFO - Chain [1] done processing
00:10:48 - cmdstanpy - INFO - Chain [1] start processing
00:10:48 - cmdstanpy - INFO - Chain [1] done processing
00:10:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:48 - cmdstanpy - INFO - Chain [1] start processing
00:10:49 - cmdstanpy - INFO - Chain [1] done processing
00:10:49 - cmdstanpy - INFO - Chain [1] start processing
00:10:49 - cmdstanpy - INFO - Chain [1] done processing
00:10:49 - cmdstanpy - INFO - Chain [1] start processing
00:10:49 - cmdstanpy - INFO - Chain [1] done processing
00:10:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:49 - cmdstanpy - INFO - Chain [1] start processing
00:10:50 - cmdstanpy - INFO - Chain [1] done processing
00:10:50 - cmdstanpy - INFO - Chain [1] start processing
00:10:50 - cmdstanpy - INFO - Chain [1] done processing
00:10:50 - cmdstanpy - INFO - Chain [1] start processing
00:10:50 - cmdstanpy - INFO - Chain [1] done processing
00:10:51 - cmdstanpy - INFO - Chain [1] start processing
00:10:51 - cmdstanpy - INFO - Chain [1] done processing
00:10:51 - cmdstanpy - INFO - Chain [1] start processing
00:10:51 - cmdstanpy - INFO - Chain [1] done processing
00:10:51 - cmdstanpy - INFO - Chain [1] start processing
00:10:51 - cmdstanpy - INFO - Chain [1] done processing
00:10:52 - cmdstanpy - INFO - Chain [1] start processing
00:10:52 - cmdstanpy - INFO - Chain [1] done processing
00:10:52 - cmdstanpy - INFO - Chain [1] start processing
00:10:52 - cmdstanpy - INFO - Chain [1] done processing
00:10:52 - cmdstanpy - INFO - Chain [1] start processing
00:10:52 - cmdstanpy - INFO - Chain [1] done processing
00:10:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:10:53 - cmdstanpy - INFO - Chain [1] done processing
00:10:53 - cmdstanpy - INFO - Chain [1] start processing
00:10:53 - cmdstanpy - INFO - Chain [1] done processing
00:10:53 - cmdstanpy - INFO - Chain [1] start processing
00:10:53 - cmdstanpy - INFO - Chain [1] done processing
00:10:54 - cmdstanpy - INFO - Chain [1] start processing
00:10:54 - cmdstanpy - INFO - Chain [1] done processing
00:10:54 - cmdstanpy - INFO - Chain [1] start processing
00:10:54 - cmdstanpy - INFO - Chain [1] done processing
00:10:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:10:54 - cmdstanpy - INFO - Chain [1] start processing
00:10:54 - cmdstanpy - INFO - Chain [1] done processing
00:10:55 - cmdstanpy - INFO - Chain [1] start processing
00:10:55 - cmdstanpy - INFO - Chain [1] done processing
00:10:55 - cmdstanpy - INFO - Chain [1] start processing
00:10:55 - cmdstanpy - INFO - Chain [1] done processing
00:10:55 - cmdstanpy - INFO - Chain [1] start processing
00:10:56 - cmdstanpy - INFO - Chain [1] done processing
00:10:56 - cmdstanpy - INFO - Chain [1] start processing
00:10:56 - cmdstanpy - INFO - Chain [1] done processing
00:10:56 - cmdstanpy - INFO - Chain [1] start processing
00:10:56 - cmdstanpy - INFO - Chain [1] done processing
00:10:57 - cmdstanpy - INFO - Chain [1] start processing
00:10:57 - cmdstanpy - INFO - Chain [1] done processing
00:10:57 - cmdstanpy - INFO - Chain [1] start processing
00:10:57 - cmdstanpy - INFO - Chain [1] done processing
00:10:57 - cmdstanpy - INFO - Chain [1] start processing
00:10:57 - cmdstanpy - INFO - Chain [1] done processing
00:10:58 - cmdstanpy - INFO - Chain [1] start processing
00:10:58 - cmdstanpy - INFO - Chain [1] done processing
00:10:58 - cmdstanpy - INFO - Chain [1] start processing
00:10:58 - cmdstanpy - INFO - Chain [1] done processing
00:10:58 - cmdstanpy - INFO - Chain [1] start processing
00:10:58 - cmdstanpy - INFO - Chain [1] done processing
00:10:59 - cmdstanpy - INFO - Chain [1] start processing
00:10:59 - cmdstanpy - INFO - Chain [1] done processing
00:10:59 - cmdstanpy - INFO - Chain [1] start processing
00:10:59 - cmdstanpy - INFO - Chain [1] done processing
00:11:00 - cmdstanpy - INFO - Chain [1] start processing
00:11:00 - cmdstanpy - INFO - Chain [1] done processing
00:11:00 - cmdstanpy - INFO - Chain [1] start processing
00:11:00 - cmdstanpy - INFO - Chain [1] done processing
00:11:00 - cmdstanpy - INFO - Chain [1] start processing
00:11:00 - cmdstanpy - INFO - Chain [1] done processing
00:11:01 - cmdstanpy - INFO - Chain [1] start processing
00:11:01 - cmdstanpy - INFO - Chain [1] done processing
00:11:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:11:01 - cmdstanpy - INFO - Chain [1] start processing
00:11:01 - cmdstanpy - INFO - Chain [1] done processing
00:11:01 - cmdstanpy - INFO - Chain [1] start processing
00:11:01 - cmdstanpy - INFO - Chain [1] done processing
00:11:02 - cmdstanpy - INFO - Chain [1] start processing
00:11:02 - cmdstanpy - INFO - Chain [1] done processing
00:11:02 - cmdstanpy - INFO - Chain [1] start processing
00:11:02 - cmdstanpy - INFO - Chain [1] done processing
00:11:02 - cmdstanpy - INFO - Chain [1] start processing
00:11:02 - cmdstanpy - INFO - Chain [1] done processing
00:11:03 - cmdstanpy - INFO - Chain [1] start processing
00:11:03 - cmdstanpy - INFO - Chain [1] done processing
00:11:03 - cmdstanpy - INFO - Chain [1] start processing
00:11:03 - cmdstanpy - INFO - Chain [1] done processing
00:11:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:11:04 - cmdstanpy - INFO - Chain [1] done processing
00:11:04 - cmdstanpy - INFO - Chain [1] start processing
00:11:04 - cmdstanpy - INFO - Chain [1] done processing
00:11:05 - cmdstanpy - INFO - Chain [1] start processing
00:11:05 - cmdstanpy - INFO - Chain [1] done processing
00:11:05 - cmdstanpy - INFO - Chain [1] start processing
00:11:05 - cmdstanpy - INFO - Chain [1] done processing
00:11:06 - cmdstanpy - INFO - Chain [1] start processing
00:11:06 - cmdstanpy - INFO - Chain [1] done processing
00:11:06 - cmdstanpy - INFO - Chain [1] start processing
00:11:06 - cmdstanpy - INFO - Chain [1] done processing
00:11:06 - cmdstanpy - INFO - Chain [1] start processing
00:11:06 - cmdstanpy - INFO - Chain [1] done processing
00:11:07 - cmdstanpy - INFO - Chain [1] start processing
00:11:07 - cmdstanpy - INFO - Chain [1] done processing
00:11:07 - cmdstanpy - INFO - Chain [1] start processing
00:11:07 - cmdstanpy - INFO - Chain [1] done processing
00:11:08 - cmdstanpy - INFO - Chain [1] start processing
00:11:08 - cmdstanpy - INFO - Chain [1] done processing
00:11:08 - cmdstanpy - INFO - Chain [1] start processing
00:11:08 - cmdstanpy - INFO - Chain [1] done processing
00:11:09 - cmdstanpy - INFO - Chain [1] start processing
00:11:09 - cmdstanpy - INFO - Chain [1] done processing
00:11:09 - cmdstanpy - INFO - Chain [1] start processing
00:11:09 - cmdstanpy - INFO - Chain [1] done processing
00:11:09 - cmdstanpy - INFO - Chain [1] start processing
00:11:10 - cmdstanpy - INFO - Chain [1] done processing
00:11:10 - cmdstanpy - INFO - Chain [1] start processing
00:11:10 - cmdstanpy - INFO - Chain [1] done processing
00:11:11 - cmdstanpy - INFO - Chain [1] start processing
00:11:11 - cmdstanpy - INFO - Chain [1] done processing
00:11:11 - cmdstanpy - INFO - Chain [1] start processing
00:11:11 - cmdstanpy - INFO - Chain [1] done processing
00:11:11 - cmdstanpy - INFO - Chain [1] start processing
00:11:11 - cmdstanpy - INFO - Chain [1] done processing
00:11:12 - cmdstanpy - INFO - Chain [1] start processing
00:11:12 - cmdstanpy - INFO - Chain [1] done processing
00:11:12 - cmdstanpy - INFO - Chain [1] start processing
00:11:12 - cmdstanpy - INFO - Chain [1] done processing
00:11:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:11:12 - cmdstanpy - INFO - Chain [1] start processing
00:11:13 - cmdstanpy - INFO - Chain [1] done processing
00:11:13 - cmdstanpy - INFO - Chain [1] start processing
00:11:13 - cmdstanpy - INFO - Chain [1] done processing
00:11:14 - cmdstanpy - INFO - Chain [1] start processing
00:11:14 - cmdstanpy - INFO - Chain [1] done processing
00:11:14 - cmdstanpy - INFO - Chain [1] start processing
00:11:14 - cmdstanpy - INFO - Chain [1] done processing
00:11:15 - cmdstanpy - INFO - Chain [1] start processing
00:11:15 - cmdstanpy - INFO - Chain [1] done processing
00:11:15 - cmdstanpy - INFO - Chain [1] start processing
00:11:15 - cmdstanpy - INFO - Chain [1] done processing
00:11:16 - cmdstanpy - INFO - Chain [1] start processing
00:11:16 - cmdstanpy - INFO - Chain [1] done processing
00:11:16 - cmdstanpy - INFO - Chain [1] start processing
00:11:16 - cmdstanpy - INFO - Chain [1] done processing
00:11:16 - cmdstanpy - INFO - Chain [1] start processing
00:11:16 - cmdstanpy - INFO - Chain [1] done processing
00:11:17 - cmdstanpy - INFO - Chain [1] start processing
00:11:17 - cmdstanpy - INFO - Chain [1] done processing
00:11:17 - cmdstanpy - INFO - Chain [1] start processing
00:11:17 - cmdstanpy - INFO - Chain [1] done processing
00:11:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:11:18 - cmdstanpy - INFO - Chain [1] done processing
00:11:18 - cmdstanpy - INFO - Chain [1] start processing
00:11:18 - cmdstanpy - INFO - Chain [1] done processing
00:11:18 - cmdstanpy - INFO - Chain [1] start processing
00:11:18 - cmdstanpy - INFO - Chain [1] done processing
00:11:19 - cmdstanpy - INFO - Chain [1] start processing
00:11:19 - cmdstanpy - INFO - Chain [1] done processing
00:11:19 - cmdstanpy - INFO - Chain [1] start processing
00:11:19 - cmdstanpy - INFO - Chain [1] done processing
00:11:19 - cmdstanpy - INFO - Chain [1] start processing
00:11:19 - cmdstanpy - INFO - Chain [1] done processing
00:11:20 - cmdstanpy - INFO - Chain [1] start processing
00:11:20 - cmdstanpy - INFO - Chain [1] done processing
00:11:20 - cmdstanpy - INFO - Chain [1] start processing
00:11:20 - cmdstanpy - INFO - Chain [1] done processing
00:11:20 - cmdstanpy - INFO - Chain [1] start processing
00:11:20 - cmdstanpy - INFO - Chain [1] done processing
00:11:21 - cmdstanpy - INFO - Chain [1] start processing
00:11:21 - cmdstanpy - INFO - Chain [1] done processing
00:11:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:11:21 - cmdstanpy - INFO - Chain [1] start processing
00:11:21 - cmdstanpy - INFO - Chain [1] done processing
00:11:21 - cmdstanpy - INFO - Chain [1] start processing
00:11:21 - cmdstanpy - INFO - Chain [1] done processing
00:11:22 - cmdstanpy - INFO - Chain [1] start processing
00:11:22 - cmdstanpy - INFO - Chain [1] done processing
00:11:22 - cmdstanpy - INFO - Chain [1] start processing
00:11:22 - cmdstanpy - INFO - Chain [1] done processing
00:11:22 - cmdstanpy - INFO - Chain [1] start processing
00:11:22 - cmdstanpy - INFO - Chain [1] done processing
00:11:23 - cmdstanpy - INFO - Chain [1] start processing
00:11:23 - cmdstanpy - INFO - Chain [1] done processing
00:11:23 - cmdstanpy - INFO - Chain [1] start processing
00:11:23 - cmdstanpy - INFO - Chain [1] done processing
00:11:23 - cmdstanpy - INFO - Chain [1] start processing
00:11:23 - cmdstanpy - INFO - Chain [1] done processing
00:11:23 - cmdstanpy - INFO - Chain [1] start processing
00:11:24 - cmdstanpy - INFO - Chain [1] done processing
00:11:24 - cmdstanpy - INFO - Chain [1] start processing
00:11:24 - cmdstanpy - INFO - Chain [1] done processing
00:11:24 - cmdstanpy - INFO - Chain [1] start processing
00:11:24 - cmdstanpy - INFO - Chain [1] done processing
00:11:24 - cmdstanpy - INFO - Chain [1] start processing
00:11:24 - cmdstanpy - INFO - Chain [1] done processing
00:11:25 - cmdstanpy - INFO - Chain [1] start processing
00:11:25 - cmdstanpy - INFO - Chain [1] done processing
00:11:25 - cmdstanpy - INFO - Chain [1] start processing
00:11:25 - cmdstanpy - INFO - Chain [1] done processing
00:11:25 - cmdstanpy - INFO - Chain [1] start processing
00:11:25 - cmdstanpy - INFO - Chain [1] done processing
00:11:26 - cmdstanpy - INFO - Chain [1] start processing
00:11:26 - cmdstanpy - INFO - Chain [1] done processing
00:11:26 - cmdstanpy - INFO - Chain [1] start processing
00:11:26 - cmdstanpy - INFO - Chain [1] done processing
00:11:27 - cmdstanpy - INFO - Chain [1] start processing
00:11:27 - cmdstanpy - INFO - Chain [1] done processing
00:11:27 - cmdstanpy - INFO - Chain [1] start processing
00:11:27 - cmdstanpy - INFO - Chain [1] done processing
00:11:27 - cmdstanpy - INFO - Chain [1] start processing
00:11:27 - cmdstanpy - INFO - Chain [1] done processing
00:11:28 - cmdstanpy - INFO - Chain [1] start processing
00:11:28 - cmdstanpy - INFO - Chain [1] done processing
00:11:28 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:11:28 - cmdstanpy - INFO - Chain [1] done processing
00:11:29 - cmdstanpy - INFO - Chain [1] start processing
00:11:29 - cmdstanpy - INFO - Chain [1] done processing
00:11:29 - cmdstanpy - INFO - Chain [1] start processing
00:11:29 - cmdstanpy - INFO - Chain [1] done processing
00:11:29 - cmdstanpy - INFO - Chain [1] start processing
00:11:30 - cmdstanpy - INFO - Chain [1] done processing
00:11:30 - cmdstanpy - INFO - Chain [1] start processing
00:11:30 - cmdstanpy - INFO - Chain [1] done processing
00:11:30 - cmdstanpy - INFO - Chain [1] start processing
00:11:30 - cmdstanpy - INFO - Chain [1] done processing
00:11:31 - cmdstanpy - INFO - Chain [1] start processing
00:11:31 - cmdstanpy - INFO - Chain [1] done processing
00:11:31 - cmdstanpy - INFO - Chain [1] start processing
00:11:31 - cmdstanpy - INFO - Chain [1] done processing
00:11:31 - cmdstanpy - INFO - Chain [1] start processing
00:11:31 - cmdstanpy - INFO - Chain [1] done processing
00:11:32 - cmdstanpy - INFO - Chain [1] start processing
00:11:32 - cmdstanpy - INFO - Chain [1] done processing
00:11:32 - cmdstanpy - INFO - Chain [1] start processing
00:11:32 - cmdstanpy - INFO - Chain [1] done processing
00:11:32 - cmdstanpy - INFO - Chain [1] start processing
00:11:32 - cmdstanpy - INFO - Chain [1] done processing
00:11:33 - cmdstanpy - INFO - Chain [1] start processing
00:11:33 - cmdstanpy - INFO - Chain [1] done processing
00:11:33 - cmdstanpy - INFO - Chain [1] start processing
00:11:33 - cmdstanpy - INFO - Chain [1] done processing
00:11:33 - cmdstanpy - INFO - Chain [1] start processing
00:11:33 - cmdstanpy - INFO - Chain [1] done processing
00:11:34 - cmdstanpy - INFO - Chain [1] start processing
00:11:34 - cmdstanpy - INFO - Chain [1] done processing
00:11:34 - cmdstanpy - INFO - Chain [1] start processing
00:11:34 - cmdstanpy - INFO - Chain [1] done processing
00:11:34 - cmdstanpy - INFO - Chain [1] start processing
00:11:35 - cmdstanpy - INFO - Chain [1] done processing
00:11:35 - cmdstanpy - INFO - Chain [1] start processing
00:11:35 - cmdstanpy - INFO - Chain [1] done processing
00:11:35 - cmdstanpy - INFO - Chain [1] start processing
00:11:35 - cmdstanpy - INFO - Chain [1] done processing
00:11:36 - cmdstanpy - INFO - Chain [1] start processing
00:11:36 - cmdstanpy - INFO - Chain [1] done processing
00:11:36 - cmdstanpy - INFO - Chain [1] start processing
00:11:36 - cmdstanpy - INFO - Chain [1] done processing
00:11:37 - cmdstanpy - INFO - Chain [1] start processing
00:11:37 - cmdstanpy - INFO - Chain [1] done processing
00:11:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:11:37 - cmdstanpy - INFO - Chain [1] start processing
00:11:37 - cmdstanpy - INFO - Chain [1] done processing
00:11:38 - cmdstanpy - INFO - Chain [1] start processing
00:11:38 - cmdstanpy - INFO - Chain [1] done processing
00:11:38 - cmdstanpy - INFO - Chain [1] start processing
00:11:38 - cmdstanpy - INFO - Chain [1] done processing
00:11:39 - cmdstanpy - INFO - Chain [1] start processing
00:11:39 - cmdstanpy - INFO - Chain [1] done processing
00:11:39 - cmdstanpy - INFO - Chain [1] start processing
00:11:39 - cmdstanpy - INFO - Chain [1] done processing
00:11:40 - cmdstanpy - INFO - Chain [1] start processing
00:11:40 - cmdstanpy - INFO - Chain [1] done processing
00:11:41 - cmdstanpy - INFO - Chain [1] start processing
00:11:41 - cmdstanpy - INFO - Chain [1] done processing
00:11:41 - cmdstanpy - INFO - Chain [1] start processing
00:11:41 - cmdstanpy - INFO - Chain [1] done processing
00:11:41 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:11:41 - cmdstanpy - INFO - Chain [1] done processing
00:11:43 - cmdstanpy - INFO - Chain [1] start processing
00:11:43 - cmdstanpy - INFO - Chain [1] done processing
00:11:43 - cmdstanpy - INFO - Chain [1] start processing
00:11:43 - cmdstanpy - INFO - Chain [1] done processing
00:11:44 - cmdstanpy - INFO - Chain [1] start processing
00:11:44 - cmdstanpy - INFO - Chain [1] done processing
00:11:44 - cmdstanpy - INFO - Chain [1] start processing
00:11:44 - cmdstanpy - INFO - Chain [1] done processing
00:11:45 - cmdstanpy - INFO - Chain [1] start processing
00:11:45 - cmdstanpy - INFO - Chain [1] done processing
00:11:45 - cmdstanpy - INFO - Chain [1] start processing
00:11:46 - cmdstanpy - INFO - Chain [1] done processing
00:11:46 - cmdstanpy - INFO - Chain [1] start processing
00:11:46 - cmdstanpy - INFO - Chain [1] done processing
00:11:46 - cmdstanpy - INFO - Chain [1] start processing
00:11:46 - cmdstanpy - INFO - Chain [1] done processing
00:11:47 - cmdstanpy - INFO - Chain [1] start processing
00:11:47 - cmdstanpy - INFO - Chain [1] done processing
00:11:47 - cmdstanpy - INFO - Chain [1] start processing
00:11:47 - cmdstanpy - INFO - Chain [1] done processing
00:11:48 - cmdstanpy - INFO - Chain [1] start processing
00:11:48 - cmdstanpy - INFO - Chain [1] done processing
00:11:48 - cmdstanpy - INFO - Chain [1] start processing
00:11:48 - cmdstanpy - INFO - Chain [1] done processing
00:11:49 - cmdstanpy - INFO - Chain [1] start processing
00:11:49 - cmdstanpy - INFO - Chain [1] done processing
00:11:49 - cmdstanpy - INFO - Chain [1] start processing
00:11:49 - cmdstanpy - INFO - Chain [1] done processing
00:11:50 - cmdstanpy - INFO - Chain [1] start processing
00:11:50 - cmdstanpy - INFO - Chain [1] done processing
00:11:50 - cmdstanpy - INFO - Chain [1] start processing
00:11:50 - cmdstanpy - INFO - Chain [1] done processing
00:11:50 - cmdstanpy - INFO - Chain [1] start processing
00:11:51 - cmdstanpy - INFO - Chain [1] done processing
00:11:51 - cmdstanpy - INFO - Chain [1] start processing
00:11:51 - cmdstanpy - INFO - Chain [1] done processing
00:11:51 - cmdstanpy - INFO - Chain [1] start processing
00:11:51 - cmdstanpy - INFO - Chain [1] done processing
00:11:52 - cmdstanpy - INFO - Chain [1] start processing
00:11:52 - cmdstanpy - INFO - Chain [1] done processing
00:11:52 - cmdstanpy - INFO - Chain [1] start processing
00:11:52 - cmdstanpy - INFO - Chain [1] done processing
00:11:53 - cmdstanpy - INFO - Chain [1] start processing
00:11:53 - cmdstanpy - INFO - Chain [1] done processing
00:11:53 - cmdstanpy - INFO - Chain [1] start processing
00:11:53 - cmdstanpy - INFO - Chain [1] done processing
00:11:54 - cmdstanpy - INFO - Chain [1] start processing
00:11:54 - cmdstanpy - INFO - Chain [1] done processing
00:11:54 - cmdstanpy - INFO - Chain [1] start processing
00:11:54 - cmdstanpy - INFO - Chain [1] done processing
00:11:55 - cmdstanpy - INFO - Chain [1] start processing
00:11:55 - cmdstanpy - INFO - Chain [1] done processing
00:11:55 - cmdstanpy - INFO - Chain [1] start processing
00:11:56 - cmdstanpy - INFO - Chain [1] done processing
00:11:56 - cmdstanpy - INFO - Chain [1] start processing
00:11:56 - cmdstanpy - INFO - Chain [1] done processing
00:11:56 - cmdstanpy - INFO - Chain [1] start processing
00:11:57 - cmdstanpy - INFO - Chain [1] done processing
00:11:57 - cmdstanpy - INFO - Chain [1] start processing
00:11:57 - cmdstanpy - INFO - Chain [1] done processing
00:11:58 - cmdstanpy - INFO - Chain [1] start processing
00:11:58 - cmdstanpy - INFO - Chain [1] done processing
00:11:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:11:58 - cmdstanpy - INFO - Chain [1] done processing
00:11:59 - cmdstanpy - INFO - Chain [1] start processing
00:11:59 - cmdstanpy - INFO - Chain [1] done processing
00:11:59 - cmdstanpy - INFO - Chain [1] start processing
00:11:59 - cmdstanpy - INFO - Chain [1] done processing
00:11:59 - cmdstanpy - INFO - Chain [1] start processing
00:11:59 - cmdstanpy - INFO - Chain [1] done processing
00:12:00 - cmdstanpy - INFO - Chain [1] start processing
00:12:00 - cmdstanpy - INFO - Chain [1] done processing
00:12:00 - cmdstanpy - INFO - Chain [1] start processing
00:12:00 - cmdstanpy - INFO - Chain [1] done processing
00:12:01 - cmdstanpy - INFO - Chain [1] start processing
00:12:01 - cmdstanpy - INFO - Chain [1] done processing
00:12:01 - cmdstanpy - INFO - Chain [1] start processing
00:12:01 - cmdstanpy - INFO - Chain [1] done processing
00:12:01 - cmdstanpy - INFO - Chain [1] start processing
00:12:01 - cmdstanpy - INFO - Chain [1] done processing
00:12:02 - cmdstanpy - INFO - Chain [1] start processing
00:12:02 - cmdstanpy - INFO - Chain [1] done processing
00:12:02 - cmdstanpy - INFO - Chain [1] start processing
00:12:02 - cmdstanpy - INFO - Chain [1] done processing
00:12:02 - cmdstanpy - INFO - Chain [1] start processing
00:12:02 - cmdstanpy - INFO - Chain [1] done processing
00:12:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:02 - cmdstanpy - INFO - Chain [1] start processing
00:12:02 - cmdstanpy - INFO - Chain [1] done processing
00:12:03 - cmdstanpy - INFO - Chain [1] start processing
00:12:03 - cmdstanpy - INFO - Chain [1] done processing
00:12:03 - cmdstanpy - INFO - Chain [1] start processing
00:12:03 - cmdstanpy - INFO - Chain [1] done processing
00:12:03 - cmdstanpy - INFO - Chain [1] start processing
00:12:03 - cmdstanpy - INFO - Chain [1] done processing
00:12:04 - cmdstanpy - INFO - Chain [1] start processing
00:12:04 - cmdstanpy - INFO - Chain [1] done processing
00:12:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:04 - cmdstanpy - INFO - Chain [1] start processing
00:12:04 - cmdstanpy - INFO - Chain [1] done processing
00:12:04 - cmdstanpy - INFO - Chain [1] start processing
00:12:04 - cmdstanpy - INFO - Chain [1] done processing
00:12:05 - cmdstanpy - INFO - Chain [1] start processing
00:12:05 - cmdstanpy - INFO - Chain [1] done processing
00:12:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:05 - cmdstanpy - INFO - Chain [1] start processing
00:12:05 - cmdstanpy - INFO - Chain [1] done processing
00:12:05 - cmdstanpy - INFO - Chain [1] start processing
00:12:05 - cmdstanpy - INFO - Chain [1] done processing
00:12:06 - cmdstanpy - INFO - Chain [1] start processing
00:12:06 - cmdstanpy - INFO - Chain [1] done processing
00:12:06 - cmdstanpy - INFO - Chain [1] start processing
00:12:06 - cmdstanpy - INFO - Chain [1] done processing
00:12:07 - cmdstanpy - INFO - Chain [1] start processing
00:12:07 - cmdstanpy - INFO - Chain [1] done processing
00:12:07 - cmdstanpy - INFO - Chain [1] start processing
00:12:07 - cmdstanpy - INFO - Chain [1] done processing
00:12:07 - cmdstanpy - INFO - Chain [1] start processing
00:12:07 - cmdstanpy - INFO - Chain [1] done processing
00:12:08 - cmdstanpy - INFO - Chain [1] start processing
00:12:08 - cmdstanpy - INFO - Chain [1] done processing
00:12:08 - cmdstanpy - INFO - Chain [1] start processing
00:12:08 - cmdstanpy - INFO - Chain [1] done processing
00:12:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:12:08 - cmdstanpy - INFO - Chain [1] done processing
00:12:09 - cmdstanpy - INFO - Chain [1] start processing
00:12:09 - cmdstanpy - INFO - Chain [1] done processing
00:12:09 - cmdstanpy - INFO - Chain [1] start processing
00:12:09 - cmdstanpy - INFO - Chain [1] done processing
00:12:09 - cmdstanpy - INFO - Chain [1] start processing
00:12:09 - cmdstanpy - INFO - Chain [1] done processing
00:12:10 - cmdstanpy - INFO - Chain [1] start processing
00:12:10 - cmdstanpy - INFO - Chain [1] done processing
00:12:10 - cmdstanpy - INFO - Chain [1] start processing
00:12:10 - cmdstanpy - INFO - Chain [1] done processing
00:12:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:10 - cmdstanpy - INFO - Chain [1] start processing
00:12:10 - cmdstanpy - INFO - Chain [1] done processing
00:12:11 - cmdstanpy - INFO - Chain [1] start processing
00:12:11 - cmdstanpy - INFO - Chain [1] done processing
00:12:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:11 - cmdstanpy - INFO - Chain [1] start processing
00:12:11 - cmdstanpy - INFO - Chain [1] done processing
00:12:11 - cmdstanpy - INFO - Chain [1] start processing
00:12:11 - cmdstanpy - INFO - Chain [1] done processing
00:12:11 - cmdstanpy - INFO - Chain [1] start processing
00:12:11 - cmdstanpy - INFO - Chain [1] done processing
00:12:12 - cmdstanpy - INFO - Chain [1] start processing
00:12:12 - cmdstanpy - INFO - Chain [1] done processing
00:12:12 - cmdstanpy - INFO - Chain [1] start processing
00:12:12 - cmdstanpy - INFO - Chain [1] done processing
00:12:12 - cmdstanpy - INFO - Chain [1] start processing
00:12:12 - cmdstanpy - INFO - Chain [1] done processing
00:12:13 - cmdstanpy - INFO - Chain [1] start processing
00:12:13 - cmdstanpy - INFO - Chain [1] done processing
00:12:13 - cmdstanpy - INFO - Chain [1] start processing
00:12:13 - cmdstanpy - INFO - Chain [1] done processing
00:12:13 - cmdstanpy - INFO - Chain [1] start processing
00:12:13 - cmdstanpy - INFO - Chain [1] done processing
00:12:14 - cmdstanpy - INFO - Chain [1] start processing
00:12:14 - cmdstanpy - INFO - Chain [1] done processing
00:12:14 - cmdstanpy - INFO - Chain [1] start processing
00:12:14 - cmdstanpy - INFO - Chain [1] done processing
00:12:14 - cmdstanpy - INFO - Chain [1] start processing
00:12:14 - cmdstanpy - INFO - Chain [1] done processing
00:12:15 - cmdstanpy - INFO - Chain [1] start processing
00:12:15 - cmdstanpy - INFO - Chain [1] done processing
00:12:15 - cmdstanpy - INFO - Chain [1] start processing
00:12:15 - cmdstanpy - INFO - Chain [1] done processing
00:12:15 - cmdstanpy - INFO - Chain [1] start processing
00:12:15 - cmdstanpy - INFO - Chain [1] done processing
00:12:16 - cmdstanpy - INFO - Chain [1] start processing
00:12:16 - cmdstanpy - INFO - Chain [1] done processing
00:12:16 - cmdstanpy - INFO - Chain [1] start processing
00:12:16 - cmdstanpy - INFO - Chain [1] done processing
00:12:16 - cmdstanpy - INFO - Chain [1] start processing
00:12:16 - cmdstanpy - INFO - Chain [1] done processing
00:12:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:16 - cmdstanpy - INFO - Chain [1] start processing
00:12:16 - cmdstanpy - INFO - Chain [1] done processing
00:12:17 - cmdstanpy - INFO - Chain [1] start processing
00:12:17 - cmdstanpy - INFO - Chain [1] done processing
00:12:17 - cmdstanpy - INFO - Chain [1] start processing
00:12:17 - cmdstanpy - INFO - Chain [1] done processing
00:12:17 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:12:17 - cmdstanpy - INFO - Chain [1] done processing
00:12:18 - cmdstanpy - INFO - Chain [1] start processing
00:12:18 - cmdstanpy - INFO - Chain [1] done processing
00:12:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:18 - cmdstanpy - INFO - Chain [1] start processing
00:12:18 - cmdstanpy - INFO - Chain [1] done processing
00:12:19 - cmdstanpy - INFO - Chain [1] start processing
00:12:19 - cmdstanpy - INFO - Chain [1] done processing
00:12:19 - cmdstanpy - INFO - Chain [1] start processing
00:12:19 - cmdstanpy - INFO - Chain [1] done processing
00:12:19 - cmdstanpy - INFO - Chain [1] start processing
00:12:19 - cmdstanpy - INFO - Chain [1] done processing
00:12:20 - cmdstanpy - INFO - Chain [1] start processing
00:12:20 - cmdstanpy - INFO - Chain [1] done processing
00:12:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:20 - cmdstanpy - INFO - Chain [1] start processing
00:12:20 - cmdstanpy - INFO - Chain [1] done processing
00:12:20 - cmdstanpy - INFO - Chain [1] start processing
00:12:20 - cmdstanpy - INFO - Chain [1] done processing
00:12:21 - cmdstanpy - INFO - Chain [1] start processing
00:12:21 - cmdstanpy - INFO - Chain [1] done processing
00:12:21 - cmdstanpy - INFO - Chain [1] start processing
00:12:21 - cmdstanpy - INFO - Chain [1] done processing
00:12:21 - cmdstanpy - INFO - Chain [1] start processing
00:12:21 - cmdstanpy - INFO - Chain [1] done processing
00:12:22 - cmdstanpy - INFO - Chain [1] start processing
00:12:22 - cmdstanpy - INFO - Chain [1] done processing
00:12:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:22 - cmdstanpy - INFO - Chain [1] start processing
00:12:22 - cmdstanpy - INFO - Chain [1] done processing
00:12:22 - cmdstanpy - INFO - Chain [1] start processing
00:12:22 - cmdstanpy - INFO - Chain [1] done processing
00:12:22 - cmdstanpy - INFO - Chain [1] start processing
00:12:22 - cmdstanpy - INFO - Chain [1] done processing
00:12:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:22 - cmdstanpy - INFO - Chain [1] start processing
00:12:23 - cmdstanpy - INFO - Chain [1] done processing
00:12:23 - cmdstanpy - INFO - Chain [1] start processing
00:12:23 - cmdstanpy - INFO - Chain [1] done processing
00:12:23 - cmdstanpy - INFO - Chain [1] start processing
00:12:23 - cmdstanpy - INFO - Chain [1] done processing
00:12:24 - cmdstanpy - INFO - Chain [1] start processing
00:12:24 - cmdstanpy - INFO - Chain [1] done processing
00:12:24 - cmdstanpy - INFO - Chain [1] start processing
00:12:24 - cmdstanpy - INFO - Chain [1] done processing
00:12:24 - cmdstanpy - INFO - Chain [1] start processing
00:12:24 - cmdstanpy - INFO - Chain [1] done processing
00:12:25 - cmdstanpy - INFO - Chain [1] start processing
00:12:25 - cmdstanpy - INFO - Chain [1] done processing
00:12:25 - cmdstanpy - INFO - Chain [1] start processing
00:12:25 - cmdstanpy - INFO - Chain [1] done processing
00:12:25 - cmdstanpy - INFO - Chain [1] start processing
00:12:25 - cmdstanpy - INFO - Chain [1] done processing
00:12:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:25 - cmdstanpy - INFO - Chain [1] start processing
00:12:26 - cmdstanpy - INFO - Chain [1] done processing
00:12:26 - cmdstanpy - INFO - Chain [1] start processing
00:12:26 - cmdstanpy - INFO - Chain [1] done processing
00:12:26 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:12:26 - cmdstanpy - INFO - Chain [1] done processing
00:12:26 - cmdstanpy - INFO - Chain [1] start processing
00:12:26 - cmdstanpy - INFO - Chain [1] done processing
00:12:27 - cmdstanpy - INFO - Chain [1] start processing
00:12:27 - cmdstanpy - INFO - Chain [1] done processing
00:12:27 - cmdstanpy - INFO - Chain [1] start processing
00:12:27 - cmdstanpy - INFO - Chain [1] done processing
00:12:27 - cmdstanpy - INFO - Chain [1] start processing
00:12:27 - cmdstanpy - INFO - Chain [1] done processing
00:12:28 - cmdstanpy - INFO - Chain [1] start processing
00:12:28 - cmdstanpy - INFO - Chain [1] done processing
00:12:28 - cmdstanpy - INFO - Chain [1] start processing
00:12:28 - cmdstanpy - INFO - Chain [1] done processing
00:12:28 - cmdstanpy - INFO - Chain [1] start processing
00:12:28 - cmdstanpy - INFO - Chain [1] done processing
00:12:29 - cmdstanpy - INFO - Chain [1] start processing
00:12:29 - cmdstanpy - INFO - Chain [1] done processing
00:12:29 - cmdstanpy - INFO - Chain [1] start processing
00:12:29 - cmdstanpy - INFO - Chain [1] done processing
00:12:30 - cmdstanpy - INFO - Chain [1] start processing
00:12:30 - cmdstanpy - INFO - Chain [1] done processing
00:12:30 - cmdstanpy - INFO - Chain [1] start processing
00:12:30 - cmdstanpy - INFO - Chain [1] done processing
00:12:30 - cmdstanpy - INFO - Chain [1] start processing
00:12:30 - cmdstanpy - INFO - Chain [1] done processing
00:12:31 - cmdstanpy - INFO - Chain [1] start processing
00:12:31 - cmdstanpy - INFO - Chain [1] done processing
00:12:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:31 - cmdstanpy - INFO - Chain [1] start processing
00:12:31 - cmdstanpy - INFO - Chain [1] done processing
00:12:31 - cmdstanpy - INFO - Chain [1] start processing
00:12:31 - cmdstanpy - INFO - Chain [1] done processing
00:12:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:31 - cmdstanpy - INFO - Chain [1] start processing
00:12:32 - cmdstanpy - INFO - Chain [1] done processing
00:12:32 - cmdstanpy - INFO - Chain [1] start processing
00:12:32 - cmdstanpy - INFO - Chain [1] done processing
00:12:32 - cmdstanpy - INFO - Chain [1] start processing
00:12:32 - cmdstanpy - INFO - Chain [1] done processing
00:12:33 - cmdstanpy - INFO - Chain [1] start processing
00:12:33 - cmdstanpy - INFO - Chain [1] done processing
00:12:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:33 - cmdstanpy - INFO - Chain [1] start processing
00:12:33 - cmdstanpy - INFO - Chain [1] done processing
00:12:33 - cmdstanpy - INFO - Chain [1] start processing
00:12:34 - cmdstanpy - INFO - Chain [1] done processing
00:12:34 - cmdstanpy - INFO - Chain [1] start processing
00:12:34 - cmdstanpy - INFO - Chain [1] done processing
00:12:34 - cmdstanpy - INFO - Chain [1] start processing
00:12:34 - cmdstanpy - INFO - Chain [1] done processing
00:12:34 - cmdstanpy - INFO - Chain [1] start processing
00:12:35 - cmdstanpy - INFO - Chain [1] done processing
00:12:35 - cmdstanpy - INFO - Chain [1] start processing
00:12:35 - cmdstanpy - INFO - Chain [1] done processing
00:12:35 - cmdstanpy - INFO - Chain [1] start processing
00:12:35 - cmdstanpy - INFO - Chain [1] done processing
00:12:35 - cmdstanpy - INFO - Chain [1] start processing
00:12:36 - cmdstanpy - INFO - Chain [1] done processing
00:12:36 - cmdstanpy - INFO - Chain [1] start processing
00:12:36 - cmdstanpy - INFO - Chain [1] done processing
00:12:36 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:12:36 - cmdstanpy - INFO - Chain [1] done processing
00:12:37 - cmdstanpy - INFO - Chain [1] start processing
00:12:37 - cmdstanpy - INFO - Chain [1] done processing
00:12:37 - cmdstanpy - INFO - Chain [1] start processing
00:12:37 - cmdstanpy - INFO - Chain [1] done processing
00:12:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:37 - cmdstanpy - INFO - Chain [1] start processing
00:12:37 - cmdstanpy - INFO - Chain [1] done processing
00:12:38 - cmdstanpy - INFO - Chain [1] start processing
00:12:38 - cmdstanpy - INFO - Chain [1] done processing
00:12:38 - cmdstanpy - INFO - Chain [1] start processing
00:12:38 - cmdstanpy - INFO - Chain [1] done processing
00:12:39 - cmdstanpy - INFO - Chain [1] start processing
00:12:39 - cmdstanpy - INFO - Chain [1] done processing
00:12:39 - cmdstanpy - INFO - Chain [1] start processing
00:12:39 - cmdstanpy - INFO - Chain [1] done processing
00:12:40 - cmdstanpy - INFO - Chain [1] start processing
00:12:40 - cmdstanpy - INFO - Chain [1] done processing
00:12:40 - cmdstanpy - INFO - Chain [1] start processing
00:12:40 - cmdstanpy - INFO - Chain [1] done processing
00:12:40 - cmdstanpy - INFO - Chain [1] start processing
00:12:40 - cmdstanpy - INFO - Chain [1] done processing
00:12:41 - cmdstanpy - INFO - Chain [1] start processing
00:12:41 - cmdstanpy - INFO - Chain [1] done processing
00:12:41 - cmdstanpy - INFO - Chain [1] start processing
00:12:41 - cmdstanpy - INFO - Chain [1] done processing
00:12:41 - cmdstanpy - INFO - Chain [1] start processing
00:12:41 - cmdstanpy - INFO - Chain [1] done processing
00:12:41 - cmdstanpy - INFO - Chain [1] start processing
00:12:42 - cmdstanpy - INFO - Chain [1] done processing
00:12:42 - cmdstanpy - INFO - Chain [1] start processing
00:12:42 - cmdstanpy - INFO - Chain [1] done processing
00:12:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:42 - cmdstanpy - INFO - Chain [1] start processing
00:12:42 - cmdstanpy - INFO - Chain [1] done processing
00:12:43 - cmdstanpy - INFO - Chain [1] start processing
00:12:43 - cmdstanpy - INFO - Chain [1] done processing
00:12:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:12:43 - cmdstanpy - INFO - Chain [1] start processing
00:12:43 - cmdstanpy - INFO - Chain [1] done processing
00:12:43 - cmdstanpy - INFO - Chain [1] start processing
00:12:43 - cmdstanpy - INFO - Chain [1] done processing
00:12:44 - cmdstanpy - INFO - Chain [1] start processing
00:12:44 - cmdstanpy - INFO - Chain [1] done processing
00:12:44 - cmdstanpy - INFO - Chain [1] start processing
00:12:44 - cmdstanpy - INFO - Chain [1] done processing
00:12:44 - cmdstanpy - INFO - Chain [1] start processing
00:12:44 - cmdstanpy - INFO - Chain [1] done processing
00:12:45 - cmdstanpy - INFO - Chain [1] start processing
00:12:45 - cmdstanpy - INFO - Chain [1] done processing
00:12:45 - cmdstanpy - INFO - Chain [1] start processing
00:12:45 - cmdstanpy - INFO - Chain [1] done processing
00:12:45 - cmdstanpy - INFO - Chain [1] start processing
00:12:45 - cmdstanpy - INFO - Chain [1] done processing
00:12:46 - cmdstanpy - INFO - Chain [1] start processing
00:12:46 - cmdstanpy - INFO - Chain [1] done processing
00:12:46 - cmdstanpy - INFO - Chain [1] start processing
00:12:46 - cmdstanpy - INFO - Chain [1] done processing
00:12:46 - cmdstanpy - INFO - Chain [1] start processing
00:12:46 - cmdstanpy - INFO - Chain [1] done processing
00:12:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:12:47 - cmdstanpy - INFO - Chain [1] done processing
00:12:47 - cmdstanpy - INFO - Chain [1] start processing
00:12:47 - cmdstanpy - INFO - Chain [1] done processing
00:12:47 - cmdstanpy - INFO - Chain [1] start processing
00:12:48 - cmdstanpy - INFO - Chain [1] done processing
00:12:48 - cmdstanpy - INFO - Chain [1] start processing
00:12:48 - cmdstanpy - INFO - Chain [1] done processing
00:12:49 - cmdstanpy - INFO - Chain [1] start processing
00:12:49 - cmdstanpy - INFO - Chain [1] done processing
00:12:49 - cmdstanpy - INFO - Chain [1] start processing
00:12:49 - cmdstanpy - INFO - Chain [1] done processing
00:12:49 - cmdstanpy - INFO - Chain [1] start processing
00:12:50 - cmdstanpy - INFO - Chain [1] done processing
00:12:50 - cmdstanpy - INFO - Chain [1] start processing
00:12:50 - cmdstanpy - INFO - Chain [1] done processing
00:12:51 - cmdstanpy - INFO - Chain [1] start processing
00:12:51 - cmdstanpy - INFO - Chain [1] done processing
00:12:51 - cmdstanpy - INFO - Chain [1] start processing
00:12:51 - cmdstanpy - INFO - Chain [1] done processing
00:12:52 - cmdstanpy - INFO - Chain [1] start processing
00:12:52 - cmdstanpy - INFO - Chain [1] done processing
00:12:52 - cmdstanpy - INFO - Chain [1] start processing
00:12:52 - cmdstanpy - INFO - Chain [1] done processing
00:12:53 - cmdstanpy - INFO - Chain [1] start processing
00:12:53 - cmdstanpy - INFO - Chain [1] done processing
00:12:53 - cmdstanpy - INFO - Chain [1] start processing
00:12:53 - cmdstanpy - INFO - Chain [1] done processing
00:12:54 - cmdstanpy - INFO - Chain [1] start processing
00:12:54 - cmdstanpy - INFO - Chain [1] done processing
00:12:54 - cmdstanpy - INFO - Chain [1] start processing
00:12:54 - cmdstanpy - INFO - Chain [1] done processing
00:12:54 - cmdstanpy - INFO - Chain [1] start processing
00:12:54 - cmdstanpy - INFO - Chain [1] done processing
00:12:55 - cmdstanpy - INFO - Chain [1] start processing
00:12:55 - cmdstanpy - INFO - Chain [1] done processing
00:12:55 - cmdstanpy - INFO - Chain [1] start processing
00:12:55 - cmdstanpy - INFO - Chain [1] done processing
00:12:56 - cmdstanpy - INFO - Chain [1] start processing
00:12:56 - cmdstanpy - INFO - Chain [1] done processing
00:12:56 - cmdstanpy - INFO - Chain [1] start processing
00:12:56 - cmdstanpy - INFO - Chain [1] done processing
00:12:57 - cmdstanpy - INFO - Chain [1] start processing
00:12:57 - cmdstanpy - INFO - Chain [1] done processing
00:12:57 - cmdstanpy - INFO - Chain [1] start processing
00:12:57 - cmdstanpy - INFO - Chain [1] done processing
00:12:57 - cmdstanpy - INFO - Chain [1] start processing
00:12:57 - cmdstanpy - INFO - Chain [1] done processing
00:12:58 - cmdstanpy - INFO - Chain [1] start processing
00:12:58 - cmdstanpy - INFO - Chain [1] done processing
00:12:58 - cmdstanpy - INFO - Chain [1] start processing
00:12:58 - cmdstanpy - INFO - Chain [1] done processing
00:12:59 - cmdstanpy - INFO - Chain [1] start processing
00:12:59 - cmdstanpy - INFO - Chain [1] done processing
00:12:59 - cmdstanpy - INFO - Chain [1] start processing
00:12:59 - cmdstanpy - INFO - Chain [1] done processing
00:12:59 - cmdstanpy - INFO - Chain [1] start processing
00:12:59 - cmdstanpy - INFO - Chain [1] done processing
00:13:00 - cmdstanpy - INFO - Chain [1] start processing
00:13:00 - cmdstanpy - INFO - Chain [1] done processing
00:13:01 - cmdstanpy - INFO - Chain [1] start processing
00:13:01 - cmdstanpy - INFO - Chain [1] done processing
00:13:01 - cmdstanpy - INFO - Chain [1] start processing
00:13:01 - cmdstanpy - INFO - Chain [1] done processing
00:13:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:13:01 - cmdstanpy - INFO - Chain [1] done processing
00:13:02 - cmdstanpy - INFO - Chain [1] start processing
00:13:02 - cmdstanpy - INFO - Chain [1] done processing
00:13:03 - cmdstanpy - INFO - Chain [1] start processing
00:13:03 - cmdstanpy - INFO - Chain [1] done processing
00:13:03 - cmdstanpy - INFO - Chain [1] start processing
00:13:03 - cmdstanpy - INFO - Chain [1] done processing
00:13:04 - cmdstanpy - INFO - Chain [1] start processing
00:13:04 - cmdstanpy - INFO - Chain [1] done processing
00:13:04 - cmdstanpy - INFO - Chain [1] start processing
00:13:04 - cmdstanpy - INFO - Chain [1] done processing
00:13:05 - cmdstanpy - INFO - Chain [1] start processing
00:13:05 - cmdstanpy - INFO - Chain [1] done processing
00:13:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:05 - cmdstanpy - INFO - Chain [1] start processing
00:13:05 - cmdstanpy - INFO - Chain [1] done processing
00:13:05 - cmdstanpy - INFO - Chain [1] start processing
00:13:05 - cmdstanpy - INFO - Chain [1] done processing
00:13:06 - cmdstanpy - INFO - Chain [1] start processing
00:13:06 - cmdstanpy - INFO - Chain [1] done processing
00:13:06 - cmdstanpy - INFO - Chain [1] start processing
00:13:06 - cmdstanpy - INFO - Chain [1] done processing
00:13:07 - cmdstanpy - INFO - Chain [1] start processing
00:13:07 - cmdstanpy - INFO - Chain [1] done processing
00:13:07 - cmdstanpy - INFO - Chain [1] start processing
00:13:07 - cmdstanpy - INFO - Chain [1] done processing
00:13:07 - cmdstanpy - INFO - Chain [1] start processing
00:13:08 - cmdstanpy - INFO - Chain [1] done processing
00:13:08 - cmdstanpy - INFO - Chain [1] start processing
00:13:08 - cmdstanpy - INFO - Chain [1] done processing
00:13:08 - cmdstanpy - INFO - Chain [1] start processing
00:13:08 - cmdstanpy - INFO - Chain [1] done processing
00:13:09 - cmdstanpy - INFO - Chain [1] start processing
00:13:09 - cmdstanpy - INFO - Chain [1] done processing
00:13:09 - cmdstanpy - INFO - Chain [1] start processing
00:13:09 - cmdstanpy - INFO - Chain [1] done processing
00:13:09 - cmdstanpy - INFO - Chain [1] start processing
00:13:09 - cmdstanpy - INFO - Chain [1] done processing
00:13:10 - cmdstanpy - INFO - Chain [1] start processing
00:13:10 - cmdstanpy - INFO - Chain [1] done processing
00:13:10 - cmdstanpy - INFO - Chain [1] start processing
00:13:10 - cmdstanpy - INFO - Chain [1] done processing
00:13:10 - cmdstanpy - INFO - Chain [1] start processing
00:13:10 - cmdstanpy - INFO - Chain [1] done processing
00:13:11 - cmdstanpy - INFO - Chain [1] start processing
00:13:11 - cmdstanpy - INFO - Chain [1] done processing
00:13:11 - cmdstanpy - INFO - Chain [1] start processing
00:13:11 - cmdstanpy - INFO - Chain [1] done processing
00:13:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:11 - cmdstanpy - INFO - Chain [1] start processing
00:13:11 - cmdstanpy - INFO - Chain [1] done processing
00:13:12 - cmdstanpy - INFO - Chain [1] start processing
00:13:12 - cmdstanpy - INFO - Chain [1] done processing
00:13:12 - cmdstanpy - INFO - Chain [1] start processing
00:13:12 - cmdstanpy - INFO - Chain [1] done processing
00:13:12 - cmdstanpy - INFO - Chain [1] start processing
00:13:13 - cmdstanpy - INFO - Chain [1] done processing
00:13:13 - cmdstanpy - INFO - Chain [1] start processing
00:13:13 - cmdstanpy - INFO - Chain [1] done processing
00:13:13 - cmdstanpy - INFO - Chain [1] start processing
00:13:13 - cmdstanpy - INFO - Chain [1] done processing
00:13:14 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:13:14 - cmdstanpy - INFO - Chain [1] done processing
00:13:14 - cmdstanpy - INFO - Chain [1] start processing
00:13:14 - cmdstanpy - INFO - Chain [1] done processing
00:13:14 - cmdstanpy - INFO - Chain [1] start processing
00:13:14 - cmdstanpy - INFO - Chain [1] done processing
00:13:15 - cmdstanpy - INFO - Chain [1] start processing
00:13:15 - cmdstanpy - INFO - Chain [1] done processing
00:13:15 - cmdstanpy - INFO - Chain [1] start processing
00:13:15 - cmdstanpy - INFO - Chain [1] done processing
00:13:15 - cmdstanpy - INFO - Chain [1] start processing
00:13:15 - cmdstanpy - INFO - Chain [1] done processing
00:13:16 - cmdstanpy - INFO - Chain [1] start processing
00:13:16 - cmdstanpy - INFO - Chain [1] done processing
00:13:16 - cmdstanpy - INFO - Chain [1] start processing
00:13:16 - cmdstanpy - INFO - Chain [1] done processing
00:13:16 - cmdstanpy - INFO - Chain [1] start processing
00:13:17 - cmdstanpy - INFO - Chain [1] done processing
00:13:17 - cmdstanpy - INFO - Chain [1] start processing
00:13:17 - cmdstanpy - INFO - Chain [1] done processing
00:13:17 - cmdstanpy - INFO - Chain [1] start processing
00:13:17 - cmdstanpy - INFO - Chain [1] done processing
00:13:17 - cmdstanpy - INFO - Chain [1] start processing
00:13:18 - cmdstanpy - INFO - Chain [1] done processing
00:13:18 - cmdstanpy - INFO - Chain [1] start processing
00:13:18 - cmdstanpy - INFO - Chain [1] done processing
00:13:18 - cmdstanpy - INFO - Chain [1] start processing
00:13:18 - cmdstanpy - INFO - Chain [1] done processing
00:13:19 - cmdstanpy - INFO - Chain [1] start processing
00:13:19 - cmdstanpy - INFO - Chain [1] done processing
00:13:19 - cmdstanpy - INFO - Chain [1] start processing
00:13:19 - cmdstanpy - INFO - Chain [1] done processing
00:13:19 - cmdstanpy - INFO - Chain [1] start processing
00:13:19 - cmdstanpy - INFO - Chain [1] done processing
00:13:20 - cmdstanpy - INFO - Chain [1] start processing
00:13:20 - cmdstanpy - INFO - Chain [1] done processing
00:13:20 - cmdstanpy - INFO - Chain [1] start processing
00:13:20 - cmdstanpy - INFO - Chain [1] done processing
00:13:20 - cmdstanpy - INFO - Chain [1] start processing
00:13:20 - cmdstanpy - INFO - Chain [1] done processing
00:13:21 - cmdstanpy - INFO - Chain [1] start processing
00:13:21 - cmdstanpy - INFO - Chain [1] done processing
00:13:21 - cmdstanpy - INFO - Chain [1] start processing
00:13:21 - cmdstanpy - INFO - Chain [1] done processing
00:13:22 - cmdstanpy - INFO - Chain [1] start processing
00:13:22 - cmdstanpy - INFO - Chain [1] done processing
00:13:22 - cmdstanpy - INFO - Chain [1] start processing
00:13:22 - cmdstanpy - INFO - Chain [1] done processing
00:13:22 - cmdstanpy - INFO - Chain [1] start processing
00:13:22 - cmdstanpy - INFO - Chain [1] done processing
00:13:23 - cmdstanpy - INFO - Chain [1] start processing
00:13:23 - cmdstanpy - INFO - Chain [1] done processing
00:13:23 - cmdstanpy - INFO - Chain [1] start processing
00:13:23 - cmdstanpy - INFO - Chain [1] done processing
00:13:24 - cmdstanpy - INFO - Chain [1] start processing
00:13:24 - cmdstanpy - INFO - Chain [1] done processing
00:13:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:24 - cmdstanpy - INFO - Chain [1] start processing
00:13:24 - cmdstanpy - INFO - Chain [1] done processing
00:13:24 - cmdstanpy - INFO - Chain [1] start processing
00:13:24 - cmdstanpy - INFO - Chain [1] done processing
00:13:25 - cmdstanpy - INFO - Chain [1] start processing
00:13:25 - cmdstanpy - INFO - Chain [1] done processing
```

00:13:25 - cmdstanpy - INFO - Chain [1] start processing

```
00:13:25 - cmdstanpy - INFO - Chain [1] done processing
00:13:25 - cmdstanpy - INFO - Chain [1] start processing
00:13:25 - cmdstanpy - INFO - Chain [1] done processing
00:13:26 - cmdstanpy - INFO - Chain [1] start processing
00:13:26 - cmdstanpy - INFO - Chain [1] done processing
00:13:26 - cmdstanpy - INFO - Chain [1] start processing
00:13:26 - cmdstanpy - INFO - Chain [1] done processing
00:13:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:26 - cmdstanpy - INFO - Chain [1] start processing
00:13:26 - cmdstanpy - INFO - Chain [1] done processing
00:13:27 - cmdstanpy - INFO - Chain [1] start processing
00:13:27 - cmdstanpy - INFO - Chain [1] done processing
00:13:27 - cmdstanpy - INFO - Chain [1] start processing
00:13:27 - cmdstanpy - INFO - Chain [1] done processing
00:13:27 - cmdstanpy - INFO - Chain [1] start processing
00:13:28 - cmdstanpy - INFO - Chain [1] done processing
00:13:28 - cmdstanpy - INFO - Chain [1] start processing
00:13:28 - cmdstanpy - INFO - Chain [1] done processing
00:13:28 - cmdstanpy - INFO - Chain [1] start processing
00:13:28 - cmdstanpy - INFO - Chain [1] done processing
00:13:29 - cmdstanpy - INFO - Chain [1] start processing
00:13:29 - cmdstanpy - INFO - Chain [1] done processing
00:13:29 - cmdstanpy - INFO - Chain [1] start processing
00:13:29 - cmdstanpy - INFO - Chain [1] done processing
00:13:29 - cmdstanpy - INFO - Chain [1] start processing
00:13:30 - cmdstanpy - INFO - Chain [1] done processing
00:13:30 - cmdstanpy - INFO - Chain [1] start processing
00:13:30 - cmdstanpy - INFO - Chain [1] done processing
00:13:30 - cmdstanpy - INFO - Chain [1] start processing
00:13:30 - cmdstanpy - INFO - Chain [1] done processing
00:13:30 - cmdstanpy - INFO - Chain [1] start processing
00:13:30 - cmdstanpy - INFO - Chain [1] done processing
00:13:31 - cmdstanpy - INFO - Chain [1] start processing
00:13:31 - cmdstanpy - INFO - Chain [1] done processing
00:13:31 - cmdstanpy - INFO - Chain [1] start processing
00:13:31 - cmdstanpy - INFO - Chain [1] done processing
00:13:31 - cmdstanpy - INFO - Chain [1] start processing
00:13:31 - cmdstanpy - INFO - Chain [1] done processing
00:13:32 - cmdstanpy - INFO - Chain [1] start processing
00:13:32 - cmdstanpy - INFO - Chain [1] done processing
00:13:32 - cmdstanpy - INFO - Chain [1] start processing
00:13:32 - cmdstanpy - INFO - Chain [1] done processing
00:13:33 - cmdstanpy - INFO - Chain [1] start processing
00:13:33 - cmdstanpy - INFO - Chain [1] done processing
00:13:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:33 - cmdstanpy - INFO - Chain [1] start processing
00:13:33 - cmdstanpy - INFO - Chain [1] done processing
00:13:34 - cmdstanpy - INFO - Chain [1] start processing
00:13:34 - cmdstanpy - INFO - Chain [1] done processing
00:13:34 - cmdstanpy - INFO - Chain [1] start processing
00:13:34 - cmdstanpy - INFO - Chain [1] done processing
00:13:34 - cmdstanpy - INFO - Chain [1] start processing
00:13:34 - cmdstanpy - INFO - Chain [1] done processing
00:13:35 - cmdstanpy - INFO - Chain [1] start processing
00:13:35 - cmdstanpy - INFO - Chain [1] done processing
00:13:35 - cmdstanpy - INFO - Chain [1] start processing
00:13:35 - cmdstanpy - INFO - Chain [1] done processing
00:13:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:35 - cmdstanpy - INFO - Chain [1] start processing
00:13:35 - cmdstanpy - INFO - Chain [1] done processing
00:13:36 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:13:36 - cmdstanpy - INFO - Chain [1] done processing
00:13:36 - cmdstanpy - INFO - Chain [1] start processing
00:13:36 - cmdstanpy - INFO - Chain [1] done processing
00:13:36 - cmdstanpy - INFO - Chain [1] start processing
00:13:36 - cmdstanpy - INFO - Chain [1] done processing
00:13:37 - cmdstanpy - INFO - Chain [1] start processing
00:13:37 - cmdstanpy - INFO - Chain [1] done processing
00:13:37 - cmdstanpy - INFO - Chain [1] start processing
00:13:37 - cmdstanpy - INFO - Chain [1] done processing
00:13:37 - cmdstanpy - INFO - Chain [1] start processing
00:13:37 - cmdstanpy - INFO - Chain [1] done processing
00:13:38 - cmdstanpy - INFO - Chain [1] start processing
00:13:38 - cmdstanpy - INFO - Chain [1] done processing
00:13:38 - cmdstanpy - INFO - Chain [1] start processing
00:13:38 - cmdstanpy - INFO - Chain [1] done processing
00:13:38 - cmdstanpy - INFO - Chain [1] start processing
00:13:39 - cmdstanpy - INFO - Chain [1] done processing
00:13:39 - cmdstanpy - INFO - Chain [1] start processing
00:13:39 - cmdstanpy - INFO - Chain [1] done processing
00:13:39 - cmdstanpy - INFO - Chain [1] start processing
00:13:39 - cmdstanpy - INFO - Chain [1] done processing
00:13:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:39 - cmdstanpy - INFO - Chain [1] start processing
00:13:40 - cmdstanpy - INFO - Chain [1] done processing
00:13:40 - cmdstanpy - INFO - Chain [1] start processing
00:13:40 - cmdstanpy - INFO - Chain [1] done processing
00:13:40 - cmdstanpy - INFO - Chain [1] start processing
00:13:41 - cmdstanpy - INFO - Chain [1] done processing
00:13:41 - cmdstanpy - INFO - Chain [1] start processing
00:13:41 - cmdstanpy - INFO - Chain [1] done processing
00:13:41 - cmdstanpy - INFO - Chain [1] start processing
00:13:41 - cmdstanpy - INFO - Chain [1] done processing
00:13:42 - cmdstanpy - INFO - Chain [1] start processing
00:13:42 - cmdstanpy - INFO - Chain [1] done processing
00:13:42 - cmdstanpy - INFO - Chain [1] start processing
00:13:42 - cmdstanpy - INFO - Chain [1] done processing
00:13:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:42 - cmdstanpy - INFO - Chain [1] start processing
00:13:43 - cmdstanpy - INFO - Chain [1] done processing
00:13:43 - cmdstanpy - INFO - Chain [1] start processing
00:13:43 - cmdstanpy - INFO - Chain [1] done processing
00:13:43 - cmdstanpy - INFO - Chain [1] start processing
00:13:43 - cmdstanpy - INFO - Chain [1] done processing
00:13:44 - cmdstanpy - INFO - Chain [1] start processing
00:13:44 - cmdstanpy - INFO - Chain [1] done processing
00:13:44 - cmdstanpy - INFO - Chain [1] start processing
00:13:44 - cmdstanpy - INFO - Chain [1] done processing
00:13:44 - cmdstanpy - INFO - Chain [1] start processing
00:13:44 - cmdstanpy - INFO - Chain [1] done processing
00:13:45 - cmdstanpy - INFO - Chain [1] start processing
00:13:45 - cmdstanpy - INFO - Chain [1] done processing
00:13:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:45 - cmdstanpy - INFO - Chain [1] start processing
00:13:45 - cmdstanpy - INFO - Chain [1] done processing
00:13:46 - cmdstanpy - INFO - Chain [1] start processing
00:13:46 - cmdstanpy - INFO - Chain [1] done processing
00:13:46 - cmdstanpy - INFO - Chain [1] start processing
00:13:46 - cmdstanpy - INFO - Chain [1] done processing
00:13:46 - cmdstanpy - INFO - Chain [1] start processing
00:13:46 - cmdstanpy - INFO - Chain [1] done processing
00:13:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:13:47 - cmdstanpy - INFO - Chain [1] done processing
00:13:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:47 - cmdstanpy - INFO - Chain [1] start processing
00:13:47 - cmdstanpy - INFO - Chain [1] done processing
00:13:47 - cmdstanpy - INFO - Chain [1] start processing
00:13:47 - cmdstanpy - INFO - Chain [1] done processing
00:13:48 - cmdstanpy - INFO - Chain [1] start processing
00:13:48 - cmdstanpy - INFO - Chain [1] done processing
00:13:48 - cmdstanpy - INFO - Chain [1] start processing
00:13:48 - cmdstanpy - INFO - Chain [1] done processing
00:13:49 - cmdstanpy - INFO - Chain [1] start processing
00:13:49 - cmdstanpy - INFO - Chain [1] done processing
00:13:49 - cmdstanpy - INFO - Chain [1] start processing
00:13:49 - cmdstanpy - INFO - Chain [1] done processing
00:13:49 - cmdstanpy - INFO - Chain [1] start processing
00:13:49 - cmdstanpy - INFO - Chain [1] done processing
00:13:50 - cmdstanpy - INFO - Chain [1] start processing
00:13:50 - cmdstanpy - INFO - Chain [1] done processing
00:13:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:50 - cmdstanpy - INFO - Chain [1] start processing
00:13:50 - cmdstanpy - INFO - Chain [1] done processing
00:13:51 - cmdstanpy - INFO - Chain [1] start processing
00:13:51 - cmdstanpy - INFO - Chain [1] done processing
00:13:51 - cmdstanpy - INFO - Chain [1] start processing
00:13:51 - cmdstanpy - INFO - Chain [1] done processing
00:13:52 - cmdstanpy - INFO - Chain [1] start processing
00:13:52 - cmdstanpy - INFO - Chain [1] done processing
00:13:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:52 - cmdstanpy - INFO - Chain [1] start processing
00:13:52 - cmdstanpy - INFO - Chain [1] done processing
00:13:52 - cmdstanpy - INFO - Chain [1] start processing
00:13:52 - cmdstanpy - INFO - Chain [1] done processing
00:13:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:52 - cmdstanpy - INFO - Chain [1] start processing
00:13:53 - cmdstanpy - INFO - Chain [1] done processing
00:13:53 - cmdstanpy - INFO - Chain [1] start processing
00:13:53 - cmdstanpy - INFO - Chain [1] done processing
00:13:54 - cmdstanpy - INFO - Chain [1] start processing
00:13:54 - cmdstanpy - INFO - Chain [1] done processing
00:13:54 - cmdstanpy - INFO - Chain [1] start processing
00:13:54 - cmdstanpy - INFO - Chain [1] done processing
00:13:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:54 - cmdstanpy - INFO - Chain [1] start processing
00:13:55 - cmdstanpy - INFO - Chain [1] done processing
00:13:55 - cmdstanpy - INFO - Chain [1] start processing
00:13:55 - cmdstanpy - INFO - Chain [1] done processing
00:13:55 - cmdstanpy - INFO - Chain [1] start processing
00:13:55 - cmdstanpy - INFO - Chain [1] done processing
00:13:56 - cmdstanpy - INFO - Chain [1] start processing
00:13:56 - cmdstanpy - INFO - Chain [1] done processing
00:13:56 - cmdstanpy - INFO - Chain [1] start processing
00:13:56 - cmdstanpy - INFO - Chain [1] done processing
00:13:57 - cmdstanpy - INFO - Chain [1] start processing
00:13:57 - cmdstanpy - INFO - Chain [1] done processing
00:13:57 - cmdstanpy - INFO - Chain [1] start processing
00:13:57 - cmdstanpy - INFO - Chain [1] done processing
00:13:57 - cmdstanpy - INFO - Chain [1] start processing
00:13:57 - cmdstanpy - INFO - Chain [1] done processing
00:13:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:13:58 - cmdstanpy - INFO - Chain [1] done processing
00:13:58 - cmdstanpy - INFO - Chain [1] start processing
00:13:58 - cmdstanpy - INFO - Chain [1] done processing
00:13:59 - cmdstanpy - INFO - Chain [1] start processing
00:13:59 - cmdstanpy - INFO - Chain [1] done processing
00:13:59 - cmdstanpy - INFO - Chain [1] start processing
00:13:59 - cmdstanpy - INFO - Chain [1] done processing
00:13:59 - cmdstanpy - INFO - Chain [1] start processing
00:13:59 - cmdstanpy - INFO - Chain [1] done processing
00:13:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:13:59 - cmdstanpy - INFO - Chain [1] start processing
00:14:00 - cmdstanpy - INFO - Chain [1] done processing
00:14:00 - cmdstanpy - INFO - Chain [1] start processing
00:14:00 - cmdstanpy - INFO - Chain [1] done processing
00:14:00 - cmdstanpy - INFO - Chain [1] start processing
00:14:00 - cmdstanpy - INFO - Chain [1] done processing
00:14:01 - cmdstanpy - INFO - Chain [1] start processing
00:14:01 - cmdstanpy - INFO - Chain [1] done processing
00:14:01 - cmdstanpy - INFO - Chain [1] start processing
00:14:01 - cmdstanpy - INFO - Chain [1] done processing
00:14:01 - cmdstanpy - INFO - Chain [1] start processing
00:14:01 - cmdstanpy - INFO - Chain [1] done processing
00:14:02 - cmdstanpy - INFO - Chain [1] start processing
00:14:02 - cmdstanpy - INFO - Chain [1] done processing
00:14:02 - cmdstanpy - INFO - Chain [1] start processing
00:14:02 - cmdstanpy - INFO - Chain [1] done processing
00:14:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:02 - cmdstanpy - INFO - Chain [1] start processing
00:14:02 - cmdstanpy - INFO - Chain [1] done processing
00:14:03 - cmdstanpy - INFO - Chain [1] start processing
00:14:03 - cmdstanpy - INFO - Chain [1] done processing
00:14:03 - cmdstanpy - INFO - Chain [1] start processing
00:14:03 - cmdstanpy - INFO - Chain [1] done processing
00:14:03 - cmdstanpy - INFO - Chain [1] start processing
00:14:03 - cmdstanpy - INFO - Chain [1] done processing
00:14:04 - cmdstanpy - INFO - Chain [1] start processing
00:14:04 - cmdstanpy - INFO - Chain [1] done processing
00:14:04 - cmdstanpy - INFO - Chain [1] start processing
00:14:04 - cmdstanpy - INFO - Chain [1] done processing
00:14:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:04 - cmdstanpy - INFO - Chain [1] start processing
00:14:05 - cmdstanpy - INFO - Chain [1] done processing
00:14:05 - cmdstanpy - INFO - Chain [1] start processing
00:14:05 - cmdstanpy - INFO - Chain [1] done processing
00:14:05 - cmdstanpy - INFO - Chain [1] start processing
00:14:05 - cmdstanpy - INFO - Chain [1] done processing
00:14:06 - cmdstanpy - INFO - Chain [1] start processing
00:14:06 - cmdstanpy - INFO - Chain [1] done processing
00:14:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:06 - cmdstanpy - INFO - Chain [1] start processing
00:14:06 - cmdstanpy - INFO - Chain [1] done processing
00:14:06 - cmdstanpy - INFO - Chain [1] start processing
00:14:07 - cmdstanpy - INFO - Chain [1] done processing
00:14:07 - cmdstanpy - INFO - Chain [1] start processing
00:14:07 - cmdstanpy - INFO - Chain [1] done processing
00:14:07 - cmdstanpy - INFO - Chain [1] start processing
00:14:07 - cmdstanpy - INFO - Chain [1] done processing
00:14:08 - cmdstanpy - INFO - Chain [1] start processing
00:14:08 - cmdstanpy - INFO - Chain [1] done processing
00:14:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:14:08 - cmdstanpy - INFO - Chain [1] done processing
00:14:08 - cmdstanpy - INFO - Chain [1] start processing
00:14:08 - cmdstanpy - INFO - Chain [1] done processing
00:14:08 - cmdstanpy - INFO - Chain [1] start processing
00:14:09 - cmdstanpy - INFO - Chain [1] done processing
00:14:09 - cmdstanpy - INFO - Chain [1] start processing
00:14:09 - cmdstanpy - INFO - Chain [1] done processing
00:14:09 - cmdstanpy - INFO - Chain [1] start processing
00:14:09 - cmdstanpy - INFO - Chain [1] done processing
00:14:09 - cmdstanpy - INFO - Chain [1] start processing
00:14:09 - cmdstanpy - INFO - Chain [1] done processing
00:14:10 - cmdstanpy - INFO - Chain [1] start processing
00:14:10 - cmdstanpy - INFO - Chain [1] done processing
00:14:10 - cmdstanpy - INFO - Chain [1] start processing
00:14:10 - cmdstanpy - INFO - Chain [1] done processing
00:14:11 - cmdstanpy - INFO - Chain [1] start processing
00:14:11 - cmdstanpy - INFO - Chain [1] done processing
00:14:12 - cmdstanpy - INFO - Chain [1] start processing
00:14:12 - cmdstanpy - INFO - Chain [1] done processing
00:14:12 - cmdstanpy - INFO - Chain [1] start processing
00:14:12 - cmdstanpy - INFO - Chain [1] done processing
00:14:13 - cmdstanpy - INFO - Chain [1] start processing
00:14:13 - cmdstanpy - INFO - Chain [1] done processing
00:14:14 - cmdstanpy - INFO - Chain [1] start processing
00:14:14 - cmdstanpy - INFO - Chain [1] done processing
00:14:14 - cmdstanpy - INFO - Chain [1] start processing
00:14:14 - cmdstanpy - INFO - Chain [1] done processing
00:14:14 - cmdstanpy - INFO - Chain [1] start processing
00:14:14 - cmdstanpy - INFO - Chain [1] done processing
00:14:15 - cmdstanpy - INFO - Chain [1] start processing
00:14:15 - cmdstanpy - INFO - Chain [1] done processing
00:14:16 - cmdstanpy - INFO - Chain [1] start processing
00:14:16 - cmdstanpy - INFO - Chain [1] done processing
00:14:16 - cmdstanpy - INFO - Chain [1] start processing
00:14:16 - cmdstanpy - INFO - Chain [1] done processing
00:14:17 - cmdstanpy - INFO - Chain [1] start processing
00:14:17 - cmdstanpy - INFO - Chain [1] done processing
00:14:18 - cmdstanpy - INFO - Chain [1] start processing
00:14:18 - cmdstanpy - INFO - Chain [1] done processing
00:14:18 - cmdstanpy - INFO - Chain [1] start processing
00:14:19 - cmdstanpy - INFO - Chain [1] done processing
00:14:19 - cmdstanpy - INFO - Chain [1] start processing
00:14:19 - cmdstanpy - INFO - Chain [1] done processing
00:14:20 - cmdstanpy - INFO - Chain [1] start processing
00:14:20 - cmdstanpy - INFO - Chain [1] done processing
00:14:20 - cmdstanpy - INFO - Chain [1] start processing
00:14:20 - cmdstanpy - INFO - Chain [1] done processing
00:14:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:20 - cmdstanpy - INFO - Chain [1] start processing
00:14:21 - cmdstanpy - INFO - Chain [1] done processing
00:14:21 - cmdstanpy - INFO - Chain [1] start processing
00:14:21 - cmdstanpy - INFO - Chain [1] done processing
00:14:21 - cmdstanpy - INFO - Chain [1] start processing
00:14:21 - cmdstanpy - INFO - Chain [1] done processing
00:14:22 - cmdstanpy - INFO - Chain [1] start processing
00:14:22 - cmdstanpy - INFO - Chain [1] done processing
00:14:22 - cmdstanpy - INFO - Chain [1] start processing
00:14:22 - cmdstanpy - INFO - Chain [1] done processing
00:14:22 - cmdstanpy - INFO - Chain [1] start processing
00:14:22 - cmdstanpy - INFO - Chain [1] done processing
00:14:23 - cmdstanpy - INFO - Chain [1] start processing
00:14:23 - cmdstanpy - INFO - Chain [1] done processing
00:14:23 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:14:23 - cmdstanpy - INFO - Chain [1] done processing
00:14:24 - cmdstanpy - INFO - Chain [1] start processing
00:14:24 - cmdstanpy - INFO - Chain [1] done processing
00:14:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:24 - cmdstanpy - INFO - Chain [1] start processing
00:14:24 - cmdstanpy - INFO - Chain [1] done processing
00:14:24 - cmdstanpy - INFO - Chain [1] start processing
00:14:24 - cmdstanpy - INFO - Chain [1] done processing
00:14:25 - cmdstanpy - INFO - Chain [1] start processing
00:14:25 - cmdstanpy - INFO - Chain [1] done processing
00:14:25 - cmdstanpy - INFO - Chain [1] start processing
00:14:25 - cmdstanpy - INFO - Chain [1] done processing
00:14:26 - cmdstanpy - INFO - Chain [1] start processing
00:14:26 - cmdstanpy - INFO - Chain [1] done processing
00:14:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:26 - cmdstanpy - INFO - Chain [1] start processing
00:14:26 - cmdstanpy - INFO - Chain [1] done processing
00:14:26 - cmdstanpy - INFO - Chain [1] start processing
00:14:26 - cmdstanpy - INFO - Chain [1] done processing
00:14:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:26 - cmdstanpy - INFO - Chain [1] start processing
00:14:26 - cmdstanpy - INFO - Chain [1] done processing
00:14:27 - cmdstanpy - INFO - Chain [1] start processing
00:14:27 - cmdstanpy - INFO - Chain [1] done processing
00:14:27 - cmdstanpy - INFO - Chain [1] start processing
00:14:27 - cmdstanpy - INFO - Chain [1] done processing
00:14:27 - cmdstanpy - INFO - Chain [1] start processing
00:14:27 - cmdstanpy - INFO - Chain [1] done processing
00:14:28 - cmdstanpy - INFO - Chain [1] start processing
00:14:28 - cmdstanpy - INFO - Chain [1] done processing
00:14:28 - cmdstanpy - INFO - Chain [1] start processing
00:14:28 - cmdstanpy - INFO - Chain [1] done processing
00:14:28 - cmdstanpy - INFO - Chain [1] start processing
00:14:29 - cmdstanpy - INFO - Chain [1] done processing
00:14:29 - cmdstanpy - INFO - Chain [1] start processing
00:14:29 - cmdstanpy - INFO - Chain [1] done processing
00:14:29 - cmdstanpy - INFO - Chain [1] start processing
00:14:29 - cmdstanpy - INFO - Chain [1] done processing
00:14:30 - cmdstanpy - INFO - Chain [1] start processing
00:14:30 - cmdstanpy - INFO - Chain [1] done processing
00:14:30 - cmdstanpy - INFO - Chain [1] start processing
00:14:30 - cmdstanpy - INFO - Chain [1] done processing
00:14:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:30 - cmdstanpy - INFO - Chain [1] start processing
00:14:30 - cmdstanpy - INFO - Chain [1] done processing
00:14:31 - cmdstanpy - INFO - Chain [1] start processing
00:14:31 - cmdstanpy - INFO - Chain [1] done processing
00:14:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:31 - cmdstanpy - INFO - Chain [1] start processing
00:14:31 - cmdstanpy - INFO - Chain [1] done processing
00:14:31 - cmdstanpy - INFO - Chain [1] start processing
00:14:31 - cmdstanpy - INFO - Chain [1] done processing
00:14:32 - cmdstanpy - INFO - Chain [1] start processing
00:14:32 - cmdstanpy - INFO - Chain [1] done processing
00:14:32 - cmdstanpy - INFO - Chain [1] start processing
00:14:32 - cmdstanpy - INFO - Chain [1] done processing
00:14:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:32 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:14:32 - cmdstanpy - INFO - Chain [1] done processing
00:14:33 - cmdstanpy - INFO - Chain [1] start processing
00:14:33 - cmdstanpy - INFO - Chain [1] done processing
00:14:33 - cmdstanpy - INFO - Chain [1] start processing
00:14:33 - cmdstanpy - INFO - Chain [1] done processing
00:14:33 - cmdstanpy - INFO - Chain [1] start processing
00:14:34 - cmdstanpy - INFO - Chain [1] done processing
00:14:34 - cmdstanpy - INFO - Chain [1] start processing
00:14:34 - cmdstanpy - INFO - Chain [1] done processing
00:14:34 - cmdstanpy - INFO - Chain [1] start processing
00:14:34 - cmdstanpy - INFO - Chain [1] done processing
00:14:35 - cmdstanpy - INFO - Chain [1] start processing
00:14:35 - cmdstanpy - INFO - Chain [1] done processing
00:14:35 - cmdstanpy - INFO - Chain [1] start processing
00:14:35 - cmdstanpy - INFO - Chain [1] done processing
00:14:35 - cmdstanpy - INFO - Chain [1] start processing
00:14:35 - cmdstanpy - INFO - Chain [1] done processing
00:14:36 - cmdstanpy - INFO - Chain [1] start processing
00:14:36 - cmdstanpy - INFO - Chain [1] done processing
00:14:36 - cmdstanpy - INFO - Chain [1] start processing
00:14:36 - cmdstanpy - INFO - Chain [1] done processing
00:14:37 - cmdstanpy - INFO - Chain [1] start processing
00:14:37 - cmdstanpy - INFO - Chain [1] done processing
00:14:37 - cmdstanpy - INFO - Chain [1] start processing
00:14:37 - cmdstanpy - INFO - Chain [1] done processing
00:14:37 - cmdstanpy - INFO - Chain [1] start processing
00:14:37 - cmdstanpy - INFO - Chain [1] done processing
00:14:38 - cmdstanpy - INFO - Chain [1] start processing
00:14:38 - cmdstanpy - INFO - Chain [1] done processing
00:14:38 - cmdstanpy - INFO - Chain [1] start processing
00:14:38 - cmdstanpy - INFO - Chain [1] done processing
00:14:39 - cmdstanpy - INFO - Chain [1] start processing
00:14:39 - cmdstanpy - INFO - Chain [1] done processing
00:14:39 - cmdstanpy - INFO - Chain [1] start processing
00:14:39 - cmdstanpy - INFO - Chain [1] done processing
00:14:39 - cmdstanpy - INFO - Chain [1] start processing
00:14:39 - cmdstanpy - INFO - Chain [1] done processing
00:14:40 - cmdstanpy - INFO - Chain [1] start processing
00:14:40 - cmdstanpy - INFO - Chain [1] done processing
00:14:40 - cmdstanpy - INFO - Chain [1] start processing
00:14:40 - cmdstanpy - INFO - Chain [1] done processing
00:14:40 - cmdstanpy - INFO - Chain [1] start processing
00:14:40 - cmdstanpy - INFO - Chain [1] done processing
00:14:41 - cmdstanpy - INFO - Chain [1] start processing
00:14:41 - cmdstanpy - INFO - Chain [1] done processing
00:14:41 - cmdstanpy - INFO - Chain [1] start processing
00:14:41 - cmdstanpy - INFO - Chain [1] done processing
00:14:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:41 - cmdstanpy - INFO - Chain [1] start processing
00:14:42 - cmdstanpy - INFO - Chain [1] done processing
00:14:42 - cmdstanpy - INFO - Chain [1] start processing
00:14:42 - cmdstanpy - INFO - Chain [1] done processing
00:14:42 - cmdstanpy - INFO - Chain [1] start processing
00:14:42 - cmdstanpy - INFO - Chain [1] done processing
00:14:43 - cmdstanpy - INFO - Chain [1] start processing
00:14:43 - cmdstanpy - INFO - Chain [1] done processing
00:14:43 - cmdstanpy - INFO - Chain [1] start processing
00:14:43 - cmdstanpy - INFO - Chain [1] done processing
00:14:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:43 - cmdstanpy - INFO - Chain [1] start processing
00:14:43 - cmdstanpy - INFO - Chain [1] done processing
00:14:44 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:14:44 - cmdstanpy - INFO - Chain [1] done processing
00:14:44 - cmdstanpy - INFO - Chain [1] start processing
00:14:44 - cmdstanpy - INFO - Chain [1] done processing
00:14:44 - cmdstanpy - INFO - Chain [1] start processing
00:14:44 - cmdstanpy - INFO - Chain [1] done processing
00:14:45 - cmdstanpy - INFO - Chain [1] start processing
00:14:45 - cmdstanpy - INFO - Chain [1] done processing
00:14:45 - cmdstanpy - INFO - Chain [1] start processing
00:14:45 - cmdstanpy - INFO - Chain [1] done processing
00:14:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:45 - cmdstanpy - INFO - Chain [1] start processing
00:14:46 - cmdstanpy - INFO - Chain [1] done processing
00:14:46 - cmdstanpy - INFO - Chain [1] start processing
00:14:46 - cmdstanpy - INFO - Chain [1] done processing
00:14:46 - cmdstanpy - INFO - Chain [1] start processing
00:14:46 - cmdstanpy - INFO - Chain [1] done processing
00:14:47 - cmdstanpy - INFO - Chain [1] start processing
00:14:47 - cmdstanpy - INFO - Chain [1] done processing
00:14:47 - cmdstanpy - INFO - Chain [1] start processing
00:14:47 - cmdstanpy - INFO - Chain [1] done processing
00:14:47 - cmdstanpy - INFO - Chain [1] start processing
00:14:47 - cmdstanpy - INFO - Chain [1] done processing
00:14:48 - cmdstanpy - INFO - Chain [1] start processing
00:14:48 - cmdstanpy - INFO - Chain [1] done processing
00:14:48 - cmdstanpy - INFO - Chain [1] start processing
00:14:48 - cmdstanpy - INFO - Chain [1] done processing
00:14:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:48 - cmdstanpy - INFO - Chain [1] start processing
00:14:48 - cmdstanpy - INFO - Chain [1] done processing
00:14:49 - cmdstanpy - INFO - Chain [1] start processing
00:14:49 - cmdstanpy - INFO - Chain [1] done processing
00:14:49 - cmdstanpy - INFO - Chain [1] start processing
00:14:49 - cmdstanpy - INFO - Chain [1] done processing
00:14:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:49 - cmdstanpy - INFO - Chain [1] start processing
00:14:49 - cmdstanpy - INFO - Chain [1] done processing
00:14:50 - cmdstanpy - INFO - Chain [1] start processing
00:14:50 - cmdstanpy - INFO - Chain [1] done processing
00:14:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:50 - cmdstanpy - INFO - Chain [1] start processing
00:14:50 - cmdstanpy - INFO - Chain [1] done processing
00:14:50 - cmdstanpy - INFO - Chain [1] start processing
00:14:50 - cmdstanpy - INFO - Chain [1] done processing
00:14:50 - cmdstanpy - INFO - Chain [1] start processing
00:14:51 - cmdstanpy - INFO - Chain [1] done processing
00:14:51 - cmdstanpy - INFO - Chain [1] start processing
00:14:51 - cmdstanpy - INFO - Chain [1] done processing
00:14:51 - cmdstanpy - INFO - Chain [1] start processing
00:14:51 - cmdstanpy - INFO - Chain [1] done processing
00:14:52 - cmdstanpy - INFO - Chain [1] start processing
00:14:52 - cmdstanpy - INFO - Chain [1] done processing
00:14:52 - cmdstanpy - INFO - Chain [1] start processing
00:14:52 - cmdstanpy - INFO - Chain [1] done processing
00:14:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:52 - cmdstanpy - INFO - Chain [1] start processing
00:14:52 - cmdstanpy - INFO - Chain [1] done processing
00:14:53 - cmdstanpy - INFO - Chain [1] start processing
00:14:53 - cmdstanpy - INFO - Chain [1] done processing
00:14:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:14:53 - cmdstanpy - INFO - Chain [1] done processing
00:14:53 - cmdstanpy - INFO - Chain [1] start processing
00:14:53 - cmdstanpy - INFO - Chain [1] done processing
00:14:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:14:53 - cmdstanpy - INFO - Chain [1] start processing
00:14:54 - cmdstanpy - INFO - Chain [1] done processing
00:14:54 - cmdstanpy - INFO - Chain [1] start processing
00:14:54 - cmdstanpy - INFO - Chain [1] done processing
00:14:54 - cmdstanpy - INFO - Chain [1] start processing
00:14:54 - cmdstanpy - INFO - Chain [1] done processing
00:14:55 - cmdstanpy - INFO - Chain [1] start processing
00:14:55 - cmdstanpy - INFO - Chain [1] done processing
00:14:55 - cmdstanpy - INFO - Chain [1] start processing
00:14:55 - cmdstanpy - INFO - Chain [1] done processing
00:14:55 - cmdstanpy - INFO - Chain [1] start processing
00:14:55 - cmdstanpy - INFO - Chain [1] done processing
00:14:56 - cmdstanpy - INFO - Chain [1] start processing
00:14:56 - cmdstanpy - INFO - Chain [1] done processing
00:14:56 - cmdstanpy - INFO - Chain [1] start processing
00:14:57 - cmdstanpy - INFO - Chain [1] done processing
00:14:57 - cmdstanpy - INFO - Chain [1] start processing
00:14:57 - cmdstanpy - INFO - Chain [1] done processing
00:14:57 - cmdstanpy - INFO - Chain [1] start processing
00:14:57 - cmdstanpy - INFO - Chain [1] done processing
00:14:58 - cmdstanpy - INFO - Chain [1] start processing
00:14:58 - cmdstanpy - INFO - Chain [1] done processing
00:14:58 - cmdstanpy - INFO - Chain [1] start processing
00:14:58 - cmdstanpy - INFO - Chain [1] done processing
00:14:58 - cmdstanpy - INFO - Chain [1] start processing
00:14:58 - cmdstanpy - INFO - Chain [1] done processing
00:14:59 - cmdstanpy - INFO - Chain [1] start processing
00:14:59 - cmdstanpy - INFO - Chain [1] done processing
00:14:59 - cmdstanpy - INFO - Chain [1] start processing
00:14:59 - cmdstanpy - INFO - Chain [1] done processing
00:14:59 - cmdstanpy - INFO - Chain [1] start processing
00:14:59 - cmdstanpy - INFO - Chain [1] done processing
00:15:00 - cmdstanpy - INFO - Chain [1] start processing
00:15:00 - cmdstanpy - INFO - Chain [1] done processing
00:15:00 - cmdstanpy - INFO - Chain [1] start processing
00:15:00 - cmdstanpy - INFO - Chain [1] done processing
00:15:00 - cmdstanpy - INFO - Chain [1] start processing
00:15:00 - cmdstanpy - INFO - Chain [1] done processing
00:15:01 - cmdstanpy - INFO - Chain [1] start processing
00:15:01 - cmdstanpy - INFO - Chain [1] done processing
00:15:01 - cmdstanpy - INFO - Chain [1] start processing
00:15:01 - cmdstanpy - INFO - Chain [1] done processing
00:15:01 - cmdstanpy - INFO - Chain [1] start processing
00:15:02 - cmdstanpy - INFO - Chain [1] done processing
00:15:02 - cmdstanpy - INFO - Chain [1] start processing
00:15:02 - cmdstanpy - INFO - Chain [1] done processing
00:15:02 - cmdstanpy - INFO - Chain [1] start processing
00:15:02 - cmdstanpy - INFO - Chain [1] done processing
00:15:03 - cmdstanpy - INFO - Chain [1] start processing
00:15:03 - cmdstanpy - INFO - Chain [1] done processing
00:15:03 - cmdstanpy - INFO - Chain [1] start processing
00:15:04 - cmdstanpy - INFO - Chain [1] done processing
00:15:04 - cmdstanpy - INFO - Chain [1] start processing
00:15:04 - cmdstanpy - INFO - Chain [1] done processing
00:15:05 - cmdstanpy - INFO - Chain [1] start processing
```

00:15:05 - cmdstanpy - INFO - Chain [1] done processing 00:15:05 - cmdstanpy - INFO - Chain [1] start processing 00:15:05 - cmdstanpy - INFO - Chain [1] done processing 00:15:05 - cmdstanpy - INFO - Chain [1] start processing

```
00:15:05 - cmdstanpy - INFO - Chain [1] done processing
00:15:06 - cmdstanpy - INFO - Chain [1] start processing
00:15:06 - cmdstanpy - INFO - Chain [1] done processing
00:15:06 - cmdstanpy - INFO - Chain [1] start processing
00:15:06 - cmdstanpy - INFO - Chain [1] done processing
00:15:06 - cmdstanpy - INFO - Chain [1] start processing
00:15:06 - cmdstanpy - INFO - Chain [1] done processing
00:15:07 - cmdstanpy - INFO - Chain [1] start processing
00:15:07 - cmdstanpy - INFO - Chain [1] done processing
00:15:07 - cmdstanpy - INFO - Chain [1] start processing
00:15:07 - cmdstanpy - INFO - Chain [1] done processing
00:15:08 - cmdstanpy - INFO - Chain [1] start processing
00:15:08 - cmdstanpy - INFO - Chain [1] done processing
00:15:08 - cmdstanpy - INFO - Chain [1] start processing
00:15:08 - cmdstanpy - INFO - Chain [1] done processing
00:15:08 - cmdstanpy - INFO - Chain [1] start processing
00:15:09 - cmdstanpy - INFO - Chain [1] done processing
00:15:09 - cmdstanpy - INFO - Chain [1] start processing
00:15:09 - cmdstanpy - INFO - Chain [1] done processing
00:15:09 - cmdstanpy - INFO - Chain [1] start processing
00:15:09 - cmdstanpy - INFO - Chain [1] done processing
00:15:10 - cmdstanpy - INFO - Chain [1] start processing
00:15:10 - cmdstanpy - INFO - Chain [1] done processing
00:15:10 - cmdstanpy - INFO - Chain [1] start processing
00:15:10 - cmdstanpy - INFO - Chain [1] done processing
00:15:11 - cmdstanpy - INFO - Chain [1] start processing
00:15:11 - cmdstanpy - INFO - Chain [1] done processing
00:15:11 - cmdstanpy - INFO - Chain [1] start processing
00:15:11 - cmdstanpy - INFO - Chain [1] done processing
00:15:11 - cmdstanpy - INFO - Chain [1] start processing
00:15:11 - cmdstanpy - INFO - Chain [1] done processing
00:15:12 - cmdstanpy - INFO - Chain [1] start processing
00:15:12 - cmdstanpy - INFO - Chain [1] done processing
00:15:12 - cmdstanpy - INFO - Chain [1] start processing
00:15:12 - cmdstanpy - INFO - Chain [1] done processing
00:15:12 - cmdstanpy - INFO - Chain [1] start processing
00:15:13 - cmdstanpy - INFO - Chain [1] done processing
00:15:13 - cmdstanpy - INFO - Chain [1] start processing
00:15:13 - cmdstanpy - INFO - Chain [1] done processing
00:15:13 - cmdstanpy - INFO - Chain [1] start processing
00:15:13 - cmdstanpy - INFO - Chain [1] done processing
00:15:14 - cmdstanpy - INFO - Chain [1] start processing
00:15:14 - cmdstanpy - INFO - Chain [1] done processing
00:15:14 - cmdstanpy - INFO - Chain [1] start processing
00:15:14 - cmdstanpy - INFO - Chain [1] done processing
00:15:14 - cmdstanpy - INFO - Chain [1] start processing
00:15:14 - cmdstanpy - INFO - Chain [1] done processing
00:15:15 - cmdstanpy - INFO - Chain [1] start processing
00:15:15 - cmdstanpy - INFO - Chain [1] done processing
00:15:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:15 - cmdstanpy - INFO - Chain [1] start processing
00:15:15 - cmdstanpy - INFO - Chain [1] done processing
00:15:15 - cmdstanpy - INFO - Chain [1] start processing
00:15:15 - cmdstanpy - INFO - Chain [1] done processing
00:15:16 - cmdstanpy - INFO - Chain [1] start processing
00:15:16 - cmdstanpy - INFO - Chain [1] done processing
00:15:16 - cmdstanpy - INFO - Chain [1] start processing
00:15:16 - cmdstanpy - INFO - Chain [1] done processing
00:15:17 - cmdstanpy - INFO - Chain [1] start processing
00:15:17 - cmdstanpy - INFO - Chain [1] done processing
00:15:17 - cmdstanpy - INFO - Chain [1] start processing
00:15:17 - cmdstanpy - INFO - Chain [1] done processing
00:15:17 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:15:17 - cmdstanpy - INFO - Chain [1] done processing
00:15:18 - cmdstanpy - INFO - Chain [1] start processing
00:15:18 - cmdstanpy - INFO - Chain [1] done processing
00:15:18 - cmdstanpy - INFO - Chain [1] start processing
00:15:18 - cmdstanpy - INFO - Chain [1] done processing
00:15:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:18 - cmdstanpy - INFO - Chain [1] start processing
00:15:18 - cmdstanpy - INFO - Chain [1] done processing
00:15:19 - cmdstanpy - INFO - Chain [1] start processing
00:15:19 - cmdstanpy - INFO - Chain [1] done processing
00:15:19 - cmdstanpy - INFO - Chain [1] start processing
00:15:19 - cmdstanpy - INFO - Chain [1] done processing
00:15:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:19 - cmdstanpy - INFO - Chain [1] start processing
00:15:19 - cmdstanpy - INFO - Chain [1] done processing
00:15:20 - cmdstanpy - INFO - Chain [1] start processing
00:15:20 - cmdstanpy - INFO - Chain [1] done processing
00:15:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:20 - cmdstanpy - INFO - Chain [1] start processing
00:15:20 - cmdstanpy - INFO - Chain [1] done processing
00:15:20 - cmdstanpy - INFO - Chain [1] start processing
00:15:21 - cmdstanpy - INFO - Chain [1] done processing
00:15:21 - cmdstanpy - INFO - Chain [1] start processing
00:15:21 - cmdstanpy - INFO - Chain [1] done processing
00:15:21 - cmdstanpy - INFO - Chain [1] start processing
00:15:21 - cmdstanpy - INFO - Chain [1] done processing
00:15:22 - cmdstanpy - INFO - Chain [1] start processing
00:15:22 - cmdstanpy - INFO - Chain [1] done processing
00:15:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:22 - cmdstanpy - INFO - Chain [1] start processing
00:15:22 - cmdstanpy - INFO - Chain [1] done processing
00:15:23 - cmdstanpy - INFO - Chain [1] start processing
00:15:23 - cmdstanpy - INFO - Chain [1] done processing
00:15:23 - cmdstanpy - INFO - Chain [1] start processing
00:15:23 - cmdstanpy - INFO - Chain [1] done processing
00:15:23 - cmdstanpy - INFO - Chain [1] start processing
00:15:23 - cmdstanpy - INFO - Chain [1] done processing
00:15:24 - cmdstanpy - INFO - Chain [1] start processing
00:15:24 - cmdstanpy - INFO - Chain [1] done processing
00:15:24 - cmdstanpy - INFO - Chain [1] start processing
00:15:24 - cmdstanpy - INFO - Chain [1] done processing
00:15:24 - cmdstanpy - INFO - Chain [1] start processing
00:15:24 - cmdstanpy - INFO - Chain [1] done processing
00:15:25 - cmdstanpy - INFO - Chain [1] start processing
00:15:25 - cmdstanpy - INFO - Chain [1] done processing
00:15:25 - cmdstanpy - INFO - Chain [1] start processing
00:15:25 - cmdstanpy - INFO - Chain [1] done processing
00:15:25 - cmdstanpy - INFO - Chain [1] start processing
00:15:25 - cmdstanpy - INFO - Chain [1] done processing
00:15:26 - cmdstanpy - INFO - Chain [1] start processing
00:15:26 - cmdstanpy - INFO - Chain [1] done processing
00:15:26 - cmdstanpy - INFO - Chain [1] start processing
00:15:26 - cmdstanpy - INFO - Chain [1] done processing
00:15:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:26 - cmdstanpy - INFO - Chain [1] start processing
00:15:26 - cmdstanpy - INFO - Chain [1] done processing
00:15:27 - cmdstanpy - INFO - Chain [1] start processing
00:15:27 - cmdstanpy - INFO - Chain [1] done processing
00:15:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:15:27 - cmdstanpy - INFO - Chain [1] start processing
00:15:27 - cmdstanpy - INFO - Chain [1] done processing
00:15:27 - cmdstanpy - INFO - Chain [1] start processing
00:15:28 - cmdstanpy - INFO - Chain [1] done processing
00:15:28 - cmdstanpy - INFO - Chain [1] start processing
00:15:28 - cmdstanpy - INFO - Chain [1] done processing
00:15:28 - cmdstanpy - INFO - Chain [1] start processing
00:15:28 - cmdstanpy - INFO - Chain [1] done processing
00:15:29 - cmdstanpy - INFO - Chain [1] start processing
00:15:29 - cmdstanpy - INFO - Chain [1] done processing
00:15:29 - cmdstanpy - INFO - Chain [1] start processing
00:15:29 - cmdstanpy - INFO - Chain [1] done processing
00:15:30 - cmdstanpy - INFO - Chain [1] start processing
00:15:30 - cmdstanpy - INFO - Chain [1] done processing
00:15:30 - cmdstanpy - INFO - Chain [1] start processing
00:15:30 - cmdstanpy - INFO - Chain [1] done processing
00:15:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:30 - cmdstanpy - INFO - Chain [1] start processing
00:15:30 - cmdstanpy - INFO - Chain [1] done processing
00:15:31 - cmdstanpy - INFO - Chain [1] start processing
00:15:31 - cmdstanpy - INFO - Chain [1] done processing
00:15:31 - cmdstanpy - INFO - Chain [1] start processing
00:15:31 - cmdstanpy - INFO - Chain [1] done processing
00:15:31 - cmdstanpy - INFO - Chain [1] start processing
00:15:31 - cmdstanpy - INFO - Chain [1] done processing
00:15:32 - cmdstanpy - INFO - Chain [1] start processing
00:15:32 - cmdstanpy - INFO - Chain [1] done processing
00:15:32 - cmdstanpy - INFO - Chain [1] start processing
00:15:32 - cmdstanpy - INFO - Chain [1] done processing
00:15:32 - cmdstanpy - INFO - Chain [1] start processing
00:15:33 - cmdstanpy - INFO - Chain [1] done processing
00:15:33 - cmdstanpy - INFO - Chain [1] start processing
00:15:33 - cmdstanpy - INFO - Chain [1] done processing
00:15:33 - cmdstanpy - INFO - Chain [1] start processing
00:15:33 - cmdstanpy - INFO - Chain [1] done processing
00:15:34 - cmdstanpy - INFO - Chain [1] start processing
00:15:34 - cmdstanpy - INFO - Chain [1] done processing
00:15:34 - cmdstanpy - INFO - Chain [1] start processing
00:15:34 - cmdstanpy - INFO - Chain [1] done processing
00:15:34 - cmdstanpy - INFO - Chain [1] start processing
00:15:35 - cmdstanpy - INFO - Chain [1] done processing
00:15:35 - cmdstanpy - INFO - Chain [1] start processing
00:15:35 - cmdstanpy - INFO - Chain [1] done processing
00:15:36 - cmdstanpy - INFO - Chain [1] start processing
00:15:36 - cmdstanpy - INFO - Chain [1] done processing
00:15:36 - cmdstanpy - INFO - Chain [1] start processing
00:15:36 - cmdstanpy - INFO - Chain [1] done processing
00:15:36 - cmdstanpy - INFO - Chain [1] start processing
00:15:36 - cmdstanpy - INFO - Chain [1] done processing
00:15:37 - cmdstanpy - INFO - Chain [1] start processing
00:15:37 - cmdstanpy - INFO - Chain [1] done processing
00:15:37 - cmdstanpy - INFO - Chain [1] start processing
00:15:37 - cmdstanpy - INFO - Chain [1] done processing
00:15:37 - cmdstanpy - INFO - Chain [1] start processing
00:15:38 - cmdstanpy - INFO - Chain [1] done processing
00:15:38 - cmdstanpy - INFO - Chain [1] start processing
00:15:38 - cmdstanpy - INFO - Chain [1] done processing
00:15:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:38 - cmdstanpy - INFO - Chain [1] start processing
00:15:38 - cmdstanpy - INFO - Chain [1] done processing
00:15:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:15:39 - cmdstanpy - INFO - Chain [1] done processing
00:15:39 - cmdstanpy - INFO - Chain [1] start processing
00:15:39 - cmdstanpy - INFO - Chain [1] done processing
00:15:39 - cmdstanpy - INFO - Chain [1] start processing
00:15:39 - cmdstanpy - INFO - Chain [1] done processing
00:15:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:39 - cmdstanpy - INFO - Chain [1] start processing
00:15:40 - cmdstanpy - INFO - Chain [1] done processing
00:15:40 - cmdstanpy - INFO - Chain [1] start processing
00:15:40 - cmdstanpy - INFO - Chain [1] done processing
00:15:40 - cmdstanpy - INFO - Chain [1] start processing
00:15:41 - cmdstanpy - INFO - Chain [1] done processing
00:15:41 - cmdstanpy - INFO - Chain [1] start processing
00:15:41 - cmdstanpy - INFO - Chain [1] done processing
00:15:41 - cmdstanpy - INFO - Chain [1] start processing
00:15:41 - cmdstanpy - INFO - Chain [1] done processing
00:15:42 - cmdstanpy - INFO - Chain [1] start processing
00:15:42 - cmdstanpy - INFO - Chain [1] done processing
00:15:42 - cmdstanpy - INFO - Chain [1] start processing
00:15:42 - cmdstanpy - INFO - Chain [1] done processing
00:15:42 - cmdstanpy - INFO - Chain [1] start processing
00:15:42 - cmdstanpy - INFO - Chain [1] done processing
00:15:43 - cmdstanpy - INFO - Chain [1] start processing
00:15:43 - cmdstanpy - INFO - Chain [1] done processing
00:15:43 - cmdstanpy - INFO - Chain [1] start processing
00:15:43 - cmdstanpy - INFO - Chain [1] done processing
00:15:43 - cmdstanpy - INFO - Chain [1] start processing
00:15:43 - cmdstanpy - INFO - Chain [1] done processing
00:15:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:43 - cmdstanpy - INFO - Chain [1] start processing
00:15:44 - cmdstanpy - INFO - Chain [1] done processing
00:15:44 - cmdstanpy - INFO - Chain [1] start processing
00:15:44 - cmdstanpy - INFO - Chain [1] done processing
00:15:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:44 - cmdstanpy - INFO - Chain [1] start processing
00:15:44 - cmdstanpy - INFO - Chain [1] done processing
00:15:45 - cmdstanpy - INFO - Chain [1] start processing
00:15:45 - cmdstanpy - INFO - Chain [1] done processing
00:15:45 - cmdstanpy - INFO - Chain [1] start processing
00:15:45 - cmdstanpy - INFO - Chain [1] done processing
00:15:45 - cmdstanpy - INFO - Chain [1] start processing
00:15:45 - cmdstanpy - INFO - Chain [1] done processing
00:15:46 - cmdstanpy - INFO - Chain [1] start processing
00:15:46 - cmdstanpy - INFO - Chain [1] done processing
00:15:46 - cmdstanpy - INFO - Chain [1] start processing
00:15:46 - cmdstanpy - INFO - Chain [1] done processing
00:15:46 - cmdstanpy - INFO - Chain [1] start processing
00:15:46 - cmdstanpy - INFO - Chain [1] done processing
00:15:47 - cmdstanpy - INFO - Chain [1] start processing
00:15:47 - cmdstanpy - INFO - Chain [1] done processing
00:15:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:47 - cmdstanpy - INFO - Chain [1] start processing
00:15:47 - cmdstanpy - INFO - Chain [1] done processing
00:15:47 - cmdstanpy - INFO - Chain [1] start processing
00:15:48 - cmdstanpy - INFO - Chain [1] done processing
00:15:48 - cmdstanpy - INFO - Chain [1] start processing
00:15:48 - cmdstanpy - INFO - Chain [1] done processing
00:15:48 - cmdstanpy - INFO - Chain [1] start processing
00:15:48 - cmdstanpy - INFO - Chain [1] done processing
00:15:48 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:15:49 - cmdstanpy - INFO - Chain [1] done processing
00:15:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:49 - cmdstanpy - INFO - Chain [1] start processing
00:15:49 - cmdstanpy - INFO - Chain [1] done processing
00:15:49 - cmdstanpy - INFO - Chain [1] start processing
00:15:49 - cmdstanpy - INFO - Chain [1] done processing
00:15:50 - cmdstanpy - INFO - Chain [1] start processing
00:15:50 - cmdstanpy - INFO - Chain [1] done processing
00:15:50 - cmdstanpy - INFO - Chain [1] start processing
00:15:50 - cmdstanpy - INFO - Chain [1] done processing
00:15:50 - cmdstanpy - INFO - Chain [1] start processing
00:15:50 - cmdstanpy - INFO - Chain [1] done processing
00:15:51 - cmdstanpy - INFO - Chain [1] start processing
00:15:51 - cmdstanpy - INFO - Chain [1] done processing
00:15:51 - cmdstanpy - INFO - Chain [1] start processing
00:15:51 - cmdstanpy - INFO - Chain [1] done processing
00:15:51 - cmdstanpy - INFO - Chain [1] start processing
00:15:51 - cmdstanpy - INFO - Chain [1] done processing
00:15:52 - cmdstanpy - INFO - Chain [1] start processing
00:15:52 - cmdstanpy - INFO - Chain [1] done processing
00:15:52 - cmdstanpy - INFO - Chain [1] start processing
00:15:52 - cmdstanpy - INFO - Chain [1] done processing
00:15:52 - cmdstanpy - INFO - Chain [1] start processing
00:15:52 - cmdstanpy - INFO - Chain [1] done processing
00:15:53 - cmdstanpy - INFO - Chain [1] start processing
00:15:53 - cmdstanpy - INFO - Chain [1] done processing
00:15:53 - cmdstanpy - INFO - Chain [1] start processing
00:15:53 - cmdstanpy - INFO - Chain [1] done processing
00:15:53 - cmdstanpy - INFO - Chain [1] start processing
00:15:53 - cmdstanpy - INFO - Chain [1] done processing
00:15:54 - cmdstanpy - INFO - Chain [1] start processing
00:15:54 - cmdstanpy - INFO - Chain [1] done processing
00:15:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:54 - cmdstanpy - INFO - Chain [1] start processing
00:15:54 - cmdstanpy - INFO - Chain [1] done processing
00:15:54 - cmdstanpy - INFO - Chain [1] start processing
00:15:54 - cmdstanpy - INFO - Chain [1] done processing
00:15:55 - cmdstanpy - INFO - Chain [1] start processing
00:15:55 - cmdstanpy - INFO - Chain [1] done processing
00:15:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:15:55 - cmdstanpy - INFO - Chain [1] start processing
00:15:55 - cmdstanpy - INFO - Chain [1] done processing
00:15:55 - cmdstanpy - INFO - Chain [1] start processing
00:15:55 - cmdstanpy - INFO - Chain [1] done processing
00:15:56 - cmdstanpy - INFO - Chain [1] start processing
00:15:56 - cmdstanpy - INFO - Chain [1] done processing
00:15:56 - cmdstanpy - INFO - Chain [1] start processing
00:15:56 - cmdstanpy - INFO - Chain [1] done processing
00:15:56 - cmdstanpy - INFO - Chain [1] start processing
00:15:56 - cmdstanpy - INFO - Chain [1] done processing
00:15:57 - cmdstanpy - INFO - Chain [1] start processing
00:15:57 - cmdstanpy - INFO - Chain [1] done processing
00:15:57 - cmdstanpy - INFO - Chain [1] start processing
00:15:57 - cmdstanpy - INFO - Chain [1] done processing
00:15:57 - cmdstanpy - INFO - Chain [1] start processing
00:15:57 - cmdstanpy - INFO - Chain [1] done processing
00:15:58 - cmdstanpy - INFO - Chain [1] start processing
00:15:58 - cmdstanpy - INFO - Chain [1] done processing
00:15:58 - cmdstanpy - INFO - Chain [1] start processing
00:15:58 - cmdstanpy - INFO - Chain [1] done processing
00:15:59 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:15:59 - cmdstanpy - INFO - Chain [1] done processing
00:15:59 - cmdstanpy - INFO - Chain [1] start processing
00:15:59 - cmdstanpy - INFO - Chain [1] done processing
00:15:59 - cmdstanpy - INFO - Chain [1] start processing
00:15:59 - cmdstanpy - INFO - Chain [1] done processing
00:16:00 - cmdstanpy - INFO - Chain [1] start processing
00:16:00 - cmdstanpy - INFO - Chain [1] done processing
00:16:00 - cmdstanpy - INFO - Chain [1] start processing
00:16:00 - cmdstanpy - INFO - Chain [1] done processing
00:16:00 - cmdstanpy - INFO - Chain [1] start processing
00:16:00 - cmdstanpy - INFO - Chain [1] done processing
00:16:01 - cmdstanpy - INFO - Chain [1] start processing
00:16:01 - cmdstanpy - INFO - Chain [1] done processing
00:16:01 - cmdstanpy - INFO - Chain [1] start processing
00:16:01 - cmdstanpy - INFO - Chain [1] done processing
00:16:01 - cmdstanpy - INFO - Chain [1] start processing
00:16:01 - cmdstanpy - INFO - Chain [1] done processing
00:16:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:01 - cmdstanpy - INFO - Chain [1] start processing
00:16:02 - cmdstanpy - INFO - Chain [1] done processing
00:16:02 - cmdstanpy - INFO - Chain [1] start processing
00:16:02 - cmdstanpy - INFO - Chain [1] done processing
00:16:02 - cmdstanpy - INFO - Chain [1] start processing
00:16:02 - cmdstanpy - INFO - Chain [1] done processing
00:16:03 - cmdstanpy - INFO - Chain [1] start processing
00:16:03 - cmdstanpy - INFO - Chain [1] done processing
00:16:03 - cmdstanpy - INFO - Chain [1] start processing
00:16:03 - cmdstanpy - INFO - Chain [1] done processing
00:16:04 - cmdstanpy - INFO - Chain [1] start processing
00:16:04 - cmdstanpy - INFO - Chain [1] done processing
00:16:04 - cmdstanpy - INFO - Chain [1] start processing
00:16:04 - cmdstanpy - INFO - Chain [1] done processing
00:16:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:04 - cmdstanpy - INFO - Chain [1] start processing
00:16:04 - cmdstanpy - INFO - Chain [1] done processing
00:16:05 - cmdstanpy - INFO - Chain [1] start processing
00:16:05 - cmdstanpy - INFO - Chain [1] done processing
00:16:05 - cmdstanpy - INFO - Chain [1] start processing
00:16:05 - cmdstanpy - INFO - Chain [1] done processing
00:16:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:05 - cmdstanpy - INFO - Chain [1] start processing
00:16:06 - cmdstanpy - INFO - Chain [1] done processing
00:16:06 - cmdstanpy - INFO - Chain [1] start processing
00:16:06 - cmdstanpy - INFO - Chain [1] done processing
00:16:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:06 - cmdstanpy - INFO - Chain [1] start processing
00:16:06 - cmdstanpy - INFO - Chain [1] done processing
00:16:06 - cmdstanpy - INFO - Chain [1] start processing
00:16:06 - cmdstanpy - INFO - Chain [1] done processing
00:16:07 - cmdstanpy - INFO - Chain [1] start processing
00:16:07 - cmdstanpy - INFO - Chain [1] done processing
00:16:07 - cmdstanpy - INFO - Chain [1] start processing
00:16:07 - cmdstanpy - INFO - Chain [1] done processing
00:16:07 - cmdstanpy - INFO - Chain [1] start processing
00:16:07 - cmdstanpy - INFO - Chain [1] done processing
00:16:08 - cmdstanpy - INFO - Chain [1] start processing
00:16:08 - cmdstanpy - INFO - Chain [1] done processing
00:16:08 - cmdstanpy - INFO - Chain [1] start processing
00:16:08 - cmdstanpy - INFO - Chain [1] done processing
00:16:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:16:08 - cmdstanpy - INFO - Chain [1] done processing
00:16:09 - cmdstanpy - INFO - Chain [1] start processing
00:16:09 - cmdstanpy - INFO - Chain [1] done processing
00:16:09 - cmdstanpy - INFO - Chain [1] start processing
00:16:09 - cmdstanpy - INFO - Chain [1] done processing
00:16:09 - cmdstanpy - INFO - Chain [1] start processing
00:16:10 - cmdstanpy - INFO - Chain [1] done processing
00:16:10 - cmdstanpy - INFO - Chain [1] start processing
00:16:10 - cmdstanpy - INFO - Chain [1] done processing
00:16:10 - cmdstanpy - INFO - Chain [1] start processing
00:16:10 - cmdstanpy - INFO - Chain [1] done processing
00:16:10 - cmdstanpy - INFO - Chain [1] start processing
00:16:11 - cmdstanpy - INFO - Chain [1] done processing
00:16:11 - cmdstanpy - INFO - Chain [1] start processing
00:16:11 - cmdstanpy - INFO - Chain [1] done processing
00:16:11 - cmdstanpy - INFO - Chain [1] start processing
00:16:11 - cmdstanpy - INFO - Chain [1] done processing
00:16:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:11 - cmdstanpy - INFO - Chain [1] start processing
00:16:12 - cmdstanpy - INFO - Chain [1] done processing
00:16:12 - cmdstanpy - INFO - Chain [1] start processing
00:16:12 - cmdstanpy - INFO - Chain [1] done processing
00:16:12 - cmdstanpy - INFO - Chain [1] start processing
00:16:12 - cmdstanpy - INFO - Chain [1] done processing
00:16:13 - cmdstanpy - INFO - Chain [1] start processing
00:16:13 - cmdstanpy - INFO - Chain [1] done processing
00:16:13 - cmdstanpy - INFO - Chain [1] start processing
00:16:13 - cmdstanpy - INFO - Chain [1] done processing
00:16:14 - cmdstanpy - INFO - Chain [1] start processing
00:16:14 - cmdstanpy - INFO - Chain [1] done processing
00:16:14 - cmdstanpy - INFO - Chain [1] start processing
00:16:14 - cmdstanpy - INFO - Chain [1] done processing
00:16:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:14 - cmdstanpy - INFO - Chain [1] start processing
00:16:14 - cmdstanpy - INFO - Chain [1] done processing
00:16:15 - cmdstanpy - INFO - Chain [1] start processing
00:16:15 - cmdstanpy - INFO - Chain [1] done processing
00:16:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:15 - cmdstanpy - INFO - Chain [1] start processing
00:16:15 - cmdstanpy - INFO - Chain [1] done processing
00:16:15 - cmdstanpy - INFO - Chain [1] start processing
00:16:16 - cmdstanpy - INFO - Chain [1] done processing
00:16:16 - cmdstanpy - INFO - Chain [1] start processing
00:16:16 - cmdstanpy - INFO - Chain [1] done processing
00:16:16 - cmdstanpy - INFO - Chain [1] start processing
00:16:16 - cmdstanpy - INFO - Chain [1] done processing
00:16:17 - cmdstanpy - INFO - Chain [1] start processing
00:16:17 - cmdstanpy - INFO - Chain [1] done processing
00:16:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:17 - cmdstanpy - INFO - Chain [1] start processing
00:16:17 - cmdstanpy - INFO - Chain [1] done processing
00:16:17 - cmdstanpy - INFO - Chain [1] start processing
00:16:17 - cmdstanpy - INFO - Chain [1] done processing
00:16:18 - cmdstanpy - INFO - Chain [1] start processing
00:16:18 - cmdstanpy - INFO - Chain [1] done processing
00:16:18 - cmdstanpy - INFO - Chain [1] start processing
00:16:18 - cmdstanpy - INFO - Chain [1] done processing
00:16:18 - cmdstanpy - INFO - Chain [1] start processing
00:16:18 - cmdstanpy - INFO - Chain [1] done processing
00:16:19 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:16:19 - cmdstanpy - INFO - Chain [1] done processing
00:16:19 - cmdstanpy - INFO - Chain [1] start processing
00:16:19 - cmdstanpy - INFO - Chain [1] done processing
00:16:19 - cmdstanpy - INFO - Chain [1] start processing
00:16:19 - cmdstanpy - INFO - Chain [1] done processing
00:16:20 - cmdstanpy - INFO - Chain [1] start processing
00:16:20 - cmdstanpy - INFO - Chain [1] done processing
00:16:20 - cmdstanpy - INFO - Chain [1] start processing
00:16:20 - cmdstanpy - INFO - Chain [1] done processing
00:16:20 - cmdstanpy - INFO - Chain [1] start processing
00:16:20 - cmdstanpy - INFO - Chain [1] done processing
00:16:21 - cmdstanpy - INFO - Chain [1] start processing
00:16:21 - cmdstanpy - INFO - Chain [1] done processing
00:16:21 - cmdstanpy - INFO - Chain [1] start processing
00:16:21 - cmdstanpy - INFO - Chain [1] done processing
00:16:21 - cmdstanpy - INFO - Chain [1] start processing
00:16:22 - cmdstanpy - INFO - Chain [1] done processing
00:16:22 - cmdstanpy - INFO - Chain [1] start processing
00:16:22 - cmdstanpy - INFO - Chain [1] done processing
00:16:22 - cmdstanpy - INFO - Chain [1] start processing
00:16:22 - cmdstanpy - INFO - Chain [1] done processing
00:16:23 - cmdstanpy - INFO - Chain [1] start processing
00:16:23 - cmdstanpy - INFO - Chain [1] done processing
00:16:23 - cmdstanpy - INFO - Chain [1] start processing
00:16:23 - cmdstanpy - INFO - Chain [1] done processing
00:16:24 - cmdstanpy - INFO - Chain [1] start processing
00:16:24 - cmdstanpy - INFO - Chain [1] done processing
00:16:24 - cmdstanpy - INFO - Chain [1] start processing
00:16:24 - cmdstanpy - INFO - Chain [1] done processing
00:16:24 - cmdstanpy - INFO - Chain [1] start processing
00:16:24 - cmdstanpy - INFO - Chain [1] done processing
00:16:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:24 - cmdstanpy - INFO - Chain [1] start processing
00:16:25 - cmdstanpy - INFO - Chain [1] done processing
00:16:25 - cmdstanpy - INFO - Chain [1] start processing
00:16:25 - cmdstanpy - INFO - Chain [1] done processing
00:16:25 - cmdstanpy - INFO - Chain [1] start processing
00:16:25 - cmdstanpy - INFO - Chain [1] done processing
00:16:26 - cmdstanpy - INFO - Chain [1] start processing
00:16:26 - cmdstanpy - INFO - Chain [1] done processing
00:16:26 - cmdstanpy - INFO - Chain [1] start processing
00:16:26 - cmdstanpy - INFO - Chain [1] done processing
00:16:26 - cmdstanpy - INFO - Chain [1] start processing
00:16:26 - cmdstanpy - INFO - Chain [1] done processing
00:16:27 - cmdstanpy - INFO - Chain [1] start processing
00:16:27 - cmdstanpy - INFO - Chain [1] done processing
00:16:27 - cmdstanpy - INFO - Chain [1] start processing
00:16:27 - cmdstanpy - INFO - Chain [1] done processing
00:16:27 - cmdstanpy - INFO - Chain [1] start processing
00:16:28 - cmdstanpy - INFO - Chain [1] done processing
00:16:28 - cmdstanpy - INFO - Chain [1] start processing
00:16:28 - cmdstanpy - INFO - Chain [1] done processing
00:16:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:28 - cmdstanpy - INFO - Chain [1] start processing
00:16:28 - cmdstanpy - INFO - Chain [1] done processing
00:16:29 - cmdstanpy - INFO - Chain [1] start processing
00:16:29 - cmdstanpy - INFO - Chain [1] done processing
00:16:29 - cmdstanpy - INFO - Chain [1] start processing
00:16:29 - cmdstanpy - INFO - Chain [1] done processing
00:16:29 - cmdstanpy - INFO - Chain [1] start processing
00:16:30 - cmdstanpy - INFO - Chain [1] done processing
00:16:30 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:16:30 - cmdstanpy - INFO - Chain [1] done processing
00:16:30 - cmdstanpy - INFO - Chain [1] start processing
00:16:30 - cmdstanpy - INFO - Chain [1] done processing
00:16:31 - cmdstanpy - INFO - Chain [1] start processing
00:16:31 - cmdstanpy - INFO - Chain [1] done processing
00:16:31 - cmdstanpy - INFO - Chain [1] start processing
00:16:31 - cmdstanpy - INFO - Chain [1] done processing
00:16:31 - cmdstanpy - INFO - Chain [1] start processing
00:16:31 - cmdstanpy - INFO - Chain [1] done processing
00:16:32 - cmdstanpy - INFO - Chain [1] start processing
00:16:32 - cmdstanpy - INFO - Chain [1] done processing
00:16:32 - cmdstanpy - INFO - Chain [1] start processing
00:16:32 - cmdstanpy - INFO - Chain [1] done processing
00:16:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:32 - cmdstanpy - INFO - Chain [1] start processing
00:16:32 - cmdstanpy - INFO - Chain [1] done processing
00:16:33 - cmdstanpy - INFO - Chain [1] start processing
00:16:33 - cmdstanpy - INFO - Chain [1] done processing
00:16:33 - cmdstanpy - INFO - Chain [1] start processing
00:16:33 - cmdstanpy - INFO - Chain [1] done processing
00:16:34 - cmdstanpy - INFO - Chain [1] start processing
00:16:34 - cmdstanpy - INFO - Chain [1] done processing
00:16:34 - cmdstanpy - INFO - Chain [1] start processing
00:16:34 - cmdstanpy - INFO - Chain [1] done processing
00:16:34 - cmdstanpy - INFO - Chain [1] start processing
00:16:34 - cmdstanpy - INFO - Chain [1] done processing
00:16:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:34 - cmdstanpy - INFO - Chain [1] start processing
00:16:35 - cmdstanpy - INFO - Chain [1] done processing
00:16:35 - cmdstanpy - INFO - Chain [1] start processing
00:16:35 - cmdstanpy - INFO - Chain [1] done processing
00:16:35 - cmdstanpy - INFO - Chain [1] start processing
00:16:35 - cmdstanpy - INFO - Chain [1] done processing
00:16:36 - cmdstanpy - INFO - Chain [1] start processing
00:16:36 - cmdstanpy - INFO - Chain [1] done processing
00:16:36 - cmdstanpy - INFO - Chain [1] start processing
00:16:36 - cmdstanpy - INFO - Chain [1] done processing
00:16:36 - cmdstanpy - INFO - Chain [1] start processing
00:16:36 - cmdstanpy - INFO - Chain [1] done processing
00:16:37 - cmdstanpy - INFO - Chain [1] start processing
00:16:37 - cmdstanpy - INFO - Chain [1] done processing
00:16:37 - cmdstanpy - INFO - Chain [1] start processing
00:16:37 - cmdstanpy - INFO - Chain [1] done processing
00:16:37 - cmdstanpy - INFO - Chain [1] start processing
00:16:37 - cmdstanpy - INFO - Chain [1] done processing
00:16:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:37 - cmdstanpy - INFO - Chain [1] start processing
00:16:38 - cmdstanpy - INFO - Chain [1] done processing
00:16:38 - cmdstanpy - INFO - Chain [1] start processing
00:16:38 - cmdstanpy - INFO - Chain [1] done processing
00:16:39 - cmdstanpy - INFO - Chain [1] start processing
00:16:39 - cmdstanpy - INFO - Chain [1] done processing
00:16:39 - cmdstanpy - INFO - Chain [1] start processing
00:16:39 - cmdstanpy - INFO - Chain [1] done processing
00:16:40 - cmdstanpy - INFO - Chain [1] start processing
00:16:40 - cmdstanpy - INFO - Chain [1] done processing
00:16:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:40 - cmdstanpy - INFO - Chain [1] start processing
00:16:40 - cmdstanpy - INFO - Chain [1] done processing
00:16:41 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:16:41 - cmdstanpy - INFO - Chain [1] done processing
00:16:41 - cmdstanpy - INFO - Chain [1] start processing
00:16:42 - cmdstanpy - INFO - Chain [1] done processing
00:16:42 - cmdstanpy - INFO - Chain [1] start processing
00:16:42 - cmdstanpy - INFO - Chain [1] done processing
00:16:42 - cmdstanpy - INFO - Chain [1] start processing
00:16:42 - cmdstanpy - INFO - Chain [1] done processing
00:16:43 - cmdstanpy - INFO - Chain [1] start processing
00:16:43 - cmdstanpy - INFO - Chain [1] done processing
00:16:43 - cmdstanpy - INFO - Chain [1] start processing
00:16:43 - cmdstanpy - INFO - Chain [1] done processing
00:16:43 - cmdstanpy - INFO - Chain [1] start processing
00:16:43 - cmdstanpy - INFO - Chain [1] done processing
00:16:44 - cmdstanpy - INFO - Chain [1] start processing
00:16:44 - cmdstanpy - INFO - Chain [1] done processing
00:16:44 - cmdstanpy - INFO - Chain [1] start processing
00:16:44 - cmdstanpy - INFO - Chain [1] done processing
00:16:45 - cmdstanpy - INFO - Chain [1] start processing
00:16:45 - cmdstanpy - INFO - Chain [1] done processing
00:16:45 - cmdstanpy - INFO - Chain [1] start processing
00:16:45 - cmdstanpy - INFO - Chain [1] done processing
00:16:45 - cmdstanpy - INFO - Chain [1] start processing
00:16:45 - cmdstanpy - INFO - Chain [1] done processing
00:16:46 - cmdstanpy - INFO - Chain [1] start processing
00:16:46 - cmdstanpy - INFO - Chain [1] done processing
00:16:46 - cmdstanpy - INFO - Chain [1] start processing
00:16:46 - cmdstanpy - INFO - Chain [1] done processing
00:16:46 - cmdstanpy - INFO - Chain [1] start processing
00:16:47 - cmdstanpy - INFO - Chain [1] done processing
00:16:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:47 - cmdstanpy - INFO - Chain [1] start processing
00:16:47 - cmdstanpy - INFO - Chain [1] done processing
00:16:47 - cmdstanpy - INFO - Chain [1] start processing
00:16:47 - cmdstanpy - INFO - Chain [1] done processing
00:16:47 - cmdstanpy - INFO - Chain [1] start processing
00:16:47 - cmdstanpy - INFO - Chain [1] done processing
00:16:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:47 - cmdstanpy - INFO - Chain [1] start processing
00:16:48 - cmdstanpy - INFO - Chain [1] done processing
00:16:48 - cmdstanpy - INFO - Chain [1] start processing
00:16:48 - cmdstanpy - INFO - Chain [1] done processing
00:16:49 - cmdstanpy - INFO - Chain [1] start processing
00:16:49 - cmdstanpy - INFO - Chain [1] done processing
00:16:49 - cmdstanpy - INFO - Chain [1] start processing
00:16:49 - cmdstanpy - INFO - Chain [1] done processing
00:16:49 - cmdstanpy - INFO - Chain [1] start processing
00:16:49 - cmdstanpy - INFO - Chain [1] done processing
00:16:50 - cmdstanpy - INFO - Chain [1] start processing
00:16:50 - cmdstanpy - INFO - Chain [1] done processing
00:16:50 - cmdstanpy - INFO - Chain [1] start processing
00:16:50 - cmdstanpy - INFO - Chain [1] done processing
00:16:50 - cmdstanpy - INFO - Chain [1] start processing
00:16:50 - cmdstanpy - INFO - Chain [1] done processing
00:16:51 - cmdstanpy - INFO - Chain [1] start processing
00:16:51 - cmdstanpy - INFO - Chain [1] done processing
00:16:51 - cmdstanpy - INFO - Chain [1] start processing
00:16:51 - cmdstanpy - INFO - Chain [1] done processing
00:16:51 - cmdstanpy - INFO - Chain [1] start processing
00:16:51 - cmdstanpy - INFO - Chain [1] done processing
00:16:52 - cmdstanpy - INFO - Chain [1] start processing
00:16:52 - cmdstanpy - INFO - Chain [1] done processing
00:16:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:16:52 - cmdstanpy - INFO - Chain [1] start processing
00:16:52 - cmdstanpy - INFO - Chain [1] done processing
00:16:52 - cmdstanpy - INFO - Chain [1] start processing
00:16:52 - cmdstanpy - INFO - Chain [1] done processing
00:16:52 - cmdstanpy - INFO - Chain [1] start processing
00:16:53 - cmdstanpy - INFO - Chain [1] done processing
00:16:53 - cmdstanpy - INFO - Chain [1] start processing
00:16:53 - cmdstanpy - INFO - Chain [1] done processing
00:16:53 - cmdstanpy - INFO - Chain [1] start processing
00:16:53 - cmdstanpy - INFO - Chain [1] done processing
00:16:53 - cmdstanpy - INFO - Chain [1] start processing
00:16:54 - cmdstanpy - INFO - Chain [1] done processing
00:16:54 - cmdstanpy - INFO - Chain [1] start processing
00:16:54 - cmdstanpy - INFO - Chain [1] done processing
00:16:54 - cmdstanpy - INFO - Chain [1] start processing
00:16:54 - cmdstanpy - INFO - Chain [1] done processing
00:16:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:54 - cmdstanpy - INFO - Chain [1] start processing
00:16:55 - cmdstanpy - INFO - Chain [1] done processing
00:16:55 - cmdstanpy - INFO - Chain [1] start processing
00:16:55 - cmdstanpy - INFO - Chain [1] done processing
00:16:56 - cmdstanpy - INFO - Chain [1] start processing
00:16:56 - cmdstanpy - INFO - Chain [1] done processing
00:16:56 - cmdstanpy - INFO - Chain [1] start processing
00:16:56 - cmdstanpy - INFO - Chain [1] done processing
00:16:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:56 - cmdstanpy - INFO - Chain [1] start processing
00:16:56 - cmdstanpy - INFO - Chain [1] done processing
00:16:57 - cmdstanpy - INFO - Chain [1] start processing
00:16:57 - cmdstanpy - INFO - Chain [1] done processing
00:16:57 - cmdstanpy - INFO - Chain [1] start processing
00:16:57 - cmdstanpy - INFO - Chain [1] done processing
00:16:57 - cmdstanpy - INFO - Chain [1] start processing
00:16:57 - cmdstanpy - INFO - Chain [1] done processing
00:16:58 - cmdstanpy - INFO - Chain [1] start processing
00:16:58 - cmdstanpy - INFO - Chain [1] done processing
00:16:58 - cmdstanpy - INFO - Chain [1] start processing
00:16:58 - cmdstanpy - INFO - Chain [1] done processing
00:16:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:16:58 - cmdstanpy - INFO - Chain [1] start processing
00:16:58 - cmdstanpy - INFO - Chain [1] done processing
00:16:59 - cmdstanpy - INFO - Chain [1] start processing
00:16:59 - cmdstanpy - INFO - Chain [1] done processing
00:16:59 - cmdstanpy - INFO - Chain [1] start processing
00:16:59 - cmdstanpy - INFO - Chain [1] done processing
00:16:59 - cmdstanpy - INFO - Chain [1] start processing
00:16:59 - cmdstanpy - INFO - Chain [1] done processing
00:17:00 - cmdstanpy - INFO - Chain [1] start processing
00:17:00 - cmdstanpy - INFO - Chain [1] done processing
00:17:00 - cmdstanpy - INFO - Chain [1] start processing
00:17:00 - cmdstanpy - INFO - Chain [1] done processing
00:17:01 - cmdstanpy - INFO - Chain [1] start processing
00:17:01 - cmdstanpy - INFO - Chain [1] done processing
00:17:01 - cmdstanpy - INFO - Chain [1] start processing
00:17:01 - cmdstanpy - INFO - Chain [1] done processing
00:17:01 - cmdstanpy - INFO - Chain [1] start processing
00:17:01 - cmdstanpy - INFO - Chain [1] done processing
00:17:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:17:02 - cmdstanpy - INFO - Chain [1] done processing
00:17:02 - cmdstanpy - INFO - Chain [1] start processing
00:17:02 - cmdstanpy - INFO - Chain [1] done processing
00:17:03 - cmdstanpy - INFO - Chain [1] start processing
00:17:03 - cmdstanpy - INFO - Chain [1] done processing
00:17:03 - cmdstanpy - INFO - Chain [1] start processing
00:17:03 - cmdstanpy - INFO - Chain [1] done processing
00:17:03 - cmdstanpy - INFO - Chain [1] start processing
00:17:03 - cmdstanpy - INFO - Chain [1] done processing
00:17:04 - cmdstanpy - INFO - Chain [1] start processing
00:17:04 - cmdstanpy - INFO - Chain [1] done processing
00:17:04 - cmdstanpy - INFO - Chain [1] start processing
00:17:04 - cmdstanpy - INFO - Chain [1] done processing
00:17:05 - cmdstanpy - INFO - Chain [1] start processing
00:17:05 - cmdstanpy - INFO - Chain [1] done processing
00:17:05 - cmdstanpy - INFO - Chain [1] start processing
00:17:05 - cmdstanpy - INFO - Chain [1] done processing
00:17:05 - cmdstanpy - INFO - Chain [1] start processing
00:17:05 - cmdstanpy - INFO - Chain [1] done processing
00:17:06 - cmdstanpy - INFO - Chain [1] start processing
00:17:06 - cmdstanpy - INFO - Chain [1] done processing
00:17:06 - cmdstanpy - INFO - Chain [1] start processing
00:17:06 - cmdstanpy - INFO - Chain [1] done processing
00:17:06 - cmdstanpy - INFO - Chain [1] start processing
00:17:07 - cmdstanpy - INFO - Chain [1] done processing
00:17:07 - cmdstanpy - INFO - Chain [1] start processing
00:17:07 - cmdstanpy - INFO - Chain [1] done processing
00:17:07 - cmdstanpy - INFO - Chain [1] start processing
00:17:07 - cmdstanpy - INFO - Chain [1] done processing
00:17:08 - cmdstanpy - INFO - Chain [1] start processing
00:17:08 - cmdstanpy - INFO - Chain [1] done processing
00:17:08 - cmdstanpy - INFO - Chain [1] start processing
00:17:08 - cmdstanpy - INFO - Chain [1] done processing
00:17:08 - cmdstanpy - INFO - Chain [1] start processing
00:17:08 - cmdstanpy - INFO - Chain [1] done processing
00:17:09 - cmdstanpy - INFO - Chain [1] start processing
00:17:09 - cmdstanpy - INFO - Chain [1] done processing
00:17:09 - cmdstanpy - INFO - Chain [1] start processing
00:17:09 - cmdstanpy - INFO - Chain [1] done processing
00:17:09 - cmdstanpy - INFO - Chain [1] start processing
00:17:09 - cmdstanpy - INFO - Chain [1] done processing
00:17:10 - cmdstanpy - INFO - Chain [1] start processing
00:17:10 - cmdstanpy - INFO - Chain [1] done processing
00:17:10 - cmdstanpy - INFO - Chain [1] start processing
00:17:10 - cmdstanpy - INFO - Chain [1] done processing
00:17:10 - cmdstanpy - INFO - Chain [1] start processing
00:17:10 - cmdstanpy - INFO - Chain [1] done processing
00:17:11 - cmdstanpy - INFO - Chain [1] start processing
00:17:11 - cmdstanpy - INFO - Chain [1] done processing
00:17:11 - cmdstanpy - INFO - Chain [1] start processing
00:17:11 - cmdstanpy - INFO - Chain [1] done processing
00:17:11 - cmdstanpy - INFO - Chain [1] start processing
00:17:11 - cmdstanpy - INFO - Chain [1] done processing
00:17:12 - cmdstanpy - INFO - Chain [1] start processing
00:17:12 - cmdstanpy - INFO - Chain [1] done processing
00:17:12 - cmdstanpy - INFO - Chain [1] start processing
00:17:12 - cmdstanpy - INFO - Chain [1] done processing
00:17:12 - cmdstanpy - INFO - Chain [1] start processing
00:17:12 - cmdstanpy - INFO - Chain [1] done processing
00:17:13 - cmdstanpy - INFO - Chain [1] start processing
00:17:13 - cmdstanpy - INFO - Chain [1] done processing
00:17:13 - cmdstanpy - INFO - Chain [1] start processing
00:17:13 - cmdstanpy - INFO - Chain [1] done processing
00:17:14 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:17:14 - cmdstanpy - INFO - Chain [1] done processing
00:17:14 - cmdstanpy - INFO - Chain [1] start processing
00:17:14 - cmdstanpy - INFO - Chain [1] done processing
00:17:14 - cmdstanpy - INFO - Chain [1] start processing
00:17:14 - cmdstanpy - INFO - Chain [1] done processing
00:17:15 - cmdstanpy - INFO - Chain [1] start processing
00:17:15 - cmdstanpy - INFO - Chain [1] done processing
00:17:15 - cmdstanpy - INFO - Chain [1] start processing
00:17:15 - cmdstanpy - INFO - Chain [1] done processing
00:17:15 - cmdstanpy - INFO - Chain [1] start processing
00:17:15 - cmdstanpy - INFO - Chain [1] done processing
00:17:16 - cmdstanpy - INFO - Chain [1] start processing
00:17:16 - cmdstanpy - INFO - Chain [1] done processing
00:17:16 - cmdstanpy - INFO - Chain [1] start processing
00:17:16 - cmdstanpy - INFO - Chain [1] done processing
00:17:16 - cmdstanpy - INFO - Chain [1] start processing
00:17:17 - cmdstanpy - INFO - Chain [1] done processing
00:17:17 - cmdstanpy - INFO - Chain [1] start processing
00:17:17 - cmdstanpy - INFO - Chain [1] done processing
00:17:17 - cmdstanpy - INFO - Chain [1] start processing
00:17:17 - cmdstanpy - INFO - Chain [1] done processing
00:17:18 - cmdstanpy - INFO - Chain [1] start processing
00:17:18 - cmdstanpy - INFO - Chain [1] done processing
00:17:18 - cmdstanpy - INFO - Chain [1] start processing
00:17:18 - cmdstanpy - INFO - Chain [1] done processing
00:17:19 - cmdstanpy - INFO - Chain [1] start processing
00:17:19 - cmdstanpy - INFO - Chain [1] done processing
00:17:19 - cmdstanpy - INFO - Chain [1] start processing
00:17:19 - cmdstanpy - INFO - Chain [1] done processing
00:17:19 - cmdstanpy - INFO - Chain [1] start processing
00:17:19 - cmdstanpy - INFO - Chain [1] done processing
00:17:20 - cmdstanpy - INFO - Chain [1] start processing
00:17:20 - cmdstanpy - INFO - Chain [1] done processing
00:17:20 - cmdstanpy - INFO - Chain [1] start processing
00:17:20 - cmdstanpy - INFO - Chain [1] done processing
00:17:20 - cmdstanpy - INFO - Chain [1] start processing
00:17:20 - cmdstanpy - INFO - Chain [1] done processing
00:17:21 - cmdstanpy - INFO - Chain [1] start processing
00:17:21 - cmdstanpy - INFO - Chain [1] done processing
00:17:21 - cmdstanpy - INFO - Chain [1] start processing
00:17:21 - cmdstanpy - INFO - Chain [1] done processing
00:17:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:21 - cmdstanpy - INFO - Chain [1] start processing
00:17:21 - cmdstanpy - INFO - Chain [1] done processing
00:17:21 - cmdstanpy - INFO - Chain [1] start processing
00:17:22 - cmdstanpy - INFO - Chain [1] done processing
00:17:22 - cmdstanpy - INFO - Chain [1] start processing
00:17:22 - cmdstanpy - INFO - Chain [1] done processing
00:17:22 - cmdstanpy - INFO - Chain [1] start processing
00:17:22 - cmdstanpy - INFO - Chain [1] done processing
00:17:23 - cmdstanpy - INFO - Chain [1] start processing
00:17:23 - cmdstanpy - INFO - Chain [1] done processing
00:17:23 - cmdstanpy - INFO - Chain [1] start processing
00:17:23 - cmdstanpy - INFO - Chain [1] done processing
00:17:24 - cmdstanpy - INFO - Chain [1] start processing
00:17:24 - cmdstanpy - INFO - Chain [1] done processing
00:17:24 - cmdstanpy - INFO - Chain [1] start processing
00:17:24 - cmdstanpy - INFO - Chain [1] done processing
00:17:24 - cmdstanpy - INFO - Chain [1] start processing
00:17:24 - cmdstanpy - INFO - Chain [1] done processing
00:17:25 - cmdstanpy - INFO - Chain [1] start processing
00:17:25 - cmdstanpy - INFO - Chain [1] done processing
00:17:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:17:25 - cmdstanpy - INFO - Chain [1] done processing
00:17:25 - cmdstanpy - INFO - Chain [1] start processing
00:17:25 - cmdstanpy - INFO - Chain [1] done processing
00:17:26 - cmdstanpy - INFO - Chain [1] start processing
00:17:26 - cmdstanpy - INFO - Chain [1] done processing
00:17:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:26 - cmdstanpy - INFO - Chain [1] start processing
00:17:26 - cmdstanpy - INFO - Chain [1] done processing
00:17:26 - cmdstanpy - INFO - Chain [1] start processing
00:17:26 - cmdstanpy - INFO - Chain [1] done processing
00:17:27 - cmdstanpy - INFO - Chain [1] start processing
00:17:27 - cmdstanpy - INFO - Chain [1] done processing
00:17:27 - cmdstanpy - INFO - Chain [1] start processing
00:17:27 - cmdstanpy - INFO - Chain [1] done processing
00:17:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:27 - cmdstanpy - INFO - Chain [1] start processing
00:17:27 - cmdstanpy - INFO - Chain [1] done processing
00:17:28 - cmdstanpy - INFO - Chain [1] start processing
00:17:28 - cmdstanpy - INFO - Chain [1] done processing
00:17:28 - cmdstanpy - INFO - Chain [1] start processing
00:17:28 - cmdstanpy - INFO - Chain [1] done processing
00:17:29 - cmdstanpy - INFO - Chain [1] start processing
00:17:29 - cmdstanpy - INFO - Chain [1] done processing
00:17:29 - cmdstanpy - INFO - Chain [1] start processing
00:17:29 - cmdstanpy - INFO - Chain [1] done processing
00:17:29 - cmdstanpy - INFO - Chain [1] start processing
00:17:30 - cmdstanpy - INFO - Chain [1] done processing
00:17:30 - cmdstanpy - INFO - Chain [1] start processing
00:17:30 - cmdstanpy - INFO - Chain [1] done processing
00:17:31 - cmdstanpy - INFO - Chain [1] start processing
00:17:31 - cmdstanpy - INFO - Chain [1] done processing
00:17:31 - cmdstanpy - INFO - Chain [1] start processing
00:17:31 - cmdstanpy - INFO - Chain [1] done processing
00:17:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:31 - cmdstanpy - INFO - Chain [1] start processing
00:17:31 - cmdstanpy - INFO - Chain [1] done processing
00:17:32 - cmdstanpy - INFO - Chain [1] start processing
00:17:32 - cmdstanpy - INFO - Chain [1] done processing
00:17:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:32 - cmdstanpy - INFO - Chain [1] start processing
00:17:32 - cmdstanpy - INFO - Chain [1] done processing
00:17:33 - cmdstanpy - INFO - Chain [1] start processing
00:17:33 - cmdstanpy - INFO - Chain [1] done processing
00:17:33 - cmdstanpy - INFO - Chain [1] start processing
00:17:33 - cmdstanpy - INFO - Chain [1] done processing
00:17:34 - cmdstanpy - INFO - Chain [1] start processing
00:17:34 - cmdstanpy - INFO - Chain [1] done processing
00:17:34 - cmdstanpy - INFO - Chain [1] start processing
00:17:34 - cmdstanpy - INFO - Chain [1] done processing
00:17:34 - cmdstanpy - INFO - Chain [1] start processing
00:17:34 - cmdstanpy - INFO - Chain [1] done processing
00:17:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:34 - cmdstanpy - INFO - Chain [1] start processing
00:17:35 - cmdstanpy - INFO - Chain [1] done processing
00:17:35 - cmdstanpy - INFO - Chain [1] start processing
00:17:35 - cmdstanpy - INFO - Chain [1] done processing
00:17:35 - cmdstanpy - INFO - Chain [1] start processing
00:17:35 - cmdstanpy - INFO - Chain [1] done processing
00:17:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:17:35 - cmdstanpy - INFO - Chain [1] start processing
00:17:36 - cmdstanpy - INFO - Chain [1] done processing
00:17:36 - cmdstanpy - INFO - Chain [1] start processing
00:17:36 - cmdstanpy - INFO - Chain [1] done processing
00:17:37 - cmdstanpy - INFO - Chain [1] start processing
00:17:37 - cmdstanpy - INFO - Chain [1] done processing
00:17:37 - cmdstanpy - INFO - Chain [1] start processing
00:17:37 - cmdstanpy - INFO - Chain [1] done processing
00:17:37 - cmdstanpy - INFO - Chain [1] start processing
00:17:37 - cmdstanpy - INFO - Chain [1] done processing
00:17:38 - cmdstanpy - INFO - Chain [1] start processing
00:17:38 - cmdstanpy - INFO - Chain [1] done processing
00:17:38 - cmdstanpy - INFO - Chain [1] start processing
00:17:38 - cmdstanpy - INFO - Chain [1] done processing
00:17:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:38 - cmdstanpy - INFO - Chain [1] start processing
00:17:38 - cmdstanpy - INFO - Chain [1] done processing
00:17:39 - cmdstanpy - INFO - Chain [1] start processing
00:17:39 - cmdstanpy - INFO - Chain [1] done processing
00:17:39 - cmdstanpy - INFO - Chain [1] start processing
00:17:39 - cmdstanpy - INFO - Chain [1] done processing
00:17:40 - cmdstanpy - INFO - Chain [1] start processing
00:17:40 - cmdstanpy - INFO - Chain [1] done processing
00:17:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:40 - cmdstanpy - INFO - Chain [1] start processing
00:17:40 - cmdstanpy - INFO - Chain [1] done processing
00:17:40 - cmdstanpy - INFO - Chain [1] start processing
00:17:40 - cmdstanpy - INFO - Chain [1] done processing
00:17:41 - cmdstanpy - INFO - Chain [1] start processing
00:17:41 - cmdstanpy - INFO - Chain [1] done processing
00:17:41 - cmdstanpy - INFO - Chain [1] start processing
00:17:41 - cmdstanpy - INFO - Chain [1] done processing
00:17:41 - cmdstanpy - INFO - Chain [1] start processing
00:17:41 - cmdstanpy - INFO - Chain [1] done processing
00:17:42 - cmdstanpy - INFO - Chain [1] start processing
00:17:42 - cmdstanpy - INFO - Chain [1] done processing
00:17:42 - cmdstanpy - INFO - Chain [1] start processing
00:17:42 - cmdstanpy - INFO - Chain [1] done processing
00:17:42 - cmdstanpy - INFO - Chain [1] start processing
00:17:42 - cmdstanpy - INFO - Chain [1] done processing
00:17:43 - cmdstanpy - INFO - Chain [1] start processing
00:17:43 - cmdstanpy - INFO - Chain [1] done processing
00:17:43 - cmdstanpy - INFO - Chain [1] start processing
00:17:43 - cmdstanpy - INFO - Chain [1] done processing
00:17:44 - cmdstanpy - INFO - Chain [1] start processing
00:17:44 - cmdstanpy - INFO - Chain [1] done processing
00:17:44 - cmdstanpy - INFO - Chain [1] start processing
00:17:44 - cmdstanpy - INFO - Chain [1] done processing
00:17:44 - cmdstanpy - INFO - Chain [1] start processing
00:17:44 - cmdstanpy - INFO - Chain [1] done processing
00:17:45 - cmdstanpy - INFO - Chain [1] start processing
00:17:45 - cmdstanpy - INFO - Chain [1] done processing
00:17:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:45 - cmdstanpy - INFO - Chain [1] start processing
00:17:45 - cmdstanpy - INFO - Chain [1] done processing
00:17:45 - cmdstanpy - INFO - Chain [1] start processing
00:17:45 - cmdstanpy - INFO - Chain [1] done processing
00:17:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:17:46 - cmdstanpy - INFO - Chain [1] done processing
00:17:46 - cmdstanpy - INFO - Chain [1] start processing
00:17:46 - cmdstanpy - INFO - Chain [1] done processing
00:17:46 - cmdstanpy - INFO - Chain [1] start processing
00:17:46 - cmdstanpy - INFO - Chain [1] done processing
00:17:47 - cmdstanpy - INFO - Chain [1] start processing
00:17:47 - cmdstanpy - INFO - Chain [1] done processing
00:17:47 - cmdstanpy - INFO - Chain [1] start processing
00:17:47 - cmdstanpy - INFO - Chain [1] done processing
00:17:47 - cmdstanpy - INFO - Chain [1] start processing
00:17:47 - cmdstanpy - INFO - Chain [1] done processing
00:17:48 - cmdstanpy - INFO - Chain [1] start processing
00:17:48 - cmdstanpy - INFO - Chain [1] done processing
00:17:48 - cmdstanpy - INFO - Chain [1] start processing
00:17:48 - cmdstanpy - INFO - Chain [1] done processing
00:17:48 - cmdstanpy - INFO - Chain [1] start processing
00:17:48 - cmdstanpy - INFO - Chain [1] done processing
00:17:49 - cmdstanpy - INFO - Chain [1] start processing
00:17:49 - cmdstanpy - INFO - Chain [1] done processing
00:17:49 - cmdstanpy - INFO - Chain [1] start processing
00:17:49 - cmdstanpy - INFO - Chain [1] done processing
00:17:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:49 - cmdstanpy - INFO - Chain [1] start processing
00:17:50 - cmdstanpy - INFO - Chain [1] done processing
00:17:50 - cmdstanpy - INFO - Chain [1] start processing
00:17:50 - cmdstanpy - INFO - Chain [1] done processing
00:17:50 - cmdstanpy - INFO - Chain [1] start processing
00:17:50 - cmdstanpy - INFO - Chain [1] done processing
00:17:50 - cmdstanpy - INFO - Chain [1] start processing
00:17:51 - cmdstanpy - INFO - Chain [1] done processing
00:17:51 - cmdstanpy - INFO - Chain [1] start processing
00:17:51 - cmdstanpy - INFO - Chain [1] done processing
00:17:51 - cmdstanpy - INFO - Chain [1] start processing
00:17:51 - cmdstanpy - INFO - Chain [1] done processing
00:17:52 - cmdstanpy - INFO - Chain [1] start processing
00:17:52 - cmdstanpy - INFO - Chain [1] done processing
00:17:52 - cmdstanpy - INFO - Chain [1] start processing
00:17:52 - cmdstanpy - INFO - Chain [1] done processing
00:17:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:52 - cmdstanpy - INFO - Chain [1] start processing
00:17:52 - cmdstanpy - INFO - Chain [1] done processing
00:17:53 - cmdstanpy - INFO - Chain [1] start processing
00:17:53 - cmdstanpy - INFO - Chain [1] done processing
00:17:53 - cmdstanpy - INFO - Chain [1] start processing
00:17:53 - cmdstanpy - INFO - Chain [1] done processing
00:17:53 - cmdstanpy - INFO - Chain [1] start processing
00:17:53 - cmdstanpy - INFO - Chain [1] done processing
00:17:54 - cmdstanpy - INFO - Chain [1] start processing
00:17:54 - cmdstanpy - INFO - Chain [1] done processing
00:17:54 - cmdstanpy - INFO - Chain [1] start processing
00:17:54 - cmdstanpy - INFO - Chain [1] done processing
00:17:54 - cmdstanpy - INFO - Chain [1] start processing
00:17:54 - cmdstanpy - INFO - Chain [1] done processing
00:17:55 - cmdstanpy - INFO - Chain [1] start processing
00:17:55 - cmdstanpy - INFO - Chain [1] done processing
00:17:55 - cmdstanpy - INFO - Chain [1] start processing
00:17:55 - cmdstanpy - INFO - Chain [1] done processing
00:17:55 - cmdstanpy - INFO - Chain [1] start processing
00:17:55 - cmdstanpy - INFO - Chain [1] done processing
00:17:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:55 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:17:56 - cmdstanpy - INFO - Chain [1] done processing
00:17:56 - cmdstanpy - INFO - Chain [1] start processing
00:17:56 - cmdstanpy - INFO - Chain [1] done processing
00:17:56 - cmdstanpy - INFO - Chain [1] start processing
00:17:56 - cmdstanpy - INFO - Chain [1] done processing
00:17:56 - cmdstanpy - INFO - Chain [1] start processing
00:17:57 - cmdstanpy - INFO - Chain [1] done processing
00:17:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:57 - cmdstanpy - INFO - Chain [1] start processing
00:17:57 - cmdstanpy - INFO - Chain [1] done processing
00:17:57 - cmdstanpy - INFO - Chain [1] start processing
00:17:57 - cmdstanpy - INFO - Chain [1] done processing
00:17:57 - cmdstanpy - INFO - Chain [1] start processing
00:17:57 - cmdstanpy - INFO - Chain [1] done processing
00:17:58 - cmdstanpy - INFO - Chain [1] start processing
00:17:58 - cmdstanpy - INFO - Chain [1] done processing
00:17:58 - cmdstanpy - INFO - Chain [1] start processing
00:17:58 - cmdstanpy - INFO - Chain [1] done processing
00:17:58 - cmdstanpy - INFO - Chain [1] start processing
00:17:58 - cmdstanpy - INFO - Chain [1] done processing
00:17:58 - cmdstanpy - INFO - Chain [1] start processing
00:17:59 - cmdstanpy - INFO - Chain [1] done processing
00:17:59 - cmdstanpy - INFO - Chain [1] start processing
00:17:59 - cmdstanpy - INFO - Chain [1] done processing
00:17:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:17:59 - cmdstanpy - INFO - Chain [1] start processing
00:17:59 - cmdstanpy - INFO - Chain [1] done processing
00:17:59 - cmdstanpy - INFO - Chain [1] start processing
00:18:00 - cmdstanpy - INFO - Chain [1] done processing
00:18:00 - cmdstanpy - INFO - Chain [1] start processing
00:18:00 - cmdstanpy - INFO - Chain [1] done processing
00:18:00 - cmdstanpy - INFO - Chain [1] start processing
00:18:00 - cmdstanpy - INFO - Chain [1] done processing
00:18:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:00 - cmdstanpy - INFO - Chain [1] start processing
00:18:01 - cmdstanpy - INFO - Chain [1] done processing
00:18:01 - cmdstanpy - INFO - Chain [1] start processing
00:18:01 - cmdstanpy - INFO - Chain [1] done processing
00:18:01 - cmdstanpy - INFO - Chain [1] start processing
00:18:01 - cmdstanpy - INFO - Chain [1] done processing
00:18:02 - cmdstanpy - INFO - Chain [1] start processing
00:18:02 - cmdstanpy - INFO - Chain [1] done processing
00:18:02 - cmdstanpy - INFO - Chain [1] start processing
00:18:02 - cmdstanpy - INFO - Chain [1] done processing
00:18:02 - cmdstanpy - INFO - Chain [1] start processing
00:18:02 - cmdstanpy - INFO - Chain [1] done processing
00:18:03 - cmdstanpy - INFO - Chain [1] start processing
00:18:03 - cmdstanpy - INFO - Chain [1] done processing
00:18:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:03 - cmdstanpy - INFO - Chain [1] start processing
00:18:03 - cmdstanpy - INFO - Chain [1] done processing
00:18:03 - cmdstanpy - INFO - Chain [1] start processing
00:18:03 - cmdstanpy - INFO - Chain [1] done processing
00:18:04 - cmdstanpy - INFO - Chain [1] start processing
00:18:04 - cmdstanpy - INFO - Chain [1] done processing
00:18:04 - cmdstanpy - INFO - Chain [1] start processing
00:18:04 - cmdstanpy - INFO - Chain [1] done processing
00:18:04 - cmdstanpy - INFO - Chain [1] start processing
00:18:04 - cmdstanpy - INFO - Chain [1] done processing
00:18:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:18:05 - cmdstanpy - INFO - Chain [1] done processing
00:18:05 - cmdstanpy - INFO - Chain [1] start processing
00:18:05 - cmdstanpy - INFO - Chain [1] done processing
00:18:05 - cmdstanpy - INFO - Chain [1] start processing
00:18:05 - cmdstanpy - INFO - Chain [1] done processing
00:18:06 - cmdstanpy - INFO - Chain [1] start processing
00:18:06 - cmdstanpy - INFO - Chain [1] done processing
00:18:06 - cmdstanpy - INFO - Chain [1] start processing
00:18:06 - cmdstanpy - INFO - Chain [1] done processing
00:18:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:06 - cmdstanpy - INFO - Chain [1] start processing
00:18:06 - cmdstanpy - INFO - Chain [1] done processing
00:18:07 - cmdstanpy - INFO - Chain [1] start processing
00:18:07 - cmdstanpy - INFO - Chain [1] done processing
00:18:07 - cmdstanpy - INFO - Chain [1] start processing
00:18:07 - cmdstanpy - INFO - Chain [1] done processing
00:18:07 - cmdstanpy - INFO - Chain [1] start processing
00:18:07 - cmdstanpy - INFO - Chain [1] done processing
00:18:08 - cmdstanpy - INFO - Chain [1] start processing
00:18:08 - cmdstanpy - INFO - Chain [1] done processing
00:18:08 - cmdstanpy - INFO - Chain [1] start processing
00:18:08 - cmdstanpy - INFO - Chain [1] done processing
00:18:08 - cmdstanpy - INFO - Chain [1] start processing
00:18:08 - cmdstanpy - INFO - Chain [1] done processing
00:18:09 - cmdstanpy - INFO - Chain [1] start processing
00:18:09 - cmdstanpy - INFO - Chain [1] done processing
00:18:09 - cmdstanpy - INFO - Chain [1] start processing
00:18:09 - cmdstanpy - INFO - Chain [1] done processing
00:18:09 - cmdstanpy - INFO - Chain [1] start processing
00:18:09 - cmdstanpy - INFO - Chain [1] done processing
00:18:10 - cmdstanpy - INFO - Chain [1] start processing
00:18:10 - cmdstanpy - INFO - Chain [1] done processing
00:18:10 - cmdstanpy - INFO - Chain [1] start processing
00:18:10 - cmdstanpy - INFO - Chain [1] done processing
00:18:10 - cmdstanpy - INFO - Chain [1] start processing
00:18:10 - cmdstanpy - INFO - Chain [1] done processing
00:18:11 - cmdstanpy - INFO - Chain [1] start processing
00:18:11 - cmdstanpy - INFO - Chain [1] done processing
00:18:11 - cmdstanpy - INFO - Chain [1] start processing
00:18:11 - cmdstanpy - INFO - Chain [1] done processing
00:18:11 - cmdstanpy - INFO - Chain [1] start processing
00:18:11 - cmdstanpy - INFO - Chain [1] done processing
00:18:12 - cmdstanpy - INFO - Chain [1] start processing
00:18:12 - cmdstanpy - INFO - Chain [1] done processing
00:18:12 - cmdstanpy - INFO - Chain [1] start processing
00:18:12 - cmdstanpy - INFO - Chain [1] done processing
00:18:12 - cmdstanpy - INFO - Chain [1] start processing
00:18:12 - cmdstanpy - INFO - Chain [1] done processing
00:18:13 - cmdstanpy - INFO - Chain [1] start processing
00:18:13 - cmdstanpy - INFO - Chain [1] done processing
00:18:13 - cmdstanpy - INFO - Chain [1] start processing
00:18:13 - cmdstanpy - INFO - Chain [1] done processing
00:18:13 - cmdstanpy - INFO - Chain [1] start processing
00:18:13 - cmdstanpy - INFO - Chain [1] done processing
00:18:14 - cmdstanpy - INFO - Chain [1] start processing
00:18:14 - cmdstanpy - INFO - Chain [1] done processing
00:18:14 - cmdstanpy - INFO - Chain [1] start processing
00:18:14 - cmdstanpy - INFO - Chain [1] done processing
00:18:14 - cmdstanpy - INFO - Chain [1] start processing
00:18:14 - cmdstanpy - INFO - Chain [1] done processing
00:18:15 - cmdstanpy - INFO - Chain [1] start processing
00:18:15 - cmdstanpy - INFO - Chain [1] done processing
00:18:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:18:15 - cmdstanpy - INFO - Chain [1] done processing
00:18:15 - cmdstanpy - INFO - Chain [1] start processing
00:18:15 - cmdstanpy - INFO - Chain [1] done processing
00:18:15 - cmdstanpy - INFO - Chain [1] start processing
00:18:16 - cmdstanpy - INFO - Chain [1] done processing
00:18:16 - cmdstanpy - INFO - Chain [1] start processing
00:18:16 - cmdstanpy - INFO - Chain [1] done processing
00:18:16 - cmdstanpy - INFO - Chain [1] start processing
00:18:16 - cmdstanpy - INFO - Chain [1] done processing
00:18:17 - cmdstanpy - INFO - Chain [1] start processing
00:18:17 - cmdstanpy - INFO - Chain [1] done processing
00:18:17 - cmdstanpy - INFO - Chain [1] start processing
00:18:17 - cmdstanpy - INFO - Chain [1] done processing
00:18:17 - cmdstanpy - INFO - Chain [1] start processing
00:18:17 - cmdstanpy - INFO - Chain [1] done processing
00:18:18 - cmdstanpy - INFO - Chain [1] start processing
00:18:18 - cmdstanpy - INFO - Chain [1] done processing
00:18:18 - cmdstanpy - INFO - Chain [1] start processing
00:18:18 - cmdstanpy - INFO - Chain [1] done processing
00:18:18 - cmdstanpy - INFO - Chain [1] start processing
00:18:18 - cmdstanpy - INFO - Chain [1] done processing
00:18:19 - cmdstanpy - INFO - Chain [1] start processing
00:18:19 - cmdstanpy - INFO - Chain [1] done processing
00:18:19 - cmdstanpy - INFO - Chain [1] start processing
00:18:19 - cmdstanpy - INFO - Chain [1] done processing
00:18:19 - cmdstanpy - INFO - Chain [1] start processing
00:18:19 - cmdstanpy - INFO - Chain [1] done processing
00:18:20 - cmdstanpy - INFO - Chain [1] start processing
00:18:20 - cmdstanpy - INFO - Chain [1] done processing
00:18:20 - cmdstanpy - INFO - Chain [1] start processing
00:18:20 - cmdstanpy - INFO - Chain [1] done processing
00:18:20 - cmdstanpy - INFO - Chain [1] start processing
00:18:20 - cmdstanpy - INFO - Chain [1] done processing
00:18:21 - cmdstanpy - INFO - Chain [1] start processing
00:18:21 - cmdstanpy - INFO - Chain [1] done processing
00:18:21 - cmdstanpy - INFO - Chain [1] start processing
00:18:21 - cmdstanpy - INFO - Chain [1] done processing
00:18:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:21 - cmdstanpy - INFO - Chain [1] start processing
00:18:21 - cmdstanpy - INFO - Chain [1] done processing
00:18:22 - cmdstanpy - INFO - Chain [1] start processing
00:18:22 - cmdstanpy - INFO - Chain [1] done processing
00:18:22 - cmdstanpy - INFO - Chain [1] start processing
00:18:22 - cmdstanpy - INFO - Chain [1] done processing
00:18:22 - cmdstanpy - INFO - Chain [1] start processing
00:18:22 - cmdstanpy - INFO - Chain [1] done processing
00:18:23 - cmdstanpy - INFO - Chain [1] start processing
00:18:23 - cmdstanpy - INFO - Chain [1] done processing
00:18:23 - cmdstanpy - INFO - Chain [1] start processing
00:18:23 - cmdstanpy - INFO - Chain [1] done processing
00:18:23 - cmdstanpy - INFO - Chain [1] start processing
00:18:23 - cmdstanpy - INFO - Chain [1] done processing
00:18:24 - cmdstanpy - INFO - Chain [1] start processing
00:18:24 - cmdstanpy - INFO - Chain [1] done processing
00:18:24 - cmdstanpy - INFO - Chain [1] start processing
00:18:24 - cmdstanpy - INFO - Chain [1] done processing
00:18:24 - cmdstanpy - INFO - Chain [1] start processing
00:18:24 - cmdstanpy - INFO - Chain [1] done processing
00:18:25 - cmdstanpy - INFO - Chain [1] start processing
00:18:25 - cmdstanpy - INFO - Chain [1] done processing
00:18:25 - cmdstanpy - INFO - Chain [1] start processing
00:18:25 - cmdstanpy - INFO - Chain [1] done processing
00:18:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:18:25 - cmdstanpy - INFO - Chain [1] done processing
00:18:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:25 - cmdstanpy - INFO - Chain [1] start processing
00:18:26 - cmdstanpy - INFO - Chain [1] done processing
00:18:26 - cmdstanpy - INFO - Chain [1] start processing
00:18:26 - cmdstanpy - INFO - Chain [1] done processing
00:18:26 - cmdstanpy - INFO - Chain [1] start processing
00:18:26 - cmdstanpy - INFO - Chain [1] done processing
00:18:27 - cmdstanpy - INFO - Chain [1] start processing
00:18:27 - cmdstanpy - INFO - Chain [1] done processing
00:18:27 - cmdstanpy - INFO - Chain [1] start processing
00:18:27 - cmdstanpy - INFO - Chain [1] done processing
00:18:27 - cmdstanpy - INFO - Chain [1] start processing
00:18:27 - cmdstanpy - INFO - Chain [1] done processing
00:18:28 - cmdstanpy - INFO - Chain [1] start processing
00:18:28 - cmdstanpy - INFO - Chain [1] done processing
00:18:28 - cmdstanpy - INFO - Chain [1] start processing
00:18:28 - cmdstanpy - INFO - Chain [1] done processing
00:18:28 - cmdstanpy - INFO - Chain [1] start processing
00:18:28 - cmdstanpy - INFO - Chain [1] done processing
00:18:29 - cmdstanpy - INFO - Chain [1] start processing
00:18:29 - cmdstanpy - INFO - Chain [1] done processing
00:18:29 - cmdstanpy - INFO - Chain [1] start processing
00:18:29 - cmdstanpy - INFO - Chain [1] done processing
00:18:29 - cmdstanpy - INFO - Chain [1] start processing
00:18:29 - cmdstanpy - INFO - Chain [1] done processing
00:18:30 - cmdstanpy - INFO - Chain [1] start processing
00:18:30 - cmdstanpy - INFO - Chain [1] done processing
00:18:30 - cmdstanpy - INFO - Chain [1] start processing
00:18:30 - cmdstanpy - INFO - Chain [1] done processing
00:18:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:30 - cmdstanpy - INFO - Chain [1] start processing
00:18:30 - cmdstanpy - INFO - Chain [1] done processing
00:18:31 - cmdstanpy - INFO - Chain [1] start processing
00:18:31 - cmdstanpy - INFO - Chain [1] done processing
00:18:31 - cmdstanpy - INFO - Chain [1] start processing
00:18:31 - cmdstanpy - INFO - Chain [1] done processing
00:18:31 - cmdstanpy - INFO - Chain [1] start processing
00:18:31 - cmdstanpy - INFO - Chain [1] done processing
00:18:32 - cmdstanpy - INFO - Chain [1] start processing
00:18:32 - cmdstanpy - INFO - Chain [1] done processing
00:18:32 - cmdstanpy - INFO - Chain [1] start processing
00:18:32 - cmdstanpy - INFO - Chain [1] done processing
00:18:32 - cmdstanpy - INFO - Chain [1] start processing
00:18:32 - cmdstanpy - INFO - Chain [1] done processing
00:18:33 - cmdstanpy - INFO - Chain [1] start processing
00:18:33 - cmdstanpy - INFO - Chain [1] done processing
00:18:33 - cmdstanpy - INFO - Chain [1] start processing
00:18:33 - cmdstanpy - INFO - Chain [1] done processing
00:18:33 - cmdstanpy - INFO - Chain [1] start processing
00:18:33 - cmdstanpy - INFO - Chain [1] done processing
00:18:34 - cmdstanpy - INFO - Chain [1] start processing
00:18:34 - cmdstanpy - INFO - Chain [1] done processing
00:18:34 - cmdstanpy - INFO - Chain [1] start processing
00:18:34 - cmdstanpy - INFO - Chain [1] done processing
00:18:34 - cmdstanpy - INFO - Chain [1] start processing
00:18:34 - cmdstanpy - INFO - Chain [1] done processing
00:18:35 - cmdstanpy - INFO - Chain [1] start processing
00:18:35 - cmdstanpy - INFO - Chain [1] done processing
00:18:35 - cmdstanpy - INFO - Chain [1] start processing
00:18:35 - cmdstanpy - INFO - Chain [1] done processing
00:18:35 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:18:35 - cmdstanpy - INFO - Chain [1] done processing
00:18:36 - cmdstanpy - INFO - Chain [1] start processing
00:18:36 - cmdstanpy - INFO - Chain [1] done processing
00:18:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:36 - cmdstanpy - INFO - Chain [1] start processing
00:18:36 - cmdstanpy - INFO - Chain [1] done processing
00:18:36 - cmdstanpy - INFO - Chain [1] start processing
00:18:36 - cmdstanpy - INFO - Chain [1] done processing
00:18:37 - cmdstanpy - INFO - Chain [1] start processing
00:18:37 - cmdstanpy - INFO - Chain [1] done processing
00:18:37 - cmdstanpy - INFO - Chain [1] start processing
00:18:37 - cmdstanpy - INFO - Chain [1] done processing
00:18:37 - cmdstanpy - INFO - Chain [1] start processing
00:18:37 - cmdstanpy - INFO - Chain [1] done processing
00:18:38 - cmdstanpy - INFO - Chain [1] start processing
00:18:38 - cmdstanpy - INFO - Chain [1] done processing
00:18:38 - cmdstanpy - INFO - Chain [1] start processing
00:18:38 - cmdstanpy - INFO - Chain [1] done processing
00:18:38 - cmdstanpy - INFO - Chain [1] start processing
00:18:38 - cmdstanpy - INFO - Chain [1] done processing
00:18:39 - cmdstanpy - INFO - Chain [1] start processing
00:18:39 - cmdstanpy - INFO - Chain [1] done processing
00:18:39 - cmdstanpy - INFO - Chain [1] start processing
00:18:39 - cmdstanpy - INFO - Chain [1] done processing
00:18:40 - cmdstanpy - INFO - Chain [1] start processing
00:18:40 - cmdstanpy - INFO - Chain [1] done processing
00:18:40 - cmdstanpy - INFO - Chain [1] start processing
00:18:40 - cmdstanpy - INFO - Chain [1] done processing
00:18:40 - cmdstanpy - INFO - Chain [1] start processing
00:18:40 - cmdstanpy - INFO - Chain [1] done processing
00:18:41 - cmdstanpy - INFO - Chain [1] start processing
00:18:41 - cmdstanpy - INFO - Chain [1] done processing
00:18:41 - cmdstanpy - INFO - Chain [1] start processing
00:18:41 - cmdstanpy - INFO - Chain [1] done processing
00:18:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:41 - cmdstanpy - INFO - Chain [1] start processing
00:18:41 - cmdstanpy - INFO - Chain [1] done processing
00:18:41 - cmdstanpy - INFO - Chain [1] start processing
00:18:41 - cmdstanpy - INFO - Chain [1] done processing
00:18:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:41 - cmdstanpy - INFO - Chain [1] start processing
00:18:42 - cmdstanpy - INFO - Chain [1] done processing
00:18:42 - cmdstanpy - INFO - Chain [1] start processing
00:18:42 - cmdstanpy - INFO - Chain [1] done processing
00:18:42 - cmdstanpy - INFO - Chain [1] start processing
00:18:42 - cmdstanpy - INFO - Chain [1] done processing
00:18:43 - cmdstanpy - INFO - Chain [1] start processing
00:18:43 - cmdstanpy - INFO - Chain [1] done processing
00:18:43 - cmdstanpy - INFO - Chain [1] start processing
00:18:43 - cmdstanpy - INFO - Chain [1] done processing
00:18:43 - cmdstanpy - INFO - Chain [1] start processing
00:18:43 - cmdstanpy - INFO - Chain [1] done processing
00:18:44 - cmdstanpy - INFO - Chain [1] start processing
00:18:44 - cmdstanpy - INFO - Chain [1] done processing
00:18:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:44 - cmdstanpy - INFO - Chain [1] start processing
00:18:44 - cmdstanpy - INFO - Chain [1] done processing
00:18:44 - cmdstanpy - INFO - Chain [1] start processing
00:18:44 - cmdstanpy - INFO - Chain [1] done processing
00:18:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:18:45 - cmdstanpy - INFO - Chain [1] start processing
00:18:45 - cmdstanpy - INFO - Chain [1] done processing
00:18:45 - cmdstanpy - INFO - Chain [1] start processing
00:18:45 - cmdstanpy - INFO - Chain [1] done processing
00:18:46 - cmdstanpy - INFO - Chain [1] start processing
00:18:46 - cmdstanpy - INFO - Chain [1] done processing
00:18:46 - cmdstanpy - INFO - Chain [1] start processing
00:18:47 - cmdstanpy - INFO - Chain [1] done processing
00:18:47 - cmdstanpy - INFO - Chain [1] start processing
00:18:47 - cmdstanpy - INFO - Chain [1] done processing
00:18:48 - cmdstanpy - INFO - Chain [1] start processing
00:18:48 - cmdstanpy - INFO - Chain [1] done processing
00:18:48 - cmdstanpy - INFO - Chain [1] start processing
00:18:48 - cmdstanpy - INFO - Chain [1] done processing
00:18:48 - cmdstanpy - INFO - Chain [1] start processing
00:18:49 - cmdstanpy - INFO - Chain [1] done processing
00:18:49 - cmdstanpy - INFO - Chain [1] start processing
00:18:49 - cmdstanpy - INFO - Chain [1] done processing
00:18:49 - cmdstanpy - INFO - Chain [1] start processing
00:18:49 - cmdstanpy - INFO - Chain [1] done processing
00:18:50 - cmdstanpy - INFO - Chain [1] start processing
00:18:50 - cmdstanpy - INFO - Chain [1] done processing
00:18:50 - cmdstanpy - INFO - Chain [1] start processing
00:18:50 - cmdstanpy - INFO - Chain [1] done processing
00:18:50 - cmdstanpy - INFO - Chain [1] start processing
00:18:50 - cmdstanpy - INFO - Chain [1] done processing
00:18:51 - cmdstanpy - INFO - Chain [1] start processing
00:18:51 - cmdstanpy - INFO - Chain [1] done processing
00:18:51 - cmdstanpy - INFO - Chain [1] start processing
00:18:51 - cmdstanpy - INFO - Chain [1] done processing
00:18:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:51 - cmdstanpy - INFO - Chain [1] start processing
00:18:51 - cmdstanpy - INFO - Chain [1] done processing
00:18:52 - cmdstanpy - INFO - Chain [1] start processing
00:18:52 - cmdstanpy - INFO - Chain [1] done processing
00:18:52 - cmdstanpy - INFO - Chain [1] start processing
00:18:52 - cmdstanpy - INFO - Chain [1] done processing
00:18:52 - cmdstanpy - INFO - Chain [1] start processing
00:18:52 - cmdstanpy - INFO - Chain [1] done processing
00:18:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:52 - cmdstanpy - INFO - Chain [1] start processing
00:18:53 - cmdstanpy - INFO - Chain [1] done processing
00:18:53 - cmdstanpy - INFO - Chain [1] start processing
00:18:53 - cmdstanpy - INFO - Chain [1] done processing
00:18:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:53 - cmdstanpy - INFO - Chain [1] start processing
00:18:54 - cmdstanpy - INFO - Chain [1] done processing
00:18:54 - cmdstanpy - INFO - Chain [1] start processing
00:18:54 - cmdstanpy - INFO - Chain [1] done processing
00:18:54 - cmdstanpy - INFO - Chain [1] start processing
00:18:54 - cmdstanpy - INFO - Chain [1] done processing
00:18:55 - cmdstanpy - INFO - Chain [1] start processing
00:18:55 - cmdstanpy - INFO - Chain [1] done processing
00:18:55 - cmdstanpy - INFO - Chain [1] start processing
00:18:55 - cmdstanpy - INFO - Chain [1] done processing
00:18:55 - cmdstanpy - INFO - Chain [1] start processing
00:18:55 - cmdstanpy - INFO - Chain [1] done processing
00:18:56 - cmdstanpy - INFO - Chain [1] start processing
00:18:56 - cmdstanpy - INFO - Chain [1] done processing
00:18:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:18:56 - cmdstanpy - INFO - Chain [1] start processing
00:18:56 - cmdstanpy - INFO - Chain [1] done processing
00:18:56 - cmdstanpy - INFO - Chain [1] start processing
00:18:56 - cmdstanpy - INFO - Chain [1] done processing
00:18:57 - cmdstanpy - INFO - Chain [1] start processing
00:18:57 - cmdstanpy - INFO - Chain [1] done processing
00:18:57 - cmdstanpy - INFO - Chain [1] start processing
00:18:57 - cmdstanpy - INFO - Chain [1] done processing
00:18:58 - cmdstanpy - INFO - Chain [1] start processing
00:18:58 - cmdstanpy - INFO - Chain [1] done processing
00:18:58 - cmdstanpy - INFO - Chain [1] start processing
00:18:58 - cmdstanpy - INFO - Chain [1] done processing
00:18:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:18:58 - cmdstanpy - INFO - Chain [1] start processing
00:18:59 - cmdstanpy - INFO - Chain [1] done processing
00:18:59 - cmdstanpy - INFO - Chain [1] start processing
00:18:59 - cmdstanpy - INFO - Chain [1] done processing
00:18:59 - cmdstanpy - INFO - Chain [1] start processing
00:19:00 - cmdstanpy - INFO - Chain [1] done processing
00:19:00 - cmdstanpy - INFO - Chain [1] start processing
00:19:00 - cmdstanpy - INFO - Chain [1] done processing
00:19:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:19:00 - cmdstanpy - INFO - Chain [1] start processing
00:19:00 - cmdstanpy - INFO - Chain [1] done processing
00:19:01 - cmdstanpy - INFO - Chain [1] start processing
00:19:01 - cmdstanpy - INFO - Chain [1] done processing
00:19:01 - cmdstanpy - INFO - Chain [1] start processing
00:19:01 - cmdstanpy - INFO - Chain [1] done processing
00:19:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:19:01 - cmdstanpy - INFO - Chain [1] start processing
00:19:01 - cmdstanpy - INFO - Chain [1] done processing
00:19:02 - cmdstanpy - INFO - Chain [1] start processing
00:19:02 - cmdstanpy - INFO - Chain [1] done processing
00:19:02 - cmdstanpy - INFO - Chain [1] start processing
00:19:02 - cmdstanpy - INFO - Chain [1] done processing
00:19:02 - cmdstanpy - INFO - Chain [1] start processing
00:19:03 - cmdstanpy - INFO - Chain [1] done processing
00:19:03 - cmdstanpy - INFO - Chain [1] start processing
00:19:03 - cmdstanpy - INFO - Chain [1] done processing
00:19:03 - cmdstanpy - INFO - Chain [1] start processing
00:19:03 - cmdstanpy - INFO - Chain [1] done processing
00:19:04 - cmdstanpy - INFO - Chain [1] start processing
00:19:04 - cmdstanpy - INFO - Chain [1] done processing
00:19:04 - cmdstanpy - INFO - Chain [1] start processing
00:19:04 - cmdstanpy - INFO - Chain [1] done processing
00:19:04 - cmdstanpy - INFO - Chain [1] start processing
00:19:05 - cmdstanpy - INFO - Chain [1] done processing
00:19:05 - cmdstanpy - INFO - Chain [1] start processing
00:19:05 - cmdstanpy - INFO - Chain [1] done processing
00:19:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:19:05 - cmdstanpy - INFO - Chain [1] start processing
00:19:06 - cmdstanpy - INFO - Chain [1] done processing
00:19:06 - cmdstanpy - INFO - Chain [1] start processing
00:19:06 - cmdstanpy - INFO - Chain [1] done processing
00:19:06 - cmdstanpy - INFO - Chain [1] start processing
00:19:06 - cmdstanpy - INFO - Chain [1] done processing
00:19:07 - cmdstanpy - INFO - Chain [1] start processing
00:19:07 - cmdstanpy - INFO - Chain [1] done processing
00:19:07 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:19:07 - cmdstanpy - INFO - Chain [1] done processing
00:19:07 - cmdstanpy - INFO - Chain [1] start processing
00:19:07 - cmdstanpy - INFO - Chain [1] done processing
00:19:08 - cmdstanpy - INFO - Chain [1] start processing
00:19:08 - cmdstanpy - INFO - Chain [1] done processing
00:19:08 - cmdstanpy - INFO - Chain [1] start processing
00:19:08 - cmdstanpy - INFO - Chain [1] done processing
00:19:09 - cmdstanpy - INFO - Chain [1] start processing
00:19:09 - cmdstanpy - INFO - Chain [1] done processing
00:19:09 - cmdstanpy - INFO - Chain [1] start processing
00:19:09 - cmdstanpy - INFO - Chain [1] done processing
00:19:09 - cmdstanpy - INFO - Chain [1] start processing
00:19:10 - cmdstanpy - INFO - Chain [1] done processing
00:19:10 - cmdstanpy - INFO - Chain [1] start processing
00:19:10 - cmdstanpy - INFO - Chain [1] done processing
00:19:10 - cmdstanpy - INFO - Chain [1] start processing
00:19:10 - cmdstanpy - INFO - Chain [1] done processing
00:19:11 - cmdstanpy - INFO - Chain [1] start processing
00:19:11 - cmdstanpy - INFO - Chain [1] done processing
00:19:11 - cmdstanpy - INFO - Chain [1] start processing
00:19:11 - cmdstanpy - INFO - Chain [1] done processing
00:19:11 - cmdstanpy - INFO - Chain [1] start processing
00:19:11 - cmdstanpy - INFO - Chain [1] done processing
00:19:12 - cmdstanpy - INFO - Chain [1] start processing
00:19:12 - cmdstanpy - INFO - Chain [1] done processing
00:19:12 - cmdstanpy - INFO - Chain [1] start processing
00:19:12 - cmdstanpy - INFO - Chain [1] done processing
00:19:12 - cmdstanpy - INFO - Chain [1] start processing
00:19:12 - cmdstanpy - INFO - Chain [1] done processing
00:19:13 - cmdstanpy - INFO - Chain [1] start processing
00:19:13 - cmdstanpy - INFO - Chain [1] done processing
00:19:13 - cmdstanpy - INFO - Chain [1] start processing
00:19:13 - cmdstanpy - INFO - Chain [1] done processing
00:19:14 - cmdstanpy - INFO - Chain [1] start processing
00:19:14 - cmdstanpy - INFO - Chain [1] done processing
00:19:14 - cmdstanpy - INFO - Chain [1] start processing
00:19:14 - cmdstanpy - INFO - Chain [1] done processing
00:19:15 - cmdstanpy - INFO - Chain [1] start processing
00:19:15 - cmdstanpy - INFO - Chain [1] done processing
00:19:15 - cmdstanpy - INFO - Chain [1] start processing
00:19:15 - cmdstanpy - INFO - Chain [1] done processing
00:19:19 - cmdstanpy - INFO - Chain [1] start processing
00:19:19 - cmdstanpy - INFO - Chain [1] done processing
00:19:19 - cmdstanpy - INFO - Chain [1] start processing
00:19:19 - cmdstanpy - INFO - Chain [1] done processing
00:19:20 - cmdstanpy - INFO - Chain [1] start processing
00:19:20 - cmdstanpy - INFO - Chain [1] done processing
00:19:21 - cmdstanpy - INFO - Chain [1] start processing
00:19:21 - cmdstanpy - INFO - Chain [1] done processing
00:19:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:19:21 - cmdstanpy - INFO - Chain [1] start processing
00:19:21 - cmdstanpy - INFO - Chain [1] done processing
00:19:22 - cmdstanpy - INFO - Chain [1] start processing
00:19:22 - cmdstanpy - INFO - Chain [1] done processing
00:19:23 - cmdstanpy - INFO - Chain [1] start processing
00:19:23 - cmdstanpy - INFO - Chain [1] done processing
00:19:24 - cmdstanpy - INFO - Chain [1] start processing
00:19:24 - cmdstanpy - INFO - Chain [1] done processing
00:19:24 - cmdstanpy - INFO - Chain [1] start processing
00:19:24 - cmdstanpy - INFO - Chain [1] done processing
00:19:25 - cmdstanpy - INFO - Chain [1] start processing
00:19:25 - cmdstanpy - INFO - Chain [1] done processing
00:19:27 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:19:27 - cmdstanpy - INFO - Chain [1] done processing
00:19:27 - cmdstanpy - INFO - Chain [1] start processing
00:19:28 - cmdstanpy - INFO - Chain [1] done processing
00:19:28 - cmdstanpy - INFO - Chain [1] start processing
00:19:28 - cmdstanpy - INFO - Chain [1] done processing
00:19:29 - cmdstanpy - INFO - Chain [1] start processing
00:19:29 - cmdstanpy - INFO - Chain [1] done processing
00:19:30 - cmdstanpy - INFO - Chain [1] start processing
00:19:30 - cmdstanpy - INFO - Chain [1] done processing
00:19:30 - cmdstanpy - INFO - Chain [1] start processing
00:19:30 - cmdstanpy - INFO - Chain [1] done processing
00:19:31 - cmdstanpy - INFO - Chain [1] start processing
00:19:31 - cmdstanpy - INFO - Chain [1] done processing
00:19:31 - cmdstanpy - INFO - Chain [1] start processing
00:19:31 - cmdstanpy - INFO - Chain [1] done processing
00:19:32 - cmdstanpy - INFO - Chain [1] start processing
00:19:32 - cmdstanpy - INFO - Chain [1] done processing
00:19:32 - cmdstanpy - INFO - Chain [1] start processing
00:19:32 - cmdstanpy - INFO - Chain [1] done processing
00:19:33 - cmdstanpy - INFO - Chain [1] start processing
00:19:33 - cmdstanpy - INFO - Chain [1] done processing
00:19:33 - cmdstanpy - INFO - Chain [1] start processing
00:19:33 - cmdstanpy - INFO - Chain [1] done processing
00:19:33 - cmdstanpy - INFO - Chain [1] start processing
00:19:34 - cmdstanpy - INFO - Chain [1] done processing
00:19:34 - cmdstanpy - INFO - Chain [1] start processing
00:19:34 - cmdstanpy - INFO - Chain [1] done processing
00:19:35 - cmdstanpy - INFO - Chain [1] start processing
00:19:35 - cmdstanpy - INFO - Chain [1] done processing
00:19:35 - cmdstanpy - INFO - Chain [1] start processing
00:19:35 - cmdstanpy - INFO - Chain [1] done processing
00:19:35 - cmdstanpy - INFO - Chain [1] start processing
00:19:35 - cmdstanpy - INFO - Chain [1] done processing
00:19:36 - cmdstanpy - INFO - Chain [1] start processing
00:19:36 - cmdstanpy - INFO - Chain [1] done processing
00:19:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:19:36 - cmdstanpy - INFO - Chain [1] start processing
00:19:36 - cmdstanpy - INFO - Chain [1] done processing
00:19:36 - cmdstanpy - INFO - Chain [1] start processing
00:19:36 - cmdstanpy - INFO - Chain [1] done processing
00:19:37 - cmdstanpy - INFO - Chain [1] start processing
00:19:37 - cmdstanpy - INFO - Chain [1] done processing
00:19:37 - cmdstanpy - INFO - Chain [1] start processing
00:19:37 - cmdstanpy - INFO - Chain [1] done processing
00:19:37 - cmdstanpy - INFO - Chain [1] start processing
00:19:37 - cmdstanpy - INFO - Chain [1] done processing
00:19:38 - cmdstanpy - INFO - Chain [1] start processing
00:19:38 - cmdstanpy - INFO - Chain [1] done processing
00:19:38 - cmdstanpy - INFO - Chain [1] start processing
00:19:38 - cmdstanpy - INFO - Chain [1] done processing
00:19:39 - cmdstanpy - INFO - Chain [1] start processing
00:19:39 - cmdstanpy - INFO - Chain [1] done processing
00:19:39 - cmdstanpy - INFO - Chain [1] start processing
00:19:39 - cmdstanpy - INFO - Chain [1] done processing
00:19:39 - cmdstanpy - INFO - Chain [1] start processing
00:19:39 - cmdstanpy - INFO - Chain [1] done processing
00:19:40 - cmdstanpy - INFO - Chain [1] start processing
00:19:40 - cmdstanpy - INFO - Chain [1] done processing
00:19:40 - cmdstanpy - INFO - Chain [1] start processing
00:19:40 - cmdstanpy - INFO - Chain [1] done processing
00:19:40 - cmdstanpy - INFO - Chain [1] start processing
00:19:41 - cmdstanpy - INFO - Chain [1] done processing
00:19:41 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:19:41 - cmdstanpy - INFO - Chain [1] done processing
00:19:41 - cmdstanpy - INFO - Chain [1] start processing
00:19:41 - cmdstanpy - INFO - Chain [1] done processing
00:19:42 - cmdstanpy - INFO - Chain [1] start processing
00:19:42 - cmdstanpy - INFO - Chain [1] done processing
00:19:42 - cmdstanpy - INFO - Chain [1] start processing
00:19:42 - cmdstanpy - INFO - Chain [1] done processing
00:19:43 - cmdstanpy - INFO - Chain [1] start processing
00:19:43 - cmdstanpy - INFO - Chain [1] done processing
00:19:43 - cmdstanpy - INFO - Chain [1] start processing
00:19:43 - cmdstanpy - INFO - Chain [1] done processing
00:19:43 - cmdstanpy - INFO - Chain [1] start processing
00:19:44 - cmdstanpy - INFO - Chain [1] done processing
00:19:44 - cmdstanpy - INFO - Chain [1] start processing
00:19:44 - cmdstanpy - INFO - Chain [1] done processing
00:19:44 - cmdstanpy - INFO - Chain [1] start processing
00:19:44 - cmdstanpy - INFO - Chain [1] done processing
00:19:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:19:44 - cmdstanpy - INFO - Chain [1] start processing
00:19:45 - cmdstanpy - INFO - Chain [1] done processing
00:19:45 - cmdstanpy - INFO - Chain [1] start processing
00:19:45 - cmdstanpy - INFO - Chain [1] done processing
00:19:45 - cmdstanpy - INFO - Chain [1] start processing
00:19:45 - cmdstanpy - INFO - Chain [1] done processing
00:19:46 - cmdstanpy - INFO - Chain [1] start processing
00:19:46 - cmdstanpy - INFO - Chain [1] done processing
00:19:46 - cmdstanpy - INFO - Chain [1] start processing
00:19:46 - cmdstanpy - INFO - Chain [1] done processing
00:19:46 - cmdstanpy - INFO - Chain [1] start processing
00:19:47 - cmdstanpy - INFO - Chain [1] done processing
00:19:47 - cmdstanpy - INFO - Chain [1] start processing
00:19:47 - cmdstanpy - INFO - Chain [1] done processing
00:19:47 - cmdstanpy - INFO - Chain [1] start processing
00:19:47 - cmdstanpy - INFO - Chain [1] done processing
00:19:48 - cmdstanpy - INFO - Chain [1] start processing
00:19:48 - cmdstanpy - INFO - Chain [1] done processing
00:19:48 - cmdstanpy - INFO - Chain [1] start processing
00:19:48 - cmdstanpy - INFO - Chain [1] done processing
00:19:49 - cmdstanpy - INFO - Chain [1] start processing
00:19:49 - cmdstanpy - INFO - Chain [1] done processing
00:19:49 - cmdstanpy - INFO - Chain [1] start processing
00:19:49 - cmdstanpy - INFO - Chain [1] done processing
00:19:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:19:49 - cmdstanpy - INFO - Chain [1] start processing
00:19:49 - cmdstanpy - INFO - Chain [1] done processing
00:19:50 - cmdstanpy - INFO - Chain [1] start processing
00:19:50 - cmdstanpy - INFO - Chain [1] done processing
00:19:50 - cmdstanpy - INFO - Chain [1] start processing
00:19:50 - cmdstanpy - INFO - Chain [1] done processing
00:19:51 - cmdstanpy - INFO - Chain [1] start processing
00:19:51 - cmdstanpy - INFO - Chain [1] done processing
00:19:51 - cmdstanpy - INFO - Chain [1] start processing
00:19:51 - cmdstanpy - INFO - Chain [1] done processing
00:19:52 - cmdstanpy - INFO - Chain [1] start processing
00:19:52 - cmdstanpy - INFO - Chain [1] done processing
00:19:52 - cmdstanpy - INFO - Chain [1] start processing
00:19:52 - cmdstanpy - INFO - Chain [1] done processing
00:19:52 - cmdstanpy - INFO - Chain [1] start processing
00:19:52 - cmdstanpy - INFO - Chain [1] done processing
00:19:53 - cmdstanpy - INFO - Chain [1] start processing
00:19:53 - cmdstanpy - INFO - Chain [1] done processing
00:19:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:19:53 - cmdstanpy - INFO - Chain [1] done processing
00:19:53 - cmdstanpy - INFO - Chain [1] start processing
00:19:53 - cmdstanpy - INFO - Chain [1] done processing
00:19:54 - cmdstanpy - INFO - Chain [1] start processing
00:19:54 - cmdstanpy - INFO - Chain [1] done processing
00:19:54 - cmdstanpy - INFO - Chain [1] start processing
00:19:54 - cmdstanpy - INFO - Chain [1] done processing
00:19:55 - cmdstanpy - INFO - Chain [1] start processing
00:19:55 - cmdstanpy - INFO - Chain [1] done processing
00:19:55 - cmdstanpy - INFO - Chain [1] start processing
00:19:55 - cmdstanpy - INFO - Chain [1] done processing
00:19:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:19:55 - cmdstanpy - INFO - Chain [1] start processing
00:19:55 - cmdstanpy - INFO - Chain [1] done processing
00:19:56 - cmdstanpy - INFO - Chain [1] start processing
00:19:56 - cmdstanpy - INFO - Chain [1] done processing
00:19:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:19:56 - cmdstanpy - INFO - Chain [1] start processing
00:19:56 - cmdstanpy - INFO - Chain [1] done processing
00:19:56 - cmdstanpy - INFO - Chain [1] start processing
00:19:56 - cmdstanpy - INFO - Chain [1] done processing
00:19:57 - cmdstanpy - INFO - Chain [1] start processing
00:19:57 - cmdstanpy - INFO - Chain [1] done processing
00:19:57 - cmdstanpy - INFO - Chain [1] start processing
00:19:57 - cmdstanpy - INFO - Chain [1] done processing
00:19:57 - cmdstanpy - INFO - Chain [1] start processing
00:19:58 - cmdstanpy - INFO - Chain [1] done processing
00:19:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:19:58 - cmdstanpy - INFO - Chain [1] start processing
00:19:58 - cmdstanpy - INFO - Chain [1] done processing
00:19:58 - cmdstanpy - INFO - Chain [1] start processing
00:19:58 - cmdstanpy - INFO - Chain [1] done processing
00:19:59 - cmdstanpy - INFO - Chain [1] start processing
00:19:59 - cmdstanpy - INFO - Chain [1] done processing
00:19:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:19:59 - cmdstanpy - INFO - Chain [1] start processing
00:19:59 - cmdstanpy - INFO - Chain [1] done processing
00:19:59 - cmdstanpy - INFO - Chain [1] start processing
00:19:59 - cmdstanpy - INFO - Chain [1] done processing
00:20:00 - cmdstanpy - INFO - Chain [1] start processing
00:20:00 - cmdstanpy - INFO - Chain [1] done processing
00:20:00 - cmdstanpy - INFO - Chain [1] start processing
00:20:00 - cmdstanpy - INFO - Chain [1] done processing
00:20:01 - cmdstanpy - INFO - Chain [1] start processing
00:20:01 - cmdstanpy - INFO - Chain [1] done processing
00:20:01 - cmdstanpy - INFO - Chain [1] start processing
00:20:01 - cmdstanpy - INFO - Chain [1] done processing
00:20:01 - cmdstanpy - INFO - Chain [1] start processing
00:20:01 - cmdstanpy - INFO - Chain [1] done processing
00:20:02 - cmdstanpy - INFO - Chain [1] start processing
00:20:02 - cmdstanpy - INFO - Chain [1] done processing
00:20:02 - cmdstanpy - INFO - Chain [1] start processing
00:20:02 - cmdstanpy - INFO - Chain [1] done processing
00:20:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:02 - cmdstanpy - INFO - Chain [1] start processing
00:20:02 - cmdstanpy - INFO - Chain [1] done processing
00:20:03 - cmdstanpy - INFO - Chain [1] start processing
00:20:03 - cmdstanpy - INFO - Chain [1] done processing
00:20:03 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:20:03 - cmdstanpy - INFO - Chain [1] done processing
00:20:03 - cmdstanpy - INFO - Chain [1] start processing
00:20:03 - cmdstanpy - INFO - Chain [1] done processing
00:20:04 - cmdstanpy - INFO - Chain [1] start processing
00:20:04 - cmdstanpy - INFO - Chain [1] done processing
00:20:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:04 - cmdstanpy - INFO - Chain [1] start processing
00:20:04 - cmdstanpy - INFO - Chain [1] done processing
00:20:04 - cmdstanpy - INFO - Chain [1] start processing
00:20:04 - cmdstanpy - INFO - Chain [1] done processing
00:20:05 - cmdstanpy - INFO - Chain [1] start processing
00:20:05 - cmdstanpy - INFO - Chain [1] done processing
00:20:05 - cmdstanpy - INFO - Chain [1] start processing
00:20:05 - cmdstanpy - INFO - Chain [1] done processing
00:20:06 - cmdstanpy - INFO - Chain [1] start processing
00:20:06 - cmdstanpy - INFO - Chain [1] done processing
00:20:06 - cmdstanpy - INFO - Chain [1] start processing
00:20:06 - cmdstanpy - INFO - Chain [1] done processing
00:20:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:06 - cmdstanpy - INFO - Chain [1] start processing
00:20:07 - cmdstanpy - INFO - Chain [1] done processing
00:20:07 - cmdstanpy - INFO - Chain [1] start processing
00:20:07 - cmdstanpy - INFO - Chain [1] done processing
00:20:07 - cmdstanpy - INFO - Chain [1] start processing
00:20:07 - cmdstanpy - INFO - Chain [1] done processing
00:20:08 - cmdstanpy - INFO - Chain [1] start processing
00:20:08 - cmdstanpy - INFO - Chain [1] done processing
00:20:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:08 - cmdstanpy - INFO - Chain [1] start processing
00:20:08 - cmdstanpy - INFO - Chain [1] done processing
00:20:08 - cmdstanpy - INFO - Chain [1] start processing
00:20:08 - cmdstanpy - INFO - Chain [1] done processing
00:20:08 - cmdstanpy - INFO - Chain [1] start processing
00:20:09 - cmdstanpy - INFO - Chain [1] done processing
00:20:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:09 - cmdstanpy - INFO - Chain [1] start processing
00:20:09 - cmdstanpy - INFO - Chain [1] done processing
00:20:09 - cmdstanpy - INFO - Chain [1] start processing
00:20:09 - cmdstanpy - INFO - Chain [1] done processing
00:20:09 - cmdstanpy - INFO - Chain [1] start processing
00:20:09 - cmdstanpy - INFO - Chain [1] done processing
00:20:10 - cmdstanpy - INFO - Chain [1] start processing
00:20:10 - cmdstanpy - INFO - Chain [1] done processing
00:20:10 - cmdstanpy - INFO - Chain [1] start processing
00:20:10 - cmdstanpy - INFO - Chain [1] done processing
00:20:10 - cmdstanpy - INFO - Chain [1] start processing
00:20:10 - cmdstanpy - INFO - Chain [1] done processing
00:20:11 - cmdstanpy - INFO - Chain [1] start processing
00:20:11 - cmdstanpy - INFO - Chain [1] done processing
00:20:11 - cmdstanpy - INFO - Chain [1] start processing
00:20:11 - cmdstanpy - INFO - Chain [1] done processing
00:20:11 - cmdstanpy - INFO - Chain [1] start processing
00:20:11 - cmdstanpy - INFO - Chain [1] done processing
00:20:12 - cmdstanpy - INFO - Chain [1] start processing
00:20:12 - cmdstanpy - INFO - Chain [1] done processing
00:20:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:12 - cmdstanpy - INFO - Chain [1] start processing
00:20:12 - cmdstanpy - INFO - Chain [1] done processing
00:20:12 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:20:12 - cmdstanpy - INFO - Chain [1] done processing
00:20:13 - cmdstanpy - INFO - Chain [1] start processing
00:20:13 - cmdstanpy - INFO - Chain [1] done processing
00:20:13 - cmdstanpy - INFO - Chain [1] start processing
00:20:13 - cmdstanpy - INFO - Chain [1] done processing
00:20:13 - cmdstanpy - INFO - Chain [1] start processing
00:20:13 - cmdstanpy - INFO - Chain [1] done processing
00:20:14 - cmdstanpy - INFO - Chain [1] start processing
00:20:14 - cmdstanpy - INFO - Chain [1] done processing
00:20:14 - cmdstanpy - INFO - Chain [1] start processing
00:20:14 - cmdstanpy - INFO - Chain [1] done processing
00:20:14 - cmdstanpy - INFO - Chain [1] start processing
00:20:14 - cmdstanpy - INFO - Chain [1] done processing
00:20:15 - cmdstanpy - INFO - Chain [1] start processing
00:20:15 - cmdstanpy - INFO - Chain [1] done processing
00:20:15 - cmdstanpy - INFO - Chain [1] start processing
00:20:15 - cmdstanpy - INFO - Chain [1] done processing
00:20:15 - cmdstanpy - INFO - Chain [1] start processing
00:20:15 - cmdstanpy - INFO - Chain [1] done processing
00:20:16 - cmdstanpy - INFO - Chain [1] start processing
00:20:16 - cmdstanpy - INFO - Chain [1] done processing
00:20:16 - cmdstanpy - INFO - Chain [1] start processing
00:20:16 - cmdstanpy - INFO - Chain [1] done processing
00:20:16 - cmdstanpy - INFO - Chain [1] start processing
00:20:16 - cmdstanpy - INFO - Chain [1] done processing
00:20:17 - cmdstanpy - INFO - Chain [1] start processing
00:20:17 - cmdstanpy - INFO - Chain [1] done processing
00:20:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:17 - cmdstanpy - INFO - Chain [1] start processing
00:20:17 - cmdstanpy - INFO - Chain [1] done processing
00:20:17 - cmdstanpy - INFO - Chain [1] start processing
00:20:17 - cmdstanpy - INFO - Chain [1] done processing
00:20:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:17 - cmdstanpy - INFO - Chain [1] start processing
00:20:18 - cmdstanpy - INFO - Chain [1] done processing
00:20:18 - cmdstanpy - INFO - Chain [1] start processing
00:20:18 - cmdstanpy - INFO - Chain [1] done processing
00:20:18 - cmdstanpy - INFO - Chain [1] start processing
00:20:18 - cmdstanpy - INFO - Chain [1] done processing
00:20:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:18 - cmdstanpy - INFO - Chain [1] start processing
00:20:19 - cmdstanpy - INFO - Chain [1] done processing
00:20:19 - cmdstanpy - INFO - Chain [1] start processing
00:20:19 - cmdstanpy - INFO - Chain [1] done processing
00:20:19 - cmdstanpy - INFO - Chain [1] start processing
00:20:19 - cmdstanpy - INFO - Chain [1] done processing
00:20:20 - cmdstanpy - INFO - Chain [1] start processing
00:20:20 - cmdstanpy - INFO - Chain [1] done processing
00:20:20 - cmdstanpy - INFO - Chain [1] start processing
00:20:20 - cmdstanpy - INFO - Chain [1] done processing
00:20:21 - cmdstanpy - INFO - Chain [1] start processing
00:20:21 - cmdstanpy - INFO - Chain [1] done processing
00:20:21 - cmdstanpy - INFO - Chain [1] start processing
00:20:21 - cmdstanpy - INFO - Chain [1] done processing
00:20:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:21 - cmdstanpy - INFO - Chain [1] start processing
00:20:21 - cmdstanpy - INFO - Chain [1] done processing
00:20:22 - cmdstanpy - INFO - Chain [1] start processing
00:20:22 - cmdstanpy - INFO - Chain [1] done processing
00:20:22 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:20:22 - cmdstanpy - INFO - Chain [1] done processing
00:20:22 - cmdstanpy - INFO - Chain [1] start processing
00:20:22 - cmdstanpy - INFO - Chain [1] done processing
00:20:23 - cmdstanpy - INFO - Chain [1] start processing
00:20:23 - cmdstanpy - INFO - Chain [1] done processing
00:20:23 - cmdstanpy - INFO - Chain [1] start processing
00:20:23 - cmdstanpy - INFO - Chain [1] done processing
00:20:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:23 - cmdstanpy - INFO - Chain [1] start processing
00:20:24 - cmdstanpy - INFO - Chain [1] done processing
00:20:24 - cmdstanpy - INFO - Chain [1] start processing
00:20:24 - cmdstanpy - INFO - Chain [1] done processing
00:20:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:24 - cmdstanpy - INFO - Chain [1] start processing
00:20:24 - cmdstanpy - INFO - Chain [1] done processing
00:20:24 - cmdstanpy - INFO - Chain [1] start processing
00:20:24 - cmdstanpy - INFO - Chain [1] done processing
00:20:25 - cmdstanpy - INFO - Chain [1] start processing
00:20:25 - cmdstanpy - INFO - Chain [1] done processing
00:20:25 - cmdstanpy - INFO - Chain [1] start processing
00:20:25 - cmdstanpy - INFO - Chain [1] done processing
00:20:26 - cmdstanpy - INFO - Chain [1] start processing
00:20:26 - cmdstanpy - INFO - Chain [1] done processing
00:20:26 - cmdstanpy - INFO - Chain [1] start processing
00:20:26 - cmdstanpy - INFO - Chain [1] done processing
00:20:26 - cmdstanpy - INFO - Chain [1] start processing
00:20:26 - cmdstanpy - INFO - Chain [1] done processing
00:20:27 - cmdstanpy - INFO - Chain [1] start processing
00:20:27 - cmdstanpy - INFO - Chain [1] done processing
00:20:27 - cmdstanpy - INFO - Chain [1] start processing
00:20:27 - cmdstanpy - INFO - Chain [1] done processing
00:20:27 - cmdstanpy - INFO - Chain [1] start processing
00:20:27 - cmdstanpy - INFO - Chain [1] done processing
00:20:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:27 - cmdstanpy - INFO - Chain [1] start processing
00:20:28 - cmdstanpy - INFO - Chain [1] done processing
00:20:28 - cmdstanpy - INFO - Chain [1] start processing
00:20:28 - cmdstanpy - INFO - Chain [1] done processing
00:20:28 - cmdstanpy - INFO - Chain [1] start processing
00:20:28 - cmdstanpy - INFO - Chain [1] done processing
00:20:29 - cmdstanpy - INFO - Chain [1] start processing
00:20:29 - cmdstanpy - INFO - Chain [1] done processing
00:20:29 - cmdstanpy - INFO - Chain [1] start processing
00:20:29 - cmdstanpy - INFO - Chain [1] done processing
00:20:29 - cmdstanpy - INFO - Chain [1] start processing
00:20:29 - cmdstanpy - INFO - Chain [1] done processing
00:20:30 - cmdstanpy - INFO - Chain [1] start processing
00:20:30 - cmdstanpy - INFO - Chain [1] done processing
00:20:30 - cmdstanpy - INFO - Chain [1] start processing
00:20:30 - cmdstanpy - INFO - Chain [1] done processing
00:20:30 - cmdstanpy - INFO - Chain [1] start processing
00:20:30 - cmdstanpy - INFO - Chain [1] done processing
00:20:31 - cmdstanpy - INFO - Chain [1] start processing
00:20:31 - cmdstanpy - INFO - Chain [1] done processing
00:20:31 - cmdstanpy - INFO - Chain [1] start processing
00:20:31 - cmdstanpy - INFO - Chain [1] done processing
00:20:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:31 - cmdstanpy - INFO - Chain [1] start processing
00:20:31 - cmdstanpy - INFO - Chain [1] done processing
00:20:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:20:31 - cmdstanpy - INFO - Chain [1] done processing
00:20:32 - cmdstanpy - INFO - Chain [1] start processing
00:20:32 - cmdstanpy - INFO - Chain [1] done processing
00:20:32 - cmdstanpy - INFO - Chain [1] start processing
00:20:32 - cmdstanpy - INFO - Chain [1] done processing
00:20:33 - cmdstanpy - INFO - Chain [1] start processing
00:20:33 - cmdstanpy - INFO - Chain [1] done processing
00:20:33 - cmdstanpy - INFO - Chain [1] start processing
00:20:33 - cmdstanpy - INFO - Chain [1] done processing
00:20:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:33 - cmdstanpy - INFO - Chain [1] start processing
00:20:33 - cmdstanpy - INFO - Chain [1] done processing
00:20:33 - cmdstanpy - INFO - Chain [1] start processing
00:20:33 - cmdstanpy - INFO - Chain [1] done processing
00:20:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:33 - cmdstanpy - INFO - Chain [1] start processing
00:20:34 - cmdstanpy - INFO - Chain [1] done processing
00:20:34 - cmdstanpy - INFO - Chain [1] start processing
00:20:34 - cmdstanpy - INFO - Chain [1] done processing
00:20:34 - cmdstanpy - INFO - Chain [1] start processing
00:20:34 - cmdstanpy - INFO - Chain [1] done processing
00:20:35 - cmdstanpy - INFO - Chain [1] start processing
00:20:35 - cmdstanpy - INFO - Chain [1] done processing
00:20:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:35 - cmdstanpy - INFO - Chain [1] start processing
00:20:35 - cmdstanpy - INFO - Chain [1] done processing
00:20:35 - cmdstanpy - INFO - Chain [1] start processing
00:20:36 - cmdstanpy - INFO - Chain [1] done processing
00:20:36 - cmdstanpy - INFO - Chain [1] start processing
00:20:36 - cmdstanpy - INFO - Chain [1] done processing
00:20:36 - cmdstanpy - INFO - Chain [1] start processing
00:20:36 - cmdstanpy - INFO - Chain [1] done processing
00:20:36 - cmdstanpy - INFO - Chain [1] start processing
00:20:36 - cmdstanpy - INFO - Chain [1] done processing
00:20:37 - cmdstanpy - INFO - Chain [1] start processing
00:20:37 - cmdstanpy - INFO - Chain [1] done processing
00:20:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:37 - cmdstanpy - INFO - Chain [1] start processing
00:20:37 - cmdstanpy - INFO - Chain [1] done processing
00:20:38 - cmdstanpy - INFO - Chain [1] start processing
00:20:38 - cmdstanpy - INFO - Chain [1] done processing
00:20:38 - cmdstanpy - INFO - Chain [1] start processing
00:20:38 - cmdstanpy - INFO - Chain [1] done processing
00:20:38 - cmdstanpy - INFO - Chain [1] start processing
00:20:38 - cmdstanpy - INFO - Chain [1] done processing
00:20:39 - cmdstanpy - INFO - Chain [1] start processing
00:20:39 - cmdstanpy - INFO - Chain [1] done processing
00:20:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:39 - cmdstanpy - INFO - Chain [1] start processing
00:20:39 - cmdstanpy - INFO - Chain [1] done processing
00:20:39 - cmdstanpy - INFO - Chain [1] start processing
00:20:39 - cmdstanpy - INFO - Chain [1] done processing
00:20:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:39 - cmdstanpy - INFO - Chain [1] start processing
00:20:39 - cmdstanpy - INFO - Chain [1] done processing
00:20:40 - cmdstanpy - INFO - Chain [1] start processing
00:20:40 - cmdstanpy - INFO - Chain [1] done processing
00:20:40 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:20:40 - cmdstanpy - INFO - Chain [1] done processing
00:20:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:40 - cmdstanpy - INFO - Chain [1] start processing
00:20:40 - cmdstanpy - INFO - Chain [1] done processing
00:20:41 - cmdstanpy - INFO - Chain [1] start processing
00:20:41 - cmdstanpy - INFO - Chain [1] done processing
00:20:41 - cmdstanpy - INFO - Chain [1] start processing
00:20:41 - cmdstanpy - INFO - Chain [1] done processing
00:20:41 - cmdstanpy - INFO - Chain [1] start processing
00:20:41 - cmdstanpy - INFO - Chain [1] done processing
00:20:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:41 - cmdstanpy - INFO - Chain [1] start processing
00:20:42 - cmdstanpy - INFO - Chain [1] done processing
00:20:42 - cmdstanpy - INFO - Chain [1] start processing
00:20:42 - cmdstanpy - INFO - Chain [1] done processing
00:20:42 - cmdstanpy - INFO - Chain [1] start processing
00:20:42 - cmdstanpy - INFO - Chain [1] done processing
00:20:43 - cmdstanpy - INFO - Chain [1] start processing
00:20:43 - cmdstanpy - INFO - Chain [1] done processing
00:20:43 - cmdstanpy - INFO - Chain [1] start processing
00:20:43 - cmdstanpy - INFO - Chain [1] done processing
00:20:43 - cmdstanpy - INFO - Chain [1] start processing
00:20:43 - cmdstanpy - INFO - Chain [1] done processing
00:20:44 - cmdstanpy - INFO - Chain [1] start processing
00:20:44 - cmdstanpy - INFO - Chain [1] done processing
00:20:44 - cmdstanpy - INFO - Chain [1] start processing
00:20:44 - cmdstanpy - INFO - Chain [1] done processing
00:20:44 - cmdstanpy - INFO - Chain [1] start processing
00:20:44 - cmdstanpy - INFO - Chain [1] done processing
00:20:45 - cmdstanpy - INFO - Chain [1] start processing
00:20:45 - cmdstanpy - INFO - Chain [1] done processing
00:20:45 - cmdstanpy - INFO - Chain [1] start processing
00:20:45 - cmdstanpy - INFO - Chain [1] done processing
00:20:45 - cmdstanpy - INFO - Chain [1] start processing
00:20:45 - cmdstanpy - INFO - Chain [1] done processing
00:20:46 - cmdstanpy - INFO - Chain [1] start processing
00:20:46 - cmdstanpy - INFO - Chain [1] done processing
00:20:46 - cmdstanpy - INFO - Chain [1] start processing
00:20:46 - cmdstanpy - INFO - Chain [1] done processing
00:20:46 - cmdstanpy - INFO - Chain [1] start processing
00:20:46 - cmdstanpy - INFO - Chain [1] done processing
00:20:47 - cmdstanpy - INFO - Chain [1] start processing
00:20:47 - cmdstanpy - INFO - Chain [1] done processing
00:20:47 - cmdstanpy - INFO - Chain [1] start processing
00:20:47 - cmdstanpy - INFO - Chain [1] done processing
00:20:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:47 - cmdstanpy - INFO - Chain [1] start processing
00:20:47 - cmdstanpy - INFO - Chain [1] done processing
00:20:48 - cmdstanpy - INFO - Chain [1] start processing
00:20:48 - cmdstanpy - INFO - Chain [1] done processing
00:20:48 - cmdstanpy - INFO - Chain [1] start processing
00:20:48 - cmdstanpy - INFO - Chain [1] done processing
00:20:49 - cmdstanpy - INFO - Chain [1] start processing
00:20:49 - cmdstanpy - INFO - Chain [1] done processing
00:20:49 - cmdstanpy - INFO - Chain [1] start processing
00:20:49 - cmdstanpy - INFO - Chain [1] done processing
00:20:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:49 - cmdstanpy - INFO - Chain [1] start processing
00:20:50 - cmdstanpy - INFO - Chain [1] done processing
00:20:50 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:20:50 - cmdstanpy - INFO - Chain [1] done processing
00:20:50 - cmdstanpy - INFO - Chain [1] start processing
00:20:51 - cmdstanpy - INFO - Chain [1] done processing
00:20:51 - cmdstanpy - INFO - Chain [1] start processing
00:20:51 - cmdstanpy - INFO - Chain [1] done processing
00:20:51 - cmdstanpy - INFO - Chain [1] start processing
00:20:51 - cmdstanpy - INFO - Chain [1] done processing
00:20:52 - cmdstanpy - INFO - Chain [1] start processing
00:20:52 - cmdstanpy - INFO - Chain [1] done processing
00:20:52 - cmdstanpy - INFO - Chain [1] start processing
00:20:52 - cmdstanpy - INFO - Chain [1] done processing
00:20:53 - cmdstanpy - INFO - Chain [1] start processing
00:20:53 - cmdstanpy - INFO - Chain [1] done processing
00:20:53 - cmdstanpy - INFO - Chain [1] start processing
00:20:53 - cmdstanpy - INFO - Chain [1] done processing
00:20:53 - cmdstanpy - INFO - Chain [1] start processing
00:20:54 - cmdstanpy - INFO - Chain [1] done processing
00:20:54 - cmdstanpy - INFO - Chain [1] start processing
00:20:54 - cmdstanpy - INFO - Chain [1] done processing
00:20:54 - cmdstanpy - INFO - Chain [1] start processing
00:20:54 - cmdstanpy - INFO - Chain [1] done processing
00:20:55 - cmdstanpy - INFO - Chain [1] start processing
00:20:55 - cmdstanpy - INFO - Chain [1] done processing
00:20:55 - cmdstanpy - INFO - Chain [1] start processing
00:20:55 - cmdstanpy - INFO - Chain [1] done processing
00:20:55 - cmdstanpy - INFO - Chain [1] start processing
00:20:55 - cmdstanpy - INFO - Chain [1] done processing
00:20:55 - cmdstanpy - INFO - Chain [1] start processing
00:20:56 - cmdstanpy - INFO - Chain [1] done processing
00:20:56 - cmdstanpy - INFO - Chain [1] start processing
00:20:56 - cmdstanpy - INFO - Chain [1] done processing
00:20:56 - cmdstanpy - INFO - Chain [1] start processing
00:20:56 - cmdstanpy - INFO - Chain [1] done processing
00:20:57 - cmdstanpy - INFO - Chain [1] start processing
00:20:57 - cmdstanpy - INFO - Chain [1] done processing
00:20:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:57 - cmdstanpy - INFO - Chain [1] start processing
00:20:57 - cmdstanpy - INFO - Chain [1] done processing
00:20:57 - cmdstanpy - INFO - Chain [1] start processing
00:20:57 - cmdstanpy - INFO - Chain [1] done processing
00:20:58 - cmdstanpy - INFO - Chain [1] start processing
00:20:58 - cmdstanpy - INFO - Chain [1] done processing
00:20:58 - cmdstanpy - INFO - Chain [1] start processing
00:20:58 - cmdstanpy - INFO - Chain [1] done processing
00:20:58 - cmdstanpy - INFO - Chain [1] start processing
00:20:58 - cmdstanpy - INFO - Chain [1] done processing
00:20:59 - cmdstanpy - INFO - Chain [1] start processing
00:20:59 - cmdstanpy - INFO - Chain [1] done processing
00:20:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:20:59 - cmdstanpy - INFO - Chain [1] start processing
00:20:59 - cmdstanpy - INFO - Chain [1] done processing
00:20:59 - cmdstanpy - INFO - Chain [1] start processing
00:20:59 - cmdstanpy - INFO - Chain [1] done processing
00:21:00 - cmdstanpy - INFO - Chain [1] start processing
00:21:00 - cmdstanpy - INFO - Chain [1] done processing
00:21:00 - cmdstanpy - INFO - Chain [1] start processing
00:21:00 - cmdstanpy - INFO - Chain [1] done processing
00:21:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:21:00 - cmdstanpy - INFO - Chain [1] start processing
00:21:00 - cmdstanpy - INFO - Chain [1] done processing
00:21:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:21:01 - cmdstanpy - INFO - Chain [1] done processing
00:21:01 - cmdstanpy - INFO - Chain [1] start processing
00:21:01 - cmdstanpy - INFO - Chain [1] done processing
00:21:01 - cmdstanpy - INFO - Chain [1] start processing
00:21:01 - cmdstanpy - INFO - Chain [1] done processing
00:21:02 - cmdstanpy - INFO - Chain [1] start processing
00:21:02 - cmdstanpy - INFO - Chain [1] done processing
00:21:02 - cmdstanpy - INFO - Chain [1] start processing
00:21:02 - cmdstanpy - INFO - Chain [1] done processing
00:21:03 - cmdstanpy - INFO - Chain [1] start processing
00:21:03 - cmdstanpy - INFO - Chain [1] done processing
00:21:03 - cmdstanpy - INFO - Chain [1] start processing
00:21:03 - cmdstanpy - INFO - Chain [1] done processing
00:21:03 - cmdstanpy - INFO - Chain [1] start processing
00:21:03 - cmdstanpy - INFO - Chain [1] done processing
00:21:04 - cmdstanpy - INFO - Chain [1] start processing
00:21:04 - cmdstanpy - INFO - Chain [1] done processing
00:21:04 - cmdstanpy - INFO - Chain [1] start processing
00:21:04 - cmdstanpy - INFO - Chain [1] done processing
00:21:04 - cmdstanpy - INFO - Chain [1] start processing
00:21:04 - cmdstanpy - INFO - Chain [1] done processing
00:21:05 - cmdstanpy - INFO - Chain [1] start processing
00:21:05 - cmdstanpy - INFO - Chain [1] done processing
00:21:05 - cmdstanpy - INFO - Chain [1] start processing
00:21:05 - cmdstanpy - INFO - Chain [1] done processing
00:21:05 - cmdstanpy - INFO - Chain [1] start processing
00:21:05 - cmdstanpy - INFO - Chain [1] done processing
00:21:06 - cmdstanpy - INFO - Chain [1] start processing
00:21:06 - cmdstanpy - INFO - Chain [1] done processing
00:21:06 - cmdstanpy - INFO - Chain [1] start processing
00:21:06 - cmdstanpy - INFO - Chain [1] done processing
00:21:06 - cmdstanpy - INFO - Chain [1] start processing
00:21:06 - cmdstanpy - INFO - Chain [1] done processing
00:21:07 - cmdstanpy - INFO - Chain [1] start processing
00:21:07 - cmdstanpy - INFO - Chain [1] done processing
00:21:07 - cmdstanpy - INFO - Chain [1] start processing
00:21:07 - cmdstanpy - INFO - Chain [1] done processing
00:21:07 - cmdstanpy - INFO - Chain [1] start processing
00:21:07 - cmdstanpy - INFO - Chain [1] done processing
00:21:08 - cmdstanpy - INFO - Chain [1] start processing
00:21:08 - cmdstanpy - INFO - Chain [1] done processing
00:21:08 - cmdstanpy - INFO - Chain [1] start processing
00:21:08 - cmdstanpy - INFO - Chain [1] done processing
00:21:09 - cmdstanpy - INFO - Chain [1] start processing
00:21:09 - cmdstanpy - INFO - Chain [1] done processing
00:21:09 - cmdstanpy - INFO - Chain [1] start processing
00:21:09 - cmdstanpy - INFO - Chain [1] done processing
00:21:09 - cmdstanpy - INFO - Chain [1] start processing
00:21:09 - cmdstanpy - INFO - Chain [1] done processing
00:21:10 - cmdstanpy - INFO - Chain [1] start processing
00:21:10 - cmdstanpy - INFO - Chain [1] done processing
00:21:10 - cmdstanpy - INFO - Chain [1] start processing
00:21:10 - cmdstanpy - INFO - Chain [1] done processing
00:21:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:21:10 - cmdstanpy - INFO - Chain [1] start processing
00:21:11 - cmdstanpy - INFO - Chain [1] done processing
00:21:11 - cmdstanpy - INFO - Chain [1] start processing
00:21:11 - cmdstanpy - INFO - Chain [1] done processing
00:21:12 - cmdstanpy - INFO - Chain [1] start processing
00:21:12 - cmdstanpy - INFO - Chain [1] done processing
00:21:12 - cmdstanpy - INFO - Chain [1] start processing
00:21:12 - cmdstanpy - INFO - Chain [1] done processing
00:21:12 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:21:12 - cmdstanpy - INFO - Chain [1] done processing
00:21:13 - cmdstanpy - INFO - Chain [1] start processing
00:21:13 - cmdstanpy - INFO - Chain [1] done processing
00:21:13 - cmdstanpy - INFO - Chain [1] start processing
00:21:13 - cmdstanpy - INFO - Chain [1] done processing
00:21:14 - cmdstanpy - INFO - Chain [1] start processing
00:21:14 - cmdstanpy - INFO - Chain [1] done processing
00:21:14 - cmdstanpy - INFO - Chain [1] start processing
00:21:14 - cmdstanpy - INFO - Chain [1] done processing
00:21:14 - cmdstanpy - INFO - Chain [1] start processing
00:21:14 - cmdstanpy - INFO - Chain [1] done processing
00:21:15 - cmdstanpy - INFO - Chain [1] start processing
00:21:15 - cmdstanpy - INFO - Chain [1] done processing
00:21:15 - cmdstanpy - INFO - Chain [1] start processing
00:21:15 - cmdstanpy - INFO - Chain [1] done processing
00:21:15 - cmdstanpy - INFO - Chain [1] start processing
00:21:15 - cmdstanpy - INFO - Chain [1] done processing
00:21:16 - cmdstanpy - INFO - Chain [1] start processing
00:21:16 - cmdstanpy - INFO - Chain [1] done processing
00:21:16 - cmdstanpy - INFO - Chain [1] start processing
00:21:16 - cmdstanpy - INFO - Chain [1] done processing
00:21:16 - cmdstanpy - INFO - Chain [1] start processing
00:21:16 - cmdstanpy - INFO - Chain [1] done processing
00:21:17 - cmdstanpy - INFO - Chain [1] start processing
00:21:17 - cmdstanpy - INFO - Chain [1] done processing
00:21:17 - cmdstanpy - INFO - Chain [1] start processing
00:21:17 - cmdstanpy - INFO - Chain [1] done processing
00:21:17 - cmdstanpy - INFO - Chain [1] start processing
00:21:17 - cmdstanpy - INFO - Chain [1] done processing
00:21:18 - cmdstanpy - INFO - Chain [1] start processing
00:21:18 - cmdstanpy - INFO - Chain [1] done processing
00:21:18 - cmdstanpy - INFO - Chain [1] start processing
00:21:18 - cmdstanpy - INFO - Chain [1] done processing
00:21:18 - cmdstanpy - INFO - Chain [1] start processing
00:21:18 - cmdstanpy - INFO - Chain [1] done processing
00:21:19 - cmdstanpy - INFO - Chain [1] start processing
00:21:19 - cmdstanpy - INFO - Chain [1] done processing
00:21:19 - cmdstanpy - INFO - Chain [1] start processing
00:21:19 - cmdstanpy - INFO - Chain [1] done processing
00:21:19 - cmdstanpy - INFO - Chain [1] start processing
00:21:19 - cmdstanpy - INFO - Chain [1] done processing
00:21:20 - cmdstanpy - INFO - Chain [1] start processing
00:21:20 - cmdstanpy - INFO - Chain [1] done processing
00:21:20 - cmdstanpy - INFO - Chain [1] start processing
00:21:20 - cmdstanpy - INFO - Chain [1] done processing
00:21:21 - cmdstanpy - INFO - Chain [1] start processing
00:21:21 - cmdstanpy - INFO - Chain [1] done processing
00:21:21 - cmdstanpy - INFO - Chain [1] start processing
00:21:21 - cmdstanpy - INFO - Chain [1] done processing
00:21:21 - cmdstanpy - INFO - Chain [1] start processing
00:21:21 - cmdstanpy - INFO - Chain [1] done processing
00:21:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:21:21 - cmdstanpy - INFO - Chain [1] start processing
00:21:22 - cmdstanpy - INFO - Chain [1] done processing
00:21:22 - cmdstanpy - INFO - Chain [1] start processing
00:21:22 - cmdstanpy - INFO - Chain [1] done processing
00:21:23 - cmdstanpy - INFO - Chain [1] start processing
00:21:23 - cmdstanpy - INFO - Chain [1] done processing
00:21:23 - cmdstanpy - INFO - Chain [1] start processing
00:21:23 - cmdstanpy - INFO - Chain [1] done processing
00:21:23 - cmdstanpy - INFO - Chain [1] start processing
00:21:23 - cmdstanpy - INFO - Chain [1] done processing
00:21:24 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:21:24 - cmdstanpy - INFO - Chain [1] done processing
00:21:24 - cmdstanpy - INFO - Chain [1] start processing
00:21:24 - cmdstanpy - INFO - Chain [1] done processing
00:21:24 - cmdstanpy - INFO - Chain [1] start processing
00:21:25 - cmdstanpy - INFO - Chain [1] done processing
00:21:25 - cmdstanpy - INFO - Chain [1] start processing
00:21:25 - cmdstanpy - INFO - Chain [1] done processing
00:21:25 - cmdstanpy - INFO - Chain [1] start processing
00:21:25 - cmdstanpy - INFO - Chain [1] done processing
00:21:26 - cmdstanpy - INFO - Chain [1] start processing
00:21:26 - cmdstanpy - INFO - Chain [1] done processing
00:21:26 - cmdstanpy - INFO - Chain [1] start processing
00:21:26 - cmdstanpy - INFO - Chain [1] done processing
00:21:27 - cmdstanpy - INFO - Chain [1] start processing
00:21:27 - cmdstanpy - INFO - Chain [1] done processing
00:21:27 - cmdstanpy - INFO - Chain [1] start processing
00:21:27 - cmdstanpy - INFO - Chain [1] done processing
00:21:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:21:27 - cmdstanpy - INFO - Chain [1] start processing
00:21:28 - cmdstanpy - INFO - Chain [1] done processing
00:21:28 - cmdstanpy - INFO - Chain [1] start processing
00:21:28 - cmdstanpy - INFO - Chain [1] done processing
00:21:28 - cmdstanpy - INFO - Chain [1] start processing
00:21:28 - cmdstanpy - INFO - Chain [1] done processing
00:21:28 - cmdstanpy - INFO - Chain [1] start processing
00:21:29 - cmdstanpy - INFO - Chain [1] done processing
00:21:29 - cmdstanpy - INFO - Chain [1] start processing
00:21:29 - cmdstanpy - INFO - Chain [1] done processing
00:21:29 - cmdstanpy - INFO - Chain [1] start processing
00:21:29 - cmdstanpy - INFO - Chain [1] done processing
00:21:30 - cmdstanpy - INFO - Chain [1] start processing
00:21:30 - cmdstanpy - INFO - Chain [1] done processing
00:21:30 - cmdstanpy - INFO - Chain [1] start processing
00:21:30 - cmdstanpy - INFO - Chain [1] done processing
00:21:30 - cmdstanpy - INFO - Chain [1] start processing
00:21:30 - cmdstanpy - INFO - Chain [1] done processing
00:21:31 - cmdstanpy - INFO - Chain [1] start processing
00:21:31 - cmdstanpy - INFO - Chain [1] done processing
00:21:31 - cmdstanpy - INFO - Chain [1] start processing
00:21:31 - cmdstanpy - INFO - Chain [1] done processing
00:21:31 - cmdstanpy - INFO - Chain [1] start processing
00:21:31 - cmdstanpy - INFO - Chain [1] done processing
00:21:32 - cmdstanpy - INFO - Chain [1] start processing
00:21:32 - cmdstanpy - INFO - Chain [1] done processing
00:21:32 - cmdstanpy - INFO - Chain [1] start processing
00:21:32 - cmdstanpy - INFO - Chain [1] done processing
00:21:32 - cmdstanpy - INFO - Chain [1] start processing
00:21:32 - cmdstanpy - INFO - Chain [1] done processing
00:21:33 - cmdstanpy - INFO - Chain [1] start processing
00:21:33 - cmdstanpy - INFO - Chain [1] done processing
00:21:33 - cmdstanpy - INFO - Chain [1] start processing
00:21:33 - cmdstanpy - INFO - Chain [1] done processing
00:21:33 - cmdstanpy - INFO - Chain [1] start processing
00:21:34 - cmdstanpy - INFO - Chain [1] done processing
00:21:34 - cmdstanpy - INFO - Chain [1] start processing
00:21:34 - cmdstanpy - INFO - Chain [1] done processing
00:21:34 - cmdstanpy - INFO - Chain [1] start processing
00:21:34 - cmdstanpy - INFO - Chain [1] done processing
00:21:35 - cmdstanpy - INFO - Chain [1] start processing
00:21:35 - cmdstanpy - INFO - Chain [1] done processing
00:21:35 - cmdstanpy - INFO - Chain [1] start processing
00:21:35 - cmdstanpy - INFO - Chain [1] done processing
00:21:35 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:21:35 - cmdstanpy - INFO - Chain [1] done processing
00:21:36 - cmdstanpy - INFO - Chain [1] start processing
00:21:36 - cmdstanpy - INFO - Chain [1] done processing
00:21:36 - cmdstanpy - INFO - Chain [1] start processing
00:21:36 - cmdstanpy - INFO - Chain [1] done processing
00:21:36 - cmdstanpy - INFO - Chain [1] start processing
00:21:36 - cmdstanpy - INFO - Chain [1] done processing
00:21:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:21:36 - cmdstanpy - INFO - Chain [1] start processing
00:21:37 - cmdstanpy - INFO - Chain [1] done processing
00:21:37 - cmdstanpy - INFO - Chain [1] start processing
00:21:37 - cmdstanpy - INFO - Chain [1] done processing
00:21:37 - cmdstanpy - INFO - Chain [1] start processing
00:21:37 - cmdstanpy - INFO - Chain [1] done processing
00:21:38 - cmdstanpy - INFO - Chain [1] start processing
00:21:38 - cmdstanpy - INFO - Chain [1] done processing
00:21:38 - cmdstanpy - INFO - Chain [1] start processing
00:21:38 - cmdstanpy - INFO - Chain [1] done processing
00:21:38 - cmdstanpy - INFO - Chain [1] start processing
00:21:38 - cmdstanpy - INFO - Chain [1] done processing
00:21:39 - cmdstanpy - INFO - Chain [1] start processing
00:21:39 - cmdstanpy - INFO - Chain [1] done processing
00:21:39 - cmdstanpy - INFO - Chain [1] start processing
00:21:39 - cmdstanpy - INFO - Chain [1] done processing
00:21:39 - cmdstanpy - INFO - Chain [1] start processing
00:21:39 - cmdstanpy - INFO - Chain [1] done processing
00:21:40 - cmdstanpy - INFO - Chain [1] start processing
00:21:40 - cmdstanpy - INFO - Chain [1] done processing
00:21:40 - cmdstanpy - INFO - Chain [1] start processing
00:21:40 - cmdstanpy - INFO - Chain [1] done processing
00:21:40 - cmdstanpy - INFO - Chain [1] start processing
00:21:40 - cmdstanpy - INFO - Chain [1] done processing
00:21:41 - cmdstanpy - INFO - Chain [1] start processing
00:21:41 - cmdstanpy - INFO - Chain [1] done processing
00:21:41 - cmdstanpy - INFO - Chain [1] start processing
00:21:41 - cmdstanpy - INFO - Chain [1] done processing
00:21:41 - cmdstanpy - INFO - Chain [1] start processing
00:21:41 - cmdstanpy - INFO - Chain [1] done processing
00:21:42 - cmdstanpy - INFO - Chain [1] start processing
00:21:42 - cmdstanpy - INFO - Chain [1] done processing
00:21:42 - cmdstanpy - INFO - Chain [1] start processing
00:21:42 - cmdstanpy - INFO - Chain [1] done processing
00:21:42 - cmdstanpy - INFO - Chain [1] start processing
00:21:42 - cmdstanpy - INFO - Chain [1] done processing
00:21:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:21:42 - cmdstanpy - INFO - Chain [1] start processing
00:21:43 - cmdstanpy - INFO - Chain [1] done processing
00:21:43 - cmdstanpy - INFO - Chain [1] start processing
00:21:43 - cmdstanpy - INFO - Chain [1] done processing
00:21:43 - cmdstanpy - INFO - Chain [1] start processing
00:21:43 - cmdstanpy - INFO - Chain [1] done processing
00:21:44 - cmdstanpy - INFO - Chain [1] start processing
00:21:44 - cmdstanpy - INFO - Chain [1] done processing
00:21:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:21:44 - cmdstanpy - INFO - Chain [1] start processing
00:21:44 - cmdstanpy - INFO - Chain [1] done processing
00:21:44 - cmdstanpy - INFO - Chain [1] start processing
00:21:44 - cmdstanpy - INFO - Chain [1] done processing
00:21:44 - cmdstanpy - INFO - Chain [1] start processing
00:21:45 - cmdstanpy - INFO - Chain [1] done processing
00:21:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:21:45 - cmdstanpy - INFO - Chain [1] done processing
00:21:45 - cmdstanpy - INFO - Chain [1] start processing
00:21:45 - cmdstanpy - INFO - Chain [1] done processing
00:21:45 - cmdstanpy - INFO - Chain [1] start processing
00:21:46 - cmdstanpy - INFO - Chain [1] done processing
00:21:46 - cmdstanpy - INFO - Chain [1] start processing
00:21:46 - cmdstanpy - INFO - Chain [1] done processing
00:21:46 - cmdstanpy - INFO - Chain [1] start processing
00:21:46 - cmdstanpy - INFO - Chain [1] done processing
00:21:47 - cmdstanpy - INFO - Chain [1] start processing
00:21:47 - cmdstanpy - INFO - Chain [1] done processing
00:21:47 - cmdstanpy - INFO - Chain [1] start processing
00:21:47 - cmdstanpy - INFO - Chain [1] done processing
00:21:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:21:47 - cmdstanpy - INFO - Chain [1] start processing
00:21:47 - cmdstanpy - INFO - Chain [1] done processing
00:21:47 - cmdstanpy - INFO - Chain [1] start processing
00:21:47 - cmdstanpy - INFO - Chain [1] done processing
00:21:48 - cmdstanpy - INFO - Chain [1] start processing
00:21:48 - cmdstanpy - INFO - Chain [1] done processing
00:21:48 - cmdstanpy - INFO - Chain [1] start processing
00:21:48 - cmdstanpy - INFO - Chain [1] done processing
00:21:48 - cmdstanpy - INFO - Chain [1] start processing
00:21:48 - cmdstanpy - INFO - Chain [1] done processing
00:21:49 - cmdstanpy - INFO - Chain [1] start processing
00:21:49 - cmdstanpy - INFO - Chain [1] done processing
00:21:49 - cmdstanpy - INFO - Chain [1] start processing
00:21:49 - cmdstanpy - INFO - Chain [1] done processing
00:21:49 - cmdstanpy - INFO - Chain [1] start processing
00:21:49 - cmdstanpy - INFO - Chain [1] done processing
00:21:50 - cmdstanpy - INFO - Chain [1] start processing
00:21:50 - cmdstanpy - INFO - Chain [1] done processing
00:21:50 - cmdstanpy - INFO - Chain [1] start processing
00:21:50 - cmdstanpy - INFO - Chain [1] done processing
00:21:50 - cmdstanpy - INFO - Chain [1] start processing
00:21:50 - cmdstanpy - INFO - Chain [1] done processing
00:21:51 - cmdstanpy - INFO - Chain [1] start processing
00:21:51 - cmdstanpy - INFO - Chain [1] done processing
00:21:51 - cmdstanpy - INFO - Chain [1] start processing
00:21:51 - cmdstanpy - INFO - Chain [1] done processing
00:21:52 - cmdstanpy - INFO - Chain [1] start processing
00:21:52 - cmdstanpy - INFO - Chain [1] done processing
00:21:52 - cmdstanpy - INFO - Chain [1] start processing
00:21:52 - cmdstanpy - INFO - Chain [1] done processing
00:21:52 - cmdstanpy - INFO - Chain [1] start processing
00:21:52 - cmdstanpy - INFO - Chain [1] done processing
00:21:53 - cmdstanpy - INFO - Chain [1] start processing
00:21:53 - cmdstanpy - INFO - Chain [1] done processing
00:21:53 - cmdstanpy - INFO - Chain [1] start processing
00:21:53 - cmdstanpy - INFO - Chain [1] done processing
00:21:53 - cmdstanpy - INFO - Chain [1] start processing
00:21:53 - cmdstanpy - INFO - Chain [1] done processing
00:21:54 - cmdstanpy - INFO - Chain [1] start processing
00:21:54 - cmdstanpy - INFO - Chain [1] done processing
00:21:54 - cmdstanpy - INFO - Chain [1] start processing
00:21:54 - cmdstanpy - INFO - Chain [1] done processing
00:21:54 - cmdstanpy - INFO - Chain [1] start processing
00:21:54 - cmdstanpy - INFO - Chain [1] done processing
00:21:55 - cmdstanpy - INFO - Chain [1] start processing
00:21:55 - cmdstanpy - INFO - Chain [1] done processing
00:21:55 - cmdstanpy - INFO - Chain [1] start processing
00:21:55 - cmdstanpy - INFO - Chain [1] done processing
00:21:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:21:55 - cmdstanpy - INFO - Chain [1] start processing
00:21:55 - cmdstanpy - INFO - Chain [1] done processing
00:21:56 - cmdstanpy - INFO - Chain [1] start processing
00:21:56 - cmdstanpy - INFO - Chain [1] done processing
00:21:56 - cmdstanpy - INFO - Chain [1] start processing
00:21:56 - cmdstanpy - INFO - Chain [1] done processing
00:21:57 - cmdstanpy - INFO - Chain [1] start processing
00:21:57 - cmdstanpy - INFO - Chain [1] done processing
00:21:57 - cmdstanpy - INFO - Chain [1] start processing
00:21:57 - cmdstanpy - INFO - Chain [1] done processing
00:21:57 - cmdstanpy - INFO - Chain [1] start processing
00:21:57 - cmdstanpy - INFO - Chain [1] done processing
00:21:58 - cmdstanpy - INFO - Chain [1] start processing
00:21:58 - cmdstanpy - INFO - Chain [1] done processing
00:21:58 - cmdstanpy - INFO - Chain [1] start processing
00:21:58 - cmdstanpy - INFO - Chain [1] done processing
00:21:59 - cmdstanpy - INFO - Chain [1] start processing
00:21:59 - cmdstanpy - INFO - Chain [1] done processing
00:21:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:21:59 - cmdstanpy - INFO - Chain [1] start processing
00:21:59 - cmdstanpy - INFO - Chain [1] done processing
00:21:59 - cmdstanpy - INFO - Chain [1] start processing
00:21:59 - cmdstanpy - INFO - Chain [1] done processing
00:22:00 - cmdstanpy - INFO - Chain [1] start processing
00:22:00 - cmdstanpy - INFO - Chain [1] done processing
00:22:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:00 - cmdstanpy - INFO - Chain [1] start processing
00:22:00 - cmdstanpy - INFO - Chain [1] done processing
00:22:00 - cmdstanpy - INFO - Chain [1] start processing
00:22:00 - cmdstanpy - INFO - Chain [1] done processing
00:22:01 - cmdstanpy - INFO - Chain [1] start processing
00:22:01 - cmdstanpy - INFO - Chain [1] done processing
00:22:01 - cmdstanpy - INFO - Chain [1] start processing
00:22:01 - cmdstanpy - INFO - Chain [1] done processing
00:22:02 - cmdstanpy - INFO - Chain [1] start processing
00:22:02 - cmdstanpy - INFO - Chain [1] done processing
00:22:02 - cmdstanpy - INFO - Chain [1] start processing
00:22:02 - cmdstanpy - INFO - Chain [1] done processing
00:22:02 - cmdstanpy - INFO - Chain [1] start processing
00:22:02 - cmdstanpy - INFO - Chain [1] done processing
00:22:03 - cmdstanpy - INFO - Chain [1] start processing
00:22:03 - cmdstanpy - INFO - Chain [1] done processing
00:22:03 - cmdstanpy - INFO - Chain [1] start processing
00:22:03 - cmdstanpy - INFO - Chain [1] done processing
00:22:03 - cmdstanpy - INFO - Chain [1] start processing
00:22:03 - cmdstanpy - INFO - Chain [1] done processing
00:22:04 - cmdstanpy - INFO - Chain [1] start processing
00:22:04 - cmdstanpy - INFO - Chain [1] done processing
00:22:04 - cmdstanpy - INFO - Chain [1] start processing
00:22:04 - cmdstanpy - INFO - Chain [1] done processing
00:22:04 - cmdstanpy - INFO - Chain [1] start processing
00:22:04 - cmdstanpy - INFO - Chain [1] done processing
00:22:05 - cmdstanpy - INFO - Chain [1] start processing
00:22:05 - cmdstanpy - INFO - Chain [1] done processing
00:22:05 - cmdstanpy - INFO - Chain [1] start processing
00:22:05 - cmdstanpy - INFO - Chain [1] done processing
00:22:06 - cmdstanpy - INFO - Chain [1] start processing
00:22:06 - cmdstanpy - INFO - Chain [1] done processing
00:22:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:06 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:22:06 - cmdstanpy - INFO - Chain [1] done processing
00:22:06 - cmdstanpy - INFO - Chain [1] start processing
00:22:07 - cmdstanpy - INFO - Chain [1] done processing
00:22:07 - cmdstanpy - INFO - Chain [1] start processing
00:22:07 - cmdstanpy - INFO - Chain [1] done processing
00:22:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:07 - cmdstanpy - INFO - Chain [1] start processing
00:22:07 - cmdstanpy - INFO - Chain [1] done processing
00:22:07 - cmdstanpy - INFO - Chain [1] start processing
00:22:07 - cmdstanpy - INFO - Chain [1] done processing
00:22:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:08 - cmdstanpy - INFO - Chain [1] start processing
00:22:08 - cmdstanpy - INFO - Chain [1] done processing
00:22:08 - cmdstanpy - INFO - Chain [1] start processing
00:22:08 - cmdstanpy - INFO - Chain [1] done processing
00:22:08 - cmdstanpy - INFO - Chain [1] start processing
00:22:08 - cmdstanpy - INFO - Chain [1] done processing
00:22:09 - cmdstanpy - INFO - Chain [1] start processing
00:22:09 - cmdstanpy - INFO - Chain [1] done processing
00:22:09 - cmdstanpy - INFO - Chain [1] start processing
00:22:09 - cmdstanpy - INFO - Chain [1] done processing
00:22:09 - cmdstanpy - INFO - Chain [1] start processing
00:22:09 - cmdstanpy - INFO - Chain [1] done processing
00:22:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:09 - cmdstanpy - INFO - Chain [1] start processing
00:22:10 - cmdstanpy - INFO - Chain [1] done processing
00:22:10 - cmdstanpy - INFO - Chain [1] start processing
00:22:10 - cmdstanpy - INFO - Chain [1] done processing
00:22:10 - cmdstanpy - INFO - Chain [1] start processing
00:22:10 - cmdstanpy - INFO - Chain [1] done processing
00:22:10 - cmdstanpy - INFO - Chain [1] start processing
00:22:11 - cmdstanpy - INFO - Chain [1] done processing
00:22:11 - cmdstanpy - INFO - Chain [1] start processing
00:22:11 - cmdstanpy - INFO - Chain [1] done processing
00:22:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:11 - cmdstanpy - INFO - Chain [1] start processing
00:22:11 - cmdstanpy - INFO - Chain [1] done processing
00:22:11 - cmdstanpy - INFO - Chain [1] start processing
00:22:11 - cmdstanpy - INFO - Chain [1] done processing
00:22:12 - cmdstanpy - INFO - Chain [1] start processing
00:22:12 - cmdstanpy - INFO - Chain [1] done processing
00:22:12 - cmdstanpy - INFO - Chain [1] start processing
00:22:12 - cmdstanpy - INFO - Chain [1] done processing
00:22:12 - cmdstanpy - INFO - Chain [1] start processing
00:22:12 - cmdstanpy - INFO - Chain [1] done processing
00:22:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:12 - cmdstanpy - INFO - Chain [1] start processing
00:22:13 - cmdstanpy - INFO - Chain [1] done processing
00:22:13 - cmdstanpy - INFO - Chain [1] start processing
00:22:13 - cmdstanpy - INFO - Chain [1] done processing
00:22:13 - cmdstanpy - INFO - Chain [1] start processing
00:22:13 - cmdstanpy - INFO - Chain [1] done processing
00:22:14 - cmdstanpy - INFO - Chain [1] start processing
00:22:14 - cmdstanpy - INFO - Chain [1] done processing
00:22:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:14 - cmdstanpy - INFO - Chain [1] start processing
00:22:14 - cmdstanpy - INFO - Chain [1] done processing
00:22:14 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:22:14 - cmdstanpy - INFO - Chain [1] done processing
00:22:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:14 - cmdstanpy - INFO - Chain [1] start processing
00:22:15 - cmdstanpy - INFO - Chain [1] done processing
00:22:15 - cmdstanpy - INFO - Chain [1] start processing
00:22:15 - cmdstanpy - INFO - Chain [1] done processing
00:22:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:15 - cmdstanpy - INFO - Chain [1] start processing
00:22:15 - cmdstanpy - INFO - Chain [1] done processing
00:22:15 - cmdstanpy - INFO - Chain [1] start processing
00:22:15 - cmdstanpy - INFO - Chain [1] done processing
00:22:16 - cmdstanpy - INFO - Chain [1] start processing
00:22:16 - cmdstanpy - INFO - Chain [1] done processing
00:22:16 - cmdstanpy - INFO - Chain [1] start processing
00:22:16 - cmdstanpy - INFO - Chain [1] done processing
00:22:16 - cmdstanpy - INFO - Chain [1] start processing
00:22:16 - cmdstanpy - INFO - Chain [1] done processing
00:22:17 - cmdstanpy - INFO - Chain [1] start processing
00:22:17 - cmdstanpy - INFO - Chain [1] done processing
00:22:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:17 - cmdstanpy - INFO - Chain [1] start processing
00:22:17 - cmdstanpy - INFO - Chain [1] done processing
00:22:17 - cmdstanpy - INFO - Chain [1] start processing
00:22:17 - cmdstanpy - INFO - Chain [1] done processing
00:22:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:17 - cmdstanpy - INFO - Chain [1] start processing
00:22:17 - cmdstanpy - INFO - Chain [1] done processing
00:22:18 - cmdstanpy - INFO - Chain [1] start processing
00:22:18 - cmdstanpy - INFO - Chain [1] done processing
00:22:18 - cmdstanpy - INFO - Chain [1] start processing
00:22:18 - cmdstanpy - INFO - Chain [1] done processing
00:22:18 - cmdstanpy - INFO - Chain [1] start processing
00:22:18 - cmdstanpy - INFO - Chain [1] done processing
00:22:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:18 - cmdstanpy - INFO - Chain [1] start processing
00:22:19 - cmdstanpy - INFO - Chain [1] done processing
00:22:19 - cmdstanpy - INFO - Chain [1] start processing
00:22:19 - cmdstanpy - INFO - Chain [1] done processing
00:22:19 - cmdstanpy - INFO - Chain [1] start processing
00:22:19 - cmdstanpy - INFO - Chain [1] done processing
00:22:20 - cmdstanpy - INFO - Chain [1] start processing
00:22:20 - cmdstanpy - INFO - Chain [1] done processing
00:22:20 - cmdstanpy - INFO - Chain [1] start processing
00:22:20 - cmdstanpy - INFO - Chain [1] done processing
00:22:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:20 - cmdstanpy - INFO - Chain [1] start processing
00:22:20 - cmdstanpy - INFO - Chain [1] done processing
00:22:20 - cmdstanpy - INFO - Chain [1] start processing
00:22:20 - cmdstanpy - INFO - Chain [1] done processing
00:22:21 - cmdstanpy - INFO - Chain [1] start processing
00:22:21 - cmdstanpy - INFO - Chain [1] done processing
00:22:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:21 - cmdstanpy - INFO - Chain [1] start processing
00:22:21 - cmdstanpy - INFO - Chain [1] done processing
00:22:22 - cmdstanpy - INFO - Chain [1] start processing
00:22:22 - cmdstanpy - INFO - Chain [1] done processing
00:22:22 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:22:22 - cmdstanpy - INFO - Chain [1] done processing
00:22:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:22 - cmdstanpy - INFO - Chain [1] start processing
00:22:22 - cmdstanpy - INFO - Chain [1] done processing
00:22:22 - cmdstanpy - INFO - Chain [1] start processing
00:22:23 - cmdstanpy - INFO - Chain [1] done processing
00:22:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:23 - cmdstanpy - INFO - Chain [1] start processing
00:22:23 - cmdstanpy - INFO - Chain [1] done processing
00:22:23 - cmdstanpy - INFO - Chain [1] start processing
00:22:23 - cmdstanpy - INFO - Chain [1] done processing
00:22:23 - cmdstanpy - INFO - Chain [1] start processing
00:22:24 - cmdstanpy - INFO - Chain [1] done processing
00:22:24 - cmdstanpy - INFO - Chain [1] start processing
00:22:24 - cmdstanpy - INFO - Chain [1] done processing
00:22:24 - cmdstanpy - INFO - Chain [1] start processing
00:22:24 - cmdstanpy - INFO - Chain [1] done processing
00:22:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:24 - cmdstanpy - INFO - Chain [1] start processing
00:22:24 - cmdstanpy - INFO - Chain [1] done processing
00:22:25 - cmdstanpy - INFO - Chain [1] start processing
00:22:25 - cmdstanpy - INFO - Chain [1] done processing
00:22:25 - cmdstanpy - INFO - Chain [1] start processing
00:22:25 - cmdstanpy - INFO - Chain [1] done processing
00:22:25 - cmdstanpy - INFO - Chain [1] start processing
00:22:25 - cmdstanpy - INFO - Chain [1] done processing
00:22:26 - cmdstanpy - INFO - Chain [1] start processing
00:22:26 - cmdstanpy - INFO - Chain [1] done processing
00:22:26 - cmdstanpy - INFO - Chain [1] start processing
00:22:26 - cmdstanpy - INFO - Chain [1] done processing
00:22:26 - cmdstanpy - INFO - Chain [1] start processing
00:22:26 - cmdstanpy - INFO - Chain [1] done processing
00:22:27 - cmdstanpy - INFO - Chain [1] start processing
00:22:27 - cmdstanpy - INFO - Chain [1] done processing
00:22:27 - cmdstanpy - INFO - Chain [1] start processing
00:22:27 - cmdstanpy - INFO - Chain [1] done processing
00:22:27 - cmdstanpy - INFO - Chain [1] start processing
00:22:28 - cmdstanpy - INFO - Chain [1] done processing
00:22:28 - cmdstanpy - INFO - Chain [1] start processing
00:22:28 - cmdstanpy - INFO - Chain [1] done processing
00:22:28 - cmdstanpy - INFO - Chain [1] start processing
00:22:28 - cmdstanpy - INFO - Chain [1] done processing
00:22:28 - cmdstanpy - INFO - Chain [1] start processing
00:22:29 - cmdstanpy - INFO - Chain [1] done processing
00:22:29 - cmdstanpy - INFO - Chain [1] start processing
00:22:29 - cmdstanpy - INFO - Chain [1] done processing
00:22:29 - cmdstanpy - INFO - Chain [1] start processing
00:22:29 - cmdstanpy - INFO - Chain [1] done processing
00:22:30 - cmdstanpy - INFO - Chain [1] start processing
00:22:30 - cmdstanpy - INFO - Chain [1] done processing
00:22:30 - cmdstanpy - INFO - Chain [1] start processing
00:22:30 - cmdstanpy - INFO - Chain [1] done processing
00:22:30 - cmdstanpy - INFO - Chain [1] start processing
00:22:30 - cmdstanpy - INFO - Chain [1] done processing
00:22:31 - cmdstanpy - INFO - Chain [1] start processing
00:22:31 - cmdstanpy - INFO - Chain [1] done processing
00:22:31 - cmdstanpy - INFO - Chain [1] start processing
00:22:31 - cmdstanpy - INFO - Chain [1] done processing
00:22:31 - cmdstanpy - INFO - Chain [1] start processing
00:22:31 - cmdstanpy - INFO - Chain [1] done processing
00:22:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:22:31 - cmdstanpy - INFO - Chain [1] start processing
00:22:31 - cmdstanpy - INFO - Chain [1] done processing
00:22:32 - cmdstanpy - INFO - Chain [1] start processing
00:22:32 - cmdstanpy - INFO - Chain [1] done processing
00:22:32 - cmdstanpy - INFO - Chain [1] start processing
00:22:32 - cmdstanpy - INFO - Chain [1] done processing
00:22:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:32 - cmdstanpy - INFO - Chain [1] start processing
00:22:32 - cmdstanpy - INFO - Chain [1] done processing
00:22:33 - cmdstanpy - INFO - Chain [1] start processing
00:22:33 - cmdstanpy - INFO - Chain [1] done processing
00:22:33 - cmdstanpy - INFO - Chain [1] start processing
00:22:33 - cmdstanpy - INFO - Chain [1] done processing
00:22:33 - cmdstanpy - INFO - Chain [1] start processing
00:22:33 - cmdstanpy - INFO - Chain [1] done processing
00:22:34 - cmdstanpy - INFO - Chain [1] start processing
00:22:34 - cmdstanpy - INFO - Chain [1] done processing
00:22:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:34 - cmdstanpy - INFO - Chain [1] start processing
00:22:34 - cmdstanpy - INFO - Chain [1] done processing
00:22:34 - cmdstanpy - INFO - Chain [1] start processing
00:22:34 - cmdstanpy - INFO - Chain [1] done processing
00:22:35 - cmdstanpy - INFO - Chain [1] start processing
00:22:35 - cmdstanpy - INFO - Chain [1] done processing
00:22:35 - cmdstanpy - INFO - Chain [1] start processing
00:22:35 - cmdstanpy - INFO - Chain [1] done processing
00:22:35 - cmdstanpy - INFO - Chain [1] start processing
00:22:35 - cmdstanpy - INFO - Chain [1] done processing
00:22:36 - cmdstanpy - INFO - Chain [1] start processing
00:22:36 - cmdstanpy - INFO - Chain [1] done processing
00:22:36 - cmdstanpy - INFO - Chain [1] start processing
00:22:36 - cmdstanpy - INFO - Chain [1] done processing
00:22:36 - cmdstanpy - INFO - Chain [1] start processing
00:22:37 - cmdstanpy - INFO - Chain [1] done processing
00:22:37 - cmdstanpy - INFO - Chain [1] start processing
00:22:37 - cmdstanpy - INFO - Chain [1] done processing
00:22:37 - cmdstanpy - INFO - Chain [1] start processing
00:22:37 - cmdstanpy - INFO - Chain [1] done processing
00:22:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:37 - cmdstanpy - INFO - Chain [1] start processing
00:22:37 - cmdstanpy - INFO - Chain [1] done processing
00:22:38 - cmdstanpy - INFO - Chain [1] start processing
00:22:38 - cmdstanpy - INFO - Chain [1] done processing
00:22:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:38 - cmdstanpy - INFO - Chain [1] start processing
00:22:38 - cmdstanpy - INFO - Chain [1] done processing
00:22:38 - cmdstanpy - INFO - Chain [1] start processing
00:22:38 - cmdstanpy - INFO - Chain [1] done processing
00:22:39 - cmdstanpy - INFO - Chain [1] start processing
00:22:39 - cmdstanpy - INFO - Chain [1] done processing
00:22:39 - cmdstanpy - INFO - Chain [1] start processing
00:22:39 - cmdstanpy - INFO - Chain [1] done processing
00:22:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:39 - cmdstanpy - INFO - Chain [1] start processing
00:22:39 - cmdstanpy - INFO - Chain [1] done processing
00:22:39 - cmdstanpy - INFO - Chain [1] start processing
00:22:40 - cmdstanpy - INFO - Chain [1] done processing
00:22:40 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:22:40 - cmdstanpy - INFO - Chain [1] done processing
00:22:40 - cmdstanpy - INFO - Chain [1] start processing
00:22:40 - cmdstanpy - INFO - Chain [1] done processing
00:22:40 - cmdstanpy - INFO - Chain [1] start processing
00:22:41 - cmdstanpy - INFO - Chain [1] done processing
00:22:41 - cmdstanpy - INFO - Chain [1] start processing
00:22:41 - cmdstanpy - INFO - Chain [1] done processing
00:22:41 - cmdstanpy - INFO - Chain [1] start processing
00:22:41 - cmdstanpy - INFO - Chain [1] done processing
00:22:42 - cmdstanpy - INFO - Chain [1] start processing
00:22:42 - cmdstanpy - INFO - Chain [1] done processing
00:22:42 - cmdstanpy - INFO - Chain [1] start processing
00:22:42 - cmdstanpy - INFO - Chain [1] done processing
00:22:42 - cmdstanpy - INFO - Chain [1] start processing
00:22:42 - cmdstanpy - INFO - Chain [1] done processing
00:22:43 - cmdstanpy - INFO - Chain [1] start processing
00:22:43 - cmdstanpy - INFO - Chain [1] done processing
00:22:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:43 - cmdstanpy - INFO - Chain [1] start processing
00:22:43 - cmdstanpy - INFO - Chain [1] done processing
00:22:43 - cmdstanpy - INFO - Chain [1] start processing
00:22:43 - cmdstanpy - INFO - Chain [1] done processing
00:22:43 - cmdstanpy - INFO - Chain [1] start processing
00:22:43 - cmdstanpy - INFO - Chain [1] done processing
00:22:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:43 - cmdstanpy - INFO - Chain [1] start processing
00:22:44 - cmdstanpy - INFO - Chain [1] done processing
00:22:44 - cmdstanpy - INFO - Chain [1] start processing
00:22:44 - cmdstanpy - INFO - Chain [1] done processing
00:22:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:44 - cmdstanpy - INFO - Chain [1] start processing
00:22:44 - cmdstanpy - INFO - Chain [1] done processing
00:22:45 - cmdstanpy - INFO - Chain [1] start processing
00:22:45 - cmdstanpy - INFO - Chain [1] done processing
00:22:45 - cmdstanpy - INFO - Chain [1] start processing
00:22:45 - cmdstanpy - INFO - Chain [1] done processing
00:22:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:45 - cmdstanpy - INFO - Chain [1] start processing
00:22:45 - cmdstanpy - INFO - Chain [1] done processing
00:22:45 - cmdstanpy - INFO - Chain [1] start processing
00:22:46 - cmdstanpy - INFO - Chain [1] done processing
00:22:46 - cmdstanpy - INFO - Chain [1] start processing
00:22:46 - cmdstanpy - INFO - Chain [1] done processing
00:22:46 - cmdstanpy - INFO - Chain [1] start processing
00:22:46 - cmdstanpy - INFO - Chain [1] done processing
00:22:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:46 - cmdstanpy - INFO - Chain [1] start processing
00:22:47 - cmdstanpy - INFO - Chain [1] done processing
00:22:47 - cmdstanpy - INFO - Chain [1] start processing
00:22:47 - cmdstanpy - INFO - Chain [1] done processing
00:22:47 - cmdstanpy - INFO - Chain [1] start processing
00:22:47 - cmdstanpy - INFO - Chain [1] done processing
00:22:48 - cmdstanpy - INFO - Chain [1] start processing
00:22:48 - cmdstanpy - INFO - Chain [1] done processing
00:22:48 - cmdstanpy - INFO - Chain [1] start processing
00:22:48 - cmdstanpy - INFO - Chain [1] done processing
00:22:48 - cmdstanpy - INFO - Chain [1] start processing
00:22:48 - cmdstanpy - INFO - Chain [1] done processing
00:22:49 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:22:49 - cmdstanpy - INFO - Chain [1] done processing
00:22:49 - cmdstanpy - INFO - Chain [1] start processing
00:22:49 - cmdstanpy - INFO - Chain [1] done processing
00:22:49 - cmdstanpy - INFO - Chain [1] start processing
00:22:49 - cmdstanpy - INFO - Chain [1] done processing
00:22:50 - cmdstanpy - INFO - Chain [1] start processing
00:22:50 - cmdstanpy - INFO - Chain [1] done processing
00:22:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:50 - cmdstanpy - INFO - Chain [1] start processing
00:22:50 - cmdstanpy - INFO - Chain [1] done processing
00:22:50 - cmdstanpy - INFO - Chain [1] start processing
00:22:50 - cmdstanpy - INFO - Chain [1] done processing
00:22:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:50 - cmdstanpy - INFO - Chain [1] start processing
00:22:50 - cmdstanpy - INFO - Chain [1] done processing
00:22:51 - cmdstanpy - INFO - Chain [1] start processing
00:22:51 - cmdstanpy - INFO - Chain [1] done processing
00:22:51 - cmdstanpy - INFO - Chain [1] start processing
00:22:51 - cmdstanpy - INFO - Chain [1] done processing
00:22:51 - cmdstanpy - INFO - Chain [1] start processing
00:22:52 - cmdstanpy - INFO - Chain [1] done processing
00:22:52 - cmdstanpy - INFO - Chain [1] start processing
00:22:52 - cmdstanpy - INFO - Chain [1] done processing
00:22:52 - cmdstanpy - INFO - Chain [1] start processing
00:22:52 - cmdstanpy - INFO - Chain [1] done processing
00:22:52 - cmdstanpy - INFO - Chain [1] start processing
00:22:53 - cmdstanpy - INFO - Chain [1] done processing
00:22:53 - cmdstanpy - INFO - Chain [1] start processing
00:22:53 - cmdstanpy - INFO - Chain [1] done processing
00:22:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:53 - cmdstanpy - INFO - Chain [1] start processing
00:22:53 - cmdstanpy - INFO - Chain [1] done processing
00:22:53 - cmdstanpy - INFO - Chain [1] start processing
00:22:53 - cmdstanpy - INFO - Chain [1] done processing
00:22:54 - cmdstanpy - INFO - Chain [1] start processing
00:22:54 - cmdstanpy - INFO - Chain [1] done processing
00:22:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:54 - cmdstanpy - INFO - Chain [1] start processing
00:22:54 - cmdstanpy - INFO - Chain [1] done processing
00:22:54 - cmdstanpy - INFO - Chain [1] start processing
00:22:54 - cmdstanpy - INFO - Chain [1] done processing
00:22:55 - cmdstanpy - INFO - Chain [1] start processing
00:22:55 - cmdstanpy - INFO - Chain [1] done processing
00:22:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:55 - cmdstanpy - INFO - Chain [1] start processing
00:22:55 - cmdstanpy - INFO - Chain [1] done processing
00:22:55 - cmdstanpy - INFO - Chain [1] start processing
00:22:55 - cmdstanpy - INFO - Chain [1] done processing
00:22:56 - cmdstanpy - INFO - Chain [1] start processing
00:22:56 - cmdstanpy - INFO - Chain [1] done processing
00:22:56 - cmdstanpy - INFO - Chain [1] start processing
00:22:56 - cmdstanpy - INFO - Chain [1] done processing
00:22:56 - cmdstanpy - INFO - Chain [1] start processing
00:22:56 - cmdstanpy - INFO - Chain [1] done processing
00:22:57 - cmdstanpy - INFO - Chain [1] start processing
00:22:57 - cmdstanpy - INFO - Chain [1] done processing
00:22:57 - cmdstanpy - INFO - Chain [1] start processing
00:22:57 - cmdstanpy - INFO - Chain [1] done processing
00:22:57 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:22:57 - cmdstanpy - INFO - Chain [1] done processing
00:22:58 - cmdstanpy - INFO - Chain [1] start processing
00:22:58 - cmdstanpy - INFO - Chain [1] done processing
00:22:58 - cmdstanpy - INFO - Chain [1] start processing
00:22:58 - cmdstanpy - INFO - Chain [1] done processing
00:22:59 - cmdstanpy - INFO - Chain [1] start processing
00:22:59 - cmdstanpy - INFO - Chain [1] done processing
00:22:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:22:59 - cmdstanpy - INFO - Chain [1] start processing
00:22:59 - cmdstanpy - INFO - Chain [1] done processing
00:22:59 - cmdstanpy - INFO - Chain [1] start processing
00:22:59 - cmdstanpy - INFO - Chain [1] done processing
00:23:00 - cmdstanpy - INFO - Chain [1] start processing
00:23:00 - cmdstanpy - INFO - Chain [1] done processing
00:23:00 - cmdstanpy - INFO - Chain [1] start processing
00:23:00 - cmdstanpy - INFO - Chain [1] done processing
00:23:00 - cmdstanpy - INFO - Chain [1] start processing
00:23:00 - cmdstanpy - INFO - Chain [1] done processing
00:23:01 - cmdstanpy - INFO - Chain [1] start processing
00:23:01 - cmdstanpy - INFO - Chain [1] done processing
00:23:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:01 - cmdstanpy - INFO - Chain [1] start processing
00:23:01 - cmdstanpy - INFO - Chain [1] done processing
00:23:01 - cmdstanpy - INFO - Chain [1] start processing
00:23:01 - cmdstanpy - INFO - Chain [1] done processing
00:23:02 - cmdstanpy - INFO - Chain [1] start processing
00:23:02 - cmdstanpy - INFO - Chain [1] done processing
00:23:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:02 - cmdstanpy - INFO - Chain [1] start processing
00:23:02 - cmdstanpy - INFO - Chain [1] done processing
00:23:02 - cmdstanpy - INFO - Chain [1] start processing
00:23:02 - cmdstanpy - INFO - Chain [1] done processing
00:23:03 - cmdstanpy - INFO - Chain [1] start processing
00:23:03 - cmdstanpy - INFO - Chain [1] done processing
00:23:03 - cmdstanpy - INFO - Chain [1] start processing
00:23:03 - cmdstanpy - INFO - Chain [1] done processing
00:23:03 - cmdstanpy - INFO - Chain [1] start processing
00:23:03 - cmdstanpy - INFO - Chain [1] done processing
00:23:04 - cmdstanpy - INFO - Chain [1] start processing
00:23:04 - cmdstanpy - INFO - Chain [1] done processing
00:23:04 - cmdstanpy - INFO - Chain [1] start processing
00:23:04 - cmdstanpy - INFO - Chain [1] done processing
00:23:04 - cmdstanpy - INFO - Chain [1] start processing
00:23:04 - cmdstanpy - INFO - Chain [1] done processing
00:23:05 - cmdstanpy - INFO - Chain [1] start processing
00:23:05 - cmdstanpy - INFO - Chain [1] done processing
00:23:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:05 - cmdstanpy - INFO - Chain [1] start processing
00:23:05 - cmdstanpy - INFO - Chain [1] done processing
00:23:05 - cmdstanpy - INFO - Chain [1] start processing
00:23:05 - cmdstanpy - INFO - Chain [1] done processing
00:23:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:05 - cmdstanpy - INFO - Chain [1] start processing
00:23:06 - cmdstanpy - INFO - Chain [1] done processing
00:23:06 - cmdstanpy - INFO - Chain [1] start processing
00:23:06 - cmdstanpy - INFO - Chain [1] done processing
00:23:06 - cmdstanpy - INFO - Chain [1] start processing
00:23:06 - cmdstanpy - INFO - Chain [1] done processing
00:23:07 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:23:07 - cmdstanpy - INFO - Chain [1] done processing
00:23:07 - cmdstanpy - INFO - Chain [1] start processing
00:23:07 - cmdstanpy - INFO - Chain [1] done processing
00:23:07 - cmdstanpy - INFO - Chain [1] start processing
00:23:07 - cmdstanpy - INFO - Chain [1] done processing
00:23:08 - cmdstanpy - INFO - Chain [1] start processing
00:23:08 - cmdstanpy - INFO - Chain [1] done processing
00:23:08 - cmdstanpy - INFO - Chain [1] start processing
00:23:08 - cmdstanpy - INFO - Chain [1] done processing
00:23:08 - cmdstanpy - INFO - Chain [1] start processing
00:23:08 - cmdstanpy - INFO - Chain [1] done processing
00:23:09 - cmdstanpy - INFO - Chain [1] start processing
00:23:09 - cmdstanpy - INFO - Chain [1] done processing
00:23:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:09 - cmdstanpy - INFO - Chain [1] start processing
00:23:09 - cmdstanpy - INFO - Chain [1] done processing
00:23:09 - cmdstanpy - INFO - Chain [1] start processing
00:23:09 - cmdstanpy - INFO - Chain [1] done processing
00:23:10 - cmdstanpy - INFO - Chain [1] start processing
00:23:10 - cmdstanpy - INFO - Chain [1] done processing
00:23:10 - cmdstanpy - INFO - Chain [1] start processing
00:23:10 - cmdstanpy - INFO - Chain [1] done processing
00:23:10 - cmdstanpy - INFO - Chain [1] start processing
00:23:10 - cmdstanpy - INFO - Chain [1] done processing
00:23:11 - cmdstanpy - INFO - Chain [1] start processing
00:23:11 - cmdstanpy - INFO - Chain [1] done processing
00:23:11 - cmdstanpy - INFO - Chain [1] start processing
00:23:11 - cmdstanpy - INFO - Chain [1] done processing
00:23:12 - cmdstanpy - INFO - Chain [1] start processing
00:23:12 - cmdstanpy - INFO - Chain [1] done processing
00:23:12 - cmdstanpy - INFO - Chain [1] start processing
00:23:12 - cmdstanpy - INFO - Chain [1] done processing
00:23:12 - cmdstanpy - INFO - Chain [1] start processing
00:23:12 - cmdstanpy - INFO - Chain [1] done processing
00:23:13 - cmdstanpy - INFO - Chain [1] start processing
00:23:13 - cmdstanpy - INFO - Chain [1] done processing
00:23:13 - cmdstanpy - INFO - Chain [1] start processing
00:23:13 - cmdstanpy - INFO - Chain [1] done processing
00:23:13 - cmdstanpy - INFO - Chain [1] start processing
00:23:14 - cmdstanpy - INFO - Chain [1] done processing
00:23:14 - cmdstanpy - INFO - Chain [1] start processing
00:23:14 - cmdstanpy - INFO - Chain [1] done processing
00:23:14 - cmdstanpy - INFO - Chain [1] start processing
00:23:14 - cmdstanpy - INFO - Chain [1] done processing
00:23:15 - cmdstanpy - INFO - Chain [1] start processing
00:23:15 - cmdstanpy - INFO - Chain [1] done processing
00:23:15 - cmdstanpy - INFO - Chain [1] start processing
00:23:15 - cmdstanpy - INFO - Chain [1] done processing
00:23:16 - cmdstanpy - INFO - Chain [1] start processing
00:23:16 - cmdstanpy - INFO - Chain [1] done processing
00:23:16 - cmdstanpy - INFO - Chain [1] start processing
00:23:16 - cmdstanpy - INFO - Chain [1] done processing
00:23:16 - cmdstanpy - INFO - Chain [1] start processing
00:23:17 - cmdstanpy - INFO - Chain [1] done processing
00:23:17 - cmdstanpy - INFO - Chain [1] start processing
00:23:17 - cmdstanpy - INFO - Chain [1] done processing
00:23:17 - cmdstanpy - INFO - Chain [1] start processing
00:23:17 - cmdstanpy - INFO - Chain [1] done processing
00:23:18 - cmdstanpy - INFO - Chain [1] start processing
00:23:18 - cmdstanpy - INFO - Chain [1] done processing
00:23:18 - cmdstanpy - INFO - Chain [1] start processing
00:23:18 - cmdstanpy - INFO - Chain [1] done processing
00:23:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:23:18 - cmdstanpy - INFO - Chain [1] done processing
00:23:19 - cmdstanpy - INFO - Chain [1] start processing
00:23:19 - cmdstanpy - INFO - Chain [1] done processing
00:23:19 - cmdstanpy - INFO - Chain [1] start processing
00:23:19 - cmdstanpy - INFO - Chain [1] done processing
00:23:19 - cmdstanpy - INFO - Chain [1] start processing
00:23:19 - cmdstanpy - INFO - Chain [1] done processing
00:23:20 - cmdstanpy - INFO - Chain [1] start processing
00:23:20 - cmdstanpy - INFO - Chain [1] done processing
00:23:20 - cmdstanpy - INFO - Chain [1] start processing
00:23:20 - cmdstanpy - INFO - Chain [1] done processing
00:23:20 - cmdstanpy - INFO - Chain [1] start processing
00:23:20 - cmdstanpy - INFO - Chain [1] done processing
00:23:21 - cmdstanpy - INFO - Chain [1] start processing
00:23:21 - cmdstanpy - INFO - Chain [1] done processing
00:23:21 - cmdstanpy - INFO - Chain [1] start processing
00:23:21 - cmdstanpy - INFO - Chain [1] done processing
00:23:21 - cmdstanpy - INFO - Chain [1] start processing
00:23:21 - cmdstanpy - INFO - Chain [1] done processing
00:23:22 - cmdstanpy - INFO - Chain [1] start processing
00:23:22 - cmdstanpy - INFO - Chain [1] done processing
00:23:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:22 - cmdstanpy - INFO - Chain [1] start processing
00:23:22 - cmdstanpy - INFO - Chain [1] done processing
00:23:22 - cmdstanpy - INFO - Chain [1] start processing
00:23:22 - cmdstanpy - INFO - Chain [1] done processing
00:23:22 - cmdstanpy - INFO - Chain [1] start processing
00:23:23 - cmdstanpy - INFO - Chain [1] done processing
00:23:23 - cmdstanpy - INFO - Chain [1] start processing
00:23:23 - cmdstanpy - INFO - Chain [1] done processing
00:23:23 - cmdstanpy - INFO - Chain [1] start processing
00:23:23 - cmdstanpy - INFO - Chain [1] done processing
00:23:24 - cmdstanpy - INFO - Chain [1] start processing
00:23:24 - cmdstanpy - INFO - Chain [1] done processing
00:23:24 - cmdstanpy - INFO - Chain [1] start processing
00:23:24 - cmdstanpy - INFO - Chain [1] done processing
00:23:24 - cmdstanpy - INFO - Chain [1] start processing
00:23:24 - cmdstanpy - INFO - Chain [1] done processing
00:23:25 - cmdstanpy - INFO - Chain [1] start processing
00:23:25 - cmdstanpy - INFO - Chain [1] done processing
00:23:25 - cmdstanpy - INFO - Chain [1] start processing
00:23:25 - cmdstanpy - INFO - Chain [1] done processing
00:23:25 - cmdstanpy - INFO - Chain [1] start processing
00:23:25 - cmdstanpy - INFO - Chain [1] done processing
00:23:26 - cmdstanpy - INFO - Chain [1] start processing
00:23:26 - cmdstanpy - INFO - Chain [1] done processing
00:23:26 - cmdstanpy - INFO - Chain [1] start processing
00:23:26 - cmdstanpy - INFO - Chain [1] done processing
00:23:26 - cmdstanpy - INFO - Chain [1] start processing
00:23:26 - cmdstanpy - INFO - Chain [1] done processing
00:23:27 - cmdstanpy - INFO - Chain [1] start processing
00:23:27 - cmdstanpy - INFO - Chain [1] done processing
00:23:27 - cmdstanpy - INFO - Chain [1] start processing
00:23:27 - cmdstanpy - INFO - Chain [1] done processing
00:23:27 - cmdstanpy - INFO - Chain [1] start processing
00:23:27 - cmdstanpy - INFO - Chain [1] done processing
00:23:28 - cmdstanpy - INFO - Chain [1] start processing
00:23:28 - cmdstanpy - INFO - Chain [1] done processing
00:23:28 - cmdstanpy - INFO - Chain [1] start processing
00:23:28 - cmdstanpy - INFO - Chain [1] done processing
00:23:28 - cmdstanpy - INFO - Chain [1] start processing
00:23:28 - cmdstanpy - INFO - Chain [1] done processing
00:23:29 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:23:29 - cmdstanpy - INFO - Chain [1] done processing
00:23:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:29 - cmdstanpy - INFO - Chain [1] start processing
00:23:29 - cmdstanpy - INFO - Chain [1] done processing
00:23:29 - cmdstanpy - INFO - Chain [1] start processing
00:23:29 - cmdstanpy - INFO - Chain [1] done processing
00:23:30 - cmdstanpy - INFO - Chain [1] start processing
00:23:30 - cmdstanpy - INFO - Chain [1] done processing
00:23:30 - cmdstanpy - INFO - Chain [1] start processing
00:23:30 - cmdstanpy - INFO - Chain [1] done processing
00:23:30 - cmdstanpy - INFO - Chain [1] start processing
00:23:30 - cmdstanpy - INFO - Chain [1] done processing
00:23:31 - cmdstanpy - INFO - Chain [1] start processing
00:23:31 - cmdstanpy - INFO - Chain [1] done processing
00:23:31 - cmdstanpy - INFO - Chain [1] start processing
00:23:31 - cmdstanpy - INFO - Chain [1] done processing
00:23:31 - cmdstanpy - INFO - Chain [1] start processing
00:23:31 - cmdstanpy - INFO - Chain [1] done processing
00:23:32 - cmdstanpy - INFO - Chain [1] start processing
00:23:32 - cmdstanpy - INFO - Chain [1] done processing
00:23:32 - cmdstanpy - INFO - Chain [1] start processing
00:23:32 - cmdstanpy - INFO - Chain [1] done processing
00:23:32 - cmdstanpy - INFO - Chain [1] start processing
00:23:33 - cmdstanpy - INFO - Chain [1] done processing
00:23:33 - cmdstanpy - INFO - Chain [1] start processing
00:23:33 - cmdstanpy - INFO - Chain [1] done processing
00:23:33 - cmdstanpy - INFO - Chain [1] start processing
00:23:33 - cmdstanpy - INFO - Chain [1] done processing
00:23:34 - cmdstanpy - INFO - Chain [1] start processing
00:23:34 - cmdstanpy - INFO - Chain [1] done processing
00:23:34 - cmdstanpy - INFO - Chain [1] start processing
00:23:34 - cmdstanpy - INFO - Chain [1] done processing
00:23:34 - cmdstanpy - INFO - Chain [1] start processing
00:23:34 - cmdstanpy - INFO - Chain [1] done processing
00:23:35 - cmdstanpy - INFO - Chain [1] start processing
00:23:35 - cmdstanpy - INFO - Chain [1] done processing
00:23:35 - cmdstanpy - INFO - Chain [1] start processing
00:23:35 - cmdstanpy - INFO - Chain [1] done processing
00:23:35 - cmdstanpy - INFO - Chain [1] start processing
00:23:35 - cmdstanpy - INFO - Chain [1] done processing
00:23:36 - cmdstanpy - INFO - Chain [1] start processing
00:23:36 - cmdstanpy - INFO - Chain [1] done processing
00:23:36 - cmdstanpy - INFO - Chain [1] start processing
00:23:36 - cmdstanpy - INFO - Chain [1] done processing
00:23:36 - cmdstanpy - INFO - Chain [1] start processing
00:23:36 - cmdstanpy - INFO - Chain [1] done processing
00:23:37 - cmdstanpy - INFO - Chain [1] start processing
00:23:37 - cmdstanpy - INFO - Chain [1] done processing
00:23:37 - cmdstanpy - INFO - Chain [1] start processing
00:23:37 - cmdstanpy - INFO - Chain [1] done processing
00:23:37 - cmdstanpy - INFO - Chain [1] start processing
00:23:37 - cmdstanpy - INFO - Chain [1] done processing
00:23:38 - cmdstanpy - INFO - Chain [1] start processing
00:23:38 - cmdstanpy - INFO - Chain [1] done processing
00:23:38 - cmdstanpy - INFO - Chain [1] start processing
00:23:38 - cmdstanpy - INFO - Chain [1] done processing
00:23:38 - cmdstanpy - INFO - Chain [1] start processing
00:23:38 - cmdstanpy - INFO - Chain [1] done processing
```

00:23:39 - cmdstanpy - INFO - Chain [1] start processing 00:23:39 - cmdstanpy - INFO - Chain [1] done processing 00:23:39 - cmdstanpy - INFO - Chain [1] start processing 00:23:39 - cmdstanpy - INFO - Chain [1] done processing 00:23:39 - cmdstanpy - INFO - Chain [1] start processing

```
00:23:39 - cmdstanpy - INFO - Chain [1] done processing
00:23:40 - cmdstanpy - INFO - Chain [1] start processing
00:23:40 - cmdstanpy - INFO - Chain [1] done processing
00:23:40 - cmdstanpy - INFO - Chain [1] start processing
00:23:40 - cmdstanpy - INFO - Chain [1] done processing
00:23:40 - cmdstanpy - INFO - Chain [1] start processing
00:23:40 - cmdstanpy - INFO - Chain [1] done processing
00:23:41 - cmdstanpy - INFO - Chain [1] start processing
00:23:41 - cmdstanpy - INFO - Chain [1] done processing
00:23:41 - cmdstanpy - INFO - Chain [1] start processing
00:23:41 - cmdstanpy - INFO - Chain [1] done processing
00:23:41 - cmdstanpy - INFO - Chain [1] start processing
00:23:41 - cmdstanpy - INFO - Chain [1] done processing
00:23:42 - cmdstanpy - INFO - Chain [1] start processing
00:23:42 - cmdstanpy - INFO - Chain [1] done processing
00:23:42 - cmdstanpy - INFO - Chain [1] start processing
00:23:42 - cmdstanpy - INFO - Chain [1] done processing
00:23:42 - cmdstanpy - INFO - Chain [1] start processing
00:23:42 - cmdstanpy - INFO - Chain [1] done processing
00:23:43 - cmdstanpy - INFO - Chain [1] start processing
00:23:43 - cmdstanpy - INFO - Chain [1] done processing
00:23:43 - cmdstanpy - INFO - Chain [1] start processing
00:23:43 - cmdstanpy - INFO - Chain [1] done processing
00:23:44 - cmdstanpy - INFO - Chain [1] start processing
00:23:44 - cmdstanpy - INFO - Chain [1] done processing
00:23:44 - cmdstanpy - INFO - Chain [1] start processing
00:23:44 - cmdstanpy - INFO - Chain [1] done processing
00:23:44 - cmdstanpy - INFO - Chain [1] start processing
00:23:44 - cmdstanpy - INFO - Chain [1] done processing
00:23:45 - cmdstanpy - INFO - Chain [1] start processing
00:23:45 - cmdstanpy - INFO - Chain [1] done processing
00:23:45 - cmdstanpy - INFO - Chain [1] start processing
00:23:45 - cmdstanpy - INFO - Chain [1] done processing
00:23:45 - cmdstanpy - INFO - Chain [1] start processing
00:23:45 - cmdstanpy - INFO - Chain [1] done processing
00:23:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:45 - cmdstanpy - INFO - Chain [1] start processing
00:23:46 - cmdstanpy - INFO - Chain [1] done processing
00:23:46 - cmdstanpy - INFO - Chain [1] start processing
00:23:46 - cmdstanpy - INFO - Chain [1] done processing
00:23:46 - cmdstanpy - INFO - Chain [1] start processing
00:23:46 - cmdstanpy - INFO - Chain [1] done processing
00:23:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:46 - cmdstanpy - INFO - Chain [1] start processing
00:23:47 - cmdstanpy - INFO - Chain [1] done processing
00:23:47 - cmdstanpy - INFO - Chain [1] start processing
00:23:47 - cmdstanpy - INFO - Chain [1] done processing
00:23:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:47 - cmdstanpy - INFO - Chain [1] start processing
00:23:47 - cmdstanpy - INFO - Chain [1] done processing
00:23:47 - cmdstanpy - INFO - Chain [1] start processing
00:23:48 - cmdstanpy - INFO - Chain [1] done processing
00:23:48 - cmdstanpy - INFO - Chain [1] start processing
00:23:48 - cmdstanpy - INFO - Chain [1] done processing
00:23:48 - cmdstanpy - INFO - Chain [1] start processing
00:23:48 - cmdstanpy - INFO - Chain [1] done processing
00:23:49 - cmdstanpy - INFO - Chain [1] start processing
00:23:49 - cmdstanpy - INFO - Chain [1] done processing
00:23:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:49 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:23:49 - cmdstanpy - INFO - Chain [1] done processing
00:23:49 - cmdstanpy - INFO - Chain [1] start processing
00:23:49 - cmdstanpy - INFO - Chain [1] done processing
00:23:50 - cmdstanpy - INFO - Chain [1] start processing
00:23:50 - cmdstanpy - INFO - Chain [1] done processing
00:23:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:50 - cmdstanpy - INFO - Chain [1] start processing
00:23:50 - cmdstanpy - INFO - Chain [1] done processing
00:23:50 - cmdstanpy - INFO - Chain [1] start processing
00:23:50 - cmdstanpy - INFO - Chain [1] done processing
00:23:51 - cmdstanpy - INFO - Chain [1] start processing
00:23:51 - cmdstanpy - INFO - Chain [1] done processing
00:23:51 - cmdstanpy - INFO - Chain [1] start processing
00:23:51 - cmdstanpy - INFO - Chain [1] done processing
00:23:51 - cmdstanpy - INFO - Chain [1] start processing
00:23:51 - cmdstanpy - INFO - Chain [1] done processing
00:23:52 - cmdstanpy - INFO - Chain [1] start processing
00:23:52 - cmdstanpy - INFO - Chain [1] done processing
00:23:52 - cmdstanpy - INFO - Chain [1] start processing
00:23:52 - cmdstanpy - INFO - Chain [1] done processing
00:23:52 - cmdstanpy - INFO - Chain [1] start processing
00:23:52 - cmdstanpy - INFO - Chain [1] done processing
00:23:53 - cmdstanpy - INFO - Chain [1] start processing
00:23:53 - cmdstanpy - INFO - Chain [1] done processing
00:23:53 - cmdstanpy - INFO - Chain [1] start processing
00:23:53 - cmdstanpy - INFO - Chain [1] done processing
00:23:53 - cmdstanpy - INFO - Chain [1] start processing
00:23:53 - cmdstanpy - INFO - Chain [1] done processing
00:23:54 - cmdstanpy - INFO - Chain [1] start processing
00:23:54 - cmdstanpy - INFO - Chain [1] done processing
00:23:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:54 - cmdstanpy - INFO - Chain [1] start processing
00:23:54 - cmdstanpy - INFO - Chain [1] done processing
00:23:54 - cmdstanpy - INFO - Chain [1] start processing
00:23:54 - cmdstanpy - INFO - Chain [1] done processing
00:23:55 - cmdstanpy - INFO - Chain [1] start processing
00:23:55 - cmdstanpy - INFO - Chain [1] done processing
00:23:55 - cmdstanpy - INFO - Chain [1] start processing
00:23:55 - cmdstanpy - INFO - Chain [1] done processing
00:23:55 - cmdstanpy - INFO - Chain [1] start processing
00:23:55 - cmdstanpy - INFO - Chain [1] done processing
00:23:56 - cmdstanpy - INFO - Chain [1] start processing
00:23:56 - cmdstanpy - INFO - Chain [1] done processing
00:23:56 - cmdstanpy - INFO - Chain [1] start processing
00:23:56 - cmdstanpy - INFO - Chain [1] done processing
00:23:56 - cmdstanpy - INFO - Chain [1] start processing
00:23:56 - cmdstanpy - INFO - Chain [1] done processing
00:23:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:56 - cmdstanpy - INFO - Chain [1] start processing
00:23:57 - cmdstanpy - INFO - Chain [1] done processing
00:23:57 - cmdstanpy - INFO - Chain [1] start processing
00:23:57 - cmdstanpy - INFO - Chain [1] done processing
00:23:57 - cmdstanpy - INFO - Chain [1] start processing
00:23:57 - cmdstanpy - INFO - Chain [1] done processing
00:23:58 - cmdstanpy - INFO - Chain [1] start processing
00:23:58 - cmdstanpy - INFO - Chain [1] done processing
00:23:58 - cmdstanpy - INFO - Chain [1] start processing
00:23:58 - cmdstanpy - INFO - Chain [1] done processing
00:23:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:23:58 - cmdstanpy - INFO - Chain [1] done processing
00:23:59 - cmdstanpy - INFO - Chain [1] start processing
00:23:59 - cmdstanpy - INFO - Chain [1] done processing
00:23:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:59 - cmdstanpy - INFO - Chain [1] start processing
00:23:59 - cmdstanpy - INFO - Chain [1] done processing
00:23:59 - cmdstanpy - INFO - Chain [1] start processing
00:23:59 - cmdstanpy - INFO - Chain [1] done processing
00:23:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:23:59 - cmdstanpy - INFO - Chain [1] start processing
00:23:59 - cmdstanpy - INFO - Chain [1] done processing
00:24:00 - cmdstanpy - INFO - Chain [1] start processing
00:24:00 - cmdstanpy - INFO - Chain [1] done processing
00:24:00 - cmdstanpy - INFO - Chain [1] start processing
00:24:00 - cmdstanpy - INFO - Chain [1] done processing
00:24:00 - cmdstanpy - INFO - Chain [1] start processing
00:24:00 - cmdstanpy - INFO - Chain [1] done processing
00:24:01 - cmdstanpy - INFO - Chain [1] start processing
00:24:01 - cmdstanpy - INFO - Chain [1] done processing
00:24:01 - cmdstanpy - INFO - Chain [1] start processing
00:24:01 - cmdstanpy - INFO - Chain [1] done processing
00:24:01 - cmdstanpy - INFO - Chain [1] start processing
00:24:02 - cmdstanpy - INFO - Chain [1] done processing
00:24:02 - cmdstanpy - INFO - Chain [1] start processing
00:24:02 - cmdstanpy - INFO - Chain [1] done processing
00:24:02 - cmdstanpy - INFO - Chain [1] start processing
00:24:02 - cmdstanpy - INFO - Chain [1] done processing
00:24:03 - cmdstanpy - INFO - Chain [1] start processing
00:24:03 - cmdstanpy - INFO - Chain [1] done processing
00:24:03 - cmdstanpy - INFO - Chain [1] start processing
00:24:03 - cmdstanpy - INFO - Chain [1] done processing
00:24:03 - cmdstanpy - INFO - Chain [1] start processing
00:24:04 - cmdstanpy - INFO - Chain [1] done processing
00:24:04 - cmdstanpy - INFO - Chain [1] start processing
00:24:04 - cmdstanpy - INFO - Chain [1] done processing
00:24:04 - cmdstanpy - INFO - Chain [1] start processing
00:24:04 - cmdstanpy - INFO - Chain [1] done processing
00:24:05 - cmdstanpy - INFO - Chain [1] start processing
00:24:05 - cmdstanpy - INFO - Chain [1] done processing
00:24:05 - cmdstanpy - INFO - Chain [1] start processing
00:24:05 - cmdstanpy - INFO - Chain [1] done processing
00:24:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:05 - cmdstanpy - INFO - Chain [1] start processing
00:24:06 - cmdstanpy - INFO - Chain [1] done processing
00:24:06 - cmdstanpy - INFO - Chain [1] start processing
00:24:06 - cmdstanpy - INFO - Chain [1] done processing
00:24:06 - cmdstanpy - INFO - Chain [1] start processing
00:24:06 - cmdstanpy - INFO - Chain [1] done processing
00:24:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:06 - cmdstanpy - INFO - Chain [1] start processing
00:24:07 - cmdstanpy - INFO - Chain [1] done processing
00:24:07 - cmdstanpy - INFO - Chain [1] start processing
00:24:07 - cmdstanpy - INFO - Chain [1] done processing
00:24:07 - cmdstanpy - INFO - Chain [1] start processing
00:24:07 - cmdstanpy - INFO - Chain [1] done processing
00:24:08 - cmdstanpy - INFO - Chain [1] start processing
00:24:08 - cmdstanpy - INFO - Chain [1] done processing
00:24:08 - cmdstanpy - INFO - Chain [1] start processing
00:24:08 - cmdstanpy - INFO - Chain [1] done processing
00:24:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:24:08 - cmdstanpy - INFO - Chain [1] start processing
00:24:09 - cmdstanpy - INFO - Chain [1] done processing
00:24:09 - cmdstanpy - INFO - Chain [1] start processing
00:24:09 - cmdstanpy - INFO - Chain [1] done processing
00:24:09 - cmdstanpy - INFO - Chain [1] start processing
00:24:09 - cmdstanpy - INFO - Chain [1] done processing
00:24:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:09 - cmdstanpy - INFO - Chain [1] start processing
00:24:10 - cmdstanpy - INFO - Chain [1] done processing
00:24:10 - cmdstanpy - INFO - Chain [1] start processing
00:24:10 - cmdstanpy - INFO - Chain [1] done processing
00:24:10 - cmdstanpy - INFO - Chain [1] start processing
00:24:10 - cmdstanpy - INFO - Chain [1] done processing
00:24:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:10 - cmdstanpy - INFO - Chain [1] start processing
00:24:11 - cmdstanpy - INFO - Chain [1] done processing
00:24:11 - cmdstanpy - INFO - Chain [1] start processing
00:24:11 - cmdstanpy - INFO - Chain [1] done processing
00:24:11 - cmdstanpy - INFO - Chain [1] start processing
00:24:11 - cmdstanpy - INFO - Chain [1] done processing
00:24:11 - cmdstanpy - INFO - Chain [1] start processing
00:24:12 - cmdstanpy - INFO - Chain [1] done processing
00:24:12 - cmdstanpy - INFO - Chain [1] start processing
00:24:12 - cmdstanpy - INFO - Chain [1] done processing
00:24:12 - cmdstanpy - INFO - Chain [1] start processing
00:24:12 - cmdstanpy - INFO - Chain [1] done processing
00:24:12 - cmdstanpy - INFO - Chain [1] start processing
00:24:13 - cmdstanpy - INFO - Chain [1] done processing
00:24:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:13 - cmdstanpy - INFO - Chain [1] start processing
00:24:13 - cmdstanpy - INFO - Chain [1] done processing
00:24:13 - cmdstanpy - INFO - Chain [1] start processing
00:24:13 - cmdstanpy - INFO - Chain [1] done processing
00:24:14 - cmdstanpy - INFO - Chain [1] start processing
00:24:14 - cmdstanpy - INFO - Chain [1] done processing
00:24:14 - cmdstanpy - INFO - Chain [1] start processing
00:24:14 - cmdstanpy - INFO - Chain [1] done processing
00:24:14 - cmdstanpy - INFO - Chain [1] start processing
00:24:14 - cmdstanpy - INFO - Chain [1] done processing
00:24:15 - cmdstanpy - INFO - Chain [1] start processing
00:24:15 - cmdstanpy - INFO - Chain [1] done processing
00:24:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:15 - cmdstanpy - INFO - Chain [1] start processing
00:24:15 - cmdstanpy - INFO - Chain [1] done processing
00:24:15 - cmdstanpy - INFO - Chain [1] start processing
00:24:15 - cmdstanpy - INFO - Chain [1] done processing
00:24:16 - cmdstanpy - INFO - Chain [1] start processing
00:24:16 - cmdstanpy - INFO - Chain [1] done processing
00:24:16 - cmdstanpy - INFO - Chain [1] start processing
00:24:16 - cmdstanpy - INFO - Chain [1] done processing
00:24:16 - cmdstanpy - INFO - Chain [1] start processing
00:24:17 - cmdstanpy - INFO - Chain [1] done processing
00:24:17 - cmdstanpy - INFO - Chain [1] start processing
00:24:17 - cmdstanpy - INFO - Chain [1] done processing
00:24:17 - cmdstanpy - INFO - Chain [1] start processing
00:24:17 - cmdstanpy - INFO - Chain [1] done processing
00:24:18 - cmdstanpy - INFO - Chain [1] start processing
00:24:18 - cmdstanpy - INFO - Chain [1] done processing
00:24:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:24:18 - cmdstanpy - INFO - Chain [1] done processing
00:24:18 - cmdstanpy - INFO - Chain [1] start processing
00:24:19 - cmdstanpy - INFO - Chain [1] done processing
00:24:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:19 - cmdstanpy - INFO - Chain [1] start processing
00:24:19 - cmdstanpy - INFO - Chain [1] done processing
00:24:19 - cmdstanpy - INFO - Chain [1] start processing
00:24:19 - cmdstanpy - INFO - Chain [1] done processing
00:24:19 - cmdstanpy - INFO - Chain [1] start processing
00:24:19 - cmdstanpy - INFO - Chain [1] done processing
00:24:20 - cmdstanpy - INFO - Chain [1] start processing
00:24:20 - cmdstanpy - INFO - Chain [1] done processing
00:24:20 - cmdstanpy - INFO - Chain [1] start processing
00:24:20 - cmdstanpy - INFO - Chain [1] done processing
00:24:20 - cmdstanpy - INFO - Chain [1] start processing
00:24:20 - cmdstanpy - INFO - Chain [1] done processing
00:24:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:21 - cmdstanpy - INFO - Chain [1] start processing
00:24:21 - cmdstanpy - INFO - Chain [1] done processing
00:24:21 - cmdstanpy - INFO - Chain [1] start processing
00:24:21 - cmdstanpy - INFO - Chain [1] done processing
00:24:22 - cmdstanpy - INFO - Chain [1] start processing
00:24:22 - cmdstanpy - INFO - Chain [1] done processing
00:24:22 - cmdstanpy - INFO - Chain [1] start processing
00:24:22 - cmdstanpy - INFO - Chain [1] done processing
00:24:22 - cmdstanpy - INFO - Chain [1] start processing
00:24:22 - cmdstanpy - INFO - Chain [1] done processing
00:24:23 - cmdstanpy - INFO - Chain [1] start processing
00:24:23 - cmdstanpy - INFO - Chain [1] done processing
00:24:23 - cmdstanpy - INFO - Chain [1] start processing
00:24:23 - cmdstanpy - INFO - Chain [1] done processing
00:24:23 - cmdstanpy - INFO - Chain [1] start processing
00:24:23 - cmdstanpy - INFO - Chain [1] done processing
00:24:24 - cmdstanpy - INFO - Chain [1] start processing
00:24:24 - cmdstanpy - INFO - Chain [1] done processing
00:24:24 - cmdstanpy - INFO - Chain [1] start processing
00:24:24 - cmdstanpy - INFO - Chain [1] done processing
00:24:24 - cmdstanpy - INFO - Chain [1] start processing
00:24:24 - cmdstanpy - INFO - Chain [1] done processing
00:24:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:24 - cmdstanpy - INFO - Chain [1] start processing
00:24:25 - cmdstanpy - INFO - Chain [1] done processing
00:24:25 - cmdstanpy - INFO - Chain [1] start processing
00:24:25 - cmdstanpy - INFO - Chain [1] done processing
00:24:25 - cmdstanpy - INFO - Chain [1] start processing
00:24:25 - cmdstanpy - INFO - Chain [1] done processing
00:24:26 - cmdstanpy - INFO - Chain [1] start processing
00:24:26 - cmdstanpy - INFO - Chain [1] done processing
00:24:26 - cmdstanpy - INFO - Chain [1] start processing
00:24:26 - cmdstanpy - INFO - Chain [1] done processing
00:24:26 - cmdstanpy - INFO - Chain [1] start processing
00:24:26 - cmdstanpy - INFO - Chain [1] done processing
00:24:27 - cmdstanpy - INFO - Chain [1] start processing
00:24:27 - cmdstanpy - INFO - Chain [1] done processing
00:24:27 - cmdstanpy - INFO - Chain [1] start processing
00:24:27 - cmdstanpy - INFO - Chain [1] done processing
00:24:27 - cmdstanpy - INFO - Chain [1] start processing
00:24:27 - cmdstanpy - INFO - Chain [1] done processing
00:24:28 - cmdstanpy - INFO - Chain [1] start processing
00:24:28 - cmdstanpy - INFO - Chain [1] done processing
00:24:28 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:24:28 - cmdstanpy - INFO - Chain [1] done processing
00:24:28 - cmdstanpy - INFO - Chain [1] start processing
00:24:29 - cmdstanpy - INFO - Chain [1] done processing
00:24:29 - cmdstanpy - INFO - Chain [1] start processing
00:24:29 - cmdstanpy - INFO - Chain [1] done processing
00:24:29 - cmdstanpy - INFO - Chain [1] start processing
00:24:29 - cmdstanpy - INFO - Chain [1] done processing
00:24:30 - cmdstanpy - INFO - Chain [1] start processing
00:24:30 - cmdstanpy - INFO - Chain [1] done processing
00:24:30 - cmdstanpy - INFO - Chain [1] start processing
00:24:30 - cmdstanpy - INFO - Chain [1] done processing
00:24:30 - cmdstanpy - INFO - Chain [1] start processing
00:24:30 - cmdstanpy - INFO - Chain [1] done processing
00:24:31 - cmdstanpy - INFO - Chain [1] start processing
00:24:31 - cmdstanpy - INFO - Chain [1] done processing
00:24:31 - cmdstanpy - INFO - Chain [1] start processing
00:24:31 - cmdstanpy - INFO - Chain [1] done processing
00:24:31 - cmdstanpy - INFO - Chain [1] start processing
00:24:31 - cmdstanpy - INFO - Chain [1] done processing
00:24:32 - cmdstanpy - INFO - Chain [1] start processing
00:24:32 - cmdstanpy - INFO - Chain [1] done processing
00:24:32 - cmdstanpy - INFO - Chain [1] start processing
00:24:32 - cmdstanpy - INFO - Chain [1] done processing
00:24:32 - cmdstanpy - INFO - Chain [1] start processing
00:24:32 - cmdstanpy - INFO - Chain [1] done processing
00:24:33 - cmdstanpy - INFO - Chain [1] start processing
00:24:33 - cmdstanpy - INFO - Chain [1] done processing
00:24:33 - cmdstanpy - INFO - Chain [1] start processing
00:24:33 - cmdstanpy - INFO - Chain [1] done processing
00:24:34 - cmdstanpy - INFO - Chain [1] start processing
00:24:34 - cmdstanpy - INFO - Chain [1] done processing
00:24:34 - cmdstanpy - INFO - Chain [1] start processing
00:24:34 - cmdstanpy - INFO - Chain [1] done processing
00:24:35 - cmdstanpy - INFO - Chain [1] start processing
00:24:35 - cmdstanpy - INFO - Chain [1] done processing
00:24:35 - cmdstanpy - INFO - Chain [1] start processing
00:24:35 - cmdstanpy - INFO - Chain [1] done processing
00:24:35 - cmdstanpy - INFO - Chain [1] start processing
00:24:35 - cmdstanpy - INFO - Chain [1] done processing
00:24:36 - cmdstanpy - INFO - Chain [1] start processing
00:24:36 - cmdstanpy - INFO - Chain [1] done processing
00:24:36 - cmdstanpy - INFO - Chain [1] start processing
00:24:36 - cmdstanpy - INFO - Chain [1] done processing
00:24:36 - cmdstanpy - INFO - Chain [1] start processing
00:24:36 - cmdstanpy - INFO - Chain [1] done processing
00:24:37 - cmdstanpy - INFO - Chain [1] start processing
00:24:37 - cmdstanpy - INFO - Chain [1] done processing
00:24:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:37 - cmdstanpy - INFO - Chain [1] start processing
00:24:37 - cmdstanpy - INFO - Chain [1] done processing
00:24:37 - cmdstanpy - INFO - Chain [1] start processing
00:24:37 - cmdstanpy - INFO - Chain [1] done processing
00:24:38 - cmdstanpy - INFO - Chain [1] start processing
00:24:38 - cmdstanpy - INFO - Chain [1] done processing
00:24:38 - cmdstanpy - INFO - Chain [1] start processing
00:24:38 - cmdstanpy - INFO - Chain [1] done processing
00:24:39 - cmdstanpy - INFO - Chain [1] start processing
00:24:39 - cmdstanpy - INFO - Chain [1] done processing
00:24:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:39 - cmdstanpy - INFO - Chain [1] start processing
00:24:39 - cmdstanpy - INFO - Chain [1] done processing
00:24:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:24:39 - cmdstanpy - INFO - Chain [1] done processing
00:24:40 - cmdstanpy - INFO - Chain [1] start processing
00:24:40 - cmdstanpy - INFO - Chain [1] done processing
00:24:40 - cmdstanpy - INFO - Chain [1] start processing
00:24:40 - cmdstanpy - INFO - Chain [1] done processing
00:24:40 - cmdstanpy - INFO - Chain [1] start processing
00:24:40 - cmdstanpy - INFO - Chain [1] done processing
00:24:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:40 - cmdstanpy - INFO - Chain [1] start processing
00:24:41 - cmdstanpy - INFO - Chain [1] done processing
00:24:41 - cmdstanpy - INFO - Chain [1] start processing
00:24:41 - cmdstanpy - INFO - Chain [1] done processing
00:24:41 - cmdstanpy - INFO - Chain [1] start processing
00:24:41 - cmdstanpy - INFO - Chain [1] done processing
00:24:42 - cmdstanpy - INFO - Chain [1] start processing
00:24:42 - cmdstanpy - INFO - Chain [1] done processing
00:24:42 - cmdstanpy - INFO - Chain [1] start processing
00:24:42 - cmdstanpy - INFO - Chain [1] done processing
00:24:42 - cmdstanpy - INFO - Chain [1] start processing
00:24:42 - cmdstanpy - INFO - Chain [1] done processing
00:24:43 - cmdstanpy - INFO - Chain [1] start processing
00:24:43 - cmdstanpy - INFO - Chain [1] done processing
00:24:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:43 - cmdstanpy - INFO - Chain [1] start processing
00:24:43 - cmdstanpy - INFO - Chain [1] done processing
00:24:43 - cmdstanpy - INFO - Chain [1] start processing
00:24:43 - cmdstanpy - INFO - Chain [1] done processing
00:24:44 - cmdstanpy - INFO - Chain [1] start processing
00:24:44 - cmdstanpy - INFO - Chain [1] done processing
00:24:44 - cmdstanpy - INFO - Chain [1] start processing
00:24:44 - cmdstanpy - INFO - Chain [1] done processing
00:24:45 - cmdstanpy - INFO - Chain [1] start processing
00:24:45 - cmdstanpy - INFO - Chain [1] done processing
00:24:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:45 - cmdstanpy - INFO - Chain [1] start processing
00:24:45 - cmdstanpy - INFO - Chain [1] done processing
00:24:46 - cmdstanpy - INFO - Chain [1] start processing
00:24:46 - cmdstanpy - INFO - Chain [1] done processing
00:24:46 - cmdstanpy - INFO - Chain [1] start processing
00:24:46 - cmdstanpy - INFO - Chain [1] done processing
00:24:46 - cmdstanpy - INFO - Chain [1] start processing
00:24:46 - cmdstanpy - INFO - Chain [1] done processing
00:24:47 - cmdstanpy - INFO - Chain [1] start processing
00:24:47 - cmdstanpy - INFO - Chain [1] done processing
00:24:47 - cmdstanpy - INFO - Chain [1] start processing
00:24:47 - cmdstanpy - INFO - Chain [1] done processing
00:24:47 - cmdstanpy - INFO - Chain [1] start processing
00:24:47 - cmdstanpy - INFO - Chain [1] done processing
00:24:48 - cmdstanpy - INFO - Chain [1] start processing
00:24:48 - cmdstanpy - INFO - Chain [1] done processing
00:24:48 - cmdstanpy - INFO - Chain [1] start processing
00:24:48 - cmdstanpy - INFO - Chain [1] done processing
00:24:48 - cmdstanpy - INFO - Chain [1] start processing
00:24:49 - cmdstanpy - INFO - Chain [1] done processing
00:24:49 - cmdstanpy - INFO - Chain [1] start processing
00:24:49 - cmdstanpy - INFO - Chain [1] done processing
00:24:49 - cmdstanpy - INFO - Chain [1] start processing
00:24:49 - cmdstanpy - INFO - Chain [1] done processing
00:24:49 - cmdstanpy - INFO - Chain [1] start processing
00:24:50 - cmdstanpy - INFO - Chain [1] done processing
00:24:50 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:24:50 - cmdstanpy - INFO - Chain [1] done processing
00:24:50 - cmdstanpy - INFO - Chain [1] start processing
00:24:50 - cmdstanpy - INFO - Chain [1] done processing
00:24:50 - cmdstanpy - INFO - Chain [1] start processing
00:24:51 - cmdstanpy - INFO - Chain [1] done processing
00:24:51 - cmdstanpy - INFO - Chain [1] start processing
00:24:51 - cmdstanpy - INFO - Chain [1] done processing
00:24:51 - cmdstanpy - INFO - Chain [1] start processing
00:24:51 - cmdstanpy - INFO - Chain [1] done processing
00:24:51 - cmdstanpy - INFO - Chain [1] start processing
00:24:52 - cmdstanpy - INFO - Chain [1] done processing
00:24:52 - cmdstanpy - INFO - Chain [1] start processing
00:24:52 - cmdstanpy - INFO - Chain [1] done processing
00:24:53 - cmdstanpy - INFO - Chain [1] start processing
00:24:53 - cmdstanpy - INFO - Chain [1] done processing
00:24:53 - cmdstanpy - INFO - Chain [1] start processing
00:24:53 - cmdstanpy - INFO - Chain [1] done processing
00:24:53 - cmdstanpy - INFO - Chain [1] start processing
00:24:53 - cmdstanpy - INFO - Chain [1] done processing
00:24:54 - cmdstanpy - INFO - Chain [1] start processing
00:24:54 - cmdstanpy - INFO - Chain [1] done processing
00:24:54 - cmdstanpy - INFO - Chain [1] start processing
00:24:54 - cmdstanpy - INFO - Chain [1] done processing
00:24:55 - cmdstanpy - INFO - Chain [1] start processing
00:24:55 - cmdstanpy - INFO - Chain [1] done processing
00:24:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:55 - cmdstanpy - INFO - Chain [1] start processing
00:24:55 - cmdstanpy - INFO - Chain [1] done processing
00:24:55 - cmdstanpy - INFO - Chain [1] start processing
00:24:56 - cmdstanpy - INFO - Chain [1] done processing
00:24:56 - cmdstanpy - INFO - Chain [1] start processing
00:24:56 - cmdstanpy - INFO - Chain [1] done processing
00:24:56 - cmdstanpy - INFO - Chain [1] start processing
00:24:56 - cmdstanpy - INFO - Chain [1] done processing
00:24:57 - cmdstanpy - INFO - Chain [1] start processing
00:24:57 - cmdstanpy - INFO - Chain [1] done processing
00:24:57 - cmdstanpy - INFO - Chain [1] start processing
00:24:57 - cmdstanpy - INFO - Chain [1] done processing
00:24:57 - cmdstanpy - INFO - Chain [1] start processing
00:24:57 - cmdstanpy - INFO - Chain [1] done processing
00:24:58 - cmdstanpy - INFO - Chain [1] start processing
00:24:58 - cmdstanpy - INFO - Chain [1] done processing
00:24:58 - cmdstanpy - INFO - Chain [1] start processing
00:24:58 - cmdstanpy - INFO - Chain [1] done processing
00:24:59 - cmdstanpy - INFO - Chain [1] start processing
00:24:59 - cmdstanpy - INFO - Chain [1] done processing
00:24:59 - cmdstanpy - INFO - Chain [1] start processing
00:24:59 - cmdstanpy - INFO - Chain [1] done processing
00:24:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:24:59 - cmdstanpy - INFO - Chain [1] start processing
00:25:00 - cmdstanpy - INFO - Chain [1] done processing
00:25:00 - cmdstanpy - INFO - Chain [1] start processing
00:25:00 - cmdstanpy - INFO - Chain [1] done processing
00:25:00 - cmdstanpy - INFO - Chain [1] start processing
00:25:00 - cmdstanpy - INFO - Chain [1] done processing
00:25:01 - cmdstanpy - INFO - Chain [1] start processing
00:25:01 - cmdstanpy - INFO - Chain [1] done processing
00:25:01 - cmdstanpy - INFO - Chain [1] start processing
00:25:01 - cmdstanpy - INFO - Chain [1] done processing
00:25:01 - cmdstanpy - INFO - Chain [1] start processing
00:25:01 - cmdstanpy - INFO - Chain [1] done processing
00:25:02 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:25:02 - cmdstanpy - INFO - Chain [1] done processing
00:25:02 - cmdstanpy - INFO - Chain [1] start processing
00:25:02 - cmdstanpy - INFO - Chain [1] done processing
00:25:03 - cmdstanpy - INFO - Chain [1] start processing
00:25:03 - cmdstanpy - INFO - Chain [1] done processing
00:25:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:03 - cmdstanpy - INFO - Chain [1] start processing
00:25:03 - cmdstanpy - INFO - Chain [1] done processing
00:25:03 - cmdstanpy - INFO - Chain [1] start processing
00:25:03 - cmdstanpy - INFO - Chain [1] done processing
00:25:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:03 - cmdstanpy - INFO - Chain [1] start processing
00:25:04 - cmdstanpy - INFO - Chain [1] done processing
00:25:04 - cmdstanpy - INFO - Chain [1] start processing
00:25:04 - cmdstanpy - INFO - Chain [1] done processing
00:25:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:04 - cmdstanpy - INFO - Chain [1] start processing
00:25:05 - cmdstanpy - INFO - Chain [1] done processing
00:25:05 - cmdstanpy - INFO - Chain [1] start processing
00:25:05 - cmdstanpy - INFO - Chain [1] done processing
00:25:05 - cmdstanpy - INFO - Chain [1] start processing
00:25:06 - cmdstanpy - INFO - Chain [1] done processing
00:25:06 - cmdstanpy - INFO - Chain [1] start processing
00:25:06 - cmdstanpy - INFO - Chain [1] done processing
00:25:06 - cmdstanpy - INFO - Chain [1] start processing
00:25:06 - cmdstanpy - INFO - Chain [1] done processing
00:25:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:06 - cmdstanpy - INFO - Chain [1] start processing
00:25:07 - cmdstanpy - INFO - Chain [1] done processing
00:25:07 - cmdstanpy - INFO - Chain [1] start processing
00:25:07 - cmdstanpy - INFO - Chain [1] done processing
00:25:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:07 - cmdstanpy - INFO - Chain [1] start processing
00:25:07 - cmdstanpy - INFO - Chain [1] done processing
00:25:07 - cmdstanpy - INFO - Chain [1] start processing
00:25:07 - cmdstanpy - INFO - Chain [1] done processing
00:25:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:07 - cmdstanpy - INFO - Chain [1] start processing
00:25:08 - cmdstanpy - INFO - Chain [1] done processing
00:25:08 - cmdstanpy - INFO - Chain [1] start processing
00:25:08 - cmdstanpy - INFO - Chain [1] done processing
00:25:08 - cmdstanpy - INFO - Chain [1] start processing
00:25:08 - cmdstanpy - INFO - Chain [1] done processing
00:25:09 - cmdstanpy - INFO - Chain [1] start processing
00:25:09 - cmdstanpy - INFO - Chain [1] done processing
00:25:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:09 - cmdstanpy - INFO - Chain [1] start processing
00:25:09 - cmdstanpy - INFO - Chain [1] done processing
00:25:09 - cmdstanpy - INFO - Chain [1] start processing
00:25:09 - cmdstanpy - INFO - Chain [1] done processing
00:25:10 - cmdstanpy - INFO - Chain [1] start processing
00:25:10 - cmdstanpy - INFO - Chain [1] done processing
00:25:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:10 - cmdstanpy - INFO - Chain [1] start processing
00:25:10 - cmdstanpy - INFO - Chain [1] done processing
00:25:10 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:25:10 - cmdstanpy - INFO - Chain [1] done processing
00:25:10 - cmdstanpy - INFO - Chain [1] start processing
00:25:11 - cmdstanpy - INFO - Chain [1] done processing
00:25:11 - cmdstanpy - INFO - Chain [1] start processing
00:25:11 - cmdstanpy - INFO - Chain [1] done processing
00:25:11 - cmdstanpy - INFO - Chain [1] start processing
00:25:11 - cmdstanpy - INFO - Chain [1] done processing
00:25:12 - cmdstanpy - INFO - Chain [1] start processing
00:25:12 - cmdstanpy - INFO - Chain [1] done processing
00:25:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:12 - cmdstanpy - INFO - Chain [1] start processing
00:25:12 - cmdstanpy - INFO - Chain [1] done processing
00:25:12 - cmdstanpy - INFO - Chain [1] start processing
00:25:12 - cmdstanpy - INFO - Chain [1] done processing
00:25:13 - cmdstanpy - INFO - Chain [1] start processing
00:25:13 - cmdstanpy - INFO - Chain [1] done processing
00:25:13 - cmdstanpy - INFO - Chain [1] start processing
00:25:13 - cmdstanpy - INFO - Chain [1] done processing
00:25:13 - cmdstanpy - INFO - Chain [1] start processing
00:25:14 - cmdstanpy - INFO - Chain [1] done processing
00:25:14 - cmdstanpy - INFO - Chain [1] start processing
00:25:14 - cmdstanpy - INFO - Chain [1] done processing
00:25:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:14 - cmdstanpy - INFO - Chain [1] start processing
00:25:14 - cmdstanpy - INFO - Chain [1] done processing
00:25:15 - cmdstanpy - INFO - Chain [1] start processing
00:25:15 - cmdstanpy - INFO - Chain [1] done processing
00:25:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:15 - cmdstanpy - INFO - Chain [1] start processing
00:25:15 - cmdstanpy - INFO - Chain [1] done processing
00:25:15 - cmdstanpy - INFO - Chain [1] start processing
00:25:15 - cmdstanpy - INFO - Chain [1] done processing
00:25:16 - cmdstanpy - INFO - Chain [1] start processing
00:25:16 - cmdstanpy - INFO - Chain [1] done processing
00:25:16 - cmdstanpy - INFO - Chain [1] start processing
00:25:16 - cmdstanpy - INFO - Chain [1] done processing
00:25:16 - cmdstanpy - INFO - Chain [1] start processing
00:25:16 - cmdstanpy - INFO - Chain [1] done processing
00:25:17 - cmdstanpy - INFO - Chain [1] start processing
00:25:17 - cmdstanpy - INFO - Chain [1] done processing
00:25:17 - cmdstanpy - INFO - Chain [1] start processing
00:25:17 - cmdstanpy - INFO - Chain [1] done processing
00:25:17 - cmdstanpy - INFO - Chain [1] start processing
00:25:17 - cmdstanpy - INFO - Chain [1] done processing
00:25:18 - cmdstanpy - INFO - Chain [1] start processing
00:25:18 - cmdstanpy - INFO - Chain [1] done processing
00:25:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:18 - cmdstanpy - INFO - Chain [1] start processing
00:25:18 - cmdstanpy - INFO - Chain [1] done processing
00:25:18 - cmdstanpy - INFO - Chain [1] start processing
00:25:19 - cmdstanpy - INFO - Chain [1] done processing
00:25:19 - cmdstanpy - INFO - Chain [1] start processing
00:25:19 - cmdstanpy - INFO - Chain [1] done processing
00:25:19 - cmdstanpy - INFO - Chain [1] start processing
00:25:19 - cmdstanpy - INFO - Chain [1] done processing
00:25:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:19 - cmdstanpy - INFO - Chain [1] start processing
00:25:19 - cmdstanpy - INFO - Chain [1] done processing
00:25:20 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:25:20 - cmdstanpy - INFO - Chain [1] done processing
00:25:20 - cmdstanpy - INFO - Chain [1] start processing
00:25:20 - cmdstanpy - INFO - Chain [1] done processing
00:25:20 - cmdstanpy - INFO - Chain [1] start processing
00:25:20 - cmdstanpy - INFO - Chain [1] done processing
00:25:21 - cmdstanpy - INFO - Chain [1] start processing
00:25:21 - cmdstanpy - INFO - Chain [1] done processing
00:25:21 - cmdstanpy - INFO - Chain [1] start processing
00:25:21 - cmdstanpy - INFO - Chain [1] done processing
00:25:21 - cmdstanpy - INFO - Chain [1] start processing
00:25:22 - cmdstanpy - INFO - Chain [1] done processing
00:25:22 - cmdstanpy - INFO - Chain [1] start processing
00:25:22 - cmdstanpy - INFO - Chain [1] done processing
00:25:22 - cmdstanpy - INFO - Chain [1] start processing
00:25:22 - cmdstanpy - INFO - Chain [1] done processing
00:25:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:22 - cmdstanpy - INFO - Chain [1] start processing
00:25:23 - cmdstanpy - INFO - Chain [1] done processing
00:25:23 - cmdstanpy - INFO - Chain [1] start processing
00:25:23 - cmdstanpy - INFO - Chain [1] done processing
00:25:24 - cmdstanpy - INFO - Chain [1] start processing
00:25:24 - cmdstanpy - INFO - Chain [1] done processing
00:25:24 - cmdstanpy - INFO - Chain [1] start processing
00:25:24 - cmdstanpy - INFO - Chain [1] done processing
00:25:24 - cmdstanpy - INFO - Chain [1] start processing
00:25:24 - cmdstanpy - INFO - Chain [1] done processing
00:25:25 - cmdstanpy - INFO - Chain [1] start processing
00:25:25 - cmdstanpy - INFO - Chain [1] done processing
00:25:25 - cmdstanpy - INFO - Chain [1] start processing
00:25:25 - cmdstanpy - INFO - Chain [1] done processing
00:25:25 - cmdstanpy - INFO - Chain [1] start processing
00:25:25 - cmdstanpy - INFO - Chain [1] done processing
00:25:26 - cmdstanpy - INFO - Chain [1] start processing
00:25:26 - cmdstanpy - INFO - Chain [1] done processing
00:25:26 - cmdstanpy - INFO - Chain [1] start processing
00:25:26 - cmdstanpy - INFO - Chain [1] done processing
00:25:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:26 - cmdstanpy - INFO - Chain [1] start processing
00:25:27 - cmdstanpy - INFO - Chain [1] done processing
00:25:27 - cmdstanpy - INFO - Chain [1] start processing
00:25:27 - cmdstanpy - INFO - Chain [1] done processing
00:25:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:27 - cmdstanpy - INFO - Chain [1] start processing
00:25:27 - cmdstanpy - INFO - Chain [1] done processing
00:25:28 - cmdstanpy - INFO - Chain [1] start processing
00:25:28 - cmdstanpy - INFO - Chain [1] done processing
00:25:28 - cmdstanpy - INFO - Chain [1] start processing
00:25:28 - cmdstanpy - INFO - Chain [1] done processing
00:25:28 - cmdstanpy - INFO - Chain [1] start processing
00:25:28 - cmdstanpy - INFO - Chain [1] done processing
00:25:29 - cmdstanpy - INFO - Chain [1] start processing
00:25:29 - cmdstanpy - INFO - Chain [1] done processing
00:25:29 - cmdstanpy - INFO - Chain [1] start processing
00:25:29 - cmdstanpy - INFO - Chain [1] done processing
00:25:29 - cmdstanpy - INFO - Chain [1] start processing
00:25:30 - cmdstanpy - INFO - Chain [1] done processing
00:25:30 - cmdstanpy - INFO - Chain [1] start processing
00:25:30 - cmdstanpy - INFO - Chain [1] done processing
00:25:30 - cmdstanpy - INFO - Chain [1] start processing
00:25:30 - cmdstanpy - INFO - Chain [1] done processing
00:25:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:25:31 - cmdstanpy - INFO - Chain [1] done processing
00:25:31 - cmdstanpy - INFO - Chain [1] start processing
00:25:31 - cmdstanpy - INFO - Chain [1] done processing
00:25:31 - cmdstanpy - INFO - Chain [1] start processing
00:25:31 - cmdstanpy - INFO - Chain [1] done processing
00:25:32 - cmdstanpy - INFO - Chain [1] start processing
00:25:32 - cmdstanpy - INFO - Chain [1] done processing
00:25:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:32 - cmdstanpy - INFO - Chain [1] start processing
00:25:32 - cmdstanpy - INFO - Chain [1] done processing
00:25:32 - cmdstanpy - INFO - Chain [1] start processing
00:25:32 - cmdstanpy - INFO - Chain [1] done processing
00:25:33 - cmdstanpy - INFO - Chain [1] start processing
00:25:33 - cmdstanpy - INFO - Chain [1] done processing
00:25:33 - cmdstanpy - INFO - Chain [1] start processing
00:25:33 - cmdstanpy - INFO - Chain [1] done processing
00:25:33 - cmdstanpy - INFO - Chain [1] start processing
00:25:33 - cmdstanpy - INFO - Chain [1] done processing
00:25:34 - cmdstanpy - INFO - Chain [1] start processing
00:25:34 - cmdstanpy - INFO - Chain [1] done processing
00:25:34 - cmdstanpy - INFO - Chain [1] start processing
00:25:34 - cmdstanpy - INFO - Chain [1] done processing
00:25:35 - cmdstanpy - INFO - Chain [1] start processing
00:25:35 - cmdstanpy - INFO - Chain [1] done processing
00:25:35 - cmdstanpy - INFO - Chain [1] start processing
00:25:35 - cmdstanpy - INFO - Chain [1] done processing
00:25:35 - cmdstanpy - INFO - Chain [1] start processing
00:25:35 - cmdstanpy - INFO - Chain [1] done processing
00:25:36 - cmdstanpy - INFO - Chain [1] start processing
00:25:36 - cmdstanpy - INFO - Chain [1] done processing
00:25:36 - cmdstanpy - INFO - Chain [1] start processing
00:25:36 - cmdstanpy - INFO - Chain [1] done processing
00:25:37 - cmdstanpy - INFO - Chain [1] start processing
00:25:37 - cmdstanpy - INFO - Chain [1] done processing
00:25:37 - cmdstanpy - INFO - Chain [1] start processing
00:25:37 - cmdstanpy - INFO - Chain [1] done processing
00:25:37 - cmdstanpy - INFO - Chain [1] start processing
00:25:37 - cmdstanpy - INFO - Chain [1] done processing
00:25:38 - cmdstanpy - INFO - Chain [1] start processing
00:25:38 - cmdstanpy - INFO - Chain [1] done processing
00:25:38 - cmdstanpy - INFO - Chain [1] start processing
00:25:38 - cmdstanpy - INFO - Chain [1] done processing
00:25:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:25:38 - cmdstanpy - INFO - Chain [1] start processing
00:25:38 - cmdstanpy - INFO - Chain [1] done processing
00:25:39 - cmdstanpy - INFO - Chain [1] start processing
00:25:39 - cmdstanpy - INFO - Chain [1] done processing
00:25:39 - cmdstanpy - INFO - Chain [1] start processing
00:25:39 - cmdstanpy - INFO - Chain [1] done processing
00:25:39 - cmdstanpy - INFO - Chain [1] start processing
00:25:39 - cmdstanpy - INFO - Chain [1] done processing
00:25:40 - cmdstanpy - INFO - Chain [1] start processing
00:25:40 - cmdstanpy - INFO - Chain [1] done processing
00:25:40 - cmdstanpy - INFO - Chain [1] start processing
00:25:40 - cmdstanpy - INFO - Chain [1] done processing
00:25:40 - cmdstanpy - INFO - Chain [1] start processing
00:25:41 - cmdstanpy - INFO - Chain [1] done processing
00:25:41 - cmdstanpy - INFO - Chain [1] start processing
00:25:41 - cmdstanpy - INFO - Chain [1] done processing
00:25:41 - cmdstanpy - INFO - Chain [1] start processing
00:25:41 - cmdstanpy - INFO - Chain [1] done processing
00:25:42 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:25:42 - cmdstanpy - INFO - Chain [1] done processing
00:25:42 - cmdstanpy - INFO - Chain [1] start processing
00:25:42 - cmdstanpy - INFO - Chain [1] done processing
00:25:42 - cmdstanpy - INFO - Chain [1] start processing
00:25:42 - cmdstanpy - INFO - Chain [1] done processing
00:25:43 - cmdstanpy - INFO - Chain [1] start processing
00:25:43 - cmdstanpy - INFO - Chain [1] done processing
00:25:43 - cmdstanpy - INFO - Chain [1] start processing
00:25:43 - cmdstanpy - INFO - Chain [1] done processing
00:25:43 - cmdstanpy - INFO - Chain [1] start processing
00:25:43 - cmdstanpy - INFO - Chain [1] done processing
00:25:44 - cmdstanpy - INFO - Chain [1] start processing
00:25:44 - cmdstanpy - INFO - Chain [1] done processing
00:25:44 - cmdstanpy - INFO - Chain [1] start processing
00:25:44 - cmdstanpy - INFO - Chain [1] done processing
00:25:44 - cmdstanpy - INFO - Chain [1] start processing
00:25:44 - cmdstanpy - INFO - Chain [1] done processing
00:25:44 - cmdstanpy - INFO - Chain [1] start processing
00:25:45 - cmdstanpy - INFO - Chain [1] done processing
00:25:45 - cmdstanpy - INFO - Chain [1] start processing
00:25:45 - cmdstanpy - INFO - Chain [1] done processing
00:25:45 - cmdstanpy - INFO - Chain [1] start processing
00:25:45 - cmdstanpy - INFO - Chain [1] done processing
00:25:45 - cmdstanpy - INFO - Chain [1] start processing
00:25:46 - cmdstanpy - INFO - Chain [1] done processing
00:25:46 - cmdstanpy - INFO - Chain [1] start processing
00:25:46 - cmdstanpy - INFO - Chain [1] done processing
00:25:46 - cmdstanpy - INFO - Chain [1] start processing
00:25:46 - cmdstanpy - INFO - Chain [1] done processing
00:25:46 - cmdstanpy - INFO - Chain [1] start processing
00:25:47 - cmdstanpy - INFO - Chain [1] done processing
00:25:47 - cmdstanpy - INFO - Chain [1] start processing
00:25:47 - cmdstanpy - INFO - Chain [1] done processing
00:25:47 - cmdstanpy - INFO - Chain [1] start processing
00:25:47 - cmdstanpy - INFO - Chain [1] done processing
00:25:47 - cmdstanpy - INFO - Chain [1] start processing
00:25:47 - cmdstanpy - INFO - Chain [1] done processing
00:25:48 - cmdstanpy - INFO - Chain [1] start processing
00:25:48 - cmdstanpy - INFO - Chain [1] done processing
00:25:48 - cmdstanpy - INFO - Chain [1] start processing
00:25:48 - cmdstanpy - INFO - Chain [1] done processing
00:25:48 - cmdstanpy - INFO - Chain [1] start processing
00:25:48 - cmdstanpy - INFO - Chain [1] done processing
00:25:49 - cmdstanpy - INFO - Chain [1] start processing
00:25:49 - cmdstanpy - INFO - Chain [1] done processing
00:25:49 - cmdstanpy - INFO - Chain [1] start processing
00:25:49 - cmdstanpy - INFO - Chain [1] done processing
00:25:49 - cmdstanpy - INFO - Chain [1] start processing
00:25:49 - cmdstanpy - INFO - Chain [1] done processing
00:25:50 - cmdstanpy - INFO - Chain [1] start processing
00:25:50 - cmdstanpy - INFO - Chain [1] done processing
00:25:50 - cmdstanpy - INFO - Chain [1] start processing
00:25:50 - cmdstanpy - INFO - Chain [1] done processing
00:25:51 - cmdstanpy - INFO - Chain [1] start processing
00:25:51 - cmdstanpy - INFO - Chain [1] done processing
00:25:51 - cmdstanpy - INFO - Chain [1] start processing
00:25:51 - cmdstanpy - INFO - Chain [1] done processing
00:25:51 - cmdstanpy - INFO - Chain [1] start processing
00:25:51 - cmdstanpy - INFO - Chain [1] done processing
00:25:52 - cmdstanpy - INFO - Chain [1] start processing
00:25:52 - cmdstanpy - INFO - Chain [1] done processing
00:25:52 - cmdstanpy - INFO - Chain [1] start processing
00:25:52 - cmdstanpy - INFO - Chain [1] done processing
00:25:52 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:25:53 - cmdstanpy - INFO - Chain [1] done processing
00:25:53 - cmdstanpy - INFO - Chain [1] start processing
00:25:53 - cmdstanpy - INFO - Chain [1] done processing
00:25:53 - cmdstanpy - INFO - Chain [1] start processing
00:25:53 - cmdstanpy - INFO - Chain [1] done processing
00:25:54 - cmdstanpy - INFO - Chain [1] start processing
00:25:54 - cmdstanpy - INFO - Chain [1] done processing
00:25:54 - cmdstanpy - INFO - Chain [1] start processing
00:25:54 - cmdstanpy - INFO - Chain [1] done processing
00:25:54 - cmdstanpy - INFO - Chain [1] start processing
00:25:54 - cmdstanpy - INFO - Chain [1] done processing
00:25:55 - cmdstanpy - INFO - Chain [1] start processing
00:25:55 - cmdstanpy - INFO - Chain [1] done processing
00:25:55 - cmdstanpy - INFO - Chain [1] start processing
00:25:55 - cmdstanpy - INFO - Chain [1] done processing
00:25:55 - cmdstanpy - INFO - Chain [1] start processing
00:25:55 - cmdstanpy - INFO - Chain [1] done processing
00:25:56 - cmdstanpy - INFO - Chain [1] start processing
00:25:56 - cmdstanpy - INFO - Chain [1] done processing
00:25:56 - cmdstanpy - INFO - Chain [1] start processing
00:25:56 - cmdstanpy - INFO - Chain [1] done processing
00:25:56 - cmdstanpy - INFO - Chain [1] start processing
00:25:56 - cmdstanpy - INFO - Chain [1] done processing
00:25:57 - cmdstanpy - INFO - Chain [1] start processing
00:25:57 - cmdstanpy - INFO - Chain [1] done processing
00:25:57 - cmdstanpy - INFO - Chain [1] start processing
00:25:57 - cmdstanpy - INFO - Chain [1] done processing
00:25:57 - cmdstanpy - INFO - Chain [1] start processing
00:25:57 - cmdstanpy - INFO - Chain [1] done processing
00:25:58 - cmdstanpy - INFO - Chain [1] start processing
00:25:58 - cmdstanpy - INFO - Chain [1] done processing
00:25:58 - cmdstanpy - INFO - Chain [1] start processing
00:25:58 - cmdstanpy - INFO - Chain [1] done processing
00:25:58 - cmdstanpy - INFO - Chain [1] start processing
00:25:59 - cmdstanpy - INFO - Chain [1] done processing
00:25:59 - cmdstanpy - INFO - Chain [1] start processing
00:25:59 - cmdstanpy - INFO - Chain [1] done processing
00:25:59 - cmdstanpy - INFO - Chain [1] start processing
00:25:59 - cmdstanpy - INFO - Chain [1] done processing
00:26:00 - cmdstanpy - INFO - Chain [1] start processing
00:26:00 - cmdstanpy - INFO - Chain [1] done processing
00:26:00 - cmdstanpy - INFO - Chain [1] start processing
00:26:00 - cmdstanpy - INFO - Chain [1] done processing
00:26:00 - cmdstanpy - INFO - Chain [1] start processing
00:26:00 - cmdstanpy - INFO - Chain [1] done processing
00:26:01 - cmdstanpy - INFO - Chain [1] start processing
00:26:01 - cmdstanpy - INFO - Chain [1] done processing
00:26:01 - cmdstanpy - INFO - Chain [1] start processing
00:26:01 - cmdstanpy - INFO - Chain [1] done processing
00:26:01 - cmdstanpy - INFO - Chain [1] start processing
00:26:01 - cmdstanpy - INFO - Chain [1] done processing
00:26:02 - cmdstanpy - INFO - Chain [1] start processing
00:26:02 - cmdstanpy - INFO - Chain [1] done processing
00:26:02 - cmdstanpy - INFO - Chain [1] start processing
00:26:02 - cmdstanpy - INFO - Chain [1] done processing
00:26:02 - cmdstanpy - INFO - Chain [1] start processing
00:26:02 - cmdstanpy - INFO - Chain [1] done processing
00:26:03 - cmdstanpy - INFO - Chain [1] start processing
00:26:03 - cmdstanpy - INFO - Chain [1] done processing
00:26:03 - cmdstanpy - INFO - Chain [1] start processing
00:26:03 - cmdstanpy - INFO - Chain [1] done processing
00:26:03 - cmdstanpy - INFO - Chain [1] start processing
00:26:03 - cmdstanpy - INFO - Chain [1] done processing
00:26:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:26:04 - cmdstanpy - INFO - Chain [1] done processing
00:26:04 - cmdstanpy - INFO - Chain [1] start processing
00:26:04 - cmdstanpy - INFO - Chain [1] done processing
00:26:05 - cmdstanpy - INFO - Chain [1] start processing
00:26:05 - cmdstanpy - INFO - Chain [1] done processing
00:26:05 - cmdstanpy - INFO - Chain [1] start processing
00:26:05 - cmdstanpy - INFO - Chain [1] done processing
00:26:05 - cmdstanpy - INFO - Chain [1] start processing
00:26:05 - cmdstanpy - INFO - Chain [1] done processing
00:26:06 - cmdstanpy - INFO - Chain [1] start processing
00:26:06 - cmdstanpy - INFO - Chain [1] done processing
00:26:06 - cmdstanpy - INFO - Chain [1] start processing
00:26:06 - cmdstanpy - INFO - Chain [1] done processing
00:26:06 - cmdstanpy - INFO - Chain [1] start processing
00:26:06 - cmdstanpy - INFO - Chain [1] done processing
00:26:07 - cmdstanpy - INFO - Chain [1] start processing
00:26:07 - cmdstanpy - INFO - Chain [1] done processing
00:26:07 - cmdstanpy - INFO - Chain [1] start processing
00:26:07 - cmdstanpy - INFO - Chain [1] done processing
00:26:07 - cmdstanpy - INFO - Chain [1] start processing
00:26:07 - cmdstanpy - INFO - Chain [1] done processing
00:26:08 - cmdstanpy - INFO - Chain [1] start processing
00:26:08 - cmdstanpy - INFO - Chain [1] done processing
00:26:08 - cmdstanpy - INFO - Chain [1] start processing
00:26:08 - cmdstanpy - INFO - Chain [1] done processing
00:26:08 - cmdstanpy - INFO - Chain [1] start processing
00:26:08 - cmdstanpy - INFO - Chain [1] done processing
00:26:09 - cmdstanpy - INFO - Chain [1] start processing
00:26:09 - cmdstanpy - INFO - Chain [1] done processing
00:26:09 - cmdstanpy - INFO - Chain [1] start processing
00:26:09 - cmdstanpy - INFO - Chain [1] done processing
00:26:09 - cmdstanpy - INFO - Chain [1] start processing
00:26:09 - cmdstanpy - INFO - Chain [1] done processing
00:26:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:09 - cmdstanpy - INFO - Chain [1] start processing
00:26:10 - cmdstanpy - INFO - Chain [1] done processing
00:26:10 - cmdstanpy - INFO - Chain [1] start processing
00:26:10 - cmdstanpy - INFO - Chain [1] done processing
00:26:10 - cmdstanpy - INFO - Chain [1] start processing
00:26:10 - cmdstanpy - INFO - Chain [1] done processing
00:26:11 - cmdstanpy - INFO - Chain [1] start processing
00:26:11 - cmdstanpy - INFO - Chain [1] done processing
00:26:11 - cmdstanpy - INFO - Chain [1] start processing
00:26:11 - cmdstanpy - INFO - Chain [1] done processing
00:26:11 - cmdstanpy - INFO - Chain [1] start processing
00:26:11 - cmdstanpy - INFO - Chain [1] done processing
00:26:12 - cmdstanpy - INFO - Chain [1] start processing
00:26:12 - cmdstanpy - INFO - Chain [1] done processing
00:26:12 - cmdstanpy - INFO - Chain [1] start processing
00:26:12 - cmdstanpy - INFO - Chain [1] done processing
00:26:13 - cmdstanpy - INFO - Chain [1] start processing
00:26:13 - cmdstanpy - INFO - Chain [1] done processing
00:26:13 - cmdstanpy - INFO - Chain [1] start processing
00:26:13 - cmdstanpy - INFO - Chain [1] done processing
00:26:13 - cmdstanpy - INFO - Chain [1] start processing
00:26:13 - cmdstanpy - INFO - Chain [1] done processing
00:26:14 - cmdstanpy - INFO - Chain [1] start processing
00:26:14 - cmdstanpy - INFO - Chain [1] done processing
00:26:14 - cmdstanpy - INFO - Chain [1] start processing
00:26:14 - cmdstanpy - INFO - Chain [1] done processing
00:26:14 - cmdstanpy - INFO - Chain [1] start processing
00:26:14 - cmdstanpy - INFO - Chain [1] done processing
00:26:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:26:14 - cmdstanpy - INFO - Chain [1] start processing
00:26:15 - cmdstanpy - INFO - Chain [1] done processing
00:26:15 - cmdstanpy - INFO - Chain [1] start processing
00:26:15 - cmdstanpy - INFO - Chain [1] done processing
00:26:15 - cmdstanpy - INFO - Chain [1] start processing
00:26:15 - cmdstanpy - INFO - Chain [1] done processing
00:26:16 - cmdstanpy - INFO - Chain [1] start processing
00:26:16 - cmdstanpy - INFO - Chain [1] done processing
00:26:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:16 - cmdstanpy - INFO - Chain [1] start processing
00:26:16 - cmdstanpy - INFO - Chain [1] done processing
00:26:16 - cmdstanpy - INFO - Chain [1] start processing
00:26:16 - cmdstanpy - INFO - Chain [1] done processing
00:26:17 - cmdstanpy - INFO - Chain [1] start processing
00:26:17 - cmdstanpy - INFO - Chain [1] done processing
00:26:17 - cmdstanpy - INFO - Chain [1] start processing
00:26:17 - cmdstanpy - INFO - Chain [1] done processing
00:26:17 - cmdstanpy - INFO - Chain [1] start processing
00:26:17 - cmdstanpy - INFO - Chain [1] done processing
00:26:18 - cmdstanpy - INFO - Chain [1] start processing
00:26:18 - cmdstanpy - INFO - Chain [1] done processing
00:26:18 - cmdstanpy - INFO - Chain [1] start processing
00:26:18 - cmdstanpy - INFO - Chain [1] done processing
00:26:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:18 - cmdstanpy - INFO - Chain [1] start processing
00:26:18 - cmdstanpy - INFO - Chain [1] done processing
00:26:19 - cmdstanpy - INFO - Chain [1] start processing
00:26:19 - cmdstanpy - INFO - Chain [1] done processing
00:26:19 - cmdstanpy - INFO - Chain [1] start processing
00:26:19 - cmdstanpy - INFO - Chain [1] done processing
00:26:19 - cmdstanpy - INFO - Chain [1] start processing
00:26:19 - cmdstanpy - INFO - Chain [1] done processing
00:26:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:19 - cmdstanpy - INFO - Chain [1] start processing
00:26:20 - cmdstanpy - INFO - Chain [1] done processing
00:26:20 - cmdstanpy - INFO - Chain [1] start processing
00:26:20 - cmdstanpy - INFO - Chain [1] done processing
00:26:20 - cmdstanpy - INFO - Chain [1] start processing
00:26:20 - cmdstanpy - INFO - Chain [1] done processing
00:26:21 - cmdstanpy - INFO - Chain [1] start processing
00:26:21 - cmdstanpy - INFO - Chain [1] done processing
00:26:21 - cmdstanpy - INFO - Chain [1] start processing
00:26:21 - cmdstanpy - INFO - Chain [1] done processing
00:26:21 - cmdstanpy - INFO - Chain [1] start processing
00:26:21 - cmdstanpy - INFO - Chain [1] done processing
00:26:21 - cmdstanpy - INFO - Chain [1] start processing
00:26:22 - cmdstanpy - INFO - Chain [1] done processing
00:26:22 - cmdstanpy - INFO - Chain [1] start processing
00:26:22 - cmdstanpy - INFO - Chain [1] done processing
00:26:22 - cmdstanpy - INFO - Chain [1] start processing
00:26:22 - cmdstanpy - INFO - Chain [1] done processing
00:26:22 - cmdstanpy - INFO - Chain [1] start processing
00:26:22 - cmdstanpy - INFO - Chain [1] done processing
00:26:23 - cmdstanpy - INFO - Chain [1] start processing
00:26:23 - cmdstanpy - INFO - Chain [1] done processing
00:26:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:23 - cmdstanpy - INFO - Chain [1] start processing
00:26:23 - cmdstanpy - INFO - Chain [1] done processing
00:26:23 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:26:23 - cmdstanpy - INFO - Chain [1] done processing
00:26:24 - cmdstanpy - INFO - Chain [1] start processing
00:26:24 - cmdstanpy - INFO - Chain [1] done processing
00:26:24 - cmdstanpy - INFO - Chain [1] start processing
00:26:24 - cmdstanpy - INFO - Chain [1] done processing
00:26:24 - cmdstanpy - INFO - Chain [1] start processing
00:26:24 - cmdstanpy - INFO - Chain [1] done processing
00:26:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:24 - cmdstanpy - INFO - Chain [1] start processing
00:26:25 - cmdstanpy - INFO - Chain [1] done processing
00:26:25 - cmdstanpy - INFO - Chain [1] start processing
00:26:25 - cmdstanpy - INFO - Chain [1] done processing
00:26:25 - cmdstanpy - INFO - Chain [1] start processing
00:26:25 - cmdstanpy - INFO - Chain [1] done processing
00:26:26 - cmdstanpy - INFO - Chain [1] start processing
00:26:26 - cmdstanpy - INFO - Chain [1] done processing
00:26:26 - cmdstanpy - INFO - Chain [1] start processing
00:26:26 - cmdstanpy - INFO - Chain [1] done processing
00:26:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:26 - cmdstanpy - INFO - Chain [1] start processing
00:26:26 - cmdstanpy - INFO - Chain [1] done processing
00:26:27 - cmdstanpy - INFO - Chain [1] start processing
00:26:27 - cmdstanpy - INFO - Chain [1] done processing
00:26:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:27 - cmdstanpy - INFO - Chain [1] start processing
00:26:27 - cmdstanpy - INFO - Chain [1] done processing
00:26:27 - cmdstanpy - INFO - Chain [1] start processing
00:26:27 - cmdstanpy - INFO - Chain [1] done processing
00:26:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:27 - cmdstanpy - INFO - Chain [1] start processing
00:26:28 - cmdstanpy - INFO - Chain [1] done processing
00:26:28 - cmdstanpy - INFO - Chain [1] start processing
00:26:28 - cmdstanpy - INFO - Chain [1] done processing
00:26:28 - cmdstanpy - INFO - Chain [1] start processing
00:26:28 - cmdstanpy - INFO - Chain [1] done processing
00:26:29 - cmdstanpy - INFO - Chain [1] start processing
00:26:29 - cmdstanpy - INFO - Chain [1] done processing
00:26:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:29 - cmdstanpy - INFO - Chain [1] start processing
00:26:29 - cmdstanpy - INFO - Chain [1] done processing
00:26:29 - cmdstanpy - INFO - Chain [1] start processing
00:26:29 - cmdstanpy - INFO - Chain [1] done processing
00:26:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:29 - cmdstanpy - INFO - Chain [1] start processing
00:26:29 - cmdstanpy - INFO - Chain [1] done processing
00:26:30 - cmdstanpy - INFO - Chain [1] start processing
00:26:30 - cmdstanpy - INFO - Chain [1] done processing
00:26:30 - cmdstanpy - INFO - Chain [1] start processing
00:26:30 - cmdstanpy - INFO - Chain [1] done processing
00:26:30 - cmdstanpy - INFO - Chain [1] start processing
00:26:30 - cmdstanpy - INFO - Chain [1] done processing
00:26:31 - cmdstanpy - INFO - Chain [1] start processing
00:26:31 - cmdstanpy - INFO - Chain [1] done processing
00:26:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:31 - cmdstanpy - INFO - Chain [1] start processing
00:26:31 - cmdstanpy - INFO - Chain [1] done processing
00:26:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:26:31 - cmdstanpy - INFO - Chain [1] done processing
00:26:32 - cmdstanpy - INFO - Chain [1] start processing
00:26:32 - cmdstanpy - INFO - Chain [1] done processing
00:26:32 - cmdstanpy - INFO - Chain [1] start processing
00:26:32 - cmdstanpy - INFO - Chain [1] done processing
00:26:32 - cmdstanpy - INFO - Chain [1] start processing
00:26:32 - cmdstanpy - INFO - Chain [1] done processing
00:26:33 - cmdstanpy - INFO - Chain [1] start processing
00:26:33 - cmdstanpy - INFO - Chain [1] done processing
00:26:33 - cmdstanpy - INFO - Chain [1] start processing
00:26:33 - cmdstanpy - INFO - Chain [1] done processing
00:26:33 - cmdstanpy - INFO - Chain [1] start processing
00:26:33 - cmdstanpy - INFO - Chain [1] done processing
00:26:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:33 - cmdstanpy - INFO - Chain [1] start processing
00:26:34 - cmdstanpy - INFO - Chain [1] done processing
00:26:34 - cmdstanpy - INFO - Chain [1] start processing
00:26:34 - cmdstanpy - INFO - Chain [1] done processing
00:26:34 - cmdstanpy - INFO - Chain [1] start processing
00:26:34 - cmdstanpy - INFO - Chain [1] done processing
00:26:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:34 - cmdstanpy - INFO - Chain [1] start processing
00:26:35 - cmdstanpy - INFO - Chain [1] done processing
00:26:35 - cmdstanpy - INFO - Chain [1] start processing
00:26:35 - cmdstanpy - INFO - Chain [1] done processing
00:26:35 - cmdstanpy - INFO - Chain [1] start processing
00:26:35 - cmdstanpy - INFO - Chain [1] done processing
00:26:36 - cmdstanpy - INFO - Chain [1] start processing
00:26:36 - cmdstanpy - INFO - Chain [1] done processing
00:26:36 - cmdstanpy - INFO - Chain [1] start processing
00:26:36 - cmdstanpy - INFO - Chain [1] done processing
00:26:36 - cmdstanpy - INFO - Chain [1] start processing
00:26:36 - cmdstanpy - INFO - Chain [1] done processing
00:26:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:36 - cmdstanpy - INFO - Chain [1] start processing
00:26:36 - cmdstanpy - INFO - Chain [1] done processing
00:26:37 - cmdstanpy - INFO - Chain [1] start processing
00:26:37 - cmdstanpy - INFO - Chain [1] done processing
00:26:37 - cmdstanpy - INFO - Chain [1] start processing
00:26:37 - cmdstanpy - INFO - Chain [1] done processing
00:26:37 - cmdstanpy - INFO - Chain [1] start processing
00:26:37 - cmdstanpy - INFO - Chain [1] done processing
00:26:38 - cmdstanpy - INFO - Chain [1] start processing
00:26:38 - cmdstanpy - INFO - Chain [1] done processing
00:26:38 - cmdstanpy - INFO - Chain [1] start processing
00:26:38 - cmdstanpy - INFO - Chain [1] done processing
00:26:38 - cmdstanpy - INFO - Chain [1] start processing
00:26:38 - cmdstanpy - INFO - Chain [1] done processing
00:26:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:38 - cmdstanpy - INFO - Chain [1] start processing
00:26:39 - cmdstanpy - INFO - Chain [1] done processing
00:26:39 - cmdstanpy - INFO - Chain [1] start processing
00:26:39 - cmdstanpy - INFO - Chain [1] done processing
00:26:39 - cmdstanpy - INFO - Chain [1] start processing
00:26:39 - cmdstanpy - INFO - Chain [1] done processing
00:26:40 - cmdstanpy - INFO - Chain [1] start processing
00:26:40 - cmdstanpy - INFO - Chain [1] done processing
00:26:40 - cmdstanpy - INFO - Chain [1] start processing
00:26:40 - cmdstanpy - INFO - Chain [1] done processing
00:26:40 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:26:40 - cmdstanpy - INFO - Chain [1] done processing
00:26:41 - cmdstanpy - INFO - Chain [1] start processing
00:26:41 - cmdstanpy - INFO - Chain [1] done processing
00:26:41 - cmdstanpy - INFO - Chain [1] start processing
00:26:41 - cmdstanpy - INFO - Chain [1] done processing
00:26:41 - cmdstanpy - INFO - Chain [1] start processing
00:26:41 - cmdstanpy - INFO - Chain [1] done processing
00:26:42 - cmdstanpy - INFO - Chain [1] start processing
00:26:42 - cmdstanpy - INFO - Chain [1] done processing
00:26:42 - cmdstanpy - INFO - Chain [1] start processing
00:26:42 - cmdstanpy - INFO - Chain [1] done processing
00:26:42 - cmdstanpy - INFO - Chain [1] start processing
00:26:43 - cmdstanpy - INFO - Chain [1] done processing
00:26:43 - cmdstanpy - INFO - Chain [1] start processing
00:26:43 - cmdstanpy - INFO - Chain [1] done processing
00:26:43 - cmdstanpy - INFO - Chain [1] start processing
00:26:43 - cmdstanpy - INFO - Chain [1] done processing
00:26:43 - cmdstanpy - INFO - Chain [1] start processing
00:26:43 - cmdstanpy - INFO - Chain [1] done processing
00:26:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:44 - cmdstanpy - INFO - Chain [1] start processing
00:26:44 - cmdstanpy - INFO - Chain [1] done processing
00:26:44 - cmdstanpy - INFO - Chain [1] start processing
00:26:44 - cmdstanpy - INFO - Chain [1] done processing
00:26:44 - cmdstanpy - INFO - Chain [1] start processing
00:26:44 - cmdstanpy - INFO - Chain [1] done processing
00:26:45 - cmdstanpy - INFO - Chain [1] start processing
00:26:45 - cmdstanpy - INFO - Chain [1] done processing
00:26:45 - cmdstanpy - INFO - Chain [1] start processing
00:26:45 - cmdstanpy - INFO - Chain [1] done processing
00:26:45 - cmdstanpy - INFO - Chain [1] start processing
00:26:45 - cmdstanpy - INFO - Chain [1] done processing
00:26:46 - cmdstanpy - INFO - Chain [1] start processing
00:26:46 - cmdstanpy - INFO - Chain [1] done processing
00:26:46 - cmdstanpy - INFO - Chain [1] start processing
00:26:46 - cmdstanpy - INFO - Chain [1] done processing
00:26:46 - cmdstanpy - INFO - Chain [1] start processing
00:26:46 - cmdstanpy - INFO - Chain [1] done processing
00:26:47 - cmdstanpy - INFO - Chain [1] start processing
00:26:47 - cmdstanpy - INFO - Chain [1] done processing
00:26:47 - cmdstanpy - INFO - Chain [1] start processing
00:26:47 - cmdstanpy - INFO - Chain [1] done processing
00:26:47 - cmdstanpy - INFO - Chain [1] start processing
00:26:47 - cmdstanpy - INFO - Chain [1] done processing
00:26:48 - cmdstanpy - INFO - Chain [1] start processing
00:26:48 - cmdstanpy - INFO - Chain [1] done processing
00:26:48 - cmdstanpy - INFO - Chain [1] start processing
00:26:48 - cmdstanpy - INFO - Chain [1] done processing
00:26:48 - cmdstanpy - INFO - Chain [1] start processing
00:26:48 - cmdstanpy - INFO - Chain [1] done processing
00:26:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:48 - cmdstanpy - INFO - Chain [1] start processing
00:26:49 - cmdstanpy - INFO - Chain [1] done processing
00:26:49 - cmdstanpy - INFO - Chain [1] start processing
00:26:49 - cmdstanpy - INFO - Chain [1] done processing
00:26:49 - cmdstanpy - INFO - Chain [1] start processing
00:26:49 - cmdstanpy - INFO - Chain [1] done processing
00:26:50 - cmdstanpy - INFO - Chain [1] start processing
00:26:50 - cmdstanpy - INFO - Chain [1] done processing
00:26:50 - cmdstanpy - INFO - Chain [1] start processing
00:26:50 - cmdstanpy - INFO - Chain [1] done processing
00:26:50 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:26:50 - cmdstanpy - INFO - Chain [1] done processing
00:26:50 - cmdstanpy - INFO - Chain [1] start processing
00:26:51 - cmdstanpy - INFO - Chain [1] done processing
00:26:51 - cmdstanpy - INFO - Chain [1] start processing
00:26:51 - cmdstanpy - INFO - Chain [1] done processing
00:26:51 - cmdstanpy - INFO - Chain [1] start processing
00:26:51 - cmdstanpy - INFO - Chain [1] done processing
00:26:51 - cmdstanpy - INFO - Chain [1] start processing
00:26:52 - cmdstanpy - INFO - Chain [1] done processing
00:26:52 - cmdstanpy - INFO - Chain [1] start processing
00:26:52 - cmdstanpy - INFO - Chain [1] done processing
00:26:52 - cmdstanpy - INFO - Chain [1] start processing
00:26:52 - cmdstanpy - INFO - Chain [1] done processing
00:26:53 - cmdstanpy - INFO - Chain [1] start processing
00:26:53 - cmdstanpy - INFO - Chain [1] done processing
00:26:53 - cmdstanpy - INFO - Chain [1] start processing
00:26:53 - cmdstanpy - INFO - Chain [1] done processing
00:26:53 - cmdstanpy - INFO - Chain [1] start processing
00:26:53 - cmdstanpy - INFO - Chain [1] done processing
00:26:54 - cmdstanpy - INFO - Chain [1] start processing
00:26:54 - cmdstanpy - INFO - Chain [1] done processing
00:26:54 - cmdstanpy - INFO - Chain [1] start processing
00:26:54 - cmdstanpy - INFO - Chain [1] done processing
00:26:54 - cmdstanpy - INFO - Chain [1] start processing
00:26:54 - cmdstanpy - INFO - Chain [1] done processing
00:26:55 - cmdstanpy - INFO - Chain [1] start processing
00:26:55 - cmdstanpy - INFO - Chain [1] done processing
00:26:55 - cmdstanpy - INFO - Chain [1] start processing
00:26:55 - cmdstanpy - INFO - Chain [1] done processing
00:26:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:55 - cmdstanpy - INFO - Chain [1] start processing
00:26:55 - cmdstanpy - INFO - Chain [1] done processing
00:26:56 - cmdstanpy - INFO - Chain [1] start processing
00:26:56 - cmdstanpy - INFO - Chain [1] done processing
00:26:56 - cmdstanpy - INFO - Chain [1] start processing
00:26:56 - cmdstanpy - INFO - Chain [1] done processing
00:26:56 - cmdstanpy - INFO - Chain [1] start processing
00:26:57 - cmdstanpy - INFO - Chain [1] done processing
00:26:57 - cmdstanpy - INFO - Chain [1] start processing
00:26:57 - cmdstanpy - INFO - Chain [1] done processing
00:26:57 - cmdstanpy - INFO - Chain [1] start processing
00:26:57 - cmdstanpy - INFO - Chain [1] done processing
00:26:58 - cmdstanpy - INFO - Chain [1] start processing
00:26:58 - cmdstanpy - INFO - Chain [1] done processing
00:26:58 - cmdstanpy - INFO - Chain [1] start processing
00:26:58 - cmdstanpy - INFO - Chain [1] done processing
00:26:59 - cmdstanpy - INFO - Chain [1] start processing
00:26:59 - cmdstanpy - INFO - Chain [1] done processing
00:26:59 - cmdstanpy - INFO - Chain [1] start processing
00:26:59 - cmdstanpy - INFO - Chain [1] done processing
00:26:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:26:59 - cmdstanpy - INFO - Chain [1] start processing
00:26:59 - cmdstanpy - INFO - Chain [1] done processing
00:27:00 - cmdstanpy - INFO - Chain [1] start processing
00:27:00 - cmdstanpy - INFO - Chain [1] done processing
00:27:00 - cmdstanpy - INFO - Chain [1] start processing
00:27:00 - cmdstanpy - INFO - Chain [1] done processing
00:27:00 - cmdstanpy - INFO - Chain [1] start processing
00:27:00 - cmdstanpy - INFO - Chain [1] done processing
00:27:01 - cmdstanpy - INFO - Chain [1] start processing
00:27:01 - cmdstanpy - INFO - Chain [1] done processing
00:27:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:27:01 - cmdstanpy - INFO - Chain [1] done processing
00:27:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:01 - cmdstanpy - INFO - Chain [1] start processing
00:27:02 - cmdstanpy - INFO - Chain [1] done processing
00:27:02 - cmdstanpy - INFO - Chain [1] start processing
00:27:02 - cmdstanpy - INFO - Chain [1] done processing
00:27:02 - cmdstanpy - INFO - Chain [1] start processing
00:27:02 - cmdstanpy - INFO - Chain [1] done processing
00:27:03 - cmdstanpy - INFO - Chain [1] start processing
00:27:03 - cmdstanpy - INFO - Chain [1] done processing
00:27:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:03 - cmdstanpy - INFO - Chain [1] start processing
00:27:03 - cmdstanpy - INFO - Chain [1] done processing
00:27:03 - cmdstanpy - INFO - Chain [1] start processing
00:27:03 - cmdstanpy - INFO - Chain [1] done processing
00:27:04 - cmdstanpy - INFO - Chain [1] start processing
00:27:04 - cmdstanpy - INFO - Chain [1] done processing
00:27:04 - cmdstanpy - INFO - Chain [1] start processing
00:27:04 - cmdstanpy - INFO - Chain [1] done processing
00:27:04 - cmdstanpy - INFO - Chain [1] start processing
00:27:04 - cmdstanpy - INFO - Chain [1] done processing
00:27:05 - cmdstanpy - INFO - Chain [1] start processing
00:27:05 - cmdstanpy - INFO - Chain [1] done processing
00:27:05 - cmdstanpy - INFO - Chain [1] start processing
00:27:05 - cmdstanpy - INFO - Chain [1] done processing
00:27:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:05 - cmdstanpy - INFO - Chain [1] start processing
00:27:05 - cmdstanpy - INFO - Chain [1] done processing
00:27:06 - cmdstanpy - INFO - Chain [1] start processing
00:27:06 - cmdstanpy - INFO - Chain [1] done processing
00:27:06 - cmdstanpy - INFO - Chain [1] start processing
00:27:06 - cmdstanpy - INFO - Chain [1] done processing
00:27:06 - cmdstanpy - INFO - Chain [1] start processing
00:27:06 - cmdstanpy - INFO - Chain [1] done processing
00:27:07 - cmdstanpy - INFO - Chain [1] start processing
00:27:07 - cmdstanpy - INFO - Chain [1] done processing
00:27:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:07 - cmdstanpy - INFO - Chain [1] start processing
00:27:07 - cmdstanpy - INFO - Chain [1] done processing
00:27:07 - cmdstanpy - INFO - Chain [1] start processing
00:27:07 - cmdstanpy - INFO - Chain [1] done processing
00:27:07 - cmdstanpy - INFO - Chain [1] start processing
00:27:07 - cmdstanpy - INFO - Chain [1] done processing
00:27:08 - cmdstanpy - INFO - Chain [1] start processing
00:27:08 - cmdstanpy - INFO - Chain [1] done processing
00:27:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:08 - cmdstanpy - INFO - Chain [1] start processing
00:27:08 - cmdstanpy - INFO - Chain [1] done processing
00:27:08 - cmdstanpy - INFO - Chain [1] start processing
00:27:08 - cmdstanpy - INFO - Chain [1] done processing
00:27:09 - cmdstanpy - INFO - Chain [1] start processing
00:27:09 - cmdstanpy - INFO - Chain [1] done processing
00:27:09 - cmdstanpy - INFO - Chain [1] start processing
00:27:09 - cmdstanpy - INFO - Chain [1] done processing
00:27:09 - cmdstanpy - INFO - Chain [1] start processing
00:27:10 - cmdstanpy - INFO - Chain [1] done processing
00:27:10 - cmdstanpy - INFO - Chain [1] start processing
00:27:10 - cmdstanpy - INFO - Chain [1] done processing
00:27:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
00:27:10 - cmdstanpy - INFO - Chain [1] start processing
00:27:10 - cmdstanpy - INFO - Chain [1] done processing
00:27:11 - cmdstanpy - INFO - Chain [1] start processing
00:27:11 - cmdstanpy - INFO - Chain [1] done processing
00:27:11 - cmdstanpy - INFO - Chain [1] start processing
00:27:11 - cmdstanpy - INFO - Chain [1] done processing
00:27:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:11 - cmdstanpy - INFO - Chain [1] start processing
00:27:11 - cmdstanpy - INFO - Chain [1] done processing
00:27:11 - cmdstanpy - INFO - Chain [1] start processing
00:27:11 - cmdstanpy - INFO - Chain [1] done processing
00:27:12 - cmdstanpy - INFO - Chain [1] start processing
00:27:12 - cmdstanpy - INFO - Chain [1] done processing
00:27:12 - cmdstanpy - INFO - Chain [1] start processing
00:27:12 - cmdstanpy - INFO - Chain [1] done processing
00:27:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:12 - cmdstanpy - INFO - Chain [1] start processing
00:27:12 - cmdstanpy - INFO - Chain [1] done processing
00:27:13 - cmdstanpy - INFO - Chain [1] start processing
00:27:13 - cmdstanpy - INFO - Chain [1] done processing
00:27:13 - cmdstanpy - INFO - Chain [1] start processing
00:27:13 - cmdstanpy - INFO - Chain [1] done processing
00:27:13 - cmdstanpy - INFO - Chain [1] start processing
00:27:13 - cmdstanpy - INFO - Chain [1] done processing
00:27:14 - cmdstanpy - INFO - Chain [1] start processing
00:27:14 - cmdstanpy - INFO - Chain [1] done processing
00:27:14 - cmdstanpy - INFO - Chain [1] start processing
00:27:14 - cmdstanpy - INFO - Chain [1] done processing
00:27:14 - cmdstanpy - INFO - Chain [1] start processing
00:27:14 - cmdstanpy - INFO - Chain [1] done processing
00:27:15 - cmdstanpy - INFO - Chain [1] start processing
00:27:15 - cmdstanpy - INFO - Chain [1] done processing
00:27:15 - cmdstanpy - INFO - Chain [1] start processing
00:27:15 - cmdstanpy - INFO - Chain [1] done processing
00:27:15 - cmdstanpy - INFO - Chain [1] start processing
00:27:15 - cmdstanpy - INFO - Chain [1] done processing
00:27:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:15 - cmdstanpy - INFO - Chain [1] start processing
00:27:16 - cmdstanpy - INFO - Chain [1] done processing
00:27:16 - cmdstanpy - INFO - Chain [1] start processing
00:27:16 - cmdstanpy - INFO - Chain [1] done processing
00:27:16 - cmdstanpy - INFO - Chain [1] start processing
00:27:16 - cmdstanpy - INFO - Chain [1] done processing
00:27:17 - cmdstanpy - INFO - Chain [1] start processing
00:27:17 - cmdstanpy - INFO - Chain [1] done processing
00:27:17 - cmdstanpy - INFO - Chain [1] start processing
00:27:17 - cmdstanpy - INFO - Chain [1] done processing
00:27:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:17 - cmdstanpy - INFO - Chain [1] start processing
00:27:17 - cmdstanpy - INFO - Chain [1] done processing
00:27:17 - cmdstanpy - INFO - Chain [1] start processing
00:27:17 - cmdstanpy - INFO - Chain [1] done processing
00:27:18 - cmdstanpy - INFO - Chain [1] start processing
00:27:18 - cmdstanpy - INFO - Chain [1] done processing
00:27:18 - cmdstanpy - INFO - Chain [1] start processing
00:27:18 - cmdstanpy - INFO - Chain [1] done processing
00:27:18 - cmdstanpy - INFO - Chain [1] start processing
00:27:18 - cmdstanpy - INFO - Chain [1] done processing
00:27:19 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:27:19 - cmdstanpy - INFO - Chain [1] done processing
00:27:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:19 - cmdstanpy - INFO - Chain [1] start processing
00:27:19 - cmdstanpy - INFO - Chain [1] done processing
00:27:19 - cmdstanpy - INFO - Chain [1] start processing
00:27:19 - cmdstanpy - INFO - Chain [1] done processing
00:27:20 - cmdstanpy - INFO - Chain [1] start processing
00:27:20 - cmdstanpy - INFO - Chain [1] done processing
00:27:20 - cmdstanpy - INFO - Chain [1] start processing
00:27:20 - cmdstanpy - INFO - Chain [1] done processing
00:27:20 - cmdstanpy - INFO - Chain [1] start processing
00:27:20 - cmdstanpy - INFO - Chain [1] done processing
00:27:21 - cmdstanpy - INFO - Chain [1] start processing
00:27:21 - cmdstanpy - INFO - Chain [1] done processing
00:27:21 - cmdstanpy - INFO - Chain [1] start processing
00:27:21 - cmdstanpy - INFO - Chain [1] done processing
00:27:21 - cmdstanpy - INFO - Chain [1] start processing
00:27:21 - cmdstanpy - INFO - Chain [1] done processing
00:27:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:21 - cmdstanpy - INFO - Chain [1] start processing
00:27:22 - cmdstanpy - INFO - Chain [1] done processing
00:27:22 - cmdstanpy - INFO - Chain [1] start processing
00:27:22 - cmdstanpy - INFO - Chain [1] done processing
00:27:22 - cmdstanpy - INFO - Chain [1] start processing
00:27:22 - cmdstanpy - INFO - Chain [1] done processing
00:27:22 - cmdstanpy - INFO - Chain [1] start processing
00:27:23 - cmdstanpy - INFO - Chain [1] done processing
00:27:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:23 - cmdstanpy - INFO - Chain [1] start processing
00:27:23 - cmdstanpy - INFO - Chain [1] done processing
00:27:23 - cmdstanpy - INFO - Chain [1] start processing
00:27:23 - cmdstanpy - INFO - Chain [1] done processing
00:27:23 - cmdstanpy - INFO - Chain [1] start processing
00:27:23 - cmdstanpy - INFO - Chain [1] done processing
00:27:24 - cmdstanpy - INFO - Chain [1] start processing
00:27:24 - cmdstanpy - INFO - Chain [1] done processing
00:27:24 - cmdstanpy - INFO - Chain [1] start processing
00:27:24 - cmdstanpy - INFO - Chain [1] done processing
00:27:24 - cmdstanpy - INFO - Chain [1] start processing
00:27:24 - cmdstanpy - INFO - Chain [1] done processing
00:27:25 - cmdstanpy - INFO - Chain [1] start processing
00:27:25 - cmdstanpy - INFO - Chain [1] done processing
00:27:25 - cmdstanpy - INFO - Chain [1] start processing
00:27:25 - cmdstanpy - INFO - Chain [1] done processing
00:27:25 - cmdstanpy - INFO - Chain [1] start processing
00:27:25 - cmdstanpy - INFO - Chain [1] done processing
00:27:26 - cmdstanpy - INFO - Chain [1] start processing
00:27:26 - cmdstanpy - INFO - Chain [1] done processing
00:27:26 - cmdstanpy - INFO - Chain [1] start processing
00:27:26 - cmdstanpy - INFO - Chain [1] done processing
00:27:26 - cmdstanpy - INFO - Chain [1] start processing
00:27:27 - cmdstanpy - INFO - Chain [1] done processing
00:27:27 - cmdstanpy - INFO - Chain [1] start processing
00:27:27 - cmdstanpy - INFO - Chain [1] done processing
00:27:27 - cmdstanpy - INFO - Chain [1] start processing
00:27:27 - cmdstanpy - INFO - Chain [1] done processing
00:27:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:27 - cmdstanpy - INFO - Chain [1] start processing
00:27:27 - cmdstanpy - INFO - Chain [1] done processing
00:27:28 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:27:28 - cmdstanpy - INFO - Chain [1] done processing
00:27:28 - cmdstanpy - INFO - Chain [1] start processing
00:27:28 - cmdstanpy - INFO - Chain [1] done processing
00:27:28 - cmdstanpy - INFO - Chain [1] start processing
00:27:28 - cmdstanpy - INFO - Chain [1] done processing
00:27:29 - cmdstanpy - INFO - Chain [1] start processing
00:27:29 - cmdstanpy - INFO - Chain [1] done processing
00:27:29 - cmdstanpy - INFO - Chain [1] start processing
00:27:29 - cmdstanpy - INFO - Chain [1] done processing
00:27:29 - cmdstanpy - INFO - Chain [1] start processing
00:27:29 - cmdstanpy - INFO - Chain [1] done processing
00:27:29 - cmdstanpy - INFO - Chain [1] start processing
00:27:29 - cmdstanpy - INFO - Chain [1] done processing
00:27:30 - cmdstanpy - INFO - Chain [1] start processing
00:27:30 - cmdstanpy - INFO - Chain [1] done processing
00:27:30 - cmdstanpy - INFO - Chain [1] start processing
00:27:30 - cmdstanpy - INFO - Chain [1] done processing
00:27:30 - cmdstanpy - INFO - Chain [1] start processing
00:27:31 - cmdstanpy - INFO - Chain [1] done processing
00:27:31 - cmdstanpy - INFO - Chain [1] start processing
00:27:31 - cmdstanpy - INFO - Chain [1] done processing
00:27:31 - cmdstanpy - INFO - Chain [1] start processing
00:27:31 - cmdstanpy - INFO - Chain [1] done processing
00:27:31 - cmdstanpy - INFO - Chain [1] start processing
00:27:31 - cmdstanpy - INFO - Chain [1] done processing
00:27:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:31 - cmdstanpy - INFO - Chain [1] start processing
00:27:32 - cmdstanpy - INFO - Chain [1] done processing
00:27:32 - cmdstanpy - INFO - Chain [1] start processing
00:27:32 - cmdstanpy - INFO - Chain [1] done processing
00:27:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:32 - cmdstanpy - INFO - Chain [1] start processing
00:27:33 - cmdstanpy - INFO - Chain [1] done processing
00:27:33 - cmdstanpy - INFO - Chain [1] start processing
00:27:33 - cmdstanpy - INFO - Chain [1] done processing
00:27:33 - cmdstanpy - INFO - Chain [1] start processing
00:27:33 - cmdstanpy - INFO - Chain [1] done processing
00:27:33 - cmdstanpy - INFO - Chain [1] start processing
00:27:34 - cmdstanpy - INFO - Chain [1] done processing
00:27:34 - cmdstanpy - INFO - Chain [1] start processing
00:27:34 - cmdstanpy - INFO - Chain [1] done processing
00:27:34 - cmdstanpy - INFO - Chain [1] start processing
00:27:34 - cmdstanpy - INFO - Chain [1] done processing
00:27:34 - cmdstanpy - INFO - Chain [1] start processing
00:27:34 - cmdstanpy - INFO - Chain [1] done processing
00:27:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:34 - cmdstanpy - INFO - Chain [1] start processing
00:27:35 - cmdstanpy - INFO - Chain [1] done processing
00:27:35 - cmdstanpy - INFO - Chain [1] start processing
00:27:35 - cmdstanpy - INFO - Chain [1] done processing
00:27:35 - cmdstanpy - INFO - Chain [1] start processing
00:27:35 - cmdstanpy - INFO - Chain [1] done processing
00:27:36 - cmdstanpy - INFO - Chain [1] start processing
00:27:36 - cmdstanpy - INFO - Chain [1] done processing
00:27:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:36 - cmdstanpy - INFO - Chain [1] start processing
00:27:36 - cmdstanpy - INFO - Chain [1] done processing
00:27:36 - cmdstanpy - INFO - Chain [1] start processing
00:27:36 - cmdstanpy - INFO - Chain [1] done processing
00:27:36 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:27:37 - cmdstanpy - INFO - Chain [1] done processing
00:27:37 - cmdstanpy - INFO - Chain [1] start processing
00:27:37 - cmdstanpy - INFO - Chain [1] done processing
00:27:37 - cmdstanpy - INFO - Chain [1] start processing
00:27:37 - cmdstanpy - INFO - Chain [1] done processing
00:27:37 - cmdstanpy - INFO - Chain [1] start processing
00:27:38 - cmdstanpy - INFO - Chain [1] done processing
00:27:38 - cmdstanpy - INFO - Chain [1] start processing
00:27:38 - cmdstanpy - INFO - Chain [1] done processing
00:27:38 - cmdstanpy - INFO - Chain [1] start processing
00:27:38 - cmdstanpy - INFO - Chain [1] done processing
00:27:38 - cmdstanpy - INFO - Chain [1] start processing
00:27:38 - cmdstanpy - INFO - Chain [1] done processing
00:27:39 - cmdstanpy - INFO - Chain [1] start processing
00:27:39 - cmdstanpy - INFO - Chain [1] done processing
00:27:39 - cmdstanpy - INFO - Chain [1] start processing
00:27:39 - cmdstanpy - INFO - Chain [1] done processing
00:27:39 - cmdstanpy - INFO - Chain [1] start processing
00:27:39 - cmdstanpy - INFO - Chain [1] done processing
00:27:40 - cmdstanpy - INFO - Chain [1] start processing
00:27:40 - cmdstanpy - INFO - Chain [1] done processing
00:27:40 - cmdstanpy - INFO - Chain [1] start processing
00:27:40 - cmdstanpy - INFO - Chain [1] done processing
00:27:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:40 - cmdstanpy - INFO - Chain [1] start processing
00:27:40 - cmdstanpy - INFO - Chain [1] done processing
00:27:41 - cmdstanpy - INFO - Chain [1] start processing
00:27:41 - cmdstanpy - INFO - Chain [1] done processing
00:27:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:41 - cmdstanpy - INFO - Chain [1] start processing
00:27:41 - cmdstanpy - INFO - Chain [1] done processing
00:27:41 - cmdstanpy - INFO - Chain [1] start processing
00:27:41 - cmdstanpy - INFO - Chain [1] done processing
00:27:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:41 - cmdstanpy - INFO - Chain [1] start processing
00:27:41 - cmdstanpy - INFO - Chain [1] done processing
00:27:42 - cmdstanpy - INFO - Chain [1] start processing
00:27:42 - cmdstanpy - INFO - Chain [1] done processing
00:27:42 - cmdstanpy - INFO - Chain [1] start processing
00:27:42 - cmdstanpy - INFO - Chain [1] done processing
00:27:42 - cmdstanpy - INFO - Chain [1] start processing
00:27:42 - cmdstanpy - INFO - Chain [1] done processing
00:27:43 - cmdstanpy - INFO - Chain [1] start processing
00:27:43 - cmdstanpy - INFO - Chain [1] done processing
00:27:43 - cmdstanpy - INFO - Chain [1] start processing
00:27:43 - cmdstanpy - INFO - Chain [1] done processing
00:27:43 - cmdstanpy - INFO - Chain [1] start processing
00:27:43 - cmdstanpy - INFO - Chain [1] done processing
00:27:44 - cmdstanpy - INFO - Chain [1] start processing
00:27:44 - cmdstanpy - INFO - Chain [1] done processing
00:27:44 - cmdstanpy - INFO - Chain [1] start processing
00:27:44 - cmdstanpy - INFO - Chain [1] done processing
00:27:44 - cmdstanpy - INFO - Chain [1] start processing
00:27:44 - cmdstanpy - INFO - Chain [1] done processing
00:27:45 - cmdstanpy - INFO - Chain [1] start processing
00:27:45 - cmdstanpy - INFO - Chain [1] done processing
00:27:45 - cmdstanpy - INFO - Chain [1] start processing
00:27:45 - cmdstanpy - INFO - Chain [1] done processing
00:27:45 - cmdstanpy - INFO - Chain [1] start processing
00:27:46 - cmdstanpy - INFO - Chain [1] done processing
00:27:46 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:27:46 - cmdstanpy - INFO - Chain [1] done processing
00:27:46 - cmdstanpy - INFO - Chain [1] start processing
00:27:46 - cmdstanpy - INFO - Chain [1] done processing
00:27:47 - cmdstanpy - INFO - Chain [1] start processing
00:27:47 - cmdstanpy - INFO - Chain [1] done processing
00:27:47 - cmdstanpy - INFO - Chain [1] start processing
00:27:47 - cmdstanpy - INFO - Chain [1] done processing
00:27:47 - cmdstanpy - INFO - Chain [1] start processing
00:27:47 - cmdstanpy - INFO - Chain [1] done processing
00:27:48 - cmdstanpy - INFO - Chain [1] start processing
00:27:48 - cmdstanpy - INFO - Chain [1] done processing
00:27:48 - cmdstanpy - INFO - Chain [1] start processing
00:27:48 - cmdstanpy - INFO - Chain [1] done processing
00:27:48 - cmdstanpy - INFO - Chain [1] start processing
00:27:48 - cmdstanpy - INFO - Chain [1] done processing
00:27:49 - cmdstanpy - INFO - Chain [1] start processing
00:27:49 - cmdstanpy - INFO - Chain [1] done processing
00:27:49 - cmdstanpy - INFO - Chain [1] start processing
00:27:49 - cmdstanpy - INFO - Chain [1] done processing
00:27:49 - cmdstanpy - INFO - Chain [1] start processing
00:27:49 - cmdstanpy - INFO - Chain [1] done processing
00:27:50 - cmdstanpy - INFO - Chain [1] start processing
00:27:50 - cmdstanpy - INFO - Chain [1] done processing
00:27:50 - cmdstanpy - INFO - Chain [1] start processing
00:27:50 - cmdstanpy - INFO - Chain [1] done processing
00:27:50 - cmdstanpy - INFO - Chain [1] start processing
00:27:50 - cmdstanpy - INFO - Chain [1] done processing
00:27:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:50 - cmdstanpy - INFO - Chain [1] start processing
00:27:51 - cmdstanpy - INFO - Chain [1] done processing
00:27:51 - cmdstanpy - INFO - Chain [1] start processing
00:27:51 - cmdstanpy - INFO - Chain [1] done processing
00:27:51 - cmdstanpy - INFO - Chain [1] start processing
00:27:51 - cmdstanpy - INFO - Chain [1] done processing
00:27:51 - cmdstanpy - INFO - Chain [1] start processing
00:27:52 - cmdstanpy - INFO - Chain [1] done processing
00:27:52 - cmdstanpy - INFO - Chain [1] start processing
00:27:52 - cmdstanpy - INFO - Chain [1] done processing
00:27:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:52 - cmdstanpy - INFO - Chain [1] start processing
00:27:52 - cmdstanpy - INFO - Chain [1] done processing
00:27:53 - cmdstanpy - INFO - Chain [1] start processing
00:27:53 - cmdstanpy - INFO - Chain [1] done processing
00:27:53 - cmdstanpy - INFO - Chain [1] start processing
00:27:53 - cmdstanpy - INFO - Chain [1] done processing
00:27:53 - cmdstanpy - INFO - Chain [1] start processing
00:27:53 - cmdstanpy - INFO - Chain [1] done processing
00:27:54 - cmdstanpy - INFO - Chain [1] start processing
00:27:54 - cmdstanpy - INFO - Chain [1] done processing
00:27:54 - cmdstanpy - INFO - Chain [1] start processing
00:27:54 - cmdstanpy - INFO - Chain [1] done processing
00:27:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:27:54 - cmdstanpy - INFO - Chain [1] start processing
00:27:54 - cmdstanpy - INFO - Chain [1] done processing
00:27:55 - cmdstanpy - INFO - Chain [1] start processing
00:27:55 - cmdstanpy - INFO - Chain [1] done processing
00:27:55 - cmdstanpy - INFO - Chain [1] start processing
00:27:55 - cmdstanpy - INFO - Chain [1] done processing
00:27:55 - cmdstanpy - INFO - Chain [1] start processing
00:27:55 - cmdstanpy - INFO - Chain [1] done processing
00:27:56 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:27:56 - cmdstanpy - INFO - Chain [1] done processing
00:27:56 - cmdstanpy - INFO - Chain [1] start processing
00:27:56 - cmdstanpy - INFO - Chain [1] done processing
00:27:56 - cmdstanpy - INFO - Chain [1] start processing
00:27:56 - cmdstanpy - INFO - Chain [1] done processing
00:27:57 - cmdstanpy - INFO - Chain [1] start processing
00:27:57 - cmdstanpy - INFO - Chain [1] done processing
00:27:57 - cmdstanpy - INFO - Chain [1] start processing
00:27:57 - cmdstanpy - INFO - Chain [1] done processing
00:27:57 - cmdstanpy - INFO - Chain [1] start processing
00:27:57 - cmdstanpy - INFO - Chain [1] done processing
00:27:58 - cmdstanpy - INFO - Chain [1] start processing
00:27:58 - cmdstanpy - INFO - Chain [1] done processing
00:27:58 - cmdstanpy - INFO - Chain [1] start processing
00:27:58 - cmdstanpy - INFO - Chain [1] done processing
00:27:58 - cmdstanpy - INFO - Chain [1] start processing
00:27:58 - cmdstanpy - INFO - Chain [1] done processing
00:27:58 - cmdstanpy - INFO - Chain [1] start processing
00:27:59 - cmdstanpy - INFO - Chain [1] done processing
00:27:59 - cmdstanpy - INFO - Chain [1] start processing
00:27:59 - cmdstanpy - INFO - Chain [1] done processing
00:27:59 - cmdstanpy - INFO - Chain [1] start processing
00:27:59 - cmdstanpy - INFO - Chain [1] done processing
00:28:00 - cmdstanpy - INFO - Chain [1] start processing
00:28:00 - cmdstanpy - INFO - Chain [1] done processing
00:28:00 - cmdstanpy - INFO - Chain [1] start processing
00:28:00 - cmdstanpy - INFO - Chain [1] done processing
00:28:00 - cmdstanpy - INFO - Chain [1] start processing
00:28:00 - cmdstanpy - INFO - Chain [1] done processing
00:28:01 - cmdstanpy - INFO - Chain [1] start processing
00:28:01 - cmdstanpy - INFO - Chain [1] done processing
00:28:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:28:01 - cmdstanpy - INFO - Chain [1] start processing
00:28:01 - cmdstanpy - INFO - Chain [1] done processing
00:28:01 - cmdstanpy - INFO - Chain [1] start processing
00:28:01 - cmdstanpy - INFO - Chain [1] done processing
00:28:02 - cmdstanpy - INFO - Chain [1] start processing
00:28:02 - cmdstanpy - INFO - Chain [1] done processing
00:28:02 - cmdstanpy - INFO - Chain [1] start processing
00:28:02 - cmdstanpy - INFO - Chain [1] done processing
00:28:02 - cmdstanpy - INFO - Chain [1] start processing
00:28:03 - cmdstanpy - INFO - Chain [1] done processing
00:28:03 - cmdstanpy - INFO - Chain [1] start processing
00:28:03 - cmdstanpy - INFO - Chain [1] done processing
00:28:03 - cmdstanpy - INFO - Chain [1] start processing
00:28:03 - cmdstanpy - INFO - Chain [1] done processing
00:28:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:28:03 - cmdstanpy - INFO - Chain [1] start processing
00:28:03 - cmdstanpy - INFO - Chain [1] done processing
00:28:04 - cmdstanpy - INFO - Chain [1] start processing
00:28:04 - cmdstanpy - INFO - Chain [1] done processing
00:28:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:28:04 - cmdstanpy - INFO - Chain [1] start processing
00:28:04 - cmdstanpy - INFO - Chain [1] done processing
00:28:04 - cmdstanpy - INFO - Chain [1] start processing
00:28:04 - cmdstanpy - INFO - Chain [1] done processing
00:28:05 - cmdstanpy - INFO - Chain [1] start processing
00:28:05 - cmdstanpy - INFO - Chain [1] done processing
00:28:05 - cmdstanpy - INFO - Chain [1] start processing
00:28:05 - cmdstanpy - INFO - Chain [1] done processing
00:28:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:28:05 - cmdstanpy - INFO - Chain [1] done processing
00:28:06 - cmdstanpy - INFO - Chain [1] start processing
00:28:06 - cmdstanpy - INFO - Chain [1] done processing
00:28:06 - cmdstanpy - INFO - Chain [1] start processing
00:28:06 - cmdstanpy - INFO - Chain [1] done processing
00:28:06 - cmdstanpy - INFO - Chain [1] start processing
00:28:06 - cmdstanpy - INFO - Chain [1] done processing
00:28:07 - cmdstanpy - INFO - Chain [1] start processing
00:28:07 - cmdstanpy - INFO - Chain [1] done processing
00:28:07 - cmdstanpy - INFO - Chain [1] start processing
00:28:07 - cmdstanpy - INFO - Chain [1] done processing
00:28:08 - cmdstanpy - INFO - Chain [1] start processing
00:28:08 - cmdstanpy - INFO - Chain [1] done processing
00:28:08 - cmdstanpy - INFO - Chain [1] start processing
00:28:08 - cmdstanpy - INFO - Chain [1] done processing
00:28:09 - cmdstanpy - INFO - Chain [1] start processing
00:28:09 - cmdstanpy - INFO - Chain [1] done processing
00:28:09 - cmdstanpy - INFO - Chain [1] start processing
00:28:09 - cmdstanpy - INFO - Chain [1] done processing
00:28:09 - cmdstanpy - INFO - Chain [1] start processing
00:28:09 - cmdstanpy - INFO - Chain [1] done processing
00:28:10 - cmdstanpy - INFO - Chain [1] start processing
00:28:10 - cmdstanpy - INFO - Chain [1] done processing
00:28:10 - cmdstanpy - INFO - Chain [1] start processing
00:28:10 - cmdstanpy - INFO - Chain [1] done processing
00:28:10 - cmdstanpy - INFO - Chain [1] start processing
00:28:10 - cmdstanpy - INFO - Chain [1] done processing
00:28:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:28:10 - cmdstanpy - INFO - Chain [1] start processing
00:28:11 - cmdstanpy - INFO - Chain [1] done processing
00:28:11 - cmdstanpy - INFO - Chain [1] start processing
00:28:11 - cmdstanpy - INFO - Chain [1] done processing
00:28:11 - cmdstanpy - INFO - Chain [1] start processing
00:28:11 - cmdstanpy - INFO - Chain [1] done processing
00:28:12 - cmdstanpy - INFO - Chain [1] start processing
00:28:12 - cmdstanpy - INFO - Chain [1] done processing
00:28:12 - cmdstanpy - INFO - Chain [1] start processing
00:28:12 - cmdstanpy - INFO - Chain [1] done processing
00:28:12 - cmdstanpy - INFO - Chain [1] start processing
00:28:12 - cmdstanpy - INFO - Chain [1] done processing
00:28:12 - cmdstanpy - INFO - Chain [1] start processing
00:28:13 - cmdstanpy - INFO - Chain [1] done processing
00:28:13 - cmdstanpy - INFO - Chain [1] start processing
00:28:13 - cmdstanpy - INFO - Chain [1] done processing
00:28:13 - cmdstanpy - INFO - Chain [1] start processing
00:28:13 - cmdstanpy - INFO - Chain [1] done processing
00:28:13 - cmdstanpy - INFO - Chain [1] start processing
00:28:13 - cmdstanpy - INFO - Chain [1] done processing
00:28:14 - cmdstanpy - INFO - Chain [1] start processing
00:28:14 - cmdstanpy - INFO - Chain [1] done processing
00:28:14 - cmdstanpy - INFO - Chain [1] start processing
00:28:14 - cmdstanpy - INFO - Chain [1] done processing
00:28:15 - cmdstanpy - INFO - Chain [1] start processing
00:28:15 - cmdstanpy - INFO - Chain [1] done processing
00:28:16 - cmdstanpy - INFO - Chain [1] start processing
00:28:16 - cmdstanpy - INFO - Chain [1] done processing
00:28:16 - cmdstanpy - INFO - Chain [1] start processing
00:28:16 - cmdstanpy - INFO - Chain [1] done processing
00:28:16 - cmdstanpy - INFO - Chain [1] start processing
00:28:16 - cmdstanpy - INFO - Chain [1] done processing
00:28:17 - cmdstanpy - INFO - Chain [1] start processing
00:28:17 - cmdstanpy - INFO - Chain [1] done processing
00:28:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:28:18 - cmdstanpy - INFO - Chain [1] done processing
00:28:18 - cmdstanpy - INFO - Chain [1] start processing
00:28:18 - cmdstanpy - INFO - Chain [1] done processing
00:28:19 - cmdstanpy - INFO - Chain [1] start processing
00:28:19 - cmdstanpy - INFO - Chain [1] done processing
00:28:19 - cmdstanpy - INFO - Chain [1] start processing
00:28:19 - cmdstanpy - INFO - Chain [1] done processing
00:28:19 - cmdstanpy - INFO - Chain [1] start processing
00:28:19 - cmdstanpy - INFO - Chain [1] done processing
00:28:20 - cmdstanpy - INFO - Chain [1] start processing
00:28:20 - cmdstanpy - INFO - Chain [1] done processing
00:28:20 - cmdstanpy - INFO - Chain [1] start processing
00:28:20 - cmdstanpy - INFO - Chain [1] done processing
00:28:21 - cmdstanpy - INFO - Chain [1] start processing
00:28:21 - cmdstanpy - INFO - Chain [1] done processing
00:28:21 - cmdstanpy - INFO - Chain [1] start processing
00:28:21 - cmdstanpy - INFO - Chain [1] done processing
00:28:22 - cmdstanpy - INFO - Chain [1] start processing
00:28:22 - cmdstanpy - INFO - Chain [1] done processing
00:28:22 - cmdstanpy - INFO - Chain [1] start processing
00:28:23 - cmdstanpy - INFO - Chain [1] done processing
00:28:23 - cmdstanpy - INFO - Chain [1] start processing
00:28:23 - cmdstanpy - INFO - Chain [1] done processing
00:28:23 - cmdstanpy - INFO - Chain [1] start processing
00:28:23 - cmdstanpy - INFO - Chain [1] done processing
00:28:24 - cmdstanpy - INFO - Chain [1] start processing
00:28:24 - cmdstanpy - INFO - Chain [1] done processing
00:28:24 - cmdstanpy - INFO - Chain [1] start processing
00:28:24 - cmdstanpy - INFO - Chain [1] done processing
00:28:25 - cmdstanpy - INFO - Chain [1] start processing
00:28:25 - cmdstanpy - INFO - Chain [1] done processing
00:28:25 - cmdstanpy - INFO - Chain [1] start processing
00:28:25 - cmdstanpy - INFO - Chain [1] done processing
00:28:25 - cmdstanpy - INFO - Chain [1] start processing
00:28:26 - cmdstanpy - INFO - Chain [1] done processing
00:28:26 - cmdstanpy - INFO - Chain [1] start processing
00:28:26 - cmdstanpy - INFO - Chain [1] done processing
00:28:26 - cmdstanpy - INFO - Chain [1] start processing
00:28:26 - cmdstanpy - INFO - Chain [1] done processing
00:28:27 - cmdstanpy - INFO - Chain [1] start processing
00:28:27 - cmdstanpy - INFO - Chain [1] done processing
00:28:27 - cmdstanpy - INFO - Chain [1] start processing
00:28:27 - cmdstanpy - INFO - Chain [1] done processing
00:28:28 - cmdstanpy - INFO - Chain [1] start processing
00:28:28 - cmdstanpy - INFO - Chain [1] done processing
00:28:28 - cmdstanpy - INFO - Chain [1] start processing
00:28:28 - cmdstanpy - INFO - Chain [1] done processing
00:28:28 - cmdstanpy - INFO - Chain [1] start processing
00:28:28 - cmdstanpy - INFO - Chain [1] done processing
00:28:29 - cmdstanpy - INFO - Chain [1] start processing
00:28:29 - cmdstanpy - INFO - Chain [1] done processing
00:28:29 - cmdstanpy - INFO - Chain [1] start processing
00:28:29 - cmdstanpy - INFO - Chain [1] done processing
00:28:30 - cmdstanpy - INFO - Chain [1] start processing
00:28:30 - cmdstanpy - INFO - Chain [1] done processing
00:28:30 - cmdstanpy - INFO - Chain [1] start processing
00:28:30 - cmdstanpy - INFO - Chain [1] done processing
00:28:31 - cmdstanpy - INFO - Chain [1] start processing
00:28:31 - cmdstanpy - INFO - Chain [1] done processing
00:28:32 - cmdstanpy - INFO - Chain [1] start processing
00:28:32 - cmdstanpy - INFO - Chain [1] done processing
00:28:32 - cmdstanpy - INFO - Chain [1] start processing
00:28:32 - cmdstanpy - INFO - Chain [1] done processing
00:28:33 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:28:33 - cmdstanpy - INFO - Chain [1] done processing
00:28:33 - cmdstanpy - INFO - Chain [1] start processing
00:28:33 - cmdstanpy - INFO - Chain [1] done processing
00:28:34 - cmdstanpy - INFO - Chain [1] start processing
00:28:34 - cmdstanpy - INFO - Chain [1] done processing
00:28:34 - cmdstanpy - INFO - Chain [1] start processing
00:28:34 - cmdstanpy - INFO - Chain [1] done processing
00:28:34 - cmdstanpy - INFO - Chain [1] start processing
00:28:35 - cmdstanpy - INFO - Chain [1] done processing
00:28:35 - cmdstanpy - INFO - Chain [1] start processing
00:28:35 - cmdstanpy - INFO - Chain [1] done processing
00:28:35 - cmdstanpy - INFO - Chain [1] start processing
00:28:35 - cmdstanpy - INFO - Chain [1] done processing
00:28:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:28:35 - cmdstanpy - INFO - Chain [1] start processing
00:28:35 - cmdstanpy - INFO - Chain [1] done processing
00:28:36 - cmdstanpy - INFO - Chain [1] start processing
00:28:36 - cmdstanpy - INFO - Chain [1] done processing
00:28:36 - cmdstanpy - INFO - Chain [1] start processing
00:28:36 - cmdstanpy - INFO - Chain [1] done processing
00:28:36 - cmdstanpy - INFO - Chain [1] start processing
00:28:36 - cmdstanpy - INFO - Chain [1] done processing
00:28:37 - cmdstanpy - INFO - Chain [1] start processing
00:28:37 - cmdstanpy - INFO - Chain [1] done processing
00:28:37 - cmdstanpy - INFO - Chain [1] start processing
00:28:37 - cmdstanpy - INFO - Chain [1] done processing
00:28:37 - cmdstanpy - INFO - Chain [1] start processing
00:28:37 - cmdstanpy - INFO - Chain [1] done processing
00:28:38 - cmdstanpy - INFO - Chain [1] start processing
00:28:38 - cmdstanpy - INFO - Chain [1] done processing
00:28:38 - cmdstanpy - INFO - Chain [1] start processing
00:28:38 - cmdstanpy - INFO - Chain [1] done processing
00:28:39 - cmdstanpy - INFO - Chain [1] start processing
00:28:39 - cmdstanpy - INFO - Chain [1] done processing
00:28:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:28:39 - cmdstanpy - INFO - Chain [1] start processing
00:28:39 - cmdstanpy - INFO - Chain [1] done processing
00:28:39 - cmdstanpy - INFO - Chain [1] start processing
00:28:39 - cmdstanpy - INFO - Chain [1] done processing
00:28:39 - cmdstanpy - INFO - Chain [1] start processing
00:28:39 - cmdstanpy - INFO - Chain [1] done processing
00:28:40 - cmdstanpy - INFO - Chain [1] start processing
00:28:40 - cmdstanpy - INFO - Chain [1] done processing
00:28:40 - cmdstanpy - INFO - Chain [1] start processing
00:28:40 - cmdstanpy - INFO - Chain [1] done processing
00:28:41 - cmdstanpy - INFO - Chain [1] start processing
00:28:41 - cmdstanpy - INFO - Chain [1] done processing
00:28:41 - cmdstanpy - INFO - Chain [1] start processing
00:28:41 - cmdstanpy - INFO - Chain [1] done processing
00:28:41 - cmdstanpy - INFO - Chain [1] start processing
00:28:41 - cmdstanpy - INFO - Chain [1] done processing
00:28:42 - cmdstanpy - INFO - Chain [1] start processing
00:28:42 - cmdstanpy - INFO - Chain [1] done processing
00:28:42 - cmdstanpy - INFO - Chain [1] start processing
00:28:42 - cmdstanpy - INFO - Chain [1] done processing
00:28:42 - cmdstanpy - INFO - Chain [1] start processing
00:28:42 - cmdstanpy - INFO - Chain [1] done processing
00:28:43 - cmdstanpy - INFO - Chain [1] start processing
00:28:43 - cmdstanpy - INFO - Chain [1] done processing
00:28:43 - cmdstanpy - INFO - Chain [1] start processing
00:28:43 - cmdstanpy - INFO - Chain [1] done processing
00:28:43 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:28:44 - cmdstanpy - INFO - Chain [1] done processing
00:28:44 - cmdstanpy - INFO - Chain [1] start processing
00:28:44 - cmdstanpy - INFO - Chain [1] done processing
00:28:44 - cmdstanpy - INFO - Chain [1] start processing
00:28:44 - cmdstanpy - INFO - Chain [1] done processing
00:28:45 - cmdstanpy - INFO - Chain [1] start processing
00:28:45 - cmdstanpy - INFO - Chain [1] done processing
00:28:45 - cmdstanpy - INFO - Chain [1] start processing
00:28:45 - cmdstanpy - INFO - Chain [1] done processing
00:28:46 - cmdstanpy - INFO - Chain [1] start processing
00:28:46 - cmdstanpy - INFO - Chain [1] done processing
00:28:46 - cmdstanpy - INFO - Chain [1] start processing
00:28:46 - cmdstanpy - INFO - Chain [1] done processing
00:28:47 - cmdstanpy - INFO - Chain [1] start processing
00:28:47 - cmdstanpy - INFO - Chain [1] done processing
00:28:47 - cmdstanpy - INFO - Chain [1] start processing
00:28:47 - cmdstanpy - INFO - Chain [1] done processing
00:28:48 - cmdstanpy - INFO - Chain [1] start processing
00:28:48 - cmdstanpy - INFO - Chain [1] done processing
00:28:48 - cmdstanpy - INFO - Chain [1] start processing
00:28:48 - cmdstanpy - INFO - Chain [1] done processing
00:28:48 - cmdstanpy - INFO - Chain [1] start processing
00:28:48 - cmdstanpy - INFO - Chain [1] done processing
00:28:49 - cmdstanpy - INFO - Chain [1] start processing
00:28:49 - cmdstanpy - INFO - Chain [1] done processing
00:28:49 - cmdstanpy - INFO - Chain [1] start processing
00:28:49 - cmdstanpy - INFO - Chain [1] done processing
00:28:49 - cmdstanpy - INFO - Chain [1] start processing
00:28:49 - cmdstanpy - INFO - Chain [1] done processing
00:28:50 - cmdstanpy - INFO - Chain [1] start processing
00:28:50 - cmdstanpy - INFO - Chain [1] done processing
00:28:50 - cmdstanpy - INFO - Chain [1] start processing
00:28:50 - cmdstanpy - INFO - Chain [1] done processing
00:28:50 - cmdstanpy - INFO - Chain [1] start processing
00:28:50 - cmdstanpy - INFO - Chain [1] done processing
00:28:51 - cmdstanpy - INFO - Chain [1] start processing
00:28:51 - cmdstanpy - INFO - Chain [1] done processing
00:28:51 - cmdstanpy - INFO - Chain [1] start processing
00:28:51 - cmdstanpy - INFO - Chain [1] done processing
00:28:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:28:51 - cmdstanpy - INFO - Chain [1] start processing
00:28:52 - cmdstanpy - INFO - Chain [1] done processing
00:28:52 - cmdstanpy - INFO - Chain [1] start processing
00:28:52 - cmdstanpy - INFO - Chain [1] done processing
00:28:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:28:52 - cmdstanpy - INFO - Chain [1] start processing
00:28:52 - cmdstanpy - INFO - Chain [1] done processing
00:28:52 - cmdstanpy - INFO - Chain [1] start processing
00:28:53 - cmdstanpy - INFO - Chain [1] done processing
00:28:53 - cmdstanpy - INFO - Chain [1] start processing
00:28:53 - cmdstanpy - INFO - Chain [1] done processing
00:28:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:28:53 - cmdstanpy - INFO - Chain [1] start processing
00:28:54 - cmdstanpy - INFO - Chain [1] done processing
00:28:54 - cmdstanpy - INFO - Chain [1] start processing
00:28:54 - cmdstanpy - INFO - Chain [1] done processing
00:28:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:28:54 - cmdstanpy - INFO - Chain [1] start processing
00:28:54 - cmdstanpy - INFO - Chain [1] done processing
00:28:55 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:28:55 - cmdstanpy - INFO - Chain [1] done processing
00:28:55 - cmdstanpy - INFO - Chain [1] start processing
00:28:55 - cmdstanpy - INFO - Chain [1] done processing
00:28:55 - cmdstanpy - INFO - Chain [1] start processing
00:28:55 - cmdstanpy - INFO - Chain [1] done processing
00:28:56 - cmdstanpy - INFO - Chain [1] start processing
00:28:56 - cmdstanpy - INFO - Chain [1] done processing
00:28:56 - cmdstanpy - INFO - Chain [1] start processing
00:28:56 - cmdstanpy - INFO - Chain [1] done processing
00:28:57 - cmdstanpy - INFO - Chain [1] start processing
00:28:57 - cmdstanpy - INFO - Chain [1] done processing
00:28:57 - cmdstanpy - INFO - Chain [1] start processing
00:28:57 - cmdstanpy - INFO - Chain [1] done processing
00:28:57 - cmdstanpy - INFO - Chain [1] start processing
00:28:57 - cmdstanpy - INFO - Chain [1] done processing
00:28:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:28:57 - cmdstanpy - INFO - Chain [1] start processing
00:28:57 - cmdstanpy - INFO - Chain [1] done processing
00:28:58 - cmdstanpy - INFO - Chain [1] start processing
00:28:58 - cmdstanpy - INFO - Chain [1] done processing
00:28:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:28:58 - cmdstanpy - INFO - Chain [1] start processing
00:28:58 - cmdstanpy - INFO - Chain [1] done processing
00:28:58 - cmdstanpy - INFO - Chain [1] start processing
00:28:58 - cmdstanpy - INFO - Chain [1] done processing
00:28:59 - cmdstanpy - INFO - Chain [1] start processing
00:28:59 - cmdstanpy - INFO - Chain [1] done processing
00:28:59 - cmdstanpy - INFO - Chain [1] start processing
00:28:59 - cmdstanpy - INFO - Chain [1] done processing
00:28:59 - cmdstanpy - INFO - Chain [1] start processing
00:28:59 - cmdstanpy - INFO - Chain [1] done processing
00:29:00 - cmdstanpy - INFO - Chain [1] start processing
00:29:00 - cmdstanpy - INFO - Chain [1] done processing
00:29:00 - cmdstanpy - INFO - Chain [1] start processing
00:29:00 - cmdstanpy - INFO - Chain [1] done processing
00:29:00 - cmdstanpy - INFO - Chain [1] start processing
00:29:00 - cmdstanpy - INFO - Chain [1] done processing
00:29:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:01 - cmdstanpy - INFO - Chain [1] start processing
00:29:01 - cmdstanpy - INFO - Chain [1] done processing
00:29:01 - cmdstanpy - INFO - Chain [1] start processing
00:29:01 - cmdstanpy - INFO - Chain [1] done processing
00:29:01 - cmdstanpy - INFO - Chain [1] start processing
00:29:01 - cmdstanpy - INFO - Chain [1] done processing
00:29:02 - cmdstanpy - INFO - Chain [1] start processing
00:29:02 - cmdstanpy - INFO - Chain [1] done processing
00:29:02 - cmdstanpy - INFO - Chain [1] start processing
00:29:02 - cmdstanpy - INFO - Chain [1] done processing
00:29:03 - cmdstanpy - INFO - Chain [1] start processing
00:29:03 - cmdstanpy - INFO - Chain [1] done processing
00:29:03 - cmdstanpy - INFO - Chain [1] start processing
00:29:03 - cmdstanpy - INFO - Chain [1] done processing
00:29:04 - cmdstanpy - INFO - Chain [1] start processing
00:29:04 - cmdstanpy - INFO - Chain [1] done processing
00:29:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:04 - cmdstanpy - INFO - Chain [1] start processing
00:29:04 - cmdstanpy - INFO - Chain [1] done processing
00:29:05 - cmdstanpy - INFO - Chain [1] start processing
00:29:05 - cmdstanpy - INFO - Chain [1] done processing
00:29:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:29:05 - cmdstanpy - INFO - Chain [1] done processing
00:29:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:05 - cmdstanpy - INFO - Chain [1] start processing
00:29:05 - cmdstanpy - INFO - Chain [1] done processing
00:29:06 - cmdstanpy - INFO - Chain [1] start processing
00:29:06 - cmdstanpy - INFO - Chain [1] done processing
00:29:06 - cmdstanpy - INFO - Chain [1] start processing
00:29:06 - cmdstanpy - INFO - Chain [1] done processing
00:29:06 - cmdstanpy - INFO - Chain [1] start processing
00:29:06 - cmdstanpy - INFO - Chain [1] done processing
00:29:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:06 - cmdstanpy - INFO - Chain [1] start processing
00:29:07 - cmdstanpy - INFO - Chain [1] done processing
00:29:07 - cmdstanpy - INFO - Chain [1] start processing
00:29:07 - cmdstanpy - INFO - Chain [1] done processing
00:29:07 - cmdstanpy - INFO - Chain [1] start processing
00:29:07 - cmdstanpy - INFO - Chain [1] done processing
00:29:08 - cmdstanpy - INFO - Chain [1] start processing
00:29:08 - cmdstanpy - INFO - Chain [1] done processing
00:29:08 - cmdstanpy - INFO - Chain [1] start processing
00:29:08 - cmdstanpy - INFO - Chain [1] done processing
00:29:08 - cmdstanpy - INFO - Chain [1] start processing
00:29:08 - cmdstanpy - INFO - Chain [1] done processing
00:29:09 - cmdstanpy - INFO - Chain [1] start processing
00:29:09 - cmdstanpy - INFO - Chain [1] done processing
00:29:09 - cmdstanpy - INFO - Chain [1] start processing
00:29:09 - cmdstanpy - INFO - Chain [1] done processing
00:29:10 - cmdstanpy - INFO - Chain [1] start processing
00:29:10 - cmdstanpy - INFO - Chain [1] done processing
00:29:10 - cmdstanpy - INFO - Chain [1] start processing
00:29:10 - cmdstanpy - INFO - Chain [1] done processing
00:29:10 - cmdstanpy - INFO - Chain [1] start processing
00:29:10 - cmdstanpy - INFO - Chain [1] done processing
00:29:11 - cmdstanpy - INFO - Chain [1] start processing
00:29:11 - cmdstanpy - INFO - Chain [1] done processing
00:29:11 - cmdstanpy - INFO - Chain [1] start processing
00:29:11 - cmdstanpy - INFO - Chain [1] done processing
00:29:11 - cmdstanpy - INFO - Chain [1] start processing
00:29:11 - cmdstanpy - INFO - Chain [1] done processing
00:29:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:11 - cmdstanpy - INFO - Chain [1] start processing
00:29:12 - cmdstanpy - INFO - Chain [1] done processing
00:29:12 - cmdstanpy - INFO - Chain [1] start processing
00:29:12 - cmdstanpy - INFO - Chain [1] done processing
00:29:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:12 - cmdstanpy - INFO - Chain [1] start processing
00:29:12 - cmdstanpy - INFO - Chain [1] done processing
00:29:13 - cmdstanpy - INFO - Chain [1] start processing
00:29:13 - cmdstanpy - INFO - Chain [1] done processing
00:29:13 - cmdstanpy - INFO - Chain [1] start processing
00:29:13 - cmdstanpy - INFO - Chain [1] done processing
00:29:13 - cmdstanpy - INFO - Chain [1] start processing
00:29:13 - cmdstanpy - INFO - Chain [1] done processing
00:29:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:13 - cmdstanpy - INFO - Chain [1] start processing
00:29:13 - cmdstanpy - INFO - Chain [1] done processing
00:29:14 - cmdstanpy - INFO - Chain [1] start processing
00:29:14 - cmdstanpy - INFO - Chain [1] done processing
00:29:14 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:29:14 - cmdstanpy - INFO - Chain [1] done processing
00:29:14 - cmdstanpy - INFO - Chain [1] start processing
00:29:14 - cmdstanpy - INFO - Chain [1] done processing
00:29:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:14 - cmdstanpy - INFO - Chain [1] start processing
00:29:15 - cmdstanpy - INFO - Chain [1] done processing
00:29:15 - cmdstanpy - INFO - Chain [1] start processing
00:29:15 - cmdstanpy - INFO - Chain [1] done processing
00:29:15 - cmdstanpy - INFO - Chain [1] start processing
00:29:15 - cmdstanpy - INFO - Chain [1] done processing
00:29:16 - cmdstanpy - INFO - Chain [1] start processing
00:29:16 - cmdstanpy - INFO - Chain [1] done processing
00:29:16 - cmdstanpy - INFO - Chain [1] start processing
00:29:16 - cmdstanpy - INFO - Chain [1] done processing
00:29:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:16 - cmdstanpy - INFO - Chain [1] start processing
00:29:16 - cmdstanpy - INFO - Chain [1] done processing
00:29:17 - cmdstanpy - INFO - Chain [1] start processing
00:29:17 - cmdstanpy - INFO - Chain [1] done processing
00:29:17 - cmdstanpy - INFO - Chain [1] start processing
00:29:17 - cmdstanpy - INFO - Chain [1] done processing
00:29:17 - cmdstanpy - INFO - Chain [1] start processing
00:29:17 - cmdstanpy - INFO - Chain [1] done processing
00:29:18 - cmdstanpy - INFO - Chain [1] start processing
00:29:18 - cmdstanpy - INFO - Chain [1] done processing
00:29:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:18 - cmdstanpy - INFO - Chain [1] start processing
00:29:18 - cmdstanpy - INFO - Chain [1] done processing
00:29:18 - cmdstanpy - INFO - Chain [1] start processing
00:29:18 - cmdstanpy - INFO - Chain [1] done processing
00:29:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:18 - cmdstanpy - INFO - Chain [1] start processing
00:29:19 - cmdstanpy - INFO - Chain [1] done processing
00:29:19 - cmdstanpy - INFO - Chain [1] start processing
00:29:19 - cmdstanpy - INFO - Chain [1] done processing
00:29:19 - cmdstanpy - INFO - Chain [1] start processing
00:29:19 - cmdstanpy - INFO - Chain [1] done processing
00:29:20 - cmdstanpy - INFO - Chain [1] start processing
00:29:20 - cmdstanpy - INFO - Chain [1] done processing
00:29:20 - cmdstanpy - INFO - Chain [1] start processing
00:29:20 - cmdstanpy - INFO - Chain [1] done processing
00:29:21 - cmdstanpy - INFO - Chain [1] start processing
00:29:21 - cmdstanpy - INFO - Chain [1] done processing
00:29:21 - cmdstanpy - INFO - Chain [1] start processing
00:29:21 - cmdstanpy - INFO - Chain [1] done processing
00:29:21 - cmdstanpy - INFO - Chain [1] start processing
00:29:21 - cmdstanpy - INFO - Chain [1] done processing
00:29:22 - cmdstanpy - INFO - Chain [1] start processing
00:29:22 - cmdstanpy - INFO - Chain [1] done processing
00:29:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:22 - cmdstanpy - INFO - Chain [1] start processing
00:29:22 - cmdstanpy - INFO - Chain [1] done processing
00:29:22 - cmdstanpy - INFO - Chain [1] start processing
00:29:22 - cmdstanpy - INFO - Chain [1] done processing
00:29:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:22 - cmdstanpy - INFO - Chain [1] start processing
00:29:22 - cmdstanpy - INFO - Chain [1] done processing
00:29:23 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:29:23 - cmdstanpy - INFO - Chain [1] done processing
00:29:23 - cmdstanpy - INFO - Chain [1] start processing
00:29:23 - cmdstanpy - INFO - Chain [1] done processing
00:29:24 - cmdstanpy - INFO - Chain [1] start processing
00:29:24 - cmdstanpy - INFO - Chain [1] done processing
00:29:24 - cmdstanpy - INFO - Chain [1] start processing
00:29:24 - cmdstanpy - INFO - Chain [1] done processing
00:29:24 - cmdstanpy - INFO - Chain [1] start processing
00:29:25 - cmdstanpy - INFO - Chain [1] done processing
00:29:25 - cmdstanpy - INFO - Chain [1] start processing
00:29:25 - cmdstanpy - INFO - Chain [1] done processing
00:29:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:25 - cmdstanpy - INFO - Chain [1] start processing
00:29:25 - cmdstanpy - INFO - Chain [1] done processing
00:29:25 - cmdstanpy - INFO - Chain [1] start processing
00:29:25 - cmdstanpy - INFO - Chain [1] done processing
00:29:26 - cmdstanpy - INFO - Chain [1] start processing
00:29:26 - cmdstanpy - INFO - Chain [1] done processing
00:29:26 - cmdstanpy - INFO - Chain [1] start processing
00:29:26 - cmdstanpy - INFO - Chain [1] done processing
00:29:27 - cmdstanpy - INFO - Chain [1] start processing
00:29:27 - cmdstanpy - INFO - Chain [1] done processing
00:29:27 - cmdstanpy - INFO - Chain [1] start processing
00:29:27 - cmdstanpy - INFO - Chain [1] done processing
00:29:27 - cmdstanpy - INFO - Chain [1] start processing
00:29:27 - cmdstanpy - INFO - Chain [1] done processing
00:29:28 - cmdstanpy - INFO - Chain [1] start processing
00:29:28 - cmdstanpy - INFO - Chain [1] done processing
00:29:28 - cmdstanpy - INFO - Chain [1] start processing
00:29:28 - cmdstanpy - INFO - Chain [1] done processing
00:29:29 - cmdstanpy - INFO - Chain [1] start processing
00:29:29 - cmdstanpy - INFO - Chain [1] done processing
00:29:29 - cmdstanpy - INFO - Chain [1] start processing
00:29:29 - cmdstanpy - INFO - Chain [1] done processing
00:29:29 - cmdstanpy - INFO - Chain [1] start processing
00:29:29 - cmdstanpy - INFO - Chain [1] done processing
00:29:30 - cmdstanpy - INFO - Chain [1] start processing
00:29:30 - cmdstanpy - INFO - Chain [1] done processing
00:29:30 - cmdstanpy - INFO - Chain [1] start processing
00:29:30 - cmdstanpy - INFO - Chain [1] done processing
00:29:30 - cmdstanpy - INFO - Chain [1] start processing
00:29:30 - cmdstanpy - INFO - Chain [1] done processing
00:29:31 - cmdstanpy - INFO - Chain [1] start processing
00:29:31 - cmdstanpy - INFO - Chain [1] done processing
00:29:31 - cmdstanpy - INFO - Chain [1] start processing
00:29:31 - cmdstanpy - INFO - Chain [1] done processing
00:29:32 - cmdstanpy - INFO - Chain [1] start processing
00:29:32 - cmdstanpy - INFO - Chain [1] done processing
00:29:32 - cmdstanpy - INFO - Chain [1] start processing
00:29:32 - cmdstanpy - INFO - Chain [1] done processing
00:29:33 - cmdstanpy - INFO - Chain [1] start processing
00:29:33 - cmdstanpy - INFO - Chain [1] done processing
00:29:33 - cmdstanpy - INFO - Chain [1] start processing
00:29:33 - cmdstanpy - INFO - Chain [1] done processing
00:29:34 - cmdstanpy - INFO - Chain [1] start processing
00:29:34 - cmdstanpy - INFO - Chain [1] done processing
00:29:34 - cmdstanpy - INFO - Chain [1] start processing
00:29:34 - cmdstanpy - INFO - Chain [1] done processing
00:29:35 - cmdstanpy - INFO - Chain [1] start processing
00:29:35 - cmdstanpy - INFO - Chain [1] done processing
00:29:35 - cmdstanpy - INFO - Chain [1] start processing
00:29:35 - cmdstanpy - INFO - Chain [1] done processing
00:29:36 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:29:36 - cmdstanpy - INFO - Chain [1] done processing
00:29:36 - cmdstanpy - INFO - Chain [1] start processing
00:29:36 - cmdstanpy - INFO - Chain [1] done processing
00:29:37 - cmdstanpy - INFO - Chain [1] start processing
00:29:37 - cmdstanpy - INFO - Chain [1] done processing
00:29:37 - cmdstanpy - INFO - Chain [1] start processing
00:29:37 - cmdstanpy - INFO - Chain [1] done processing
00:29:38 - cmdstanpy - INFO - Chain [1] start processing
00:29:38 - cmdstanpy - INFO - Chain [1] done processing
00:29:39 - cmdstanpy - INFO - Chain [1] start processing
00:29:39 - cmdstanpy - INFO - Chain [1] done processing
00:29:39 - cmdstanpy - INFO - Chain [1] start processing
00:29:39 - cmdstanpy - INFO - Chain [1] done processing
00:29:39 - cmdstanpy - INFO - Chain [1] start processing
00:29:40 - cmdstanpy - INFO - Chain [1] done processing
00:29:40 - cmdstanpy - INFO - Chain [1] start processing
00:29:40 - cmdstanpy - INFO - Chain [1] done processing
00:29:41 - cmdstanpy - INFO - Chain [1] start processing
00:29:41 - cmdstanpy - INFO - Chain [1] done processing
00:29:42 - cmdstanpy - INFO - Chain [1] start processing
00:29:42 - cmdstanpy - INFO - Chain [1] done processing
00:29:43 - cmdstanpy - INFO - Chain [1] start processing
00:29:43 - cmdstanpy - INFO - Chain [1] done processing
00:29:43 - cmdstanpy - INFO - Chain [1] start processing
00:29:43 - cmdstanpy - INFO - Chain [1] done processing
00:29:43 - cmdstanpy - INFO - Chain [1] start processing
00:29:44 - cmdstanpy - INFO - Chain [1] done processing
00:29:44 - cmdstanpy - INFO - Chain [1] start processing
00:29:44 - cmdstanpy - INFO - Chain [1] done processing
00:29:44 - cmdstanpy - INFO - Chain [1] start processing
00:29:44 - cmdstanpy - INFO - Chain [1] done processing
00:29:45 - cmdstanpy - INFO - Chain [1] start processing
00:29:45 - cmdstanpy - INFO - Chain [1] done processing
00:29:45 - cmdstanpy - INFO - Chain [1] start processing
00:29:45 - cmdstanpy - INFO - Chain [1] done processing
00:29:46 - cmdstanpy - INFO - Chain [1] start processing
00:29:46 - cmdstanpy - INFO - Chain [1] done processing
00:29:46 - cmdstanpy - INFO - Chain [1] start processing
00:29:46 - cmdstanpy - INFO - Chain [1] done processing
00:29:47 - cmdstanpy - INFO - Chain [1] start processing
00:29:47 - cmdstanpy - INFO - Chain [1] done processing
00:29:47 - cmdstanpy - INFO - Chain [1] start processing
00:29:47 - cmdstanpy - INFO - Chain [1] done processing
00:29:48 - cmdstanpy - INFO - Chain [1] start processing
00:29:48 - cmdstanpy - INFO - Chain [1] done processing
00:29:48 - cmdstanpy - INFO - Chain [1] start processing
00:29:48 - cmdstanpy - INFO - Chain [1] done processing
00:29:48 - cmdstanpy - INFO - Chain [1] start processing
00:29:49 - cmdstanpy - INFO - Chain [1] done processing
00:29:49 - cmdstanpy - INFO - Chain [1] start processing
00:29:49 - cmdstanpy - INFO - Chain [1] done processing
00:29:49 - cmdstanpy - INFO - Chain [1] start processing
00:29:49 - cmdstanpy - INFO - Chain [1] done processing
00:29:50 - cmdstanpy - INFO - Chain [1] start processing
00:29:50 - cmdstanpy - INFO - Chain [1] done processing
00:29:50 - cmdstanpy - INFO - Chain [1] start processing
00:29:50 - cmdstanpy - INFO - Chain [1] done processing
00:29:50 - cmdstanpy - INFO - Chain [1] start processing
00:29:50 - cmdstanpy - INFO - Chain [1] done processing
00:29:51 - cmdstanpy - INFO - Chain [1] start processing
00:29:51 - cmdstanpy - INFO - Chain [1] done processing
00:29:51 - cmdstanpy - INFO - Chain [1] start processing
00:29:51 - cmdstanpy - INFO - Chain [1] done processing
00:29:52 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:29:52 - cmdstanpy - INFO - Chain [1] done processing
00:29:52 - cmdstanpy - INFO - Chain [1] start processing
00:29:52 - cmdstanpy - INFO - Chain [1] done processing
00:29:53 - cmdstanpy - INFO - Chain [1] start processing
00:29:53 - cmdstanpy - INFO - Chain [1] done processing
00:29:53 - cmdstanpy - INFO - Chain [1] start processing
00:29:53 - cmdstanpy - INFO - Chain [1] done processing
00:29:53 - cmdstanpy - INFO - Chain [1] start processing
00:29:54 - cmdstanpy - INFO - Chain [1] done processing
00:29:54 - cmdstanpy - INFO - Chain [1] start processing
00:29:54 - cmdstanpy - INFO - Chain [1] done processing
00:29:54 - cmdstanpy - INFO - Chain [1] start processing
00:29:54 - cmdstanpy - INFO - Chain [1] done processing
00:29:55 - cmdstanpy - INFO - Chain [1] start processing
00:29:55 - cmdstanpy - INFO - Chain [1] done processing
00:29:55 - cmdstanpy - INFO - Chain [1] start processing
00:29:55 - cmdstanpy - INFO - Chain [1] done processing
00:29:55 - cmdstanpy - INFO - Chain [1] start processing
00:29:55 - cmdstanpy - INFO - Chain [1] done processing
00:29:56 - cmdstanpy - INFO - Chain [1] start processing
00:29:56 - cmdstanpy - INFO - Chain [1] done processing
00:29:56 - cmdstanpy - INFO - Chain [1] start processing
00:29:56 - cmdstanpy - INFO - Chain [1] done processing
00:29:56 - cmdstanpy - INFO - Chain [1] start processing
00:29:56 - cmdstanpy - INFO - Chain [1] done processing
00:29:57 - cmdstanpy - INFO - Chain [1] start processing
00:29:57 - cmdstanpy - INFO - Chain [1] done processing
00:29:57 - cmdstanpy - INFO - Chain [1] start processing
00:29:57 - cmdstanpy - INFO - Chain [1] done processing
00:29:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:29:57 - cmdstanpy - INFO - Chain [1] start processing
00:29:57 - cmdstanpy - INFO - Chain [1] done processing
00:29:57 - cmdstanpy - INFO - Chain [1] start processing
00:29:57 - cmdstanpy - INFO - Chain [1] done processing
00:29:58 - cmdstanpy - INFO - Chain [1] start processing
00:29:58 - cmdstanpy - INFO - Chain [1] done processing
00:29:58 - cmdstanpy - INFO - Chain [1] start processing
00:29:58 - cmdstanpy - INFO - Chain [1] done processing
00:29:58 - cmdstanpy - INFO - Chain [1] start processing
00:29:58 - cmdstanpy - INFO - Chain [1] done processing
00:29:59 - cmdstanpy - INFO - Chain [1] start processing
00:29:59 - cmdstanpy - INFO - Chain [1] done processing
00:29:59 - cmdstanpy - INFO - Chain [1] start processing
00:29:59 - cmdstanpy - INFO - Chain [1] done processing
00:29:59 - cmdstanpy - INFO - Chain [1] start processing
00:30:00 - cmdstanpy - INFO - Chain [1] done processing
00:30:00 - cmdstanpy - INFO - Chain [1] start processing
00:30:00 - cmdstanpy - INFO - Chain [1] done processing
00:30:00 - cmdstanpy - INFO - Chain [1] start processing
00:30:00 - cmdstanpy - INFO - Chain [1] done processing
00:30:01 - cmdstanpy - INFO - Chain [1] start processing
00:30:01 - cmdstanpy - INFO - Chain [1] done processing
00:30:01 - cmdstanpy - INFO - Chain [1] start processing
00:30:01 - cmdstanpy - INFO - Chain [1] done processing
00:30:01 - cmdstanpy - INFO - Chain [1] start processing
00:30:01 - cmdstanpy - INFO - Chain [1] done processing
00:30:02 - cmdstanpy - INFO - Chain [1] start processing
00:30:02 - cmdstanpy - INFO - Chain [1] done processing
00:30:02 - cmdstanpy - INFO - Chain [1] start processing
00:30:02 - cmdstanpy - INFO - Chain [1] done processing
00:30:02 - cmdstanpy - INFO - Chain [1] start processing
00:30:03 - cmdstanpy - INFO - Chain [1] done processing
00:30:03 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:30:03 - cmdstanpy - INFO - Chain [1] done processing
00:30:03 - cmdstanpy - INFO - Chain [1] start processing
00:30:03 - cmdstanpy - INFO - Chain [1] done processing
00:30:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:30:03 - cmdstanpy - INFO - Chain [1] start processing
00:30:03 - cmdstanpy - INFO - Chain [1] done processing
00:30:04 - cmdstanpy - INFO - Chain [1] start processing
00:30:04 - cmdstanpy - INFO - Chain [1] done processing
00:30:04 - cmdstanpy - INFO - Chain [1] start processing
00:30:04 - cmdstanpy - INFO - Chain [1] done processing
00:30:04 - cmdstanpy - INFO - Chain [1] start processing
00:30:05 - cmdstanpy - INFO - Chain [1] done processing
00:30:05 - cmdstanpy - INFO - Chain [1] start processing
00:30:05 - cmdstanpy - INFO - Chain [1] done processing
00:30:05 - cmdstanpy - INFO - Chain [1] start processing
00:30:05 - cmdstanpy - INFO - Chain [1] done processing
00:30:06 - cmdstanpy - INFO - Chain [1] start processing
00:30:06 - cmdstanpy - INFO - Chain [1] done processing
00:30:06 - cmdstanpy - INFO - Chain [1] start processing
00:30:06 - cmdstanpy - INFO - Chain [1] done processing
00:30:06 - cmdstanpy - INFO - Chain [1] start processing
00:30:06 - cmdstanpy - INFO - Chain [1] done processing
00:30:07 - cmdstanpy - INFO - Chain [1] start processing
00:30:07 - cmdstanpy - INFO - Chain [1] done processing
00:30:07 - cmdstanpy - INFO - Chain [1] start processing
00:30:07 - cmdstanpy - INFO - Chain [1] done processing
00:30:07 - cmdstanpy - INFO - Chain [1] start processing
00:30:07 - cmdstanpy - INFO - Chain [1] done processing
00:30:08 - cmdstanpy - INFO - Chain [1] start processing
00:30:08 - cmdstanpy - INFO - Chain [1] done processing
00:30:08 - cmdstanpy - INFO - Chain [1] start processing
00:30:08 - cmdstanpy - INFO - Chain [1] done processing
00:30:08 - cmdstanpy - INFO - Chain [1] start processing
00:30:08 - cmdstanpy - INFO - Chain [1] done processing
00:30:09 - cmdstanpy - INFO - Chain [1] start processing
00:30:09 - cmdstanpy - INFO - Chain [1] done processing
00:30:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:30:09 - cmdstanpy - INFO - Chain [1] start processing
00:30:09 - cmdstanpy - INFO - Chain [1] done processing
00:30:09 - cmdstanpy - INFO - Chain [1] start processing
00:30:09 - cmdstanpy - INFO - Chain [1] done processing
00:30:10 - cmdstanpy - INFO - Chain [1] start processing
00:30:10 - cmdstanpy - INFO - Chain [1] done processing
00:30:10 - cmdstanpy - INFO - Chain [1] start processing
00:30:10 - cmdstanpy - INFO - Chain [1] done processing
00:30:10 - cmdstanpy - INFO - Chain [1] start processing
00:30:10 - cmdstanpy - INFO - Chain [1] done processing
00:30:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:30:10 - cmdstanpy - INFO - Chain [1] start processing
00:30:11 - cmdstanpy - INFO - Chain [1] done processing
00:30:11 - cmdstanpy - INFO - Chain [1] start processing
00:30:11 - cmdstanpy - INFO - Chain [1] done processing
00:30:11 - cmdstanpy - INFO - Chain [1] start processing
00:30:11 - cmdstanpy - INFO - Chain [1] done processing
00:30:12 - cmdstanpy - INFO - Chain [1] start processing
00:30:12 - cmdstanpy - INFO - Chain [1] done processing
00:30:12 - cmdstanpy - INFO - Chain [1] start processing
00:30:12 - cmdstanpy - INFO - Chain [1] done processing
00:30:13 - cmdstanpy - INFO - Chain [1] start processing
00:30:13 - cmdstanpy - INFO - Chain [1] done processing
00:30:13 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:30:13 - cmdstanpy - INFO - Chain [1] done processing
00:30:13 - cmdstanpy - INFO - Chain [1] start processing
00:30:14 - cmdstanpy - INFO - Chain [1] done processing
00:30:14 - cmdstanpy - INFO - Chain [1] start processing
00:30:14 - cmdstanpy - INFO - Chain [1] done processing
00:30:14 - cmdstanpy - INFO - Chain [1] start processing
00:30:14 - cmdstanpy - INFO - Chain [1] done processing
00:30:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:30:14 - cmdstanpy - INFO - Chain [1] start processing
00:30:15 - cmdstanpy - INFO - Chain [1] done processing
00:30:15 - cmdstanpy - INFO - Chain [1] start processing
00:30:15 - cmdstanpy - INFO - Chain [1] done processing
00:30:15 - cmdstanpy - INFO - Chain [1] start processing
00:30:15 - cmdstanpy - INFO - Chain [1] done processing
00:30:16 - cmdstanpy - INFO - Chain [1] start processing
00:30:16 - cmdstanpy - INFO - Chain [1] done processing
00:30:16 - cmdstanpy - INFO - Chain [1] start processing
00:30:16 - cmdstanpy - INFO - Chain [1] done processing
00:30:16 - cmdstanpy - INFO - Chain [1] start processing
00:30:16 - cmdstanpy - INFO - Chain [1] done processing
00:30:17 - cmdstanpy - INFO - Chain [1] start processing
00:30:17 - cmdstanpy - INFO - Chain [1] done processing
00:30:17 - cmdstanpy - INFO - Chain [1] start processing
00:30:17 - cmdstanpy - INFO - Chain [1] done processing
00:30:17 - cmdstanpy - INFO - Chain [1] start processing
00:30:17 - cmdstanpy - INFO - Chain [1] done processing
00:30:18 - cmdstanpy - INFO - Chain [1] start processing
00:30:18 - cmdstanpy - INFO - Chain [1] done processing
00:30:18 - cmdstanpy - INFO - Chain [1] start processing
00:30:18 - cmdstanpy - INFO - Chain [1] done processing
00:30:18 - cmdstanpy - INFO - Chain [1] start processing
00:30:18 - cmdstanpy - INFO - Chain [1] done processing
00:30:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:30:18 - cmdstanpy - INFO - Chain [1] start processing
00:30:19 - cmdstanpy - INFO - Chain [1] done processing
00:30:19 - cmdstanpy - INFO - Chain [1] start processing
00:30:19 - cmdstanpy - INFO - Chain [1] done processing
00:30:19 - cmdstanpy - INFO - Chain [1] start processing
00:30:20 - cmdstanpy - INFO - Chain [1] done processing
00:30:20 - cmdstanpy - INFO - Chain [1] start processing
00:30:20 - cmdstanpy - INFO - Chain [1] done processing
00:30:20 - cmdstanpy - INFO - Chain [1] start processing
00:30:20 - cmdstanpy - INFO - Chain [1] done processing
00:30:21 - cmdstanpy - INFO - Chain [1] start processing
00:30:21 - cmdstanpy - INFO - Chain [1] done processing
00:30:21 - cmdstanpy - INFO - Chain [1] start processing
00:30:21 - cmdstanpy - INFO - Chain [1] done processing
00:30:22 - cmdstanpy - INFO - Chain [1] start processing
00:30:22 - cmdstanpy - INFO - Chain [1] done processing
00:30:22 - cmdstanpy - INFO - Chain [1] start processing
00:30:22 - cmdstanpy - INFO - Chain [1] done processing
00:30:22 - cmdstanpy - INFO - Chain [1] start processing
00:30:22 - cmdstanpy - INFO - Chain [1] done processing
00:30:23 - cmdstanpy - INFO - Chain [1] start processing
00:30:23 - cmdstanpy - INFO - Chain [1] done processing
00:30:23 - cmdstanpy - INFO - Chain [1] start processing
00:30:23 - cmdstanpy - INFO - Chain [1] done processing
00:30:24 - cmdstanpy - INFO - Chain [1] start processing
00:30:24 - cmdstanpy - INFO - Chain [1] done processing
00:30:25 - cmdstanpy - INFO - Chain [1] start processing
00:30:25 - cmdstanpy - INFO - Chain [1] done processing
00:30:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:30:25 - cmdstanpy - INFO - Chain [1] done processing
00:30:26 - cmdstanpy - INFO - Chain [1] start processing
00:30:26 - cmdstanpy - INFO - Chain [1] done processing
00:30:26 - cmdstanpy - INFO - Chain [1] start processing
00:30:26 - cmdstanpy - INFO - Chain [1] done processing
00:30:27 - cmdstanpy - INFO - Chain [1] start processing
00:30:27 - cmdstanpy - INFO - Chain [1] done processing
00:30:28 - cmdstanpy - INFO - Chain [1] start processing
00:30:28 - cmdstanpy - INFO - Chain [1] done processing
00:30:28 - cmdstanpy - INFO - Chain [1] start processing
00:30:28 - cmdstanpy - INFO - Chain [1] done processing
00:30:28 - cmdstanpy - INFO - Chain [1] start processing
00:30:28 - cmdstanpy - INFO - Chain [1] done processing
00:30:29 - cmdstanpy - INFO - Chain [1] start processing
00:30:29 - cmdstanpy - INFO - Chain [1] done processing
00:30:29 - cmdstanpy - INFO - Chain [1] start processing
00:30:29 - cmdstanpy - INFO - Chain [1] done processing
00:30:29 - cmdstanpy - INFO - Chain [1] start processing
00:30:30 - cmdstanpy - INFO - Chain [1] done processing
00:30:30 - cmdstanpy - INFO - Chain [1] start processing
00:30:30 - cmdstanpy - INFO - Chain [1] done processing
00:30:30 - cmdstanpy - INFO - Chain [1] start processing
00:30:30 - cmdstanpy - INFO - Chain [1] done processing
00:30:31 - cmdstanpy - INFO - Chain [1] start processing
00:30:31 - cmdstanpy - INFO - Chain [1] done processing
00:30:31 - cmdstanpy - INFO - Chain [1] start processing
00:30:31 - cmdstanpy - INFO - Chain [1] done processing
00:30:31 - cmdstanpy - INFO - Chain [1] start processing
00:30:31 - cmdstanpy - INFO - Chain [1] done processing
00:30:32 - cmdstanpy - INFO - Chain [1] start processing
00:30:32 - cmdstanpy - INFO - Chain [1] done processing
00:30:32 - cmdstanpy - INFO - Chain [1] start processing
00:30:32 - cmdstanpy - INFO - Chain [1] done processing
00:30:33 - cmdstanpy - INFO - Chain [1] start processing
00:30:33 - cmdstanpy - INFO - Chain [1] done processing
00:30:33 - cmdstanpy - INFO - Chain [1] start processing
00:30:33 - cmdstanpy - INFO - Chain [1] done processing
00:30:33 - cmdstanpy - INFO - Chain [1] start processing
00:30:33 - cmdstanpy - INFO - Chain [1] done processing
00:30:34 - cmdstanpy - INFO - Chain [1] start processing
00:30:34 - cmdstanpy - INFO - Chain [1] done processing
00:30:34 - cmdstanpy - INFO - Chain [1] start processing
00:30:34 - cmdstanpy - INFO - Chain [1] done processing
00:30:35 - cmdstanpy - INFO - Chain [1] start processing
00:30:35 - cmdstanpy - INFO - Chain [1] done processing
00:30:35 - cmdstanpy - INFO - Chain [1] start processing
00:30:35 - cmdstanpy - INFO - Chain [1] done processing
00:30:36 - cmdstanpy - INFO - Chain [1] start processing
00:30:36 - cmdstanpy - INFO - Chain [1] done processing
00:30:36 - cmdstanpy - INFO - Chain [1] start processing
00:30:36 - cmdstanpy - INFO - Chain [1] done processing
00:30:36 - cmdstanpy - INFO - Chain [1] start processing
00:30:36 - cmdstanpy - INFO - Chain [1] done processing
00:30:37 - cmdstanpy - INFO - Chain [1] start processing
00:30:37 - cmdstanpy - INFO - Chain [1] done processing
00:30:37 - cmdstanpy - INFO - Chain [1] start processing
00:30:37 - cmdstanpy - INFO - Chain [1] done processing
00:30:38 - cmdstanpy - INFO - Chain [1] start processing
00:30:38 - cmdstanpy - INFO - Chain [1] done processing
00:30:38 - cmdstanpy - INFO - Chain [1] start processing
00:30:38 - cmdstanpy - INFO - Chain [1] done processing
00:30:38 - cmdstanpy - INFO - Chain [1] start processing
00:30:38 - cmdstanpy - INFO - Chain [1] done processing
00:30:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:30:39 - cmdstanpy - INFO - Chain [1] done processing
00:30:39 - cmdstanpy - INFO - Chain [1] start processing
00:30:39 - cmdstanpy - INFO - Chain [1] done processing
00:30:40 - cmdstanpy - INFO - Chain [1] start processing
00:30:40 - cmdstanpy - INFO - Chain [1] done processing
00:30:40 - cmdstanpy - INFO - Chain [1] start processing
00:30:40 - cmdstanpy - INFO - Chain [1] done processing
00:30:40 - cmdstanpy - INFO - Chain [1] start processing
00:30:40 - cmdstanpy - INFO - Chain [1] done processing
00:30:41 - cmdstanpy - INFO - Chain [1] start processing
00:30:41 - cmdstanpy - INFO - Chain [1] done processing
00:30:41 - cmdstanpy - INFO - Chain [1] start processing
00:30:41 - cmdstanpy - INFO - Chain [1] done processing
00:30:41 - cmdstanpy - INFO - Chain [1] start processing
00:30:41 - cmdstanpy - INFO - Chain [1] done processing
00:30:42 - cmdstanpy - INFO - Chain [1] start processing
00:30:42 - cmdstanpy - INFO - Chain [1] done processing
00:30:42 - cmdstanpy - INFO - Chain [1] start processing
00:30:42 - cmdstanpy - INFO - Chain [1] done processing
00:30:42 - cmdstanpy - INFO - Chain [1] start processing
00:30:42 - cmdstanpy - INFO - Chain [1] done processing
00:30:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:30:42 - cmdstanpy - INFO - Chain [1] start processing
00:30:43 - cmdstanpy - INFO - Chain [1] done processing
00:30:43 - cmdstanpy - INFO - Chain [1] start processing
00:30:44 - cmdstanpy - INFO - Chain [1] done processing
00:30:44 - cmdstanpy - INFO - Chain [1] start processing
00:30:44 - cmdstanpy - INFO - Chain [1] done processing
00:30:44 - cmdstanpy - INFO - Chain [1] start processing
00:30:44 - cmdstanpy - INFO - Chain [1] done processing
00:30:45 - cmdstanpy - INFO - Chain [1] start processing
00:30:45 - cmdstanpy - INFO - Chain [1] done processing
00:30:45 - cmdstanpy - INFO - Chain [1] start processing
00:30:45 - cmdstanpy - INFO - Chain [1] done processing
00:30:45 - cmdstanpy - INFO - Chain [1] start processing
00:30:45 - cmdstanpy - INFO - Chain [1] done processing
00:30:46 - cmdstanpy - INFO - Chain [1] start processing
00:30:46 - cmdstanpy - INFO - Chain [1] done processing
00:30:46 - cmdstanpy - INFO - Chain [1] start processing
00:30:46 - cmdstanpy - INFO - Chain [1] done processing
00:30:47 - cmdstanpy - INFO - Chain [1] start processing
00:30:47 - cmdstanpy - INFO - Chain [1] done processing
00:30:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:30:47 - cmdstanpy - INFO - Chain [1] start processing
00:30:47 - cmdstanpy - INFO - Chain [1] done processing
00:30:48 - cmdstanpy - INFO - Chain [1] start processing
00:30:48 - cmdstanpy - INFO - Chain [1] done processing
00:30:48 - cmdstanpy - INFO - Chain [1] start processing
00:30:48 - cmdstanpy - INFO - Chain [1] done processing
00:30:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:30:48 - cmdstanpy - INFO - Chain [1] start processing
00:30:49 - cmdstanpy - INFO - Chain [1] done processing
00:30:49 - cmdstanpy - INFO - Chain [1] start processing
00:30:49 - cmdstanpy - INFO - Chain [1] done processing
00:30:49 - cmdstanpy - INFO - Chain [1] start processing
00:30:49 - cmdstanpy - INFO - Chain [1] done processing
00:30:50 - cmdstanpy - INFO - Chain [1] start processing
00:30:50 - cmdstanpy - INFO - Chain [1] done processing
00:30:50 - cmdstanpy - INFO - Chain [1] start processing
00:30:50 - cmdstanpy - INFO - Chain [1] done processing
00:30:51 - cmdstanpy - INFO - Chain [1] start processing
```

```
00:30:51 - cmdstanpy - INFO - Chain [1] done processing
00:30:51 - cmdstanpy - INFO - Chain [1] start processing
00:30:51 - cmdstanpy - INFO - Chain [1] done processing
00:30:51 - cmdstanpy - INFO - Chain [1] start processing
00:30:51 - cmdstanpy - INFO - Chain [1] done processing
00:30:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:30:51 - cmdstanpy - INFO - Chain [1] start processing
00:30:52 - cmdstanpy - INFO - Chain [1] done processing
00:30:52 - cmdstanpy - INFO - Chain [1] start processing
00:30:52 - cmdstanpy - INFO - Chain [1] done processing
00:30:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:30:52 - cmdstanpy - INFO - Chain [1] start processing
00:30:52 - cmdstanpy - INFO - Chain [1] done processing
00:30:53 - cmdstanpy - INFO - Chain [1] start processing
00:30:53 - cmdstanpy - INFO - Chain [1] done processing
00:30:53 - cmdstanpy - INFO - Chain [1] start processing
00:30:53 - cmdstanpy - INFO - Chain [1] done processing
00:30:53 - cmdstanpy - INFO - Chain [1] start processing
00:30:53 - cmdstanpy - INFO - Chain [1] done processing
00:30:54 - cmdstanpy - INFO - Chain [1] start processing
00:30:54 - cmdstanpy - INFO - Chain [1] done processing
00:30:54 - cmdstanpy - INFO - Chain [1] start processing
00:30:54 - cmdstanpy - INFO - Chain [1] done processing
00:30:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:30:54 - cmdstanpy - INFO - Chain [1] start processing
00:30:55 - cmdstanpy - INFO - Chain [1] done processing
00:30:55 - cmdstanpy - INFO - Chain [1] start processing
00:30:55 - cmdstanpy - INFO - Chain [1] done processing
00:30:55 - cmdstanpy - INFO - Chain [1] start processing
00:30:55 - cmdstanpy - INFO - Chain [1] done processing
00:30:56 - cmdstanpy - INFO - Chain [1] start processing
00:30:56 - cmdstanpy - INFO - Chain [1] done processing
00:30:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
00:30:56 - cmdstanpy - INFO - Chain [1] start processing
00:30:56 - cmdstanpy - INFO - Chain [1] done processing
00:30:56 - cmdstanpy - INFO - Chain [1] start processing
00:30:56 - cmdstanpy - INFO - Chain [1] done processing
```

FACEBOOK PROPHET TUNED - AVERAGE WEEKLY FORECAST BY STATE FOR TOP 400 COMPANIES FOR 2023 , 2024

```
In [40]: | import pandas as pd
         from prophet import Prophet
         # Top 100 companies based on the total number of complaints
         top_100_companies = df_joined.groupby('Company')['Complaint ID'].nunique().nlargest(400).index
         # Top 100 companies
         df_top_100 = df_joined[df_joined['Company'].isin(top_100_companies)]
         # Ensure 'Date received' is in datetime format
         df_top_100['Date received'] = pd.to_datetime(df_top_100['Date received'])
         # Now set 'Date received' as the index
         df_top_100.set_index('Date received', inplace=True)
         # Empty DataFrame to store all forecasts
         all_forecasts = pd.DataFrame()
         # Iterating over each company and state combination within the top 100 companies
         for (company, state), group in df_top_100.groupby(['Company', 'State']):
             # Prepare the data for the Prophet model
             df_prophet = group.resample('W').nunique()['Complaint ID'].reset_index()
             df_prophet.columns = ['ds', 'y']
             # Check if there's enough data to fit the model
             if len(df prophet) < 2:</pre>
                 continue # Skip this group if not enough data
             # Initialize the Prophet model with the best parameters
             m = Prophet(
                 changepoint_prior_scale=0.01,
                 changepoint_range=0.9,
                 growth='linear',
                 n_changepoints=20,
                 seasonality_mode='additive'
             m.fit(df_prophet)
             # Future predictions (next 2 years)
             future = m.make_future_dataframe(periods=104, freq='W') # Approx. 2 years of weekly data
             # Make predictions
             forecast = m.predict(future)
             # Keep necessary columns and add 'Company' and 'State'
             forecast_filtered = forecast[['ds', 'yhat', 'yhat_lower', 'yhat_upper']].copy()
             # Use .loc for a more explicit assignment
             forecast_filtered.loc[:, 'Company'] = company
             forecast_filtered.loc[:, 'State'] = state
             # Append to the all_forecasts DataFrame
             all_forecasts = pd.concat([all_forecasts, forecast_filtered])
         # Filter out predictions to keep only 2023 and 2024
         all_forecasts['Year'] = all_forecasts['ds'].dt.year
         all_forecasts = all_forecasts[all_forecasts['Year'].isin([2023, 2024])]
         # Save the forecasts to a CSV file
         all_forecasts.to_csv('C:\\Users\\Lenovo\\Downloads\\weekly_complaint_forecasts_2023_2024_top_400
```

```
C:\Users\Lenovo\AppData\Local\Temp\ipykernel 12452\764419393.py:11: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row indexer,col indexer] = value instead
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user guide/in
dexing.html#returning-a-view-versus-a-copy
 df_top_100['Date received'] = pd.to_datetime(df_top_100['Date received'])
01:05:36 - cmdstanpy - INFO - Chain [1] start processing
01:05:37 - cmdstanpy - INFO - Chain [1] done processing
01:05:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:37 - cmdstanpy - INFO - Chain [1] start processing
01:05:38 - cmdstanpy - INFO - Chain [1] done processing
01:05:39 - cmdstanpy - INFO - Chain [1] start processing
01:05:39 - cmdstanpy - INFO - Chain [1] done processing
01:05:39 - cmdstanpy - INFO - Chain [1] start processing
01:05:39 - cmdstanpy - INFO - Chain [1] done processing
01:05:40 - cmdstanpy - INFO - Chain [1] start processing
01:05:40 - cmdstanpy - INFO - Chain [1] done processing
01:05:40 - cmdstanpy - INFO - Chain [1] start processing
01:05:40 - cmdstanpy - INFO - Chain [1] done processing
01:05:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:40 - cmdstanpy - INFO - Chain [1] start processing
01:05:40 - cmdstanpy - INFO - Chain [1] done processing
01:05:41 - cmdstanpy - INFO - Chain [1] start processing
01:05:41 - cmdstanpy - INFO - Chain [1] done processing
01:05:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:41 - cmdstanpy - INFO - Chain [1] start processing
01:05:41 - cmdstanpy - INFO - Chain [1] done processing
01:05:41 - cmdstanpy - INFO - Chain [1] start processing
01:05:41 - cmdstanpy - INFO - Chain [1] done processing
01:05:42 - cmdstanpy - INFO - Chain [1] start processing
01:05:42 - cmdstanpy - INFO - Chain [1] done processing
01:05:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:42 - cmdstanpy - INFO - Chain [1] start processing
01:05:42 - cmdstanpy - INFO - Chain [1] done processing
01:05:42 - cmdstanpy - INFO - Chain [1] start processing
01:05:43 - cmdstanpy - INFO - Chain [1] done processing
01:05:43 - cmdstanpy - INFO - Chain [1] start processing
01:05:43 - cmdstanpy - INFO - Chain [1] done processing
01:05:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:43 - cmdstanpy - INFO - Chain [1] start processing
01:05:43 - cmdstanpy - INFO - Chain [1] done processing
01:05:43 - cmdstanpy - INFO - Chain [1] start processing
01:05:44 - cmdstanpy - INFO - Chain [1] done processing
01:05:44 - cmdstanpy - INFO - Chain [1] start processing
01:05:44 - cmdstanpy - INFO - Chain [1] done processing
01:05:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:44 - cmdstanpy - INFO - Chain [1] start processing
01:05:44 - cmdstanpy - INFO - Chain [1] done processing
01:05:44 - cmdstanpy - INFO - Chain [1] start processing
01:05:44 - cmdstanpy - INFO - Chain [1] done processing
01:05:45 - cmdstanpy - INFO - Chain [1] start processing
01:05:45 - cmdstanpy - INFO - Chain [1] done processing
01:05:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:45 - cmdstanpy - INFO - Chain [1] start processing
01:05:45 - cmdstanpy - INFO - Chain [1] done processing
01:05:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:05:46 - cmdstanpy - INFO - Chain [1] done processing
01:05:46 - cmdstanpy - INFO - Chain [1] start processing
01:05:46 - cmdstanpy - INFO - Chain [1] done processing
01:05:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:46 - cmdstanpy - INFO - Chain [1] start processing
01:05:46 - cmdstanpy - INFO - Chain [1] done processing
01:05:47 - cmdstanpy - INFO - Chain [1] start processing
01:05:47 - cmdstanpy - INFO - Chain [1] done processing
01:05:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:47 - cmdstanpy - INFO - Chain [1] start processing
01:05:47 - cmdstanpy - INFO - Chain [1] done processing
01:05:47 - cmdstanpy - INFO - Chain [1] start processing
01:05:47 - cmdstanpy - INFO - Chain [1] done processing
01:05:47 - cmdstanpy - INFO - Chain [1] start processing
01:05:48 - cmdstanpy - INFO - Chain [1] done processing
01:05:48 - cmdstanpy - INFO - Chain [1] start processing
01:05:48 - cmdstanpy - INFO - Chain [1] done processing
01:05:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:48 - cmdstanpy - INFO - Chain [1] start processing
01:05:48 - cmdstanpy - INFO - Chain [1] done processing
01:05:48 - cmdstanpy - INFO - Chain [1] start processing
01:05:49 - cmdstanpy - INFO - Chain [1] done processing
01:05:49 - cmdstanpy - INFO - Chain [1] start processing
01:05:49 - cmdstanpy - INFO - Chain [1] done processing
01:05:49 - cmdstanpy - INFO - Chain [1] start processing
01:05:49 - cmdstanpy - INFO - Chain [1] done processing
01:05:50 - cmdstanpy - INFO - Chain [1] start processing
01:05:50 - cmdstanpy - INFO - Chain [1] done processing
01:05:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:50 - cmdstanpy - INFO - Chain [1] start processing
01:05:50 - cmdstanpy - INFO - Chain [1] done processing
01:05:50 - cmdstanpy - INFO - Chain [1] start processing
01:05:50 - cmdstanpy - INFO - Chain [1] done processing
01:05:50 - cmdstanpy - INFO - Chain [1] start processing
01:05:50 - cmdstanpy - INFO - Chain [1] done processing
01:05:51 - cmdstanpy - INFO - Chain [1] start processing
01:05:51 - cmdstanpy - INFO - Chain [1] done processing
01:05:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:51 - cmdstanpy - INFO - Chain [1] start processing
01:05:51 - cmdstanpy - INFO - Chain [1] done processing
01:05:52 - cmdstanpy - INFO - Chain [1] start processing
01:05:52 - cmdstanpy - INFO - Chain [1] done processing
01:05:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:52 - cmdstanpy - INFO - Chain [1] start processing
01:05:52 - cmdstanpy - INFO - Chain [1] done processing
01:05:52 - cmdstanpy - INFO - Chain [1] start processing
01:05:52 - cmdstanpy - INFO - Chain [1] done processing
01:05:53 - cmdstanpy - INFO - Chain [1] start processing
01:05:53 - cmdstanpy - INFO - Chain [1] done processing
01:05:53 - cmdstanpy - INFO - Chain [1] start processing
01:05:53 - cmdstanpy - INFO - Chain [1] done processing
01:05:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:53 - cmdstanpy - INFO - Chain [1] start processing
01:05:53 - cmdstanpy - INFO - Chain [1] done processing
01:05:53 - cmdstanpy - INFO - Chain [1] start processing
01:05:53 - cmdstanpy - INFO - Chain [1] done processing
01:05:54 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:05:54 - cmdstanpy - INFO - Chain [1] done processing
01:05:54 - cmdstanpy - INFO - Chain [1] start processing
01:05:54 - cmdstanpy - INFO - Chain [1] done processing
01:05:54 - cmdstanpy - INFO - Chain [1] start processing
01:05:54 - cmdstanpy - INFO - Chain [1] done processing
01:05:55 - cmdstanpy - INFO - Chain [1] start processing
01:05:55 - cmdstanpy - INFO - Chain [1] done processing
01:05:55 - cmdstanpy - INFO - Chain [1] start processing
01:05:55 - cmdstanpy - INFO - Chain [1] done processing
01:05:55 - cmdstanpy - INFO - Chain [1] start processing
01:05:56 - cmdstanpy - INFO - Chain [1] done processing
01:05:56 - cmdstanpy - INFO - Chain [1] start processing
01:05:56 - cmdstanpy - INFO - Chain [1] done processing
01:05:56 - cmdstanpy - INFO - Chain [1] start processing
01:05:56 - cmdstanpy - INFO - Chain [1] done processing
01:05:56 - cmdstanpy - INFO - Chain [1] start processing
01:05:56 - cmdstanpy - INFO - Chain [1] done processing
01:05:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:56 - cmdstanpy - INFO - Chain [1] start processing
01:05:57 - cmdstanpy - INFO - Chain [1] done processing
01:05:57 - cmdstanpy - INFO - Chain [1] start processing
01:05:57 - cmdstanpy - INFO - Chain [1] done processing
01:05:57 - cmdstanpy - INFO - Chain [1] start processing
01:05:57 - cmdstanpy - INFO - Chain [1] done processing
01:05:58 - cmdstanpy - INFO - Chain [1] start processing
01:05:58 - cmdstanpy - INFO - Chain [1] done processing
01:05:58 - cmdstanpy - INFO - Chain [1] start processing
01:05:58 - cmdstanpy - INFO - Chain [1] done processing
01:05:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:05:58 - cmdstanpy - INFO - Chain [1] start processing
01:05:58 - cmdstanpy - INFO - Chain [1] done processing
01:05:59 - cmdstanpy - INFO - Chain [1] start processing
01:05:59 - cmdstanpy - INFO - Chain [1] done processing
01:05:59 - cmdstanpy - INFO - Chain [1] start processing
01:05:59 - cmdstanpy - INFO - Chain [1] done processing
01:05:59 - cmdstanpy - INFO - Chain [1] start processing
01:05:59 - cmdstanpy - INFO - Chain [1] done processing
01:06:00 - cmdstanpy - INFO - Chain [1] start processing
01:06:00 - cmdstanpy - INFO - Chain [1] done processing
01:06:00 - cmdstanpy - INFO - Chain [1] start processing
01:06:00 - cmdstanpy - INFO - Chain [1] done processing
01:06:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:00 - cmdstanpy - INFO - Chain [1] start processing
01:06:01 - cmdstanpy - INFO - Chain [1] done processing
01:06:01 - cmdstanpy - INFO - Chain [1] start processing
01:06:01 - cmdstanpy - INFO - Chain [1] done processing
01:06:01 - cmdstanpy - INFO - Chain [1] start processing
01:06:01 - cmdstanpy - INFO - Chain [1] done processing
01:06:02 - cmdstanpy - INFO - Chain [1] start processing
01:06:02 - cmdstanpy - INFO - Chain [1] done processing
01:06:02 - cmdstanpy - INFO - Chain [1] start processing
01:06:02 - cmdstanpy - INFO - Chain [1] done processing
01:06:02 - cmdstanpy - INFO - Chain [1] start processing
01:06:03 - cmdstanpy - INFO - Chain [1] done processing
01:06:03 - cmdstanpy - INFO - Chain [1] start processing
01:06:03 - cmdstanpy - INFO - Chain [1] done processing
01:06:03 - cmdstanpy - INFO - Chain [1] start processing
01:06:03 - cmdstanpy - INFO - Chain [1] done processing
01:06:04 - cmdstanpy - INFO - Chain [1] start processing
01:06:04 - cmdstanpy - INFO - Chain [1] done processing
01:06:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:06:04 - cmdstanpy - INFO - Chain [1] start processing
01:06:04 - cmdstanpy - INFO - Chain [1] done processing
01:06:04 - cmdstanpy - INFO - Chain [1] start processing
01:06:04 - cmdstanpy - INFO - Chain [1] done processing
01:06:04 - cmdstanpy - INFO - Chain [1] start processing
01:06:05 - cmdstanpy - INFO - Chain [1] done processing
01:06:05 - cmdstanpy - INFO - Chain [1] start processing
01:06:05 - cmdstanpy - INFO - Chain [1] done processing
01:06:05 - cmdstanpy - INFO - Chain [1] start processing
01:06:05 - cmdstanpy - INFO - Chain [1] done processing
01:06:05 - cmdstanpy - INFO - Chain [1] start processing
01:06:06 - cmdstanpy - INFO - Chain [1] done processing
01:06:06 - cmdstanpy - INFO - Chain [1] start processing
01:06:06 - cmdstanpy - INFO - Chain [1] done processing
01:06:06 - cmdstanpy - INFO - Chain [1] start processing
01:06:06 - cmdstanpy - INFO - Chain [1] done processing
01:06:06 - cmdstanpy - INFO - Chain [1] start processing
01:06:07 - cmdstanpy - INFO - Chain [1] done processing
01:06:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:07 - cmdstanpy - INFO - Chain [1] start processing
01:06:07 - cmdstanpy - INFO - Chain [1] done processing
01:06:08 - cmdstanpy - INFO - Chain [1] start processing
01:06:08 - cmdstanpy - INFO - Chain [1] done processing
01:06:08 - cmdstanpy - INFO - Chain [1] start processing
01:06:08 - cmdstanpy - INFO - Chain [1] done processing
01:06:08 - cmdstanpy - INFO - Chain [1] start processing
01:06:08 - cmdstanpy - INFO - Chain [1] done processing
01:06:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:08 - cmdstanpy - INFO - Chain [1] start processing
01:06:09 - cmdstanpy - INFO - Chain [1] done processing
01:06:09 - cmdstanpy - INFO - Chain [1] start processing
01:06:09 - cmdstanpy - INFO - Chain [1] done processing
01:06:09 - cmdstanpy - INFO - Chain [1] start processing
01:06:09 - cmdstanpy - INFO - Chain [1] done processing
01:06:10 - cmdstanpy - INFO - Chain [1] start processing
01:06:10 - cmdstanpy - INFO - Chain [1] done processing
01:06:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:10 - cmdstanpy - INFO - Chain [1] start processing
01:06:10 - cmdstanpy - INFO - Chain [1] done processing
01:06:10 - cmdstanpy - INFO - Chain [1] start processing
01:06:10 - cmdstanpy - INFO - Chain [1] done processing
01:06:11 - cmdstanpy - INFO - Chain [1] start processing
01:06:11 - cmdstanpy - INFO - Chain [1] done processing
01:06:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:11 - cmdstanpy - INFO - Chain [1] start processing
01:06:11 - cmdstanpy - INFO - Chain [1] done processing
01:06:11 - cmdstanpy - INFO - Chain [1] start processing
01:06:11 - cmdstanpy - INFO - Chain [1] done processing
01:06:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:11 - cmdstanpy - INFO - Chain [1] start processing
01:06:12 - cmdstanpy - INFO - Chain [1] done processing
01:06:12 - cmdstanpy - INFO - Chain [1] start processing
01:06:12 - cmdstanpy - INFO - Chain [1] done processing
01:06:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:12 - cmdstanpy - INFO - Chain [1] start processing
01:06:12 - cmdstanpy - INFO - Chain [1] done processing
01:06:12 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:06:12 - cmdstanpy - INFO - Chain [1] done processing
01:06:13 - cmdstanpy - INFO - Chain [1] start processing
01:06:13 - cmdstanpy - INFO - Chain [1] done processing
01:06:13 - cmdstanpy - INFO - Chain [1] start processing
01:06:13 - cmdstanpy - INFO - Chain [1] done processing
01:06:13 - cmdstanpy - INFO - Chain [1] start processing
01:06:13 - cmdstanpy - INFO - Chain [1] done processing
01:06:14 - cmdstanpy - INFO - Chain [1] start processing
01:06:14 - cmdstanpy - INFO - Chain [1] done processing
01:06:14 - cmdstanpy - INFO - Chain [1] start processing
01:06:14 - cmdstanpy - INFO - Chain [1] done processing
01:06:15 - cmdstanpy - INFO - Chain [1] start processing
01:06:15 - cmdstanpy - INFO - Chain [1] done processing
01:06:15 - cmdstanpy - INFO - Chain [1] start processing
01:06:15 - cmdstanpy - INFO - Chain [1] done processing
01:06:15 - cmdstanpy - INFO - Chain [1] start processing
01:06:15 - cmdstanpy - INFO - Chain [1] done processing
01:06:16 - cmdstanpy - INFO - Chain [1] start processing
01:06:16 - cmdstanpy - INFO - Chain [1] done processing
01:06:16 - cmdstanpy - INFO - Chain [1] start processing
01:06:16 - cmdstanpy - INFO - Chain [1] done processing
01:06:16 - cmdstanpy - INFO - Chain [1] start processing
01:06:16 - cmdstanpy - INFO - Chain [1] done processing
01:06:17 - cmdstanpy - INFO - Chain [1] start processing
01:06:17 - cmdstanpy - INFO - Chain [1] done processing
01:06:17 - cmdstanpy - INFO - Chain [1] start processing
01:06:17 - cmdstanpy - INFO - Chain [1] done processing
01:06:17 - cmdstanpy - INFO - Chain [1] start processing
01:06:18 - cmdstanpy - INFO - Chain [1] done processing
01:06:18 - cmdstanpy - INFO - Chain [1] start processing
01:06:18 - cmdstanpy - INFO - Chain [1] done processing
01:06:18 - cmdstanpy - INFO - Chain [1] start processing
01:06:18 - cmdstanpy - INFO - Chain [1] done processing
01:06:22 - cmdstanpy - INFO - Chain [1] start processing
01:06:22 - cmdstanpy - INFO - Chain [1] done processing
01:06:23 - cmdstanpy - INFO - Chain [1] start processing
01:06:23 - cmdstanpy - INFO - Chain [1] done processing
01:06:23 - cmdstanpy - INFO - Chain [1] start processing
01:06:23 - cmdstanpy - INFO - Chain [1] done processing
01:06:24 - cmdstanpy - INFO - Chain [1] start processing
01:06:24 - cmdstanpy - INFO - Chain [1] done processing
01:06:24 - cmdstanpy - INFO - Chain [1] start processing
01:06:24 - cmdstanpy - INFO - Chain [1] done processing
01:06:25 - cmdstanpy - INFO - Chain [1] start processing
01:06:25 - cmdstanpy - INFO - Chain [1] done processing
01:06:25 - cmdstanpy - INFO - Chain [1] start processing
01:06:25 - cmdstanpy - INFO - Chain [1] done processing
01:06:26 - cmdstanpy - INFO - Chain [1] start processing
01:06:26 - cmdstanpy - INFO - Chain [1] done processing
01:06:26 - cmdstanpy - INFO - Chain [1] start processing
01:06:26 - cmdstanpy - INFO - Chain [1] done processing
01:06:26 - cmdstanpy - INFO - Chain [1] start processing
01:06:26 - cmdstanpy - INFO - Chain [1] done processing
01:06:27 - cmdstanpy - INFO - Chain [1] start processing
01:06:27 - cmdstanpy - INFO - Chain [1] done processing
01:06:27 - cmdstanpy - INFO - Chain [1] start processing
01:06:27 - cmdstanpy - INFO - Chain [1] done processing
01:06:28 - cmdstanpy - INFO - Chain [1] start processing
01:06:28 - cmdstanpy - INFO - Chain [1] done processing
01:06:28 - cmdstanpy - INFO - Chain [1] start processing
01:06:28 - cmdstanpy - INFO - Chain [1] done processing
01:06:28 - cmdstanpy - INFO - Chain [1] start processing
01:06:28 - cmdstanpy - INFO - Chain [1] done processing
01:06:29 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:06:29 - cmdstanpy - INFO - Chain [1] done processing
01:06:29 - cmdstanpy - INFO - Chain [1] start processing
01:06:29 - cmdstanpy - INFO - Chain [1] done processing
01:06:30 - cmdstanpy - INFO - Chain [1] start processing
01:06:30 - cmdstanpy - INFO - Chain [1] done processing
01:06:30 - cmdstanpy - INFO - Chain [1] start processing
01:06:30 - cmdstanpy - INFO - Chain [1] done processing
01:06:30 - cmdstanpy - INFO - Chain [1] start processing
01:06:30 - cmdstanpy - INFO - Chain [1] done processing
01:06:31 - cmdstanpy - INFO - Chain [1] start processing
01:06:31 - cmdstanpy - INFO - Chain [1] done processing
01:06:31 - cmdstanpy - INFO - Chain [1] start processing
01:06:31 - cmdstanpy - INFO - Chain [1] done processing
01:06:31 - cmdstanpy - INFO - Chain [1] start processing
01:06:31 - cmdstanpy - INFO - Chain [1] done processing
01:06:32 - cmdstanpy - INFO - Chain [1] start processing
01:06:32 - cmdstanpy - INFO - Chain [1] done processing
01:06:32 - cmdstanpy - INFO - Chain [1] start processing
01:06:32 - cmdstanpy - INFO - Chain [1] done processing
01:06:32 - cmdstanpy - INFO - Chain [1] start processing
01:06:32 - cmdstanpy - INFO - Chain [1] done processing
01:06:33 - cmdstanpy - INFO - Chain [1] start processing
01:06:33 - cmdstanpy - INFO - Chain [1] done processing
01:06:33 - cmdstanpy - INFO - Chain [1] start processing
01:06:33 - cmdstanpy - INFO - Chain [1] done processing
01:06:33 - cmdstanpy - INFO - Chain [1] start processing
01:06:34 - cmdstanpy - INFO - Chain [1] done processing
01:06:34 - cmdstanpy - INFO - Chain [1] start processing
01:06:34 - cmdstanpy - INFO - Chain [1] done processing
01:06:34 - cmdstanpy - INFO - Chain [1] start processing
01:06:34 - cmdstanpy - INFO - Chain [1] done processing
01:06:35 - cmdstanpy - INFO - Chain [1] start processing
01:06:35 - cmdstanpy - INFO - Chain [1] done processing
01:06:35 - cmdstanpy - INFO - Chain [1] start processing
01:06:35 - cmdstanpy - INFO - Chain [1] done processing
01:06:36 - cmdstanpy - INFO - Chain [1] start processing
01:06:36 - cmdstanpy - INFO - Chain [1] done processing
01:06:36 - cmdstanpy - INFO - Chain [1] start processing
01:06:36 - cmdstanpy - INFO - Chain [1] done processing
01:06:36 - cmdstanpy - INFO - Chain [1] start processing
01:06:36 - cmdstanpy - INFO - Chain [1] done processing
01:06:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:36 - cmdstanpy - INFO - Chain [1] start processing
01:06:37 - cmdstanpy - INFO - Chain [1] done processing
01:06:37 - cmdstanpy - INFO - Chain [1] start processing
01:06:37 - cmdstanpy - INFO - Chain [1] done processing
01:06:37 - cmdstanpy - INFO - Chain [1] start processing
01:06:37 - cmdstanpy - INFO - Chain [1] done processing
01:06:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:37 - cmdstanpy - INFO - Chain [1] start processing
01:06:38 - cmdstanpy - INFO - Chain [1] done processing
01:06:38 - cmdstanpy - INFO - Chain [1] start processing
01:06:38 - cmdstanpy - INFO - Chain [1] done processing
01:06:38 - cmdstanpy - INFO - Chain [1] start processing
01:06:38 - cmdstanpy - INFO - Chain [1] done processing
01:06:39 - cmdstanpy - INFO - Chain [1] start processing
01:06:39 - cmdstanpy - INFO - Chain [1] done processing
01:06:39 - cmdstanpy - INFO - Chain [1] start processing
01:06:39 - cmdstanpy - INFO - Chain [1] done processing
01:06:39 - cmdstanpy - INFO - Chain [1] start processing
01:06:39 - cmdstanpy - INFO - Chain [1] done processing
01:06:40 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:06:40 - cmdstanpy - INFO - Chain [1] done processing
01:06:40 - cmdstanpy - INFO - Chain [1] start processing
01:06:40 - cmdstanpy - INFO - Chain [1] done processing
01:06:40 - cmdstanpy - INFO - Chain [1] start processing
01:06:40 - cmdstanpy - INFO - Chain [1] done processing
01:06:41 - cmdstanpy - INFO - Chain [1] start processing
01:06:41 - cmdstanpy - INFO - Chain [1] done processing
01:06:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:41 - cmdstanpy - INFO - Chain [1] start processing
01:06:41 - cmdstanpy - INFO - Chain [1] done processing
01:06:41 - cmdstanpy - INFO - Chain [1] start processing
01:06:42 - cmdstanpy - INFO - Chain [1] done processing
01:06:42 - cmdstanpy - INFO - Chain [1] start processing
01:06:42 - cmdstanpy - INFO - Chain [1] done processing
01:06:42 - cmdstanpy - INFO - Chain [1] start processing
01:06:42 - cmdstanpy - INFO - Chain [1] done processing
01:06:42 - cmdstanpy - INFO - Chain [1] start processing
01:06:43 - cmdstanpy - INFO - Chain [1] done processing
01:06:43 - cmdstanpy - INFO - Chain [1] start processing
01:06:43 - cmdstanpy - INFO - Chain [1] done processing
01:06:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:43 - cmdstanpy - INFO - Chain [1] start processing
01:06:43 - cmdstanpy - INFO - Chain [1] done processing
01:06:43 - cmdstanpy - INFO - Chain [1] start processing
01:06:43 - cmdstanpy - INFO - Chain [1] done processing
01:06:44 - cmdstanpy - INFO - Chain [1] start processing
01:06:44 - cmdstanpy - INFO - Chain [1] done processing
01:06:44 - cmdstanpy - INFO - Chain [1] start processing
01:06:44 - cmdstanpy - INFO - Chain [1] done processing
01:06:44 - cmdstanpy - INFO - Chain [1] start processing
01:06:44 - cmdstanpy - INFO - Chain [1] done processing
01:06:45 - cmdstanpy - INFO - Chain [1] start processing
01:06:45 - cmdstanpy - INFO - Chain [1] done processing
01:06:45 - cmdstanpy - INFO - Chain [1] start processing
01:06:45 - cmdstanpy - INFO - Chain [1] done processing
01:06:45 - cmdstanpy - INFO - Chain [1] start processing
01:06:46 - cmdstanpy - INFO - Chain [1] done processing
01:06:46 - cmdstanpy - INFO - Chain [1] start processing
01:06:46 - cmdstanpy - INFO - Chain [1] done processing
01:06:46 - cmdstanpy - INFO - Chain [1] start processing
01:06:46 - cmdstanpy - INFO - Chain [1] done processing
01:06:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:46 - cmdstanpy - INFO - Chain [1] start processing
01:06:47 - cmdstanpy - INFO - Chain [1] done processing
01:06:47 - cmdstanpy - INFO - Chain [1] start processing
01:06:47 - cmdstanpy - INFO - Chain [1] done processing
01:06:47 - cmdstanpy - INFO - Chain [1] start processing
01:06:47 - cmdstanpy - INFO - Chain [1] done processing
01:06:48 - cmdstanpy - INFO - Chain [1] start processing
01:06:48 - cmdstanpy - INFO - Chain [1] done processing
01:06:48 - cmdstanpy - INFO - Chain [1] start processing
01:06:48 - cmdstanpy - INFO - Chain [1] done processing
01:06:48 - cmdstanpy - INFO - Chain [1] start processing
01:06:48 - cmdstanpy - INFO - Chain [1] done processing
01:06:49 - cmdstanpy - INFO - Chain [1] start processing
01:06:49 - cmdstanpy - INFO - Chain [1] done processing
01:06:49 - cmdstanpy - INFO - Chain [1] start processing
01:06:49 - cmdstanpy - INFO - Chain [1] done processing
01:06:49 - cmdstanpy - INFO - Chain [1] start processing
01:06:49 - cmdstanpy - INFO - Chain [1] done processing
01:06:50 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:06:50 - cmdstanpy - INFO - Chain [1] done processing
01:06:50 - cmdstanpy - INFO - Chain [1] start processing
01:06:50 - cmdstanpy - INFO - Chain [1] done processing
01:06:50 - cmdstanpy - INFO - Chain [1] start processing
01:06:50 - cmdstanpy - INFO - Chain [1] done processing
01:06:51 - cmdstanpy - INFO - Chain [1] start processing
01:06:51 - cmdstanpy - INFO - Chain [1] done processing
01:06:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:51 - cmdstanpy - INFO - Chain [1] start processing
01:06:51 - cmdstanpy - INFO - Chain [1] done processing
01:06:51 - cmdstanpy - INFO - Chain [1] start processing
01:06:51 - cmdstanpy - INFO - Chain [1] done processing
01:06:52 - cmdstanpy - INFO - Chain [1] start processing
01:06:52 - cmdstanpy - INFO - Chain [1] done processing
01:06:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:52 - cmdstanpy - INFO - Chain [1] start processing
01:06:52 - cmdstanpy - INFO - Chain [1] done processing
01:06:52 - cmdstanpy - INFO - Chain [1] start processing
01:06:52 - cmdstanpy - INFO - Chain [1] done processing
01:06:53 - cmdstanpy - INFO - Chain [1] start processing
01:06:53 - cmdstanpy - INFO - Chain [1] done processing
01:06:53 - cmdstanpy - INFO - Chain [1] start processing
01:06:53 - cmdstanpy - INFO - Chain [1] done processing
01:06:53 - cmdstanpy - INFO - Chain [1] start processing
01:06:53 - cmdstanpy - INFO - Chain [1] done processing
01:06:54 - cmdstanpy - INFO - Chain [1] start processing
01:06:54 - cmdstanpy - INFO - Chain [1] done processing
01:06:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:54 - cmdstanpy - INFO - Chain [1] start processing
01:06:54 - cmdstanpy - INFO - Chain [1] done processing
01:06:54 - cmdstanpy - INFO - Chain [1] start processing
01:06:55 - cmdstanpy - INFO - Chain [1] done processing
01:06:55 - cmdstanpy - INFO - Chain [1] start processing
01:06:55 - cmdstanpy - INFO - Chain [1] done processing
01:06:55 - cmdstanpy - INFO - Chain [1] start processing
01:06:55 - cmdstanpy - INFO - Chain [1] done processing
01:06:56 - cmdstanpy - INFO - Chain [1] start processing
01:06:56 - cmdstanpy - INFO - Chain [1] done processing
01:06:56 - cmdstanpy - INFO - Chain [1] start processing
01:06:56 - cmdstanpy - INFO - Chain [1] done processing
01:06:56 - cmdstanpy - INFO - Chain [1] start processing
01:06:56 - cmdstanpy - INFO - Chain [1] done processing
01:06:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:56 - cmdstanpy - INFO - Chain [1] start processing
01:06:57 - cmdstanpy - INFO - Chain [1] done processing
01:06:57 - cmdstanpy - INFO - Chain [1] start processing
01:06:57 - cmdstanpy - INFO - Chain [1] done processing
01:06:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:57 - cmdstanpy - INFO - Chain [1] start processing
01:06:57 - cmdstanpy - INFO - Chain [1] done processing
01:06:57 - cmdstanpy - INFO - Chain [1] start processing
01:06:57 - cmdstanpy - INFO - Chain [1] done processing
01:06:58 - cmdstanpy - INFO - Chain [1] start processing
01:06:58 - cmdstanpy - INFO - Chain [1] done processing
01:06:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:58 - cmdstanpy - INFO - Chain [1] start processing
01:06:58 - cmdstanpy - INFO - Chain [1] done processing
01:06:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:06:58 - cmdstanpy - INFO - Chain [1] done processing
01:06:59 - cmdstanpy - INFO - Chain [1] start processing
01:06:59 - cmdstanpy - INFO - Chain [1] done processing
01:06:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:06:59 - cmdstanpy - INFO - Chain [1] start processing
01:06:59 - cmdstanpy - INFO - Chain [1] done processing
01:07:00 - cmdstanpy - INFO - Chain [1] start processing
01:07:00 - cmdstanpy - INFO - Chain [1] done processing
01:07:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:00 - cmdstanpy - INFO - Chain [1] start processing
01:07:00 - cmdstanpy - INFO - Chain [1] done processing
01:07:00 - cmdstanpy - INFO - Chain [1] start processing
01:07:00 - cmdstanpy - INFO - Chain [1] done processing
01:07:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:00 - cmdstanpy - INFO - Chain [1] start processing
01:07:01 - cmdstanpy - INFO - Chain [1] done processing
01:07:01 - cmdstanpy - INFO - Chain [1] start processing
01:07:01 - cmdstanpy - INFO - Chain [1] done processing
01:07:02 - cmdstanpy - INFO - Chain [1] start processing
01:07:02 - cmdstanpy - INFO - Chain [1] done processing
01:07:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:02 - cmdstanpy - INFO - Chain [1] start processing
01:07:02 - cmdstanpy - INFO - Chain [1] done processing
01:07:03 - cmdstanpy - INFO - Chain [1] start processing
01:07:03 - cmdstanpy - INFO - Chain [1] done processing
01:07:03 - cmdstanpy - INFO - Chain [1] start processing
01:07:03 - cmdstanpy - INFO - Chain [1] done processing
01:07:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:03 - cmdstanpy - INFO - Chain [1] start processing
01:07:04 - cmdstanpy - INFO - Chain [1] done processing
01:07:04 - cmdstanpy - INFO - Chain [1] start processing
01:07:04 - cmdstanpy - INFO - Chain [1] done processing
01:07:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:04 - cmdstanpy - INFO - Chain [1] start processing
01:07:05 - cmdstanpy - INFO - Chain [1] done processing
01:07:05 - cmdstanpy - INFO - Chain [1] start processing
01:07:05 - cmdstanpy - INFO - Chain [1] done processing
01:07:05 - cmdstanpy - INFO - Chain [1] start processing
01:07:05 - cmdstanpy - INFO - Chain [1] done processing
01:07:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:05 - cmdstanpy - INFO - Chain [1] start processing
01:07:06 - cmdstanpy - INFO - Chain [1] done processing
01:07:06 - cmdstanpy - INFO - Chain [1] start processing
01:07:06 - cmdstanpy - INFO - Chain [1] done processing
01:07:07 - cmdstanpy - INFO - Chain [1] start processing
01:07:07 - cmdstanpy - INFO - Chain [1] done processing
01:07:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:07 - cmdstanpy - INFO - Chain [1] start processing
01:07:07 - cmdstanpy - INFO - Chain [1] done processing
01:07:07 - cmdstanpy - INFO - Chain [1] start processing
01:07:07 - cmdstanpy - INFO - Chain [1] done processing
01:07:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:08 - cmdstanpy - INFO - Chain [1] start processing
01:07:08 - cmdstanpy - INFO - Chain [1] done processing
01:07:09 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:07:09 - cmdstanpy - INFO - Chain [1] done processing
01:07:09 - cmdstanpy - INFO - Chain [1] start processing
01:07:09 - cmdstanpy - INFO - Chain [1] done processing
01:07:10 - cmdstanpy - INFO - Chain [1] start processing
01:07:10 - cmdstanpy - INFO - Chain [1] done processing
01:07:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:10 - cmdstanpy - INFO - Chain [1] start processing
01:07:10 - cmdstanpy - INFO - Chain [1] done processing
01:07:10 - cmdstanpy - INFO - Chain [1] start processing
01:07:10 - cmdstanpy - INFO - Chain [1] done processing
01:07:11 - cmdstanpy - INFO - Chain [1] start processing
01:07:11 - cmdstanpy - INFO - Chain [1] done processing
01:07:11 - cmdstanpy - INFO - Chain [1] start processing
01:07:12 - cmdstanpy - INFO - Chain [1] done processing
01:07:12 - cmdstanpy - INFO - Chain [1] start processing
01:07:12 - cmdstanpy - INFO - Chain [1] done processing
01:07:12 - cmdstanpy - INFO - Chain [1] start processing
01:07:12 - cmdstanpy - INFO - Chain [1] done processing
01:07:13 - cmdstanpy - INFO - Chain [1] start processing
01:07:13 - cmdstanpy - INFO - Chain [1] done processing
01:07:13 - cmdstanpy - INFO - Chain [1] start processing
01:07:13 - cmdstanpy - INFO - Chain [1] done processing
01:07:14 - cmdstanpy - INFO - Chain [1] start processing
01:07:14 - cmdstanpy - INFO - Chain [1] done processing
01:07:14 - cmdstanpy - INFO - Chain [1] start processing
01:07:14 - cmdstanpy - INFO - Chain [1] done processing
01:07:15 - cmdstanpy - INFO - Chain [1] start processing
01:07:15 - cmdstanpy - INFO - Chain [1] done processing
01:07:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:15 - cmdstanpy - INFO - Chain [1] start processing
01:07:15 - cmdstanpy - INFO - Chain [1] done processing
01:07:16 - cmdstanpy - INFO - Chain [1] start processing
01:07:16 - cmdstanpy - INFO - Chain [1] done processing
01:07:16 - cmdstanpy - INFO - Chain [1] start processing
01:07:16 - cmdstanpy - INFO - Chain [1] done processing
01:07:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:16 - cmdstanpy - INFO - Chain [1] start processing
01:07:17 - cmdstanpy - INFO - Chain [1] done processing
01:07:17 - cmdstanpy - INFO - Chain [1] start processing
01:07:17 - cmdstanpy - INFO - Chain [1] done processing
01:07:18 - cmdstanpy - INFO - Chain [1] start processing
01:07:18 - cmdstanpy - INFO - Chain [1] done processing
01:07:18 - cmdstanpy - INFO - Chain [1] start processing
01:07:18 - cmdstanpy - INFO - Chain [1] done processing
01:07:18 - cmdstanpy - INFO - Chain [1] start processing
01:07:18 - cmdstanpy - INFO - Chain [1] done processing
01:07:19 - cmdstanpy - INFO - Chain [1] start processing
01:07:19 - cmdstanpy - INFO - Chain [1] done processing
01:07:19 - cmdstanpy - INFO - Chain [1] start processing
01:07:19 - cmdstanpy - INFO - Chain [1] done processing
01:07:20 - cmdstanpy - INFO - Chain [1] start processing
01:07:20 - cmdstanpy - INFO - Chain [1] done processing
01:07:20 - cmdstanpy - INFO - Chain [1] start processing
01:07:20 - cmdstanpy - INFO - Chain [1] done processing
01:07:20 - cmdstanpy - INFO - Chain [1] start processing
01:07:20 - cmdstanpy - INFO - Chain [1] done processing
01:07:21 - cmdstanpy - INFO - Chain [1] start processing
01:07:21 - cmdstanpy - INFO - Chain [1] done processing
01:07:21 - cmdstanpy - INFO - Chain [1] start processing
01:07:21 - cmdstanpy - INFO - Chain [1] done processing
01:07:21 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:07:21 - cmdstanpy - INFO - Chain [1] done processing
01:07:22 - cmdstanpy - INFO - Chain [1] start processing
01:07:22 - cmdstanpy - INFO - Chain [1] done processing
01:07:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:22 - cmdstanpy - INFO - Chain [1] start processing
01:07:22 - cmdstanpy - INFO - Chain [1] done processing
01:07:22 - cmdstanpy - INFO - Chain [1] start processing
01:07:22 - cmdstanpy - INFO - Chain [1] done processing
01:07:22 - cmdstanpy - INFO - Chain [1] start processing
01:07:23 - cmdstanpy - INFO - Chain [1] done processing
01:07:23 - cmdstanpy - INFO - Chain [1] start processing
01:07:23 - cmdstanpy - INFO - Chain [1] done processing
01:07:23 - cmdstanpy - INFO - Chain [1] start processing
01:07:23 - cmdstanpy - INFO - Chain [1] done processing
01:07:24 - cmdstanpy - INFO - Chain [1] start processing
01:07:24 - cmdstanpy - INFO - Chain [1] done processing
01:07:24 - cmdstanpy - INFO - Chain [1] start processing
01:07:24 - cmdstanpy - INFO - Chain [1] done processing
01:07:24 - cmdstanpy - INFO - Chain [1] start processing
01:07:24 - cmdstanpy - INFO - Chain [1] done processing
01:07:25 - cmdstanpy - INFO - Chain [1] start processing
01:07:25 - cmdstanpy - INFO - Chain [1] done processing
01:07:25 - cmdstanpy - INFO - Chain [1] start processing
01:07:25 - cmdstanpy - INFO - Chain [1] done processing
01:07:25 - cmdstanpy - INFO - Chain [1] start processing
01:07:25 - cmdstanpy - INFO - Chain [1] done processing
01:07:26 - cmdstanpy - INFO - Chain [1] start processing
01:07:26 - cmdstanpy - INFO - Chain [1] done processing
01:07:26 - cmdstanpy - INFO - Chain [1] start processing
01:07:26 - cmdstanpy - INFO - Chain [1] done processing
01:07:26 - cmdstanpy - INFO - Chain [1] start processing
01:07:26 - cmdstanpy - INFO - Chain [1] done processing
01:07:27 - cmdstanpy - INFO - Chain [1] start processing
01:07:27 - cmdstanpy - INFO - Chain [1] done processing
01:07:27 - cmdstanpy - INFO - Chain [1] start processing
01:07:27 - cmdstanpy - INFO - Chain [1] done processing
01:07:27 - cmdstanpy - INFO - Chain [1] start processing
01:07:27 - cmdstanpy - INFO - Chain [1] done processing
01:07:28 - cmdstanpy - INFO - Chain [1] start processing
01:07:28 - cmdstanpy - INFO - Chain [1] done processing
01:07:28 - cmdstanpy - INFO - Chain [1] start processing
01:07:28 - cmdstanpy - INFO - Chain [1] done processing
01:07:28 - cmdstanpy - INFO - Chain [1] start processing
01:07:28 - cmdstanpy - INFO - Chain [1] done processing
01:07:29 - cmdstanpy - INFO - Chain [1] start processing
01:07:29 - cmdstanpy - INFO - Chain [1] done processing
01:07:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:29 - cmdstanpy - INFO - Chain [1] start processing
01:07:29 - cmdstanpy - INFO - Chain [1] done processing
01:07:29 - cmdstanpy - INFO - Chain [1] start processing
01:07:29 - cmdstanpy - INFO - Chain [1] done processing
01:07:30 - cmdstanpy - INFO - Chain [1] start processing
01:07:30 - cmdstanpy - INFO - Chain [1] done processing
01:07:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:30 - cmdstanpy - INFO - Chain [1] start processing
01:07:30 - cmdstanpy - INFO - Chain [1] done processing
01:07:30 - cmdstanpy - INFO - Chain [1] start processing
01:07:30 - cmdstanpy - INFO - Chain [1] done processing
01:07:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:30 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:07:31 - cmdstanpy - INFO - Chain [1] done processing
01:07:31 - cmdstanpy - INFO - Chain [1] start processing
01:07:31 - cmdstanpy - INFO - Chain [1] done processing
01:07:31 - cmdstanpy - INFO - Chain [1] start processing
01:07:31 - cmdstanpy - INFO - Chain [1] done processing
01:07:32 - cmdstanpy - INFO - Chain [1] start processing
01:07:32 - cmdstanpy - INFO - Chain [1] done processing
01:07:32 - cmdstanpy - INFO - Chain [1] start processing
01:07:32 - cmdstanpy - INFO - Chain [1] done processing
01:07:32 - cmdstanpy - INFO - Chain [1] start processing
01:07:32 - cmdstanpy - INFO - Chain [1] done processing
01:07:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:32 - cmdstanpy - INFO - Chain [1] start processing
01:07:33 - cmdstanpy - INFO - Chain [1] done processing
01:07:33 - cmdstanpy - INFO - Chain [1] start processing
01:07:33 - cmdstanpy - INFO - Chain [1] done processing
01:07:33 - cmdstanpy - INFO - Chain [1] start processing
01:07:33 - cmdstanpy - INFO - Chain [1] done processing
01:07:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:33 - cmdstanpy - INFO - Chain [1] start processing
01:07:34 - cmdstanpy - INFO - Chain [1] done processing
01:07:34 - cmdstanpy - INFO - Chain [1] start processing
01:07:34 - cmdstanpy - INFO - Chain [1] done processing
01:07:34 - cmdstanpy - INFO - Chain [1] start processing
01:07:34 - cmdstanpy - INFO - Chain [1] done processing
01:07:35 - cmdstanpy - INFO - Chain [1] start processing
01:07:35 - cmdstanpy - INFO - Chain [1] done processing
01:07:35 - cmdstanpy - INFO - Chain [1] start processing
01:07:35 - cmdstanpy - INFO - Chain [1] done processing
01:07:35 - cmdstanpy - INFO - Chain [1] start processing
01:07:35 - cmdstanpy - INFO - Chain [1] done processing
01:07:36 - cmdstanpy - INFO - Chain [1] start processing
01:07:36 - cmdstanpy - INFO - Chain [1] done processing
01:07:36 - cmdstanpy - INFO - Chain [1] start processing
01:07:36 - cmdstanpy - INFO - Chain [1] done processing
01:07:36 - cmdstanpy - INFO - Chain [1] start processing
01:07:36 - cmdstanpy - INFO - Chain [1] done processing
01:07:37 - cmdstanpy - INFO - Chain [1] start processing
01:07:37 - cmdstanpy - INFO - Chain [1] done processing
01:07:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:37 - cmdstanpy - INFO - Chain [1] start processing
01:07:37 - cmdstanpy - INFO - Chain [1] done processing
01:07:38 - cmdstanpy - INFO - Chain [1] start processing
01:07:38 - cmdstanpy - INFO - Chain [1] done processing
01:07:38 - cmdstanpy - INFO - Chain [1] start processing
01:07:38 - cmdstanpy - INFO - Chain [1] done processing
01:07:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:38 - cmdstanpy - INFO - Chain [1] start processing
01:07:38 - cmdstanpy - INFO - Chain [1] done processing
01:07:38 - cmdstanpy - INFO - Chain [1] start processing
01:07:38 - cmdstanpy - INFO - Chain [1] done processing
01:07:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:38 - cmdstanpy - INFO - Chain [1] start processing
01:07:39 - cmdstanpy - INFO - Chain [1] done processing
01:07:39 - cmdstanpy - INFO - Chain [1] start processing
01:07:39 - cmdstanpy - INFO - Chain [1] done processing
01:07:39 - cmdstanpy - INFO - Chain [1] start processing
01:07:39 - cmdstanpy - INFO - Chain [1] done processing
01:07:40 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:07:40 - cmdstanpy - INFO - Chain [1] done processing
01:07:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:40 - cmdstanpy - INFO - Chain [1] start processing
01:07:40 - cmdstanpy - INFO - Chain [1] done processing
01:07:40 - cmdstanpy - INFO - Chain [1] start processing
01:07:40 - cmdstanpy - INFO - Chain [1] done processing
01:07:41 - cmdstanpy - INFO - Chain [1] start processing
01:07:41 - cmdstanpy - INFO - Chain [1] done processing
01:07:41 - cmdstanpy - INFO - Chain [1] start processing
01:07:41 - cmdstanpy - INFO - Chain [1] done processing
01:07:41 - cmdstanpy - INFO - Chain [1] start processing
01:07:41 - cmdstanpy - INFO - Chain [1] done processing
01:07:42 - cmdstanpy - INFO - Chain [1] start processing
01:07:42 - cmdstanpy - INFO - Chain [1] done processing
01:07:42 - cmdstanpy - INFO - Chain [1] start processing
01:07:42 - cmdstanpy - INFO - Chain [1] done processing
01:07:42 - cmdstanpy - INFO - Chain [1] start processing
01:07:42 - cmdstanpy - INFO - Chain [1] done processing
01:07:43 - cmdstanpy - INFO - Chain [1] start processing
01:07:43 - cmdstanpy - INFO - Chain [1] done processing
01:07:43 - cmdstanpy - INFO - Chain [1] start processing
01:07:43 - cmdstanpy - INFO - Chain [1] done processing
01:07:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:43 - cmdstanpy - INFO - Chain [1] start processing
01:07:43 - cmdstanpy - INFO - Chain [1] done processing
01:07:44 - cmdstanpy - INFO - Chain [1] start processing
01:07:44 - cmdstanpy - INFO - Chain [1] done processing
01:07:44 - cmdstanpy - INFO - Chain [1] start processing
01:07:44 - cmdstanpy - INFO - Chain [1] done processing
01:07:44 - cmdstanpy - INFO - Chain [1] start processing
01:07:44 - cmdstanpy - INFO - Chain [1] done processing
01:07:45 - cmdstanpy - INFO - Chain [1] start processing
01:07:45 - cmdstanpy - INFO - Chain [1] done processing
01:07:45 - cmdstanpy - INFO - Chain [1] start processing
01:07:45 - cmdstanpy - INFO - Chain [1] done processing
01:07:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:45 - cmdstanpy - INFO - Chain [1] start processing
01:07:45 - cmdstanpy - INFO - Chain [1] done processing
01:07:46 - cmdstanpy - INFO - Chain [1] start processing
01:07:46 - cmdstanpy - INFO - Chain [1] done processing
01:07:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:46 - cmdstanpy - INFO - Chain [1] start processing
01:07:46 - cmdstanpy - INFO - Chain [1] done processing
01:07:46 - cmdstanpy - INFO - Chain [1] start processing
01:07:46 - cmdstanpy - INFO - Chain [1] done processing
01:07:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:46 - cmdstanpy - INFO - Chain [1] start processing
01:07:47 - cmdstanpy - INFO - Chain [1] done processing
01:07:47 - cmdstanpy - INFO - Chain [1] start processing
01:07:47 - cmdstanpy - INFO - Chain [1] done processing
01:07:47 - cmdstanpy - INFO - Chain [1] start processing
01:07:47 - cmdstanpy - INFO - Chain [1] done processing
01:07:48 - cmdstanpy - INFO - Chain [1] start processing
01:07:48 - cmdstanpy - INFO - Chain [1] done processing
01:07:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:48 - cmdstanpy - INFO - Chain [1] start processing
01:07:48 - cmdstanpy - INFO - Chain [1] done processing
01:07:48 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:07:48 - cmdstanpy - INFO - Chain [1] done processing
01:07:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:49 - cmdstanpy - INFO - Chain [1] start processing
01:07:49 - cmdstanpy - INFO - Chain [1] done processing
01:07:49 - cmdstanpy - INFO - Chain [1] start processing
01:07:49 - cmdstanpy - INFO - Chain [1] done processing
01:07:50 - cmdstanpy - INFO - Chain [1] start processing
01:07:50 - cmdstanpy - INFO - Chain [1] done processing
01:07:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:50 - cmdstanpy - INFO - Chain [1] start processing
01:07:50 - cmdstanpy - INFO - Chain [1] done processing
01:07:50 - cmdstanpy - INFO - Chain [1] start processing
01:07:50 - cmdstanpy - INFO - Chain [1] done processing
01:07:51 - cmdstanpy - INFO - Chain [1] start processing
01:07:51 - cmdstanpy - INFO - Chain [1] done processing
01:07:51 - cmdstanpy - INFO - Chain [1] start processing
01:07:51 - cmdstanpy - INFO - Chain [1] done processing
01:07:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:07:51 - cmdstanpy - INFO - Chain [1] start processing
01:07:51 - cmdstanpy - INFO - Chain [1] done processing
01:07:52 - cmdstanpy - INFO - Chain [1] start processing
01:07:52 - cmdstanpy - INFO - Chain [1] done processing
01:07:52 - cmdstanpy - INFO - Chain [1] start processing
01:07:52 - cmdstanpy - INFO - Chain [1] done processing
01:07:52 - cmdstanpy - INFO - Chain [1] start processing
01:07:52 - cmdstanpy - INFO - Chain [1] done processing
01:07:53 - cmdstanpy - INFO - Chain [1] start processing
01:07:53 - cmdstanpy - INFO - Chain [1] done processing
01:07:53 - cmdstanpy - INFO - Chain [1] start processing
01:07:53 - cmdstanpy - INFO - Chain [1] done processing
01:07:54 - cmdstanpy - INFO - Chain [1] start processing
01:07:54 - cmdstanpy - INFO - Chain [1] done processing
01:07:54 - cmdstanpy - INFO - Chain [1] start processing
01:07:54 - cmdstanpy - INFO - Chain [1] done processing
01:07:54 - cmdstanpy - INFO - Chain [1] start processing
01:07:54 - cmdstanpy - INFO - Chain [1] done processing
01:07:55 - cmdstanpy - INFO - Chain [1] start processing
01:07:55 - cmdstanpy - INFO - Chain [1] done processing
01:07:55 - cmdstanpy - INFO - Chain [1] start processing
01:07:55 - cmdstanpy - INFO - Chain [1] done processing
01:07:56 - cmdstanpy - INFO - Chain [1] start processing
01:07:56 - cmdstanpy - INFO - Chain [1] done processing
01:07:56 - cmdstanpy - INFO - Chain [1] start processing
01:07:56 - cmdstanpy - INFO - Chain [1] done processing
01:07:56 - cmdstanpy - INFO - Chain [1] start processing
01:07:56 - cmdstanpy - INFO - Chain [1] done processing
01:07:57 - cmdstanpy - INFO - Chain [1] start processing
01:07:57 - cmdstanpy - INFO - Chain [1] done processing
01:07:57 - cmdstanpy - INFO - Chain [1] start processing
01:07:57 - cmdstanpy - INFO - Chain [1] done processing
01:07:58 - cmdstanpy - INFO - Chain [1] start processing
01:07:58 - cmdstanpy - INFO - Chain [1] done processing
01:07:58 - cmdstanpy - INFO - Chain [1] start processing
01:07:58 - cmdstanpy - INFO - Chain [1] done processing
01:07:58 - cmdstanpy - INFO - Chain [1] start processing
01:07:58 - cmdstanpy - INFO - Chain [1] done processing
01:07:59 - cmdstanpy - INFO - Chain [1] start processing
01:07:59 - cmdstanpy - INFO - Chain [1] done processing
01:07:59 - cmdstanpy - INFO - Chain [1] start processing
01:07:59 - cmdstanpy - INFO - Chain [1] done processing
01:07:59 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:07:59 - cmdstanpy - INFO - Chain [1] done processing
01:08:00 - cmdstanpy - INFO - Chain [1] start processing
01:08:00 - cmdstanpy - INFO - Chain [1] done processing
01:08:00 - cmdstanpy - INFO - Chain [1] start processing
01:08:00 - cmdstanpy - INFO - Chain [1] done processing
01:08:01 - cmdstanpy - INFO - Chain [1] start processing
01:08:01 - cmdstanpy - INFO - Chain [1] done processing
01:08:01 - cmdstanpy - INFO - Chain [1] start processing
01:08:01 - cmdstanpy - INFO - Chain [1] done processing
01:08:01 - cmdstanpy - INFO - Chain [1] start processing
01:08:01 - cmdstanpy - INFO - Chain [1] done processing
01:08:02 - cmdstanpy - INFO - Chain [1] start processing
01:08:02 - cmdstanpy - INFO - Chain [1] done processing
01:08:02 - cmdstanpy - INFO - Chain [1] start processing
01:08:02 - cmdstanpy - INFO - Chain [1] done processing
01:08:02 - cmdstanpy - INFO - Chain [1] start processing
01:08:02 - cmdstanpy - INFO - Chain [1] done processing
01:08:03 - cmdstanpy - INFO - Chain [1] start processing
01:08:03 - cmdstanpy - INFO - Chain [1] done processing
01:08:03 - cmdstanpy - INFO - Chain [1] start processing
01:08:03 - cmdstanpy - INFO - Chain [1] done processing
01:08:03 - cmdstanpy - INFO - Chain [1] start processing
01:08:03 - cmdstanpy - INFO - Chain [1] done processing
01:08:04 - cmdstanpy - INFO - Chain [1] start processing
01:08:04 - cmdstanpy - INFO - Chain [1] done processing
01:08:04 - cmdstanpy - INFO - Chain [1] start processing
01:08:05 - cmdstanpy - INFO - Chain [1] done processing
01:08:05 - cmdstanpy - INFO - Chain [1] start processing
01:08:05 - cmdstanpy - INFO - Chain [1] done processing
01:08:06 - cmdstanpy - INFO - Chain [1] start processing
01:08:06 - cmdstanpy - INFO - Chain [1] done processing
01:08:06 - cmdstanpy - INFO - Chain [1] start processing
01:08:06 - cmdstanpy - INFO - Chain [1] done processing
01:08:07 - cmdstanpy - INFO - Chain [1] start processing
01:08:07 - cmdstanpy - INFO - Chain [1] done processing
01:08:07 - cmdstanpy - INFO - Chain [1] start processing
01:08:07 - cmdstanpy - INFO - Chain [1] done processing
01:08:07 - cmdstanpy - INFO - Chain [1] start processing
01:08:07 - cmdstanpy - INFO - Chain [1] done processing
01:08:08 - cmdstanpy - INFO - Chain [1] start processing
01:08:08 - cmdstanpy - INFO - Chain [1] done processing
01:08:08 - cmdstanpy - INFO - Chain [1] start processing
01:08:08 - cmdstanpy - INFO - Chain [1] done processing
01:08:08 - cmdstanpy - INFO - Chain [1] start processing
01:08:08 - cmdstanpy - INFO - Chain [1] done processing
01:08:09 - cmdstanpy - INFO - Chain [1] start processing
01:08:09 - cmdstanpy - INFO - Chain [1] done processing
01:08:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:09 - cmdstanpy - INFO - Chain [1] start processing
01:08:09 - cmdstanpy - INFO - Chain [1] done processing
01:08:09 - cmdstanpy - INFO - Chain [1] start processing
01:08:09 - cmdstanpy - INFO - Chain [1] done processing
01:08:10 - cmdstanpy - INFO - Chain [1] start processing
01:08:10 - cmdstanpy - INFO - Chain [1] done processing
01:08:10 - cmdstanpy - INFO - Chain [1] start processing
01:08:10 - cmdstanpy - INFO - Chain [1] done processing
01:08:11 - cmdstanpy - INFO - Chain [1] start processing
01:08:11 - cmdstanpy - INFO - Chain [1] done processing
01:08:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:11 - cmdstanpy - INFO - Chain [1] start processing
01:08:11 - cmdstanpy - INFO - Chain [1] done processing
01:08:11 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:08:11 - cmdstanpy - INFO - Chain [1] done processing
01:08:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:11 - cmdstanpy - INFO - Chain [1] start processing
01:08:12 - cmdstanpy - INFO - Chain [1] done processing
01:08:12 - cmdstanpy - INFO - Chain [1] start processing
01:08:12 - cmdstanpy - INFO - Chain [1] done processing
01:08:12 - cmdstanpy - INFO - Chain [1] start processing
01:08:12 - cmdstanpy - INFO - Chain [1] done processing
01:08:13 - cmdstanpy - INFO - Chain [1] start processing
01:08:13 - cmdstanpy - INFO - Chain [1] done processing
01:08:13 - cmdstanpy - INFO - Chain [1] start processing
01:08:13 - cmdstanpy - INFO - Chain [1] done processing
01:08:13 - cmdstanpy - INFO - Chain [1] start processing
01:08:13 - cmdstanpy - INFO - Chain [1] done processing
01:08:14 - cmdstanpy - INFO - Chain [1] start processing
01:08:14 - cmdstanpy - INFO - Chain [1] done processing
01:08:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:14 - cmdstanpy - INFO - Chain [1] start processing
01:08:14 - cmdstanpy - INFO - Chain [1] done processing
01:08:14 - cmdstanpy - INFO - Chain [1] start processing
01:08:14 - cmdstanpy - INFO - Chain [1] done processing
01:08:15 - cmdstanpy - INFO - Chain [1] start processing
01:08:15 - cmdstanpy - INFO - Chain [1] done processing
01:08:15 - cmdstanpy - INFO - Chain [1] start processing
01:08:15 - cmdstanpy - INFO - Chain [1] done processing
01:08:15 - cmdstanpy - INFO - Chain [1] start processing
01:08:15 - cmdstanpy - INFO - Chain [1] done processing
01:08:16 - cmdstanpy - INFO - Chain [1] start processing
01:08:16 - cmdstanpy - INFO - Chain [1] done processing
01:08:16 - cmdstanpy - INFO - Chain [1] start processing
01:08:16 - cmdstanpy - INFO - Chain [1] done processing
01:08:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:16 - cmdstanpy - INFO - Chain [1] start processing
01:08:16 - cmdstanpy - INFO - Chain [1] done processing
01:08:17 - cmdstanpy - INFO - Chain [1] start processing
01:08:17 - cmdstanpy - INFO - Chain [1] done processing
01:08:17 - cmdstanpy - INFO - Chain [1] start processing
01:08:17 - cmdstanpy - INFO - Chain [1] done processing
01:08:17 - cmdstanpy - INFO - Chain [1] start processing
01:08:18 - cmdstanpy - INFO - Chain [1] done processing
01:08:18 - cmdstanpy - INFO - Chain [1] start processing
01:08:18 - cmdstanpy - INFO - Chain [1] done processing
01:08:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:18 - cmdstanpy - INFO - Chain [1] start processing
01:08:18 - cmdstanpy - INFO - Chain [1] done processing
01:08:18 - cmdstanpy - INFO - Chain [1] start processing
01:08:19 - cmdstanpy - INFO - Chain [1] done processing
01:08:19 - cmdstanpy - INFO - Chain [1] start processing
01:08:19 - cmdstanpy - INFO - Chain [1] done processing
01:08:19 - cmdstanpy - INFO - Chain [1] start processing
01:08:19 - cmdstanpy - INFO - Chain [1] done processing
01:08:20 - cmdstanpy - INFO - Chain [1] start processing
01:08:20 - cmdstanpy - INFO - Chain [1] done processing
01:08:20 - cmdstanpy - INFO - Chain [1] start processing
01:08:20 - cmdstanpy - INFO - Chain [1] done processing
01:08:20 - cmdstanpy - INFO - Chain [1] start processing
01:08:20 - cmdstanpy - INFO - Chain [1] done processing
01:08:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:20 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:08:20 - cmdstanpy - INFO - Chain [1] done processing
01:08:21 - cmdstanpy - INFO - Chain [1] start processing
01:08:21 - cmdstanpy - INFO - Chain [1] done processing
01:08:21 - cmdstanpy - INFO - Chain [1] start processing
01:08:21 - cmdstanpy - INFO - Chain [1] done processing
01:08:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:21 - cmdstanpy - INFO - Chain [1] start processing
01:08:21 - cmdstanpy - INFO - Chain [1] done processing
01:08:22 - cmdstanpy - INFO - Chain [1] start processing
01:08:22 - cmdstanpy - INFO - Chain [1] done processing
01:08:22 - cmdstanpy - INFO - Chain [1] start processing
01:08:22 - cmdstanpy - INFO - Chain [1] done processing
01:08:23 - cmdstanpy - INFO - Chain [1] start processing
01:08:23 - cmdstanpy - INFO - Chain [1] done processing
01:08:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:23 - cmdstanpy - INFO - Chain [1] start processing
01:08:23 - cmdstanpy - INFO - Chain [1] done processing
01:08:23 - cmdstanpy - INFO - Chain [1] start processing
01:08:23 - cmdstanpy - INFO - Chain [1] done processing
01:08:24 - cmdstanpy - INFO - Chain [1] start processing
01:08:24 - cmdstanpy - INFO - Chain [1] done processing
01:08:24 - cmdstanpy - INFO - Chain [1] start processing
01:08:24 - cmdstanpy - INFO - Chain [1] done processing
01:08:24 - cmdstanpy - INFO - Chain [1] start processing
01:08:24 - cmdstanpy - INFO - Chain [1] done processing
01:08:25 - cmdstanpy - INFO - Chain [1] start processing
01:08:25 - cmdstanpy - INFO - Chain [1] done processing
01:08:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:25 - cmdstanpy - INFO - Chain [1] start processing
01:08:25 - cmdstanpy - INFO - Chain [1] done processing
01:08:25 - cmdstanpy - INFO - Chain [1] start processing
01:08:25 - cmdstanpy - INFO - Chain [1] done processing
01:08:26 - cmdstanpy - INFO - Chain [1] start processing
01:08:26 - cmdstanpy - INFO - Chain [1] done processing
01:08:26 - cmdstanpy - INFO - Chain [1] start processing
01:08:26 - cmdstanpy - INFO - Chain [1] done processing
01:08:26 - cmdstanpy - INFO - Chain [1] start processing
01:08:26 - cmdstanpy - INFO - Chain [1] done processing
01:08:27 - cmdstanpy - INFO - Chain [1] start processing
01:08:27 - cmdstanpy - INFO - Chain [1] done processing
01:08:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:27 - cmdstanpy - INFO - Chain [1] start processing
01:08:27 - cmdstanpy - INFO - Chain [1] done processing
01:08:27 - cmdstanpy - INFO - Chain [1] start processing
01:08:27 - cmdstanpy - INFO - Chain [1] done processing
01:08:28 - cmdstanpy - INFO - Chain [1] start processing
01:08:28 - cmdstanpy - INFO - Chain [1] done processing
01:08:28 - cmdstanpy - INFO - Chain [1] start processing
01:08:28 - cmdstanpy - INFO - Chain [1] done processing
01:08:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:28 - cmdstanpy - INFO - Chain [1] start processing
01:08:28 - cmdstanpy - INFO - Chain [1] done processing
01:08:29 - cmdstanpy - INFO - Chain [1] start processing
01:08:29 - cmdstanpy - INFO - Chain [1] done processing
01:08:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:29 - cmdstanpy - INFO - Chain [1] start processing
01:08:29 - cmdstanpy - INFO - Chain [1] done processing
01:08:29 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:08:29 - cmdstanpy - INFO - Chain [1] done processing
01:08:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:29 - cmdstanpy - INFO - Chain [1] start processing
01:08:30 - cmdstanpy - INFO - Chain [1] done processing
01:08:30 - cmdstanpy - INFO - Chain [1] start processing
01:08:30 - cmdstanpy - INFO - Chain [1] done processing
01:08:30 - cmdstanpy - INFO - Chain [1] start processing
01:08:30 - cmdstanpy - INFO - Chain [1] done processing
01:08:30 - cmdstanpy - INFO - Chain [1] start processing
01:08:31 - cmdstanpy - INFO - Chain [1] done processing
01:08:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:31 - cmdstanpy - INFO - Chain [1] start processing
01:08:31 - cmdstanpy - INFO - Chain [1] done processing
01:08:31 - cmdstanpy - INFO - Chain [1] start processing
01:08:31 - cmdstanpy - INFO - Chain [1] done processing
01:08:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:31 - cmdstanpy - INFO - Chain [1] start processing
01:08:31 - cmdstanpy - INFO - Chain [1] done processing
01:08:32 - cmdstanpy - INFO - Chain [1] start processing
01:08:32 - cmdstanpy - INFO - Chain [1] done processing
01:08:32 - cmdstanpy - INFO - Chain [1] start processing
01:08:32 - cmdstanpy - INFO - Chain [1] done processing
01:08:32 - cmdstanpy - INFO - Chain [1] start processing
01:08:32 - cmdstanpy - INFO - Chain [1] done processing
01:08:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:32 - cmdstanpy - INFO - Chain [1] start processing
01:08:32 - cmdstanpy - INFO - Chain [1] done processing
01:08:33 - cmdstanpy - INFO - Chain [1] start processing
01:08:33 - cmdstanpy - INFO - Chain [1] done processing
01:08:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:33 - cmdstanpy - INFO - Chain [1] start processing
01:08:33 - cmdstanpy - INFO - Chain [1] done processing
01:08:33 - cmdstanpy - INFO - Chain [1] start processing
01:08:33 - cmdstanpy - INFO - Chain [1] done processing
01:08:34 - cmdstanpy - INFO - Chain [1] start processing
01:08:34 - cmdstanpy - INFO - Chain [1] done processing
01:08:34 - cmdstanpy - INFO - Chain [1] start processing
01:08:34 - cmdstanpy - INFO - Chain [1] done processing
01:08:34 - cmdstanpy - INFO - Chain [1] start processing
01:08:34 - cmdstanpy - INFO - Chain [1] done processing
01:08:35 - cmdstanpy - INFO - Chain [1] start processing
01:08:35 - cmdstanpy - INFO - Chain [1] done processing
01:08:35 - cmdstanpy - INFO - Chain [1] start processing
01:08:35 - cmdstanpy - INFO - Chain [1] done processing
01:08:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:35 - cmdstanpy - INFO - Chain [1] start processing
01:08:35 - cmdstanpy - INFO - Chain [1] done processing
01:08:35 - cmdstanpy - INFO - Chain [1] start processing
01:08:35 - cmdstanpy - INFO - Chain [1] done processing
01:08:36 - cmdstanpy - INFO - Chain [1] start processing
01:08:36 - cmdstanpy - INFO - Chain [1] done processing
01:08:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:36 - cmdstanpy - INFO - Chain [1] start processing
01:08:36 - cmdstanpy - INFO - Chain [1] done processing
01:08:36 - cmdstanpy - INFO - Chain [1] start processing
01:08:36 - cmdstanpy - INFO - Chain [1] done processing
01:08:37 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:08:37 - cmdstanpy - INFO - Chain [1] done processing
01:08:37 - cmdstanpy - INFO - Chain [1] start processing
01:08:37 - cmdstanpy - INFO - Chain [1] done processing
01:08:37 - cmdstanpy - INFO - Chain [1] start processing
01:08:37 - cmdstanpy - INFO - Chain [1] done processing
01:08:38 - cmdstanpy - INFO - Chain [1] start processing
01:08:38 - cmdstanpy - INFO - Chain [1] done processing
01:08:38 - cmdstanpy - INFO - Chain [1] start processing
01:08:38 - cmdstanpy - INFO - Chain [1] done processing
01:08:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:38 - cmdstanpy - INFO - Chain [1] start processing
01:08:38 - cmdstanpy - INFO - Chain [1] done processing
01:08:39 - cmdstanpy - INFO - Chain [1] start processing
01:08:39 - cmdstanpy - INFO - Chain [1] done processing
01:08:40 - cmdstanpy - INFO - Chain [1] start processing
01:08:40 - cmdstanpy - INFO - Chain [1] done processing
01:08:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:40 - cmdstanpy - INFO - Chain [1] start processing
01:08:41 - cmdstanpy - INFO - Chain [1] done processing
01:08:41 - cmdstanpy - INFO - Chain [1] start processing
01:08:41 - cmdstanpy - INFO - Chain [1] done processing
01:08:41 - cmdstanpy - INFO - Chain [1] start processing
01:08:41 - cmdstanpy - INFO - Chain [1] done processing
01:08:42 - cmdstanpy - INFO - Chain [1] start processing
01:08:42 - cmdstanpy - INFO - Chain [1] done processing
01:08:42 - cmdstanpy - INFO - Chain [1] start processing
01:08:42 - cmdstanpy - INFO - Chain [1] done processing
01:08:43 - cmdstanpy - INFO - Chain [1] start processing
01:08:43 - cmdstanpy - INFO - Chain [1] done processing
01:08:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:43 - cmdstanpy - INFO - Chain [1] start processing
01:08:43 - cmdstanpy - INFO - Chain [1] done processing
01:08:44 - cmdstanpy - INFO - Chain [1] start processing
01:08:44 - cmdstanpy - INFO - Chain [1] done processing
01:08:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:44 - cmdstanpy - INFO - Chain [1] start processing
01:08:44 - cmdstanpy - INFO - Chain [1] done processing
01:08:44 - cmdstanpy - INFO - Chain [1] start processing
01:08:44 - cmdstanpy - INFO - Chain [1] done processing
01:08:45 - cmdstanpy - INFO - Chain [1] start processing
01:08:45 - cmdstanpy - INFO - Chain [1] done processing
01:08:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:45 - cmdstanpy - INFO - Chain [1] start processing
01:08:45 - cmdstanpy - INFO - Chain [1] done processing
01:08:46 - cmdstanpy - INFO - Chain [1] start processing
01:08:46 - cmdstanpy - INFO - Chain [1] done processing
01:08:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:46 - cmdstanpy - INFO - Chain [1] start processing
01:08:46 - cmdstanpy - INFO - Chain [1] done processing
01:08:46 - cmdstanpy - INFO - Chain [1] start processing
01:08:46 - cmdstanpy - INFO - Chain [1] done processing
01:08:47 - cmdstanpy - INFO - Chain [1] start processing
01:08:47 - cmdstanpy - INFO - Chain [1] done processing
01:08:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:47 - cmdstanpy - INFO - Chain [1] start processing
01:08:47 - cmdstanpy - INFO - Chain [1] done processing
01:08:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:08:48 - cmdstanpy - INFO - Chain [1] done processing
01:08:48 - cmdstanpy - INFO - Chain [1] start processing
01:08:48 - cmdstanpy - INFO - Chain [1] done processing
01:08:48 - cmdstanpy - INFO - Chain [1] start processing
01:08:48 - cmdstanpy - INFO - Chain [1] done processing
01:08:49 - cmdstanpy - INFO - Chain [1] start processing
01:08:49 - cmdstanpy - INFO - Chain [1] done processing
01:08:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:49 - cmdstanpy - INFO - Chain [1] start processing
01:08:49 - cmdstanpy - INFO - Chain [1] done processing
01:08:49 - cmdstanpy - INFO - Chain [1] start processing
01:08:49 - cmdstanpy - INFO - Chain [1] done processing
01:08:50 - cmdstanpy - INFO - Chain [1] start processing
01:08:50 - cmdstanpy - INFO - Chain [1] done processing
01:08:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:50 - cmdstanpy - INFO - Chain [1] start processing
01:08:50 - cmdstanpy - INFO - Chain [1] done processing
01:08:50 - cmdstanpy - INFO - Chain [1] start processing
01:08:50 - cmdstanpy - INFO - Chain [1] done processing
01:08:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:50 - cmdstanpy - INFO - Chain [1] start processing
01:08:51 - cmdstanpy - INFO - Chain [1] done processing
01:08:51 - cmdstanpy - INFO - Chain [1] start processing
01:08:51 - cmdstanpy - INFO - Chain [1] done processing
01:08:51 - cmdstanpy - INFO - Chain [1] start processing
01:08:51 - cmdstanpy - INFO - Chain [1] done processing
01:08:51 - cmdstanpy - INFO - Chain [1] start processing
01:08:52 - cmdstanpy - INFO - Chain [1] done processing
01:08:52 - cmdstanpy - INFO - Chain [1] start processing
01:08:52 - cmdstanpy - INFO - Chain [1] done processing
01:08:52 - cmdstanpy - INFO - Chain [1] start processing
01:08:52 - cmdstanpy - INFO - Chain [1] done processing
01:08:53 - cmdstanpy - INFO - Chain [1] start processing
01:08:53 - cmdstanpy - INFO - Chain [1] done processing
01:08:53 - cmdstanpy - INFO - Chain [1] start processing
01:08:53 - cmdstanpy - INFO - Chain [1] done processing
01:08:53 - cmdstanpy - INFO - Chain [1] start processing
01:08:53 - cmdstanpy - INFO - Chain [1] done processing
01:08:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:53 - cmdstanpy - INFO - Chain [1] start processing
01:08:53 - cmdstanpy - INFO - Chain [1] done processing
01:08:54 - cmdstanpy - INFO - Chain [1] start processing
01:08:54 - cmdstanpy - INFO - Chain [1] done processing
01:08:54 - cmdstanpy - INFO - Chain [1] start processing
01:08:54 - cmdstanpy - INFO - Chain [1] done processing
01:08:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:54 - cmdstanpy - INFO - Chain [1] start processing
01:08:54 - cmdstanpy - INFO - Chain [1] done processing
01:08:55 - cmdstanpy - INFO - Chain [1] start processing
01:08:55 - cmdstanpy - INFO - Chain [1] done processing
01:08:55 - cmdstanpy - INFO - Chain [1] start processing
01:08:55 - cmdstanpy - INFO - Chain [1] done processing
01:08:55 - cmdstanpy - INFO - Chain [1] start processing
01:08:55 - cmdstanpy - INFO - Chain [1] done processing
01:08:56 - cmdstanpy - INFO - Chain [1] start processing
01:08:56 - cmdstanpy - INFO - Chain [1] done processing
01:08:56 - cmdstanpy - INFO - Chain [1] start processing
01:08:56 - cmdstanpy - INFO - Chain [1] done processing
01:08:56 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:08:56 - cmdstanpy - INFO - Chain [1] done processing
01:08:57 - cmdstanpy - INFO - Chain [1] start processing
01:08:57 - cmdstanpy - INFO - Chain [1] done processing
01:08:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:08:57 - cmdstanpy - INFO - Chain [1] start processing
01:08:57 - cmdstanpy - INFO - Chain [1] done processing
01:08:57 - cmdstanpy - INFO - Chain [1] start processing
01:08:57 - cmdstanpy - INFO - Chain [1] done processing
01:08:57 - cmdstanpy - INFO - Chain [1] start processing
01:08:58 - cmdstanpy - INFO - Chain [1] done processing
01:08:58 - cmdstanpy - INFO - Chain [1] start processing
01:08:58 - cmdstanpy - INFO - Chain [1] done processing
01:08:58 - cmdstanpy - INFO - Chain [1] start processing
01:08:58 - cmdstanpy - INFO - Chain [1] done processing
01:08:59 - cmdstanpy - INFO - Chain [1] start processing
01:08:59 - cmdstanpy - INFO - Chain [1] done processing
01:08:59 - cmdstanpy - INFO - Chain [1] start processing
01:08:59 - cmdstanpy - INFO - Chain [1] done processing
01:08:59 - cmdstanpy - INFO - Chain [1] start processing
01:08:59 - cmdstanpy - INFO - Chain [1] done processing
01:09:00 - cmdstanpy - INFO - Chain [1] start processing
01:09:00 - cmdstanpy - INFO - Chain [1] done processing
01:09:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:00 - cmdstanpy - INFO - Chain [1] start processing
01:09:00 - cmdstanpy - INFO - Chain [1] done processing
01:09:00 - cmdstanpy - INFO - Chain [1] start processing
01:09:00 - cmdstanpy - INFO - Chain [1] done processing
01:09:00 - cmdstanpy - INFO - Chain [1] start processing
01:09:01 - cmdstanpy - INFO - Chain [1] done processing
01:09:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:01 - cmdstanpy - INFO - Chain [1] start processing
01:09:01 - cmdstanpy - INFO - Chain [1] done processing
01:09:01 - cmdstanpy - INFO - Chain [1] start processing
01:09:01 - cmdstanpy - INFO - Chain [1] done processing
01:09:01 - cmdstanpy - INFO - Chain [1] start processing
01:09:01 - cmdstanpy - INFO - Chain [1] done processing
01:09:02 - cmdstanpy - INFO - Chain [1] start processing
01:09:02 - cmdstanpy - INFO - Chain [1] done processing
01:09:02 - cmdstanpy - INFO - Chain [1] start processing
01:09:02 - cmdstanpy - INFO - Chain [1] done processing
01:09:02 - cmdstanpy - INFO - Chain [1] start processing
01:09:02 - cmdstanpy - INFO - Chain [1] done processing
01:09:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:02 - cmdstanpy - INFO - Chain [1] start processing
01:09:03 - cmdstanpy - INFO - Chain [1] done processing
01:09:03 - cmdstanpy - INFO - Chain [1] start processing
01:09:03 - cmdstanpy - INFO - Chain [1] done processing
01:09:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:03 - cmdstanpy - INFO - Chain [1] start processing
01:09:03 - cmdstanpy - INFO - Chain [1] done processing
01:09:04 - cmdstanpy - INFO - Chain [1] start processing
01:09:04 - cmdstanpy - INFO - Chain [1] done processing
01:09:04 - cmdstanpy - INFO - Chain [1] start processing
01:09:04 - cmdstanpy - INFO - Chain [1] done processing
01:09:04 - cmdstanpy - INFO - Chain [1] start processing
01:09:04 - cmdstanpy - INFO - Chain [1] done processing
01:09:05 - cmdstanpy - INFO - Chain [1] start processing
01:09:05 - cmdstanpy - INFO - Chain [1] done processing
01:09:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:09:05 - cmdstanpy - INFO - Chain [1] done processing
01:09:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:05 - cmdstanpy - INFO - Chain [1] start processing
01:09:06 - cmdstanpy - INFO - Chain [1] done processing
01:09:06 - cmdstanpy - INFO - Chain [1] start processing
01:09:06 - cmdstanpy - INFO - Chain [1] done processing
01:09:06 - cmdstanpy - INFO - Chain [1] start processing
01:09:06 - cmdstanpy - INFO - Chain [1] done processing
01:09:07 - cmdstanpy - INFO - Chain [1] start processing
01:09:07 - cmdstanpy - INFO - Chain [1] done processing
01:09:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:07 - cmdstanpy - INFO - Chain [1] start processing
01:09:07 - cmdstanpy - INFO - Chain [1] done processing
01:09:07 - cmdstanpy - INFO - Chain [1] start processing
01:09:07 - cmdstanpy - INFO - Chain [1] done processing
01:09:07 - cmdstanpy - INFO - Chain [1] start processing
01:09:07 - cmdstanpy - INFO - Chain [1] done processing
01:09:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:07 - cmdstanpy - INFO - Chain [1] start processing
01:09:08 - cmdstanpy - INFO - Chain [1] done processing
01:09:08 - cmdstanpy - INFO - Chain [1] start processing
01:09:08 - cmdstanpy - INFO - Chain [1] done processing
01:09:08 - cmdstanpy - INFO - Chain [1] start processing
01:09:08 - cmdstanpy - INFO - Chain [1] done processing
01:09:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:08 - cmdstanpy - INFO - Chain [1] start processing
01:09:09 - cmdstanpy - INFO - Chain [1] done processing
01:09:09 - cmdstanpy - INFO - Chain [1] start processing
01:09:09 - cmdstanpy - INFO - Chain [1] done processing
01:09:09 - cmdstanpy - INFO - Chain [1] start processing
01:09:09 - cmdstanpy - INFO - Chain [1] done processing
01:09:09 - cmdstanpy - INFO - Chain [1] start processing
01:09:09 - cmdstanpy - INFO - Chain [1] done processing
01:09:10 - cmdstanpy - INFO - Chain [1] start processing
01:09:10 - cmdstanpy - INFO - Chain [1] done processing
01:09:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:10 - cmdstanpy - INFO - Chain [1] start processing
01:09:10 - cmdstanpy - INFO - Chain [1] done processing
01:09:10 - cmdstanpy - INFO - Chain [1] start processing
01:09:10 - cmdstanpy - INFO - Chain [1] done processing
01:09:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:10 - cmdstanpy - INFO - Chain [1] start processing
01:09:11 - cmdstanpy - INFO - Chain [1] done processing
01:09:11 - cmdstanpy - INFO - Chain [1] start processing
01:09:11 - cmdstanpy - INFO - Chain [1] done processing
01:09:11 - cmdstanpy - INFO - Chain [1] start processing
01:09:11 - cmdstanpy - INFO - Chain [1] done processing
01:09:12 - cmdstanpy - INFO - Chain [1] start processing
01:09:12 - cmdstanpy - INFO - Chain [1] done processing
01:09:12 - cmdstanpy - INFO - Chain [1] start processing
01:09:12 - cmdstanpy - INFO - Chain [1] done processing
01:09:12 - cmdstanpy - INFO - Chain [1] start processing
01:09:12 - cmdstanpy - INFO - Chain [1] done processing
01:09:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:13 - cmdstanpy - INFO - Chain [1] start processing
01:09:13 - cmdstanpy - INFO - Chain [1] done processing
01:09:13 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:09:13 - cmdstanpy - INFO - Chain [1] done processing
01:09:14 - cmdstanpy - INFO - Chain [1] start processing
01:09:14 - cmdstanpy - INFO - Chain [1] done processing
01:09:14 - cmdstanpy - INFO - Chain [1] start processing
01:09:14 - cmdstanpy - INFO - Chain [1] done processing
01:09:14 - cmdstanpy - INFO - Chain [1] start processing
01:09:14 - cmdstanpy - INFO - Chain [1] done processing
01:09:15 - cmdstanpy - INFO - Chain [1] start processing
01:09:15 - cmdstanpy - INFO - Chain [1] done processing
01:09:15 - cmdstanpy - INFO - Chain [1] start processing
01:09:15 - cmdstanpy - INFO - Chain [1] done processing
01:09:15 - cmdstanpy - INFO - Chain [1] start processing
01:09:15 - cmdstanpy - INFO - Chain [1] done processing
01:09:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:15 - cmdstanpy - INFO - Chain [1] start processing
01:09:15 - cmdstanpy - INFO - Chain [1] done processing
01:09:16 - cmdstanpy - INFO - Chain [1] start processing
01:09:16 - cmdstanpy - INFO - Chain [1] done processing
01:09:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:16 - cmdstanpy - INFO - Chain [1] start processing
01:09:16 - cmdstanpy - INFO - Chain [1] done processing
01:09:16 - cmdstanpy - INFO - Chain [1] start processing
01:09:16 - cmdstanpy - INFO - Chain [1] done processing
01:09:17 - cmdstanpy - INFO - Chain [1] start processing
01:09:17 - cmdstanpy - INFO - Chain [1] done processing
01:09:17 - cmdstanpy - INFO - Chain [1] start processing
01:09:17 - cmdstanpy - INFO - Chain [1] done processing
01:09:17 - cmdstanpy - INFO - Chain [1] start processing
01:09:17 - cmdstanpy - INFO - Chain [1] done processing
01:09:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:17 - cmdstanpy - INFO - Chain [1] start processing
01:09:18 - cmdstanpy - INFO - Chain [1] done processing
01:09:18 - cmdstanpy - INFO - Chain [1] start processing
01:09:18 - cmdstanpy - INFO - Chain [1] done processing
01:09:18 - cmdstanpy - INFO - Chain [1] start processing
01:09:18 - cmdstanpy - INFO - Chain [1] done processing
01:09:19 - cmdstanpy - INFO - Chain [1] start processing
01:09:19 - cmdstanpy - INFO - Chain [1] done processing
01:09:19 - cmdstanpy - INFO - Chain [1] start processing
01:09:19 - cmdstanpy - INFO - Chain [1] done processing
01:09:19 - cmdstanpy - INFO - Chain [1] start processing
01:09:19 - cmdstanpy - INFO - Chain [1] done processing
01:09:20 - cmdstanpy - INFO - Chain [1] start processing
01:09:20 - cmdstanpy - INFO - Chain [1] done processing
01:09:20 - cmdstanpy - INFO - Chain [1] start processing
01:09:20 - cmdstanpy - INFO - Chain [1] done processing
01:09:20 - cmdstanpy - INFO - Chain [1] start processing
01:09:21 - cmdstanpy - INFO - Chain [1] done processing
01:09:21 - cmdstanpy - INFO - Chain [1] start processing
01:09:21 - cmdstanpy - INFO - Chain [1] done processing
01:09:21 - cmdstanpy - INFO - Chain [1] start processing
01:09:21 - cmdstanpy - INFO - Chain [1] done processing
01:09:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:21 - cmdstanpy - INFO - Chain [1] start processing
01:09:22 - cmdstanpy - INFO - Chain [1] done processing
01:09:22 - cmdstanpy - INFO - Chain [1] start processing
01:09:22 - cmdstanpy - INFO - Chain [1] done processing
01:09:22 - cmdstanpy - INFO - Chain [1] start processing
01:09:22 - cmdstanpy - INFO - Chain [1] done processing
01:09:23 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:09:23 - cmdstanpy - INFO - Chain [1] done processing
01:09:23 - cmdstanpy - INFO - Chain [1] start processing
01:09:23 - cmdstanpy - INFO - Chain [1] done processing
01:09:23 - cmdstanpy - INFO - Chain [1] start processing
01:09:23 - cmdstanpy - INFO - Chain [1] done processing
01:09:24 - cmdstanpy - INFO - Chain [1] start processing
01:09:24 - cmdstanpy - INFO - Chain [1] done processing
01:09:24 - cmdstanpy - INFO - Chain [1] start processing
01:09:24 - cmdstanpy - INFO - Chain [1] done processing
01:09:24 - cmdstanpy - INFO - Chain [1] start processing
01:09:25 - cmdstanpy - INFO - Chain [1] done processing
01:09:25 - cmdstanpy - INFO - Chain [1] start processing
01:09:25 - cmdstanpy - INFO - Chain [1] done processing
01:09:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:25 - cmdstanpy - INFO - Chain [1] start processing
01:09:25 - cmdstanpy - INFO - Chain [1] done processing
01:09:25 - cmdstanpy - INFO - Chain [1] start processing
01:09:26 - cmdstanpy - INFO - Chain [1] done processing
01:09:26 - cmdstanpy - INFO - Chain [1] start processing
01:09:26 - cmdstanpy - INFO - Chain [1] done processing
01:09:26 - cmdstanpy - INFO - Chain [1] start processing
01:09:26 - cmdstanpy - INFO - Chain [1] done processing
01:09:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:26 - cmdstanpy - INFO - Chain [1] start processing
01:09:26 - cmdstanpy - INFO - Chain [1] done processing
01:09:27 - cmdstanpy - INFO - Chain [1] start processing
01:09:27 - cmdstanpy - INFO - Chain [1] done processing
01:09:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:27 - cmdstanpy - INFO - Chain [1] start processing
01:09:27 - cmdstanpy - INFO - Chain [1] done processing
01:09:27 - cmdstanpy - INFO - Chain [1] start processing
01:09:27 - cmdstanpy - INFO - Chain [1] done processing
01:09:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:27 - cmdstanpy - INFO - Chain [1] start processing
01:09:28 - cmdstanpy - INFO - Chain [1] done processing
01:09:28 - cmdstanpy - INFO - Chain [1] start processing
01:09:28 - cmdstanpy - INFO - Chain [1] done processing
01:09:28 - cmdstanpy - INFO - Chain [1] start processing
01:09:28 - cmdstanpy - INFO - Chain [1] done processing
01:09:28 - cmdstanpy - INFO - Chain [1] start processing
01:09:29 - cmdstanpy - INFO - Chain [1] done processing
01:09:29 - cmdstanpy - INFO - Chain [1] start processing
01:09:29 - cmdstanpy - INFO - Chain [1] done processing
01:09:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:29 - cmdstanpy - INFO - Chain [1] start processing
01:09:29 - cmdstanpy - INFO - Chain [1] done processing
01:09:29 - cmdstanpy - INFO - Chain [1] start processing
01:09:29 - cmdstanpy - INFO - Chain [1] done processing
01:09:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:29 - cmdstanpy - INFO - Chain [1] start processing
01:09:30 - cmdstanpy - INFO - Chain [1] done processing
01:09:30 - cmdstanpy - INFO - Chain [1] start processing
01:09:30 - cmdstanpy - INFO - Chain [1] done processing
01:09:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:30 - cmdstanpy - INFO - Chain [1] start processing
01:09:30 - cmdstanpy - INFO - Chain [1] done processing
01:09:30 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:09:30 - cmdstanpy - INFO - Chain [1] done processing
01:09:31 - cmdstanpy - INFO - Chain [1] start processing
01:09:31 - cmdstanpy - INFO - Chain [1] done processing
01:09:31 - cmdstanpy - INFO - Chain [1] start processing
01:09:31 - cmdstanpy - INFO - Chain [1] done processing
01:09:31 - cmdstanpy - INFO - Chain [1] start processing
01:09:31 - cmdstanpy - INFO - Chain [1] done processing
01:09:32 - cmdstanpy - INFO - Chain [1] start processing
01:09:32 - cmdstanpy - INFO - Chain [1] done processing
01:09:32 - cmdstanpy - INFO - Chain [1] start processing
01:09:32 - cmdstanpy - INFO - Chain [1] done processing
01:09:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:32 - cmdstanpy - INFO - Chain [1] start processing
01:09:32 - cmdstanpy - INFO - Chain [1] done processing
01:09:33 - cmdstanpy - INFO - Chain [1] start processing
01:09:33 - cmdstanpy - INFO - Chain [1] done processing
01:09:33 - cmdstanpy - INFO - Chain [1] start processing
01:09:33 - cmdstanpy - INFO - Chain [1] done processing
01:09:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:33 - cmdstanpy - INFO - Chain [1] start processing
01:09:33 - cmdstanpy - INFO - Chain [1] done processing
01:09:34 - cmdstanpy - INFO - Chain [1] start processing
01:09:34 - cmdstanpy - INFO - Chain [1] done processing
01:09:34 - cmdstanpy - INFO - Chain [1] start processing
01:09:34 - cmdstanpy - INFO - Chain [1] done processing
01:09:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:34 - cmdstanpy - INFO - Chain [1] start processing
01:09:34 - cmdstanpy - INFO - Chain [1] done processing
01:09:35 - cmdstanpy - INFO - Chain [1] start processing
01:09:35 - cmdstanpy - INFO - Chain [1] done processing
01:09:35 - cmdstanpy - INFO - Chain [1] start processing
01:09:35 - cmdstanpy - INFO - Chain [1] done processing
01:09:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:35 - cmdstanpy - INFO - Chain [1] start processing
01:09:35 - cmdstanpy - INFO - Chain [1] done processing
01:09:36 - cmdstanpy - INFO - Chain [1] start processing
01:09:36 - cmdstanpy - INFO - Chain [1] done processing
01:09:36 - cmdstanpy - INFO - Chain [1] start processing
01:09:36 - cmdstanpy - INFO - Chain [1] done processing
01:09:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:36 - cmdstanpy - INFO - Chain [1] start processing
01:09:36 - cmdstanpy - INFO - Chain [1] done processing
01:09:37 - cmdstanpy - INFO - Chain [1] start processing
01:09:37 - cmdstanpy - INFO - Chain [1] done processing
01:09:37 - cmdstanpy - INFO - Chain [1] start processing
01:09:37 - cmdstanpy - INFO - Chain [1] done processing
01:09:37 - cmdstanpy - INFO - Chain [1] start processing
01:09:37 - cmdstanpy - INFO - Chain [1] done processing
01:09:38 - cmdstanpy - INFO - Chain [1] start processing
01:09:38 - cmdstanpy - INFO - Chain [1] done processing
01:09:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:38 - cmdstanpy - INFO - Chain [1] start processing
01:09:38 - cmdstanpy - INFO - Chain [1] done processing
01:09:38 - cmdstanpy - INFO - Chain [1] start processing
01:09:38 - cmdstanpy - INFO - Chain [1] done processing
01:09:38 - cmdstanpy - INFO - Chain [1] start processing
01:09:38 - cmdstanpy - INFO - Chain [1] done processing
01:09:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:09:38 - cmdstanpy - INFO - Chain [1] start processing
01:09:39 - cmdstanpy - INFO - Chain [1] done processing
01:09:39 - cmdstanpy - INFO - Chain [1] start processing
01:09:39 - cmdstanpy - INFO - Chain [1] done processing
01:09:39 - cmdstanpy - INFO - Chain [1] start processing
01:09:39 - cmdstanpy - INFO - Chain [1] done processing
01:09:40 - cmdstanpy - INFO - Chain [1] start processing
01:09:40 - cmdstanpy - INFO - Chain [1] done processing
01:09:40 - cmdstanpy - INFO - Chain [1] start processing
01:09:40 - cmdstanpy - INFO - Chain [1] done processing
01:09:40 - cmdstanpy - INFO - Chain [1] start processing
01:09:40 - cmdstanpy - INFO - Chain [1] done processing
01:09:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:40 - cmdstanpy - INFO - Chain [1] start processing
01:09:41 - cmdstanpy - INFO - Chain [1] done processing
01:09:41 - cmdstanpy - INFO - Chain [1] start processing
01:09:41 - cmdstanpy - INFO - Chain [1] done processing
01:09:41 - cmdstanpy - INFO - Chain [1] start processing
01:09:41 - cmdstanpy - INFO - Chain [1] done processing
01:09:42 - cmdstanpy - INFO - Chain [1] start processing
01:09:42 - cmdstanpy - INFO - Chain [1] done processing
01:09:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:42 - cmdstanpy - INFO - Chain [1] start processing
01:09:42 - cmdstanpy - INFO - Chain [1] done processing
01:09:42 - cmdstanpy - INFO - Chain [1] start processing
01:09:42 - cmdstanpy - INFO - Chain [1] done processing
01:09:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:42 - cmdstanpy - INFO - Chain [1] start processing
01:09:42 - cmdstanpy - INFO - Chain [1] done processing
01:09:43 - cmdstanpy - INFO - Chain [1] start processing
01:09:43 - cmdstanpy - INFO - Chain [1] done processing
01:09:43 - cmdstanpy - INFO - Chain [1] start processing
01:09:43 - cmdstanpy - INFO - Chain [1] done processing
01:09:43 - cmdstanpy - INFO - Chain [1] start processing
01:09:43 - cmdstanpy - INFO - Chain [1] done processing
01:09:44 - cmdstanpy - INFO - Chain [1] start processing
01:09:44 - cmdstanpy - INFO - Chain [1] done processing
01:09:44 - cmdstanpy - INFO - Chain [1] start processing
01:09:44 - cmdstanpy - INFO - Chain [1] done processing
01:09:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:44 - cmdstanpy - INFO - Chain [1] start processing
01:09:44 - cmdstanpy - INFO - Chain [1] done processing
01:09:45 - cmdstanpy - INFO - Chain [1] start processing
01:09:45 - cmdstanpy - INFO - Chain [1] done processing
01:09:45 - cmdstanpy - INFO - Chain [1] start processing
01:09:45 - cmdstanpy - INFO - Chain [1] done processing
01:09:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:45 - cmdstanpy - INFO - Chain [1] start processing
01:09:45 - cmdstanpy - INFO - Chain [1] done processing
01:09:46 - cmdstanpy - INFO - Chain [1] start processing
01:09:46 - cmdstanpy - INFO - Chain [1] done processing
01:09:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:46 - cmdstanpy - INFO - Chain [1] start processing
01:09:46 - cmdstanpy - INFO - Chain [1] done processing
01:09:46 - cmdstanpy - INFO - Chain [1] start processing
01:09:47 - cmdstanpy - INFO - Chain [1] done processing
01:09:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:09:47 - cmdstanpy - INFO - Chain [1] done processing
01:09:47 - cmdstanpy - INFO - Chain [1] start processing
01:09:47 - cmdstanpy - INFO - Chain [1] done processing
01:09:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:47 - cmdstanpy - INFO - Chain [1] start processing
01:09:47 - cmdstanpy - INFO - Chain [1] done processing
01:09:48 - cmdstanpy - INFO - Chain [1] start processing
01:09:48 - cmdstanpy - INFO - Chain [1] done processing
01:09:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:48 - cmdstanpy - INFO - Chain [1] start processing
01:09:48 - cmdstanpy - INFO - Chain [1] done processing
01:09:48 - cmdstanpy - INFO - Chain [1] start processing
01:09:49 - cmdstanpy - INFO - Chain [1] done processing
01:09:49 - cmdstanpy - INFO - Chain [1] start processing
01:09:49 - cmdstanpy - INFO - Chain [1] done processing
01:09:49 - cmdstanpy - INFO - Chain [1] start processing
01:09:49 - cmdstanpy - INFO - Chain [1] done processing
01:09:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:49 - cmdstanpy - INFO - Chain [1] start processing
01:09:50 - cmdstanpy - INFO - Chain [1] done processing
01:09:50 - cmdstanpy - INFO - Chain [1] start processing
01:09:50 - cmdstanpy - INFO - Chain [1] done processing
01:09:50 - cmdstanpy - INFO - Chain [1] start processing
01:09:50 - cmdstanpy - INFO - Chain [1] done processing
01:09:51 - cmdstanpy - INFO - Chain [1] start processing
01:09:51 - cmdstanpy - INFO - Chain [1] done processing
01:09:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:51 - cmdstanpy - INFO - Chain [1] start processing
01:09:51 - cmdstanpy - INFO - Chain [1] done processing
01:09:51 - cmdstanpy - INFO - Chain [1] start processing
01:09:51 - cmdstanpy - INFO - Chain [1] done processing
01:09:52 - cmdstanpy - INFO - Chain [1] start processing
01:09:52 - cmdstanpy - INFO - Chain [1] done processing
01:09:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:52 - cmdstanpy - INFO - Chain [1] start processing
01:09:52 - cmdstanpy - INFO - Chain [1] done processing
01:09:52 - cmdstanpy - INFO - Chain [1] start processing
01:09:52 - cmdstanpy - INFO - Chain [1] done processing
01:09:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:52 - cmdstanpy - INFO - Chain [1] start processing
01:09:53 - cmdstanpy - INFO - Chain [1] done processing
01:09:53 - cmdstanpy - INFO - Chain [1] start processing
01:09:53 - cmdstanpy - INFO - Chain [1] done processing
01:09:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:53 - cmdstanpy - INFO - Chain [1] start processing
01:09:53 - cmdstanpy - INFO - Chain [1] done processing
01:09:53 - cmdstanpy - INFO - Chain [1] start processing
01:09:53 - cmdstanpy - INFO - Chain [1] done processing
01:09:54 - cmdstanpy - INFO - Chain [1] start processing
01:09:54 - cmdstanpy - INFO - Chain [1] done processing
01:09:54 - cmdstanpy - INFO - Chain [1] start processing
01:09:54 - cmdstanpy - INFO - Chain [1] done processing
01:09:54 - cmdstanpy - INFO - Chain [1] start processing
01:09:54 - cmdstanpy - INFO - Chain [1] done processing
01:09:55 - cmdstanpy - INFO - Chain [1] start processing
01:09:55 - cmdstanpy - INFO - Chain [1] done processing
01:09:55 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:09:55 - cmdstanpy - INFO - Chain [1] done processing
01:09:55 - cmdstanpy - INFO - Chain [1] start processing
01:09:55 - cmdstanpy - INFO - Chain [1] done processing
01:09:56 - cmdstanpy - INFO - Chain [1] start processing
01:09:56 - cmdstanpy - INFO - Chain [1] done processing
01:09:56 - cmdstanpy - INFO - Chain [1] start processing
01:09:56 - cmdstanpy - INFO - Chain [1] done processing
01:09:56 - cmdstanpy - INFO - Chain [1] start processing
01:09:56 - cmdstanpy - INFO - Chain [1] done processing
01:09:57 - cmdstanpy - INFO - Chain [1] start processing
01:09:57 - cmdstanpy - INFO - Chain [1] done processing
01:09:57 - cmdstanpy - INFO - Chain [1] start processing
01:09:57 - cmdstanpy - INFO - Chain [1] done processing
01:09:57 - cmdstanpy - INFO - Chain [1] start processing
01:09:57 - cmdstanpy - INFO - Chain [1] done processing
01:09:57 - cmdstanpy - INFO - Chain [1] start processing
01:09:57 - cmdstanpy - INFO - Chain [1] done processing
01:09:58 - cmdstanpy - INFO - Chain [1] start processing
01:09:58 - cmdstanpy - INFO - Chain [1] done processing
01:09:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:09:58 - cmdstanpy - INFO - Chain [1] start processing
01:09:58 - cmdstanpy - INFO - Chain [1] done processing
01:09:58 - cmdstanpy - INFO - Chain [1] start processing
01:09:58 - cmdstanpy - INFO - Chain [1] done processing
01:09:59 - cmdstanpy - INFO - Chain [1] start processing
01:09:59 - cmdstanpy - INFO - Chain [1] done processing
01:09:59 - cmdstanpy - INFO - Chain [1] start processing
01:09:59 - cmdstanpy - INFO - Chain [1] done processing
01:10:00 - cmdstanpy - INFO - Chain [1] start processing
01:10:00 - cmdstanpy - INFO - Chain [1] done processing
01:10:00 - cmdstanpy - INFO - Chain [1] start processing
01:10:00 - cmdstanpy - INFO - Chain [1] done processing
01:10:01 - cmdstanpy - INFO - Chain [1] start processing
01:10:01 - cmdstanpy - INFO - Chain [1] done processing
01:10:01 - cmdstanpy - INFO - Chain [1] start processing
01:10:01 - cmdstanpy - INFO - Chain [1] done processing
01:10:01 - cmdstanpy - INFO - Chain [1] start processing
01:10:01 - cmdstanpy - INFO - Chain [1] done processing
01:10:01 - cmdstanpy - INFO - Chain [1] start processing
01:10:01 - cmdstanpy - INFO - Chain [1] done processing
01:10:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:02 - cmdstanpy - INFO - Chain [1] start processing
01:10:02 - cmdstanpy - INFO - Chain [1] done processing
01:10:02 - cmdstanpy - INFO - Chain [1] start processing
01:10:02 - cmdstanpy - INFO - Chain [1] done processing
01:10:02 - cmdstanpy - INFO - Chain [1] start processing
01:10:02 - cmdstanpy - INFO - Chain [1] done processing
01:10:03 - cmdstanpy - INFO - Chain [1] start processing
01:10:03 - cmdstanpy - INFO - Chain [1] done processing
01:10:03 - cmdstanpy - INFO - Chain [1] start processing
01:10:03 - cmdstanpy - INFO - Chain [1] done processing
01:10:03 - cmdstanpy - INFO - Chain [1] start processing
01:10:03 - cmdstanpy - INFO - Chain [1] done processing
01:10:04 - cmdstanpy - INFO - Chain [1] start processing
01:10:04 - cmdstanpy - INFO - Chain [1] done processing
01:10:04 - cmdstanpy - INFO - Chain [1] start processing
01:10:04 - cmdstanpy - INFO - Chain [1] done processing
01:10:04 - cmdstanpy - INFO - Chain [1] start processing
01:10:04 - cmdstanpy - INFO - Chain [1] done processing
01:10:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:10:05 - cmdstanpy - INFO - Chain [1] done processing
01:10:05 - cmdstanpy - INFO - Chain [1] start processing
01:10:05 - cmdstanpy - INFO - Chain [1] done processing
01:10:05 - cmdstanpy - INFO - Chain [1] start processing
01:10:06 - cmdstanpy - INFO - Chain [1] done processing
01:10:06 - cmdstanpy - INFO - Chain [1] start processing
01:10:06 - cmdstanpy - INFO - Chain [1] done processing
01:10:06 - cmdstanpy - INFO - Chain [1] start processing
01:10:06 - cmdstanpy - INFO - Chain [1] done processing
01:10:07 - cmdstanpy - INFO - Chain [1] start processing
01:10:07 - cmdstanpy - INFO - Chain [1] done processing
01:10:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:07 - cmdstanpy - INFO - Chain [1] start processing
01:10:07 - cmdstanpy - INFO - Chain [1] done processing
01:10:07 - cmdstanpy - INFO - Chain [1] start processing
01:10:07 - cmdstanpy - INFO - Chain [1] done processing
01:10:08 - cmdstanpy - INFO - Chain [1] start processing
01:10:08 - cmdstanpy - INFO - Chain [1] done processing
01:10:08 - cmdstanpy - INFO - Chain [1] start processing
01:10:08 - cmdstanpy - INFO - Chain [1] done processing
01:10:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:08 - cmdstanpy - INFO - Chain [1] start processing
01:10:08 - cmdstanpy - INFO - Chain [1] done processing
01:10:09 - cmdstanpy - INFO - Chain [1] start processing
01:10:09 - cmdstanpy - INFO - Chain [1] done processing
01:10:09 - cmdstanpy - INFO - Chain [1] start processing
01:10:09 - cmdstanpy - INFO - Chain [1] done processing
01:10:09 - cmdstanpy - INFO - Chain [1] start processing
01:10:09 - cmdstanpy - INFO - Chain [1] done processing
01:10:10 - cmdstanpy - INFO - Chain [1] start processing
01:10:10 - cmdstanpy - INFO - Chain [1] done processing
01:10:10 - cmdstanpy - INFO - Chain [1] start processing
01:10:10 - cmdstanpy - INFO - Chain [1] done processing
01:10:11 - cmdstanpy - INFO - Chain [1] start processing
01:10:11 - cmdstanpy - INFO - Chain [1] done processing
01:10:11 - cmdstanpy - INFO - Chain [1] start processing
01:10:11 - cmdstanpy - INFO - Chain [1] done processing
01:10:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:11 - cmdstanpy - INFO - Chain [1] start processing
01:10:11 - cmdstanpy - INFO - Chain [1] done processing
01:10:12 - cmdstanpy - INFO - Chain [1] start processing
01:10:12 - cmdstanpy - INFO - Chain [1] done processing
01:10:12 - cmdstanpy - INFO - Chain [1] start processing
01:10:12 - cmdstanpy - INFO - Chain [1] done processing
01:10:12 - cmdstanpy - INFO - Chain [1] start processing
01:10:12 - cmdstanpy - INFO - Chain [1] done processing
01:10:13 - cmdstanpy - INFO - Chain [1] start processing
01:10:13 - cmdstanpy - INFO - Chain [1] done processing
01:10:13 - cmdstanpy - INFO - Chain [1] start processing
01:10:13 - cmdstanpy - INFO - Chain [1] done processing
01:10:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:13 - cmdstanpy - INFO - Chain [1] start processing
01:10:13 - cmdstanpy - INFO - Chain [1] done processing
01:10:14 - cmdstanpy - INFO - Chain [1] start processing
01:10:14 - cmdstanpy - INFO - Chain [1] done processing
01:10:14 - cmdstanpy - INFO - Chain [1] start processing
01:10:14 - cmdstanpy - INFO - Chain [1] done processing
01:10:15 - cmdstanpy - INFO - Chain [1] start processing
01:10:15 - cmdstanpy - INFO - Chain [1] done processing
01:10:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:10:15 - cmdstanpy - INFO - Chain [1] done processing
01:10:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:15 - cmdstanpy - INFO - Chain [1] start processing
01:10:16 - cmdstanpy - INFO - Chain [1] done processing
01:10:17 - cmdstanpy - INFO - Chain [1] start processing
01:10:17 - cmdstanpy - INFO - Chain [1] done processing
01:10:17 - cmdstanpy - INFO - Chain [1] start processing
01:10:17 - cmdstanpy - INFO - Chain [1] done processing
01:10:17 - cmdstanpy - INFO - Chain [1] start processing
01:10:17 - cmdstanpy - INFO - Chain [1] done processing
01:10:18 - cmdstanpy - INFO - Chain [1] start processing
01:10:18 - cmdstanpy - INFO - Chain [1] done processing
01:10:18 - cmdstanpy - INFO - Chain [1] start processing
01:10:18 - cmdstanpy - INFO - Chain [1] done processing
01:10:18 - cmdstanpy - INFO - Chain [1] start processing
01:10:18 - cmdstanpy - INFO - Chain [1] done processing
01:10:19 - cmdstanpy - INFO - Chain [1] start processing
01:10:19 - cmdstanpy - INFO - Chain [1] done processing
01:10:19 - cmdstanpy - INFO - Chain [1] start processing
01:10:19 - cmdstanpy - INFO - Chain [1] done processing
01:10:20 - cmdstanpy - INFO - Chain [1] start processing
01:10:20 - cmdstanpy - INFO - Chain [1] done processing
01:10:20 - cmdstanpy - INFO - Chain [1] start processing
01:10:20 - cmdstanpy - INFO - Chain [1] done processing
01:10:20 - cmdstanpy - INFO - Chain [1] start processing
01:10:20 - cmdstanpy - INFO - Chain [1] done processing
01:10:21 - cmdstanpy - INFO - Chain [1] start processing
01:10:21 - cmdstanpy - INFO - Chain [1] done processing
01:10:21 - cmdstanpy - INFO - Chain [1] start processing
01:10:21 - cmdstanpy - INFO - Chain [1] done processing
01:10:21 - cmdstanpy - INFO - Chain [1] start processing
01:10:21 - cmdstanpy - INFO - Chain [1] done processing
01:10:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:21 - cmdstanpy - INFO - Chain [1] start processing
01:10:22 - cmdstanpy - INFO - Chain [1] done processing
01:10:22 - cmdstanpy - INFO - Chain [1] start processing
01:10:22 - cmdstanpy - INFO - Chain [1] done processing
01:10:22 - cmdstanpy - INFO - Chain [1] start processing
01:10:22 - cmdstanpy - INFO - Chain [1] done processing
01:10:22 - cmdstanpy - INFO - Chain [1] start processing
01:10:23 - cmdstanpy - INFO - Chain [1] done processing
01:10:23 - cmdstanpy - INFO - Chain [1] start processing
01:10:23 - cmdstanpy - INFO - Chain [1] done processing
01:10:23 - cmdstanpy - INFO - Chain [1] start processing
01:10:23 - cmdstanpy - INFO - Chain [1] done processing
01:10:24 - cmdstanpy - INFO - Chain [1] start processing
01:10:24 - cmdstanpy - INFO - Chain [1] done processing
01:10:24 - cmdstanpy - INFO - Chain [1] start processing
01:10:24 - cmdstanpy - INFO - Chain [1] done processing
01:10:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:24 - cmdstanpy - INFO - Chain [1] start processing
01:10:24 - cmdstanpy - INFO - Chain [1] done processing
01:10:24 - cmdstanpy - INFO - Chain [1] start processing
01:10:24 - cmdstanpy - INFO - Chain [1] done processing
01:10:25 - cmdstanpy - INFO - Chain [1] start processing
01:10:25 - cmdstanpy - INFO - Chain [1] done processing
01:10:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:25 - cmdstanpy - INFO - Chain [1] start processing
01:10:25 - cmdstanpy - INFO - Chain [1] done processing
01:10:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:10:25 - cmdstanpy - INFO - Chain [1] done processing
01:10:26 - cmdstanpy - INFO - Chain [1] start processing
01:10:26 - cmdstanpy - INFO - Chain [1] done processing
01:10:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:26 - cmdstanpy - INFO - Chain [1] start processing
01:10:26 - cmdstanpy - INFO - Chain [1] done processing
01:10:26 - cmdstanpy - INFO - Chain [1] start processing
01:10:26 - cmdstanpy - INFO - Chain [1] done processing
01:10:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:26 - cmdstanpy - INFO - Chain [1] start processing
01:10:27 - cmdstanpy - INFO - Chain [1] done processing
01:10:27 - cmdstanpy - INFO - Chain [1] start processing
01:10:27 - cmdstanpy - INFO - Chain [1] done processing
01:10:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:27 - cmdstanpy - INFO - Chain [1] start processing
01:10:27 - cmdstanpy - INFO - Chain [1] done processing
01:10:27 - cmdstanpy - INFO - Chain [1] start processing
01:10:27 - cmdstanpy - INFO - Chain [1] done processing
01:10:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:27 - cmdstanpy - INFO - Chain [1] start processing
01:10:28 - cmdstanpy - INFO - Chain [1] done processing
01:10:28 - cmdstanpy - INFO - Chain [1] start processing
01:10:28 - cmdstanpy - INFO - Chain [1] done processing
01:10:28 - cmdstanpy - INFO - Chain [1] start processing
01:10:28 - cmdstanpy - INFO - Chain [1] done processing
01:10:29 - cmdstanpy - INFO - Chain [1] start processing
01:10:29 - cmdstanpy - INFO - Chain [1] done processing
01:10:29 - cmdstanpy - INFO - Chain [1] start processing
01:10:29 - cmdstanpy - INFO - Chain [1] done processing
01:10:29 - cmdstanpy - INFO - Chain [1] start processing
01:10:29 - cmdstanpy - INFO - Chain [1] done processing
01:10:29 - cmdstanpy - INFO - Chain [1] start processing
01:10:30 - cmdstanpy - INFO - Chain [1] done processing
01:10:30 - cmdstanpy - INFO - Chain [1] start processing
01:10:30 - cmdstanpy - INFO - Chain [1] done processing
01:10:30 - cmdstanpy - INFO - Chain [1] start processing
01:10:30 - cmdstanpy - INFO - Chain [1] done processing
01:10:31 - cmdstanpy - INFO - Chain [1] start processing
01:10:31 - cmdstanpy - INFO - Chain [1] done processing
01:10:31 - cmdstanpy - INFO - Chain [1] start processing
01:10:31 - cmdstanpy - INFO - Chain [1] done processing
01:10:31 - cmdstanpy - INFO - Chain [1] start processing
01:10:31 - cmdstanpy - INFO - Chain [1] done processing
01:10:31 - cmdstanpy - INFO - Chain [1] start processing
01:10:32 - cmdstanpy - INFO - Chain [1] done processing
01:10:32 - cmdstanpy - INFO - Chain [1] start processing
01:10:32 - cmdstanpy - INFO - Chain [1] done processing
01:10:32 - cmdstanpy - INFO - Chain [1] start processing
01:10:32 - cmdstanpy - INFO - Chain [1] done processing
01:10:32 - cmdstanpy - INFO - Chain [1] start processing
01:10:33 - cmdstanpy - INFO - Chain [1] done processing
01:10:33 - cmdstanpy - INFO - Chain [1] start processing
01:10:33 - cmdstanpy - INFO - Chain [1] done processing
01:10:33 - cmdstanpy - INFO - Chain [1] start processing
01:10:33 - cmdstanpy - INFO - Chain [1] done processing
01:10:34 - cmdstanpy - INFO - Chain [1] start processing
01:10:34 - cmdstanpy - INFO - Chain [1] done processing
01:10:34 - cmdstanpy - INFO - Chain [1] start processing
01:10:34 - cmdstanpy - INFO - Chain [1] done processing
01:10:34 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:10:35 - cmdstanpy - INFO - Chain [1] done processing
01:10:35 - cmdstanpy - INFO - Chain [1] start processing
01:10:35 - cmdstanpy - INFO - Chain [1] done processing
01:10:35 - cmdstanpy - INFO - Chain [1] start processing
01:10:36 - cmdstanpy - INFO - Chain [1] done processing
01:10:36 - cmdstanpy - INFO - Chain [1] start processing
01:10:36 - cmdstanpy - INFO - Chain [1] done processing
01:10:36 - cmdstanpy - INFO - Chain [1] start processing
01:10:36 - cmdstanpy - INFO - Chain [1] done processing
01:10:37 - cmdstanpy - INFO - Chain [1] start processing
01:10:37 - cmdstanpy - INFO - Chain [1] done processing
01:10:37 - cmdstanpy - INFO - Chain [1] start processing
01:10:37 - cmdstanpy - INFO - Chain [1] done processing
01:10:37 - cmdstanpy - INFO - Chain [1] start processing
01:10:37 - cmdstanpy - INFO - Chain [1] done processing
01:10:38 - cmdstanpy - INFO - Chain [1] start processing
01:10:38 - cmdstanpy - INFO - Chain [1] done processing
01:10:38 - cmdstanpy - INFO - Chain [1] start processing
01:10:38 - cmdstanpy - INFO - Chain [1] done processing
01:10:38 - cmdstanpy - INFO - Chain [1] start processing
01:10:38 - cmdstanpy - INFO - Chain [1] done processing
01:10:39 - cmdstanpy - INFO - Chain [1] start processing
01:10:39 - cmdstanpy - INFO - Chain [1] done processing
01:10:39 - cmdstanpy - INFO - Chain [1] start processing
01:10:39 - cmdstanpy - INFO - Chain [1] done processing
01:10:39 - cmdstanpy - INFO - Chain [1] start processing
01:10:39 - cmdstanpy - INFO - Chain [1] done processing
01:10:40 - cmdstanpy - INFO - Chain [1] start processing
01:10:40 - cmdstanpy - INFO - Chain [1] done processing
01:10:40 - cmdstanpy - INFO - Chain [1] start processing
01:10:40 - cmdstanpy - INFO - Chain [1] done processing
01:10:40 - cmdstanpy - INFO - Chain [1] start processing
01:10:41 - cmdstanpy - INFO - Chain [1] done processing
01:10:41 - cmdstanpy - INFO - Chain [1] start processing
01:10:41 - cmdstanpy - INFO - Chain [1] done processing
01:10:41 - cmdstanpy - INFO - Chain [1] start processing
01:10:41 - cmdstanpy - INFO - Chain [1] done processing
01:10:41 - cmdstanpy - INFO - Chain [1] start processing
01:10:42 - cmdstanpy - INFO - Chain [1] done processing
01:10:42 - cmdstanpy - INFO - Chain [1] start processing
01:10:42 - cmdstanpy - INFO - Chain [1] done processing
01:10:42 - cmdstanpy - INFO - Chain [1] start processing
01:10:42 - cmdstanpy - INFO - Chain [1] done processing
01:10:43 - cmdstanpy - INFO - Chain [1] start processing
01:10:43 - cmdstanpy - INFO - Chain [1] done processing
01:10:43 - cmdstanpy - INFO - Chain [1] start processing
01:10:43 - cmdstanpy - INFO - Chain [1] done processing
01:10:44 - cmdstanpy - INFO - Chain [1] start processing
01:10:44 - cmdstanpy - INFO - Chain [1] done processing
01:10:44 - cmdstanpy - INFO - Chain [1] start processing
01:10:44 - cmdstanpy - INFO - Chain [1] done processing
01:10:44 - cmdstanpy - INFO - Chain [1] start processing
01:10:44 - cmdstanpy - INFO - Chain [1] done processing
01:10:45 - cmdstanpy - INFO - Chain [1] start processing
01:10:45 - cmdstanpy - INFO - Chain [1] done processing
01:10:45 - cmdstanpy - INFO - Chain [1] start processing
01:10:45 - cmdstanpy - INFO - Chain [1] done processing
01:10:45 - cmdstanpy - INFO - Chain [1] start processing
01:10:45 - cmdstanpy - INFO - Chain [1] done processing
01:10:46 - cmdstanpy - INFO - Chain [1] start processing
01:10:46 - cmdstanpy - INFO - Chain [1] done processing
01:10:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

01:10:34 - cmdstanpy - INFO - Chain [1] done processing
01:10:35 - cmdstanpy - INFO - Chain [1] start processing

```
Optimization terminated abnormally. Falling back to Newton.
01:10:46 - cmdstanpy - INFO - Chain [1] start processing
01:10:46 - cmdstanpy - INFO - Chain [1] done processing
01:10:46 - cmdstanpy - INFO - Chain [1] start processing
01:10:46 - cmdstanpy - INFO - Chain [1] done processing
01:10:47 - cmdstanpy - INFO - Chain [1] start processing
01:10:47 - cmdstanpy - INFO - Chain [1] done processing
01:10:47 - cmdstanpy - INFO - Chain [1] start processing
01:10:47 - cmdstanpy - INFO - Chain [1] done processing
01:10:47 - cmdstanpy - INFO - Chain [1] start processing
01:10:47 - cmdstanpy - INFO - Chain [1] done processing
01:10:48 - cmdstanpy - INFO - Chain [1] start processing
01:10:48 - cmdstanpy - INFO - Chain [1] done processing
01:10:48 - cmdstanpy - INFO - Chain [1] start processing
01:10:48 - cmdstanpy - INFO - Chain [1] done processing
01:10:48 - cmdstanpy - INFO - Chain [1] start processing
01:10:48 - cmdstanpy - INFO - Chain [1] done processing
01:10:48 - cmdstanpy - INFO - Chain [1] start processing
01:10:49 - cmdstanpy - INFO - Chain [1] done processing
01:10:49 - cmdstanpy - INFO - Chain [1] start processing
01:10:49 - cmdstanpy - INFO - Chain [1] done processing
01:10:49 - cmdstanpy - INFO - Chain [1] start processing
01:10:49 - cmdstanpy - INFO - Chain [1] done processing
01:10:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:49 - cmdstanpy - INFO - Chain [1] start processing
01:10:50 - cmdstanpy - INFO - Chain [1] done processing
01:10:50 - cmdstanpy - INFO - Chain [1] start processing
01:10:50 - cmdstanpy - INFO - Chain [1] done processing
01:10:50 - cmdstanpy - INFO - Chain [1] start processing
01:10:50 - cmdstanpy - INFO - Chain [1] done processing
01:10:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:50 - cmdstanpy - INFO - Chain [1] start processing
01:10:51 - cmdstanpy - INFO - Chain [1] done processing
01:10:51 - cmdstanpy - INFO - Chain [1] start processing
01:10:52 - cmdstanpy - INFO - Chain [1] done processing
01:10:52 - cmdstanpy - INFO - Chain [1] start processing
01:10:52 - cmdstanpy - INFO - Chain [1] done processing
01:10:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:52 - cmdstanpy - INFO - Chain [1] start processing
01:10:52 - cmdstanpy - INFO - Chain [1] done processing
01:10:52 - cmdstanpy - INFO - Chain [1] start processing
01:10:52 - cmdstanpy - INFO - Chain [1] done processing
01:10:53 - cmdstanpy - INFO - Chain [1] start processing
01:10:53 - cmdstanpy - INFO - Chain [1] done processing
01:10:53 - cmdstanpy - INFO - Chain [1] start processing
01:10:53 - cmdstanpy - INFO - Chain [1] done processing
01:10:53 - cmdstanpy - INFO - Chain [1] start processing
01:10:54 - cmdstanpy - INFO - Chain [1] done processing
01:10:54 - cmdstanpy - INFO - Chain [1] start processing
01:10:54 - cmdstanpy - INFO - Chain [1] done processing
01:10:54 - cmdstanpy - INFO - Chain [1] start processing
01:10:54 - cmdstanpy - INFO - Chain [1] done processing
01:10:54 - cmdstanpy - INFO - Chain [1] start processing
01:10:54 - cmdstanpy - INFO - Chain [1] done processing
01:10:55 - cmdstanpy - INFO - Chain [1] start processing
01:10:55 - cmdstanpy - INFO - Chain [1] done processing
01:10:55 - cmdstanpy - INFO - Chain [1] start processing
01:10:55 - cmdstanpy - INFO - Chain [1] done processing
01:10:56 - cmdstanpy - INFO - Chain [1] start processing
01:10:56 - cmdstanpy - INFO - Chain [1] done processing
01:10:56 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:10:56 - cmdstanpy - INFO - Chain [1] done processing
01:10:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:10:56 - cmdstanpy - INFO - Chain [1] start processing
01:10:56 - cmdstanpy - INFO - Chain [1] done processing
01:10:56 - cmdstanpy - INFO - Chain [1] start processing
01:10:57 - cmdstanpy - INFO - Chain [1] done processing
01:10:57 - cmdstanpy - INFO - Chain [1] start processing
01:10:57 - cmdstanpy - INFO - Chain [1] done processing
01:10:57 - cmdstanpy - INFO - Chain [1] start processing
01:10:57 - cmdstanpy - INFO - Chain [1] done processing
01:10:57 - cmdstanpy - INFO - Chain [1] start processing
01:10:57 - cmdstanpy - INFO - Chain [1] done processing
01:10:58 - cmdstanpy - INFO - Chain [1] start processing
01:10:58 - cmdstanpy - INFO - Chain [1] done processing
01:10:58 - cmdstanpy - INFO - Chain [1] start processing
01:10:58 - cmdstanpy - INFO - Chain [1] done processing
01:10:58 - cmdstanpy - INFO - Chain [1] start processing
01:10:58 - cmdstanpy - INFO - Chain [1] done processing
01:10:59 - cmdstanpy - INFO - Chain [1] start processing
01:10:59 - cmdstanpy - INFO - Chain [1] done processing
01:10:59 - cmdstanpy - INFO - Chain [1] start processing
01:10:59 - cmdstanpy - INFO - Chain [1] done processing
01:10:59 - cmdstanpy - INFO - Chain [1] start processing
01:11:00 - cmdstanpy - INFO - Chain [1] done processing
01:11:00 - cmdstanpy - INFO - Chain [1] start processing
01:11:00 - cmdstanpy - INFO - Chain [1] done processing
01:11:00 - cmdstanpy - INFO - Chain [1] start processing
01:11:00 - cmdstanpy - INFO - Chain [1] done processing
01:11:01 - cmdstanpy - INFO - Chain [1] start processing
01:11:01 - cmdstanpy - INFO - Chain [1] done processing
01:11:01 - cmdstanpy - INFO - Chain [1] start processing
01:11:01 - cmdstanpy - INFO - Chain [1] done processing
01:11:01 - cmdstanpy - INFO - Chain [1] start processing
01:11:01 - cmdstanpy - INFO - Chain [1] done processing
01:11:01 - cmdstanpy - INFO - Chain [1] start processing
01:11:01 - cmdstanpy - INFO - Chain [1] done processing
01:11:02 - cmdstanpy - INFO - Chain [1] start processing
01:11:02 - cmdstanpy - INFO - Chain [1] done processing
01:11:02 - cmdstanpy - INFO - Chain [1] start processing
01:11:02 - cmdstanpy - INFO - Chain [1] done processing
01:11:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:02 - cmdstanpy - INFO - Chain [1] start processing
01:11:03 - cmdstanpy - INFO - Chain [1] done processing
01:11:03 - cmdstanpy - INFO - Chain [1] start processing
01:11:03 - cmdstanpy - INFO - Chain [1] done processing
01:11:03 - cmdstanpy - INFO - Chain [1] start processing
01:11:03 - cmdstanpy - INFO - Chain [1] done processing
01:11:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:03 - cmdstanpy - INFO - Chain [1] start processing
01:11:04 - cmdstanpy - INFO - Chain [1] done processing
01:11:04 - cmdstanpy - INFO - Chain [1] start processing
01:11:04 - cmdstanpy - INFO - Chain [1] done processing
01:11:04 - cmdstanpy - INFO - Chain [1] start processing
01:11:04 - cmdstanpy - INFO - Chain [1] done processing
01:11:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:04 - cmdstanpy - INFO - Chain [1] start processing
01:11:05 - cmdstanpy - INFO - Chain [1] done processing
01:11:05 - cmdstanpy - INFO - Chain [1] start processing
01:11:05 - cmdstanpy - INFO - Chain [1] done processing
01:11:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:11:05 - cmdstanpy - INFO - Chain [1] done processing
01:11:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:05 - cmdstanpy - INFO - Chain [1] start processing
01:11:06 - cmdstanpy - INFO - Chain [1] done processing
01:11:06 - cmdstanpy - INFO - Chain [1] start processing
01:11:06 - cmdstanpy - INFO - Chain [1] done processing
01:11:06 - cmdstanpy - INFO - Chain [1] start processing
01:11:06 - cmdstanpy - INFO - Chain [1] done processing
01:11:06 - cmdstanpy - INFO - Chain [1] start processing
01:11:07 - cmdstanpy - INFO - Chain [1] done processing
01:11:07 - cmdstanpy - INFO - Chain [1] start processing
01:11:07 - cmdstanpy - INFO - Chain [1] done processing
01:11:07 - cmdstanpy - INFO - Chain [1] start processing
01:11:07 - cmdstanpy - INFO - Chain [1] done processing
01:11:08 - cmdstanpy - INFO - Chain [1] start processing
01:11:08 - cmdstanpy - INFO - Chain [1] done processing
01:11:08 - cmdstanpy - INFO - Chain [1] start processing
01:11:08 - cmdstanpy - INFO - Chain [1] done processing
01:11:08 - cmdstanpy - INFO - Chain [1] start processing
01:11:08 - cmdstanpy - INFO - Chain [1] done processing
01:11:09 - cmdstanpy - INFO - Chain [1] start processing
01:11:09 - cmdstanpy - INFO - Chain [1] done processing
01:11:09 - cmdstanpy - INFO - Chain [1] start processing
01:11:09 - cmdstanpy - INFO - Chain [1] done processing
01:11:09 - cmdstanpy - INFO - Chain [1] start processing
01:11:09 - cmdstanpy - INFO - Chain [1] done processing
01:11:10 - cmdstanpy - INFO - Chain [1] start processing
01:11:10 - cmdstanpy - INFO - Chain [1] done processing
01:11:10 - cmdstanpy - INFO - Chain [1] start processing
01:11:10 - cmdstanpy - INFO - Chain [1] done processing
01:11:10 - cmdstanpy - INFO - Chain [1] start processing
01:11:11 - cmdstanpy - INFO - Chain [1] done processing
01:11:11 - cmdstanpy - INFO - Chain [1] start processing
01:11:11 - cmdstanpy - INFO - Chain [1] done processing
01:11:11 - cmdstanpy - INFO - Chain [1] start processing
01:11:11 - cmdstanpy - INFO - Chain [1] done processing
01:11:11 - cmdstanpy - INFO - Chain [1] start processing
01:11:12 - cmdstanpy - INFO - Chain [1] done processing
01:11:12 - cmdstanpy - INFO - Chain [1] start processing
01:11:12 - cmdstanpy - INFO - Chain [1] done processing
01:11:12 - cmdstanpy - INFO - Chain [1] start processing
01:11:12 - cmdstanpy - INFO - Chain [1] done processing
01:11:12 - cmdstanpy - INFO - Chain [1] start processing
01:11:13 - cmdstanpy - INFO - Chain [1] done processing
01:11:13 - cmdstanpy - INFO - Chain [1] start processing
01:11:13 - cmdstanpy - INFO - Chain [1] done processing
01:11:13 - cmdstanpy - INFO - Chain [1] start processing
01:11:13 - cmdstanpy - INFO - Chain [1] done processing
01:11:14 - cmdstanpy - INFO - Chain [1] start processing
01:11:14 - cmdstanpy - INFO - Chain [1] done processing
01:11:14 - cmdstanpy - INFO - Chain [1] start processing
01:11:14 - cmdstanpy - INFO - Chain [1] done processing
01:11:14 - cmdstanpy - INFO - Chain [1] start processing
01:11:15 - cmdstanpy - INFO - Chain [1] done processing
01:11:15 - cmdstanpy - INFO - Chain [1] start processing
01:11:15 - cmdstanpy - INFO - Chain [1] done processing
01:11:15 - cmdstanpy - INFO - Chain [1] start processing
01:11:15 - cmdstanpy - INFO - Chain [1] done processing
```

01:11:15 - cmdstanpy - INFO - Chain [1] start processing
01:11:16 - cmdstanpy - INFO - Chain [1] done processing
01:11:16 - cmdstanpy - INFO - Chain [1] start processing
01:11:16 - cmdstanpy - INFO - Chain [1] done processing
01:11:16 - cmdstanpy - INFO - Chain [1] start processing

```
01:11:16 - cmdstanpy - INFO - Chain [1] done processing
01:11:17 - cmdstanpy - INFO - Chain [1] start processing
01:11:17 - cmdstanpy - INFO - Chain [1] done processing
01:11:17 - cmdstanpy - INFO - Chain [1] start processing
01:11:17 - cmdstanpy - INFO - Chain [1] done processing
01:11:18 - cmdstanpy - INFO - Chain [1] start processing
01:11:18 - cmdstanpy - INFO - Chain [1] done processing
01:11:18 - cmdstanpy - INFO - Chain [1] start processing
01:11:18 - cmdstanpy - INFO - Chain [1] done processing
01:11:18 - cmdstanpy - INFO - Chain [1] start processing
01:11:19 - cmdstanpy - INFO - Chain [1] done processing
01:11:19 - cmdstanpy - INFO - Chain [1] start processing
01:11:19 - cmdstanpy - INFO - Chain [1] done processing
01:11:19 - cmdstanpy - INFO - Chain [1] start processing
01:11:19 - cmdstanpy - INFO - Chain [1] done processing
01:11:20 - cmdstanpy - INFO - Chain [1] start processing
01:11:20 - cmdstanpy - INFO - Chain [1] done processing
01:11:20 - cmdstanpy - INFO - Chain [1] start processing
01:11:20 - cmdstanpy - INFO - Chain [1] done processing
01:11:20 - cmdstanpy - INFO - Chain [1] start processing
01:11:20 - cmdstanpy - INFO - Chain [1] done processing
01:11:21 - cmdstanpy - INFO - Chain [1] start processing
01:11:21 - cmdstanpy - INFO - Chain [1] done processing
01:11:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:21 - cmdstanpy - INFO - Chain [1] start processing
01:11:21 - cmdstanpy - INFO - Chain [1] done processing
01:11:21 - cmdstanpy - INFO - Chain [1] start processing
01:11:21 - cmdstanpy - INFO - Chain [1] done processing
01:11:22 - cmdstanpy - INFO - Chain [1] start processing
01:11:22 - cmdstanpy - INFO - Chain [1] done processing
01:11:22 - cmdstanpy - INFO - Chain [1] start processing
01:11:22 - cmdstanpy - INFO - Chain [1] done processing
01:11:22 - cmdstanpy - INFO - Chain [1] start processing
01:11:23 - cmdstanpy - INFO - Chain [1] done processing
01:11:23 - cmdstanpy - INFO - Chain [1] start processing
01:11:23 - cmdstanpy - INFO - Chain [1] done processing
01:11:23 - cmdstanpy - INFO - Chain [1] start processing
01:11:23 - cmdstanpy - INFO - Chain [1] done processing
01:11:23 - cmdstanpy - INFO - Chain [1] start processing
01:11:24 - cmdstanpy - INFO - Chain [1] done processing
01:11:24 - cmdstanpy - INFO - Chain [1] start processing
01:11:24 - cmdstanpy - INFO - Chain [1] done processing
01:11:24 - cmdstanpy - INFO - Chain [1] start processing
01:11:24 - cmdstanpy - INFO - Chain [1] done processing
01:11:25 - cmdstanpy - INFO - Chain [1] start processing
01:11:25 - cmdstanpy - INFO - Chain [1] done processing
01:11:25 - cmdstanpy - INFO - Chain [1] start processing
01:11:25 - cmdstanpy - INFO - Chain [1] done processing
01:11:26 - cmdstanpy - INFO - Chain [1] start processing
01:11:26 - cmdstanpy - INFO - Chain [1] done processing
01:11:26 - cmdstanpy - INFO - Chain [1] start processing
01:11:26 - cmdstanpy - INFO - Chain [1] done processing
01:11:26 - cmdstanpy - INFO - Chain [1] start processing
01:11:27 - cmdstanpy - INFO - Chain [1] done processing
01:11:27 - cmdstanpy - INFO - Chain [1] start processing
01:11:27 - cmdstanpy - INFO - Chain [1] done processing
01:11:27 - cmdstanpy - INFO - Chain [1] start processing
01:11:27 - cmdstanpy - INFO - Chain [1] done processing
01:11:28 - cmdstanpy - INFO - Chain [1] start processing
01:11:28 - cmdstanpy - INFO - Chain [1] done processing
01:11:28 - cmdstanpy - INFO - Chain [1] start processing
01:11:28 - cmdstanpy - INFO - Chain [1] done processing
01:11:28 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:11:28 - cmdstanpy - INFO - Chain [1] done processing
01:11:29 - cmdstanpy - INFO - Chain [1] start processing
01:11:29 - cmdstanpy - INFO - Chain [1] done processing
01:11:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:29 - cmdstanpy - INFO - Chain [1] start processing
01:11:29 - cmdstanpy - INFO - Chain [1] done processing
01:11:29 - cmdstanpy - INFO - Chain [1] start processing
01:11:29 - cmdstanpy - INFO - Chain [1] done processing
01:11:30 - cmdstanpy - INFO - Chain [1] start processing
01:11:30 - cmdstanpy - INFO - Chain [1] done processing
01:11:30 - cmdstanpy - INFO - Chain [1] start processing
01:11:30 - cmdstanpy - INFO - Chain [1] done processing
01:11:31 - cmdstanpy - INFO - Chain [1] start processing
01:11:31 - cmdstanpy - INFO - Chain [1] done processing
01:11:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:31 - cmdstanpy - INFO - Chain [1] start processing
01:11:31 - cmdstanpy - INFO - Chain [1] done processing
01:11:31 - cmdstanpy - INFO - Chain [1] start processing
01:11:31 - cmdstanpy - INFO - Chain [1] done processing
01:11:31 - cmdstanpy - INFO - Chain [1] start processing
01:11:31 - cmdstanpy - INFO - Chain [1] done processing
01:11:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:32 - cmdstanpy - INFO - Chain [1] start processing
01:11:32 - cmdstanpy - INFO - Chain [1] done processing
01:11:33 - cmdstanpy - INFO - Chain [1] start processing
01:11:33 - cmdstanpy - INFO - Chain [1] done processing
01:11:33 - cmdstanpy - INFO - Chain [1] start processing
01:11:33 - cmdstanpy - INFO - Chain [1] done processing
01:11:33 - cmdstanpy - INFO - Chain [1] start processing
01:11:33 - cmdstanpy - INFO - Chain [1] done processing
01:11:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:33 - cmdstanpy - INFO - Chain [1] start processing
01:11:34 - cmdstanpy - INFO - Chain [1] done processing
01:11:34 - cmdstanpy - INFO - Chain [1] start processing
01:11:34 - cmdstanpy - INFO - Chain [1] done processing
01:11:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:34 - cmdstanpy - INFO - Chain [1] start processing
01:11:34 - cmdstanpy - INFO - Chain [1] done processing
01:11:35 - cmdstanpy - INFO - Chain [1] start processing
01:11:35 - cmdstanpy - INFO - Chain [1] done processing
01:11:35 - cmdstanpy - INFO - Chain [1] start processing
01:11:35 - cmdstanpy - INFO - Chain [1] done processing
01:11:35 - cmdstanpy - INFO - Chain [1] start processing
01:11:35 - cmdstanpy - INFO - Chain [1] done processing
01:11:36 - cmdstanpy - INFO - Chain [1] start processing
01:11:36 - cmdstanpy - INFO - Chain [1] done processing
01:11:36 - cmdstanpy - INFO - Chain [1] start processing
01:11:36 - cmdstanpy - INFO - Chain [1] done processing
01:11:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:36 - cmdstanpy - INFO - Chain [1] start processing
01:11:36 - cmdstanpy - INFO - Chain [1] done processing
01:11:37 - cmdstanpy - INFO - Chain [1] start processing
01:11:37 - cmdstanpy - INFO - Chain [1] done processing
01:11:37 - cmdstanpy - INFO - Chain [1] start processing
01:11:37 - cmdstanpy - INFO - Chain [1] done processing
01:11:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:37 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:11:37 - cmdstanpy - INFO - Chain [1] done processing
01:11:38 - cmdstanpy - INFO - Chain [1] start processing
01:11:38 - cmdstanpy - INFO - Chain [1] done processing
01:11:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:38 - cmdstanpy - INFO - Chain [1] start processing
01:11:38 - cmdstanpy - INFO - Chain [1] done processing
01:11:38 - cmdstanpy - INFO - Chain [1] start processing
01:11:38 - cmdstanpy - INFO - Chain [1] done processing
01:11:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:38 - cmdstanpy - INFO - Chain [1] start processing
01:11:39 - cmdstanpy - INFO - Chain [1] done processing
01:11:39 - cmdstanpy - INFO - Chain [1] start processing
01:11:39 - cmdstanpy - INFO - Chain [1] done processing
01:11:40 - cmdstanpy - INFO - Chain [1] start processing
01:11:40 - cmdstanpy - INFO - Chain [1] done processing
01:11:40 - cmdstanpy - INFO - Chain [1] start processing
01:11:40 - cmdstanpy - INFO - Chain [1] done processing
01:11:41 - cmdstanpy - INFO - Chain [1] start processing
01:11:41 - cmdstanpy - INFO - Chain [1] done processing
01:11:41 - cmdstanpy - INFO - Chain [1] start processing
01:11:41 - cmdstanpy - INFO - Chain [1] done processing
01:11:41 - cmdstanpy - INFO - Chain [1] start processing
01:11:41 - cmdstanpy - INFO - Chain [1] done processing
01:11:42 - cmdstanpy - INFO - Chain [1] start processing
01:11:42 - cmdstanpy - INFO - Chain [1] done processing
01:11:42 - cmdstanpy - INFO - Chain [1] start processing
01:11:42 - cmdstanpy - INFO - Chain [1] done processing
01:11:42 - cmdstanpy - INFO - Chain [1] start processing
01:11:42 - cmdstanpy - INFO - Chain [1] done processing
01:11:42 - cmdstanpy - INFO - Chain [1] start processing
01:11:43 - cmdstanpy - INFO - Chain [1] done processing
01:11:43 - cmdstanpy - INFO - Chain [1] start processing
01:11:43 - cmdstanpy - INFO - Chain [1] done processing
01:11:43 - cmdstanpy - INFO - Chain [1] start processing
01:11:43 - cmdstanpy - INFO - Chain [1] done processing
01:11:43 - cmdstanpy - INFO - Chain [1] start processing
01:11:44 - cmdstanpy - INFO - Chain [1] done processing
01:11:44 - cmdstanpy - INFO - Chain [1] start processing
01:11:44 - cmdstanpy - INFO - Chain [1] done processing
01:11:44 - cmdstanpy - INFO - Chain [1] start processing
01:11:44 - cmdstanpy - INFO - Chain [1] done processing
01:11:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:44 - cmdstanpy - INFO - Chain [1] start processing
01:11:44 - cmdstanpy - INFO - Chain [1] done processing
01:11:45 - cmdstanpy - INFO - Chain [1] start processing
01:11:45 - cmdstanpy - INFO - Chain [1] done processing
01:11:45 - cmdstanpy - INFO - Chain [1] start processing
01:11:45 - cmdstanpy - INFO - Chain [1] done processing
01:11:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:45 - cmdstanpy - INFO - Chain [1] start processing
01:11:45 - cmdstanpy - INFO - Chain [1] done processing
01:11:46 - cmdstanpy - INFO - Chain [1] start processing
01:11:46 - cmdstanpy - INFO - Chain [1] done processing
01:11:46 - cmdstanpy - INFO - Chain [1] start processing
01:11:46 - cmdstanpy - INFO - Chain [1] done processing
01:11:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:46 - cmdstanpy - INFO - Chain [1] start processing
01:11:46 - cmdstanpy - INFO - Chain [1] done processing
```

01:11:47 - cmdstanpy - INFO - Chain [1] start processing

```
01:11:47 - cmdstanpy - INFO - Chain [1] done processing
01:11:47 - cmdstanpy - INFO - Chain [1] start processing
01:11:47 - cmdstanpy - INFO - Chain [1] done processing
01:11:47 - cmdstanpy - INFO - Chain [1] start processing
01:11:47 - cmdstanpy - INFO - Chain [1] done processing
01:11:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:47 - cmdstanpy - INFO - Chain [1] start processing
01:11:48 - cmdstanpy - INFO - Chain [1] done processing
01:11:48 - cmdstanpy - INFO - Chain [1] start processing
01:11:48 - cmdstanpy - INFO - Chain [1] done processing
01:11:48 - cmdstanpy - INFO - Chain [1] start processing
01:11:48 - cmdstanpy - INFO - Chain [1] done processing
01:11:49 - cmdstanpy - INFO - Chain [1] start processing
01:11:49 - cmdstanpy - INFO - Chain [1] done processing
01:11:49 - cmdstanpy - INFO - Chain [1] start processing
01:11:49 - cmdstanpy - INFO - Chain [1] done processing
01:11:49 - cmdstanpy - INFO - Chain [1] start processing
01:11:49 - cmdstanpy - INFO - Chain [1] done processing
01:11:50 - cmdstanpy - INFO - Chain [1] start processing
01:11:50 - cmdstanpy - INFO - Chain [1] done processing
01:11:50 - cmdstanpy - INFO - Chain [1] start processing
01:11:50 - cmdstanpy - INFO - Chain [1] done processing
01:11:50 - cmdstanpy - INFO - Chain [1] start processing
01:11:50 - cmdstanpy - INFO - Chain [1] done processing
01:11:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:50 - cmdstanpy - INFO - Chain [1] start processing
01:11:51 - cmdstanpy - INFO - Chain [1] done processing
01:11:51 - cmdstanpy - INFO - Chain [1] start processing
01:11:51 - cmdstanpy - INFO - Chain [1] done processing
01:11:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:51 - cmdstanpy - INFO - Chain [1] start processing
01:11:51 - cmdstanpy - INFO - Chain [1] done processing
01:11:52 - cmdstanpy - INFO - Chain [1] start processing
01:11:52 - cmdstanpy - INFO - Chain [1] done processing
01:11:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:52 - cmdstanpy - INFO - Chain [1] start processing
01:11:52 - cmdstanpy - INFO - Chain [1] done processing
01:11:53 - cmdstanpy - INFO - Chain [1] start processing
01:11:53 - cmdstanpy - INFO - Chain [1] done processing
01:11:53 - cmdstanpy - INFO - Chain [1] start processing
01:11:53 - cmdstanpy - INFO - Chain [1] done processing
01:11:53 - cmdstanpy - INFO - Chain [1] start processing
01:11:53 - cmdstanpy - INFO - Chain [1] done processing
01:11:54 - cmdstanpy - INFO - Chain [1] start processing
01:11:54 - cmdstanpy - INFO - Chain [1] done processing
01:11:54 - cmdstanpy - INFO - Chain [1] start processing
01:11:54 - cmdstanpy - INFO - Chain [1] done processing
01:11:54 - cmdstanpy - INFO - Chain [1] start processing
01:11:54 - cmdstanpy - INFO - Chain [1] done processing
01:11:55 - cmdstanpy - INFO - Chain [1] start processing
01:11:55 - cmdstanpy - INFO - Chain [1] done processing
01:11:55 - cmdstanpy - INFO - Chain [1] start processing
01:11:55 - cmdstanpy - INFO - Chain [1] done processing
01:11:55 - cmdstanpy - INFO - Chain [1] start processing
01:11:55 - cmdstanpy - INFO - Chain [1] done processing
01:11:56 - cmdstanpy - INFO - Chain [1] start processing
01:11:56 - cmdstanpy - INFO - Chain [1] done processing
01:11:56 - cmdstanpy - INFO - Chain [1] start processing
01:11:56 - cmdstanpy - INFO - Chain [1] done processing
01:11:56 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:11:56 - cmdstanpy - INFO - Chain [1] done processing
01:11:57 - cmdstanpy - INFO - Chain [1] start processing
01:11:57 - cmdstanpy - INFO - Chain [1] done processing
01:11:57 - cmdstanpy - INFO - Chain [1] start processing
01:11:57 - cmdstanpy - INFO - Chain [1] done processing
01:11:57 - cmdstanpy - INFO - Chain [1] start processing
01:11:57 - cmdstanpy - INFO - Chain [1] done processing
01:11:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:57 - cmdstanpy - INFO - Chain [1] start processing
01:11:58 - cmdstanpy - INFO - Chain [1] done processing
01:11:58 - cmdstanpy - INFO - Chain [1] start processing
01:11:58 - cmdstanpy - INFO - Chain [1] done processing
01:11:58 - cmdstanpy - INFO - Chain [1] start processing
01:11:58 - cmdstanpy - INFO - Chain [1] done processing
01:11:59 - cmdstanpy - INFO - Chain [1] start processing
01:11:59 - cmdstanpy - INFO - Chain [1] done processing
01:11:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:11:59 - cmdstanpy - INFO - Chain [1] start processing
01:11:59 - cmdstanpy - INFO - Chain [1] done processing
01:11:59 - cmdstanpy - INFO - Chain [1] start processing
01:11:59 - cmdstanpy - INFO - Chain [1] done processing
01:12:00 - cmdstanpy - INFO - Chain [1] start processing
01:12:00 - cmdstanpy - INFO - Chain [1] done processing
01:12:00 - cmdstanpy - INFO - Chain [1] start processing
01:12:00 - cmdstanpy - INFO - Chain [1] done processing
01:12:00 - cmdstanpy - INFO - Chain [1] start processing
01:12:00 - cmdstanpy - INFO - Chain [1] done processing
01:12:01 - cmdstanpy - INFO - Chain [1] start processing
01:12:01 - cmdstanpy - INFO - Chain [1] done processing
01:12:01 - cmdstanpy - INFO - Chain [1] start processing
01:12:01 - cmdstanpy - INFO - Chain [1] done processing
01:12:01 - cmdstanpy - INFO - Chain [1] start processing
01:12:01 - cmdstanpy - INFO - Chain [1] done processing
01:12:02 - cmdstanpy - INFO - Chain [1] start processing
01:12:02 - cmdstanpy - INFO - Chain [1] done processing
01:12:02 - cmdstanpy - INFO - Chain [1] start processing
01:12:02 - cmdstanpy - INFO - Chain [1] done processing
01:12:03 - cmdstanpy - INFO - Chain [1] start processing
01:12:03 - cmdstanpy - INFO - Chain [1] done processing
01:12:03 - cmdstanpy - INFO - Chain [1] start processing
01:12:03 - cmdstanpy - INFO - Chain [1] done processing
01:12:03 - cmdstanpy - INFO - Chain [1] start processing
01:12:04 - cmdstanpy - INFO - Chain [1] done processing
01:12:04 - cmdstanpy - INFO - Chain [1] start processing
01:12:04 - cmdstanpy - INFO - Chain [1] done processing
01:12:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:04 - cmdstanpy - INFO - Chain [1] start processing
01:12:04 - cmdstanpy - INFO - Chain [1] done processing
01:12:05 - cmdstanpy - INFO - Chain [1] start processing
01:12:05 - cmdstanpy - INFO - Chain [1] done processing
01:12:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:05 - cmdstanpy - INFO - Chain [1] start processing
01:12:05 - cmdstanpy - INFO - Chain [1] done processing
01:12:05 - cmdstanpy - INFO - Chain [1] start processing
01:12:05 - cmdstanpy - INFO - Chain [1] done processing
01:12:05 - cmdstanpy - INFO - Chain [1] start processing
01:12:06 - cmdstanpy - INFO - Chain [1] done processing
01:12:06 - cmdstanpy - INFO - Chain [1] start processing
01:12:06 - cmdstanpy - INFO - Chain [1] done processing
01:12:06 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:12:06 - cmdstanpy - INFO - Chain [1] done processing
01:12:06 - cmdstanpy - INFO - Chain [1] start processing
01:12:06 - cmdstanpy - INFO - Chain [1] done processing
01:12:07 - cmdstanpy - INFO - Chain [1] start processing
01:12:07 - cmdstanpy - INFO - Chain [1] done processing
01:12:07 - cmdstanpy - INFO - Chain [1] start processing
01:12:07 - cmdstanpy - INFO - Chain [1] done processing
01:12:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:07 - cmdstanpy - INFO - Chain [1] start processing
01:12:07 - cmdstanpy - INFO - Chain [1] done processing
01:12:08 - cmdstanpy - INFO - Chain [1] start processing
01:12:08 - cmdstanpy - INFO - Chain [1] done processing
01:12:08 - cmdstanpy - INFO - Chain [1] start processing
01:12:08 - cmdstanpy - INFO - Chain [1] done processing
01:12:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:08 - cmdstanpy - INFO - Chain [1] start processing
01:12:08 - cmdstanpy - INFO - Chain [1] done processing
01:12:09 - cmdstanpy - INFO - Chain [1] start processing
01:12:09 - cmdstanpy - INFO - Chain [1] done processing
01:12:09 - cmdstanpy - INFO - Chain [1] start processing
01:12:09 - cmdstanpy - INFO - Chain [1] done processing
01:12:09 - cmdstanpy - INFO - Chain [1] start processing
01:12:09 - cmdstanpy - INFO - Chain [1] done processing
01:12:10 - cmdstanpy - INFO - Chain [1] start processing
01:12:10 - cmdstanpy - INFO - Chain [1] done processing
01:12:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:10 - cmdstanpy - INFO - Chain [1] start processing
01:12:10 - cmdstanpy - INFO - Chain [1] done processing
01:12:10 - cmdstanpy - INFO - Chain [1] start processing
01:12:10 - cmdstanpy - INFO - Chain [1] done processing
01:12:10 - cmdstanpy - INFO - Chain [1] start processing
01:12:11 - cmdstanpy - INFO - Chain [1] done processing
01:12:11 - cmdstanpy - INFO - Chain [1] start processing
01:12:11 - cmdstanpy - INFO - Chain [1] done processing
01:12:11 - cmdstanpy - INFO - Chain [1] start processing
01:12:11 - cmdstanpy - INFO - Chain [1] done processing
01:12:11 - cmdstanpy - INFO - Chain [1] start processing
01:12:11 - cmdstanpy - INFO - Chain [1] done processing
01:12:12 - cmdstanpy - INFO - Chain [1] start processing
01:12:12 - cmdstanpy - INFO - Chain [1] done processing
01:12:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:12 - cmdstanpy - INFO - Chain [1] start processing
01:12:12 - cmdstanpy - INFO - Chain [1] done processing
01:12:12 - cmdstanpy - INFO - Chain [1] start processing
01:12:12 - cmdstanpy - INFO - Chain [1] done processing
01:12:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:12 - cmdstanpy - INFO - Chain [1] start processing
01:12:13 - cmdstanpy - INFO - Chain [1] done processing
01:12:13 - cmdstanpy - INFO - Chain [1] start processing
01:12:13 - cmdstanpy - INFO - Chain [1] done processing
01:12:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:13 - cmdstanpy - INFO - Chain [1] start processing
01:12:13 - cmdstanpy - INFO - Chain [1] done processing
01:12:14 - cmdstanpy - INFO - Chain [1] start processing
01:12:14 - cmdstanpy - INFO - Chain [1] done processing
01:12:14 - cmdstanpy - INFO - Chain [1] start processing
01:12:14 - cmdstanpy - INFO - Chain [1] done processing
01:12:14 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:12:14 - cmdstanpy - INFO - Chain [1] done processing
01:12:15 - cmdstanpy - INFO - Chain [1] start processing
01:12:15 - cmdstanpy - INFO - Chain [1] done processing
01:12:15 - cmdstanpy - INFO - Chain [1] start processing
01:12:15 - cmdstanpy - INFO - Chain [1] done processing
01:12:15 - cmdstanpy - INFO - Chain [1] start processing
01:12:15 - cmdstanpy - INFO - Chain [1] done processing
01:12:16 - cmdstanpy - INFO - Chain [1] start processing
01:12:16 - cmdstanpy - INFO - Chain [1] done processing
01:12:16 - cmdstanpy - INFO - Chain [1] start processing
01:12:16 - cmdstanpy - INFO - Chain [1] done processing
01:12:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:16 - cmdstanpy - INFO - Chain [1] start processing
01:12:17 - cmdstanpy - INFO - Chain [1] done processing
01:12:17 - cmdstanpy - INFO - Chain [1] start processing
01:12:17 - cmdstanpy - INFO - Chain [1] done processing
01:12:17 - cmdstanpy - INFO - Chain [1] start processing
01:12:17 - cmdstanpy - INFO - Chain [1] done processing
01:12:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:17 - cmdstanpy - INFO - Chain [1] start processing
01:12:17 - cmdstanpy - INFO - Chain [1] done processing
01:12:18 - cmdstanpy - INFO - Chain [1] start processing
01:12:18 - cmdstanpy - INFO - Chain [1] done processing
01:12:18 - cmdstanpy - INFO - Chain [1] start processing
01:12:18 - cmdstanpy - INFO - Chain [1] done processing
01:12:18 - cmdstanpy - INFO - Chain [1] start processing
01:12:18 - cmdstanpy - INFO - Chain [1] done processing
01:12:19 - cmdstanpy - INFO - Chain [1] start processing
01:12:19 - cmdstanpy - INFO - Chain [1] done processing
01:12:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:19 - cmdstanpy - INFO - Chain [1] start processing
01:12:19 - cmdstanpy - INFO - Chain [1] done processing
01:12:19 - cmdstanpy - INFO - Chain [1] start processing
01:12:19 - cmdstanpy - INFO - Chain [1] done processing
01:12:20 - cmdstanpy - INFO - Chain [1] start processing
01:12:20 - cmdstanpy - INFO - Chain [1] done processing
01:12:20 - cmdstanpy - INFO - Chain [1] start processing
01:12:20 - cmdstanpy - INFO - Chain [1] done processing
01:12:20 - cmdstanpy - INFO - Chain [1] start processing
01:12:20 - cmdstanpy - INFO - Chain [1] done processing
01:12:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:20 - cmdstanpy - INFO - Chain [1] start processing
01:12:21 - cmdstanpy - INFO - Chain [1] done processing
01:12:21 - cmdstanpy - INFO - Chain [1] start processing
01:12:21 - cmdstanpy - INFO - Chain [1] done processing
01:12:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:21 - cmdstanpy - INFO - Chain [1] start processing
01:12:21 - cmdstanpy - INFO - Chain [1] done processing
01:12:22 - cmdstanpy - INFO - Chain [1] start processing
01:12:22 - cmdstanpy - INFO - Chain [1] done processing
01:12:22 - cmdstanpy - INFO - Chain [1] start processing
01:12:22 - cmdstanpy - INFO - Chain [1] done processing
01:12:22 - cmdstanpy - INFO - Chain [1] start processing
01:12:22 - cmdstanpy - INFO - Chain [1] done processing
01:12:23 - cmdstanpy - INFO - Chain [1] start processing
01:12:23 - cmdstanpy - INFO - Chain [1] done processing
01:12:23 - cmdstanpy - INFO - Chain [1] start processing
01:12:23 - cmdstanpy - INFO - Chain [1] done processing
01:12:23 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:12:23 - cmdstanpy - INFO - Chain [1] done processing
01:12:24 - cmdstanpy - INFO - Chain [1] start processing
01:12:24 - cmdstanpy - INFO - Chain [1] done processing
01:12:24 - cmdstanpy - INFO - Chain [1] start processing
01:12:24 - cmdstanpy - INFO - Chain [1] done processing
01:12:24 - cmdstanpy - INFO - Chain [1] start processing
01:12:24 - cmdstanpy - INFO - Chain [1] done processing
01:12:25 - cmdstanpy - INFO - Chain [1] start processing
01:12:25 - cmdstanpy - INFO - Chain [1] done processing
01:12:25 - cmdstanpy - INFO - Chain [1] start processing
01:12:25 - cmdstanpy - INFO - Chain [1] done processing
01:12:25 - cmdstanpy - INFO - Chain [1] start processing
01:12:25 - cmdstanpy - INFO - Chain [1] done processing
01:12:26 - cmdstanpy - INFO - Chain [1] start processing
01:12:26 - cmdstanpy - INFO - Chain [1] done processing
01:12:26 - cmdstanpy - INFO - Chain [1] start processing
01:12:26 - cmdstanpy - INFO - Chain [1] done processing
01:12:26 - cmdstanpy - INFO - Chain [1] start processing
01:12:26 - cmdstanpy - INFO - Chain [1] done processing
01:12:26 - cmdstanpy - INFO - Chain [1] start processing
01:12:27 - cmdstanpy - INFO - Chain [1] done processing
01:12:27 - cmdstanpy - INFO - Chain [1] start processing
01:12:27 - cmdstanpy - INFO - Chain [1] done processing
01:12:27 - cmdstanpy - INFO - Chain [1] start processing
01:12:27 - cmdstanpy - INFO - Chain [1] done processing
01:12:27 - cmdstanpy - INFO - Chain [1] start processing
01:12:28 - cmdstanpy - INFO - Chain [1] done processing
01:12:28 - cmdstanpy - INFO - Chain [1] start processing
01:12:28 - cmdstanpy - INFO - Chain [1] done processing
01:12:28 - cmdstanpy - INFO - Chain [1] start processing
01:12:28 - cmdstanpy - INFO - Chain [1] done processing
01:12:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:28 - cmdstanpy - INFO - Chain [1] start processing
01:12:28 - cmdstanpy - INFO - Chain [1] done processing
01:12:29 - cmdstanpy - INFO - Chain [1] start processing
01:12:29 - cmdstanpy - INFO - Chain [1] done processing
01:12:29 - cmdstanpy - INFO - Chain [1] start processing
01:12:29 - cmdstanpy - INFO - Chain [1] done processing
01:12:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:29 - cmdstanpy - INFO - Chain [1] start processing
01:12:29 - cmdstanpy - INFO - Chain [1] done processing
01:12:29 - cmdstanpy - INFO - Chain [1] start processing
01:12:29 - cmdstanpy - INFO - Chain [1] done processing
01:12:30 - cmdstanpy - INFO - Chain [1] start processing
01:12:30 - cmdstanpy - INFO - Chain [1] done processing
01:12:30 - cmdstanpy - INFO - Chain [1] start processing
01:12:30 - cmdstanpy - INFO - Chain [1] done processing
01:12:30 - cmdstanpy - INFO - Chain [1] start processing
01:12:30 - cmdstanpy - INFO - Chain [1] done processing
01:12:31 - cmdstanpy - INFO - Chain [1] start processing
01:12:31 - cmdstanpy - INFO - Chain [1] done processing
01:12:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:31 - cmdstanpy - INFO - Chain [1] start processing
01:12:31 - cmdstanpy - INFO - Chain [1] done processing
01:12:31 - cmdstanpy - INFO - Chain [1] start processing
01:12:31 - cmdstanpy - INFO - Chain [1] done processing
01:12:32 - cmdstanpy - INFO - Chain [1] start processing
01:12:32 - cmdstanpy - INFO - Chain [1] done processing
01:12:32 - cmdstanpy - INFO - Chain [1] start processing
01:12:32 - cmdstanpy - INFO - Chain [1] done processing
01:12:32 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:12:32 - cmdstanpy - INFO - Chain [1] done processing
01:12:33 - cmdstanpy - INFO - Chain [1] start processing
01:12:33 - cmdstanpy - INFO - Chain [1] done processing
01:12:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:33 - cmdstanpy - INFO - Chain [1] start processing
01:12:33 - cmdstanpy - INFO - Chain [1] done processing
01:12:33 - cmdstanpy - INFO - Chain [1] start processing
01:12:33 - cmdstanpy - INFO - Chain [1] done processing
01:12:33 - cmdstanpy - INFO - Chain [1] start processing
01:12:33 - cmdstanpy - INFO - Chain [1] done processing
01:12:34 - cmdstanpy - INFO - Chain [1] start processing
01:12:34 - cmdstanpy - INFO - Chain [1] done processing
01:12:34 - cmdstanpy - INFO - Chain [1] start processing
01:12:34 - cmdstanpy - INFO - Chain [1] done processing
01:12:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:34 - cmdstanpy - INFO - Chain [1] start processing
01:12:34 - cmdstanpy - INFO - Chain [1] done processing
01:12:35 - cmdstanpy - INFO - Chain [1] start processing
01:12:35 - cmdstanpy - INFO - Chain [1] done processing
01:12:35 - cmdstanpy - INFO - Chain [1] start processing
01:12:35 - cmdstanpy - INFO - Chain [1] done processing
01:12:35 - cmdstanpy - INFO - Chain [1] start processing
01:12:35 - cmdstanpy - INFO - Chain [1] done processing
01:12:36 - cmdstanpy - INFO - Chain [1] start processing
01:12:36 - cmdstanpy - INFO - Chain [1] done processing
01:12:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:36 - cmdstanpy - INFO - Chain [1] start processing
01:12:36 - cmdstanpy - INFO - Chain [1] done processing
01:12:36 - cmdstanpy - INFO - Chain [1] start processing
01:12:36 - cmdstanpy - INFO - Chain [1] done processing
01:12:36 - cmdstanpy - INFO - Chain [1] start processing
01:12:36 - cmdstanpy - INFO - Chain [1] done processing
01:12:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:37 - cmdstanpy - INFO - Chain [1] start processing
01:12:37 - cmdstanpy - INFO - Chain [1] done processing
01:12:37 - cmdstanpy - INFO - Chain [1] start processing
01:12:37 - cmdstanpy - INFO - Chain [1] done processing
01:12:37 - cmdstanpy - INFO - Chain [1] start processing
01:12:37 - cmdstanpy - INFO - Chain [1] done processing
01:12:38 - cmdstanpy - INFO - Chain [1] start processing
01:12:38 - cmdstanpy - INFO - Chain [1] done processing
01:12:38 - cmdstanpy - INFO - Chain [1] start processing
01:12:38 - cmdstanpy - INFO - Chain [1] done processing
01:12:38 - cmdstanpy - INFO - Chain [1] start processing
01:12:38 - cmdstanpy - INFO - Chain [1] done processing
01:12:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:38 - cmdstanpy - INFO - Chain [1] start processing
01:12:39 - cmdstanpy - INFO - Chain [1] done processing
01:12:39 - cmdstanpy - INFO - Chain [1] start processing
01:12:39 - cmdstanpy - INFO - Chain [1] done processing
01:12:39 - cmdstanpy - INFO - Chain [1] start processing
01:12:39 - cmdstanpy - INFO - Chain [1] done processing
01:12:40 - cmdstanpy - INFO - Chain [1] start processing
01:12:40 - cmdstanpy - INFO - Chain [1] done processing
01:12:40 - cmdstanpy - INFO - Chain [1] start processing
01:12:40 - cmdstanpy - INFO - Chain [1] done processing
01:12:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:40 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:12:40 - cmdstanpy - INFO - Chain [1] done processing
01:12:41 - cmdstanpy - INFO - Chain [1] start processing
01:12:41 - cmdstanpy - INFO - Chain [1] done processing
01:12:41 - cmdstanpy - INFO - Chain [1] start processing
01:12:41 - cmdstanpy - INFO - Chain [1] done processing
01:12:41 - cmdstanpy - INFO - Chain [1] start processing
01:12:41 - cmdstanpy - INFO - Chain [1] done processing
01:12:41 - cmdstanpy - INFO - Chain [1] start processing
01:12:41 - cmdstanpy - INFO - Chain [1] done processing
01:12:42 - cmdstanpy - INFO - Chain [1] start processing
01:12:42 - cmdstanpy - INFO - Chain [1] done processing
01:12:42 - cmdstanpy - INFO - Chain [1] start processing
01:12:42 - cmdstanpy - INFO - Chain [1] done processing
01:12:42 - cmdstanpy - INFO - Chain [1] start processing
01:12:43 - cmdstanpy - INFO - Chain [1] done processing
01:12:43 - cmdstanpy - INFO - Chain [1] start processing
01:12:43 - cmdstanpy - INFO - Chain [1] done processing
01:12:43 - cmdstanpy - INFO - Chain [1] start processing
01:12:43 - cmdstanpy - INFO - Chain [1] done processing
01:12:43 - cmdstanpy - INFO - Chain [1] start processing
01:12:43 - cmdstanpy - INFO - Chain [1] done processing
01:12:44 - cmdstanpy - INFO - Chain [1] start processing
01:12:44 - cmdstanpy - INFO - Chain [1] done processing
01:12:44 - cmdstanpy - INFO - Chain [1] start processing
01:12:44 - cmdstanpy - INFO - Chain [1] done processing
01:12:44 - cmdstanpy - INFO - Chain [1] start processing
01:12:44 - cmdstanpy - INFO - Chain [1] done processing
01:12:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:44 - cmdstanpy - INFO - Chain [1] start processing
01:12:45 - cmdstanpy - INFO - Chain [1] done processing
01:12:45 - cmdstanpy - INFO - Chain [1] start processing
01:12:45 - cmdstanpy - INFO - Chain [1] done processing
01:12:45 - cmdstanpy - INFO - Chain [1] start processing
01:12:45 - cmdstanpy - INFO - Chain [1] done processing
01:12:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:45 - cmdstanpy - INFO - Chain [1] start processing
01:12:46 - cmdstanpy - INFO - Chain [1] done processing
01:12:46 - cmdstanpy - INFO - Chain [1] start processing
01:12:46 - cmdstanpy - INFO - Chain [1] done processing
01:12:46 - cmdstanpy - INFO - Chain [1] start processing
01:12:46 - cmdstanpy - INFO - Chain [1] done processing
01:12:47 - cmdstanpy - INFO - Chain [1] start processing
01:12:47 - cmdstanpy - INFO - Chain [1] done processing
01:12:47 - cmdstanpy - INFO - Chain [1] start processing
01:12:47 - cmdstanpy - INFO - Chain [1] done processing
01:12:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:47 - cmdstanpy - INFO - Chain [1] start processing
01:12:47 - cmdstanpy - INFO - Chain [1] done processing
01:12:48 - cmdstanpy - INFO - Chain [1] start processing
01:12:48 - cmdstanpy - INFO - Chain [1] done processing
01:12:48 - cmdstanpy - INFO - Chain [1] start processing
01:12:48 - cmdstanpy - INFO - Chain [1] done processing
01:12:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:48 - cmdstanpy - INFO - Chain [1] start processing
01:12:48 - cmdstanpy - INFO - Chain [1] done processing
01:12:49 - cmdstanpy - INFO - Chain [1] start processing
01:12:49 - cmdstanpy - INFO - Chain [1] done processing
01:12:49 - cmdstanpy - INFO - Chain [1] start processing
01:12:49 - cmdstanpy - INFO - Chain [1] done processing
01:12:49 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:12:49 - cmdstanpy - INFO - Chain [1] done processing
01:12:50 - cmdstanpy - INFO - Chain [1] start processing
01:12:50 - cmdstanpy - INFO - Chain [1] done processing
01:12:50 - cmdstanpy - INFO - Chain [1] start processing
01:12:50 - cmdstanpy - INFO - Chain [1] done processing
01:12:50 - cmdstanpy - INFO - Chain [1] start processing
01:12:50 - cmdstanpy - INFO - Chain [1] done processing
01:12:51 - cmdstanpy - INFO - Chain [1] start processing
01:12:51 - cmdstanpy - INFO - Chain [1] done processing
01:12:51 - cmdstanpy - INFO - Chain [1] start processing
01:12:51 - cmdstanpy - INFO - Chain [1] done processing
01:12:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:51 - cmdstanpy - INFO - Chain [1] start processing
01:12:51 - cmdstanpy - INFO - Chain [1] done processing
01:12:52 - cmdstanpy - INFO - Chain [1] start processing
01:12:52 - cmdstanpy - INFO - Chain [1] done processing
01:12:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:52 - cmdstanpy - INFO - Chain [1] start processing
01:12:52 - cmdstanpy - INFO - Chain [1] done processing
01:12:52 - cmdstanpy - INFO - Chain [1] start processing
01:12:52 - cmdstanpy - INFO - Chain [1] done processing
01:12:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:52 - cmdstanpy - INFO - Chain [1] start processing
01:12:53 - cmdstanpy - INFO - Chain [1] done processing
01:12:53 - cmdstanpy - INFO - Chain [1] start processing
01:12:53 - cmdstanpy - INFO - Chain [1] done processing
01:12:53 - cmdstanpy - INFO - Chain [1] start processing
01:12:53 - cmdstanpy - INFO - Chain [1] done processing
01:12:54 - cmdstanpy - INFO - Chain [1] start processing
01:12:54 - cmdstanpy - INFO - Chain [1] done processing
01:12:54 - cmdstanpy - INFO - Chain [1] start processing
01:12:54 - cmdstanpy - INFO - Chain [1] done processing
01:12:54 - cmdstanpy - INFO - Chain [1] start processing
01:12:54 - cmdstanpy - INFO - Chain [1] done processing
01:12:55 - cmdstanpy - INFO - Chain [1] start processing
01:12:55 - cmdstanpy - INFO - Chain [1] done processing
01:12:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:55 - cmdstanpy - INFO - Chain [1] start processing
01:12:55 - cmdstanpy - INFO - Chain [1] done processing
01:12:55 - cmdstanpy - INFO - Chain [1] start processing
01:12:55 - cmdstanpy - INFO - Chain [1] done processing
01:12:56 - cmdstanpy - INFO - Chain [1] start processing
01:12:56 - cmdstanpy - INFO - Chain [1] done processing
01:12:56 - cmdstanpy - INFO - Chain [1] start processing
01:12:56 - cmdstanpy - INFO - Chain [1] done processing
01:12:56 - cmdstanpy - INFO - Chain [1] start processing
01:12:56 - cmdstanpy - INFO - Chain [1] done processing
01:12:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:56 - cmdstanpy - INFO - Chain [1] start processing
01:12:57 - cmdstanpy - INFO - Chain [1] done processing
01:12:57 - cmdstanpy - INFO - Chain [1] start processing
01:12:57 - cmdstanpy - INFO - Chain [1] done processing
01:12:57 - cmdstanpy - INFO - Chain [1] start processing
01:12:57 - cmdstanpy - INFO - Chain [1] done processing
01:12:58 - cmdstanpy - INFO - Chain [1] start processing
01:12:58 - cmdstanpy - INFO - Chain [1] done processing
01:12:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:12:58 - cmdstanpy - INFO - Chain [1] done processing
01:12:58 - cmdstanpy - INFO - Chain [1] start processing
01:12:58 - cmdstanpy - INFO - Chain [1] done processing
01:12:58 - cmdstanpy - INFO - Chain [1] start processing
01:12:59 - cmdstanpy - INFO - Chain [1] done processing
01:12:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:59 - cmdstanpy - INFO - Chain [1] start processing
01:12:59 - cmdstanpy - INFO - Chain [1] done processing
01:12:59 - cmdstanpy - INFO - Chain [1] start processing
01:12:59 - cmdstanpy - INFO - Chain [1] done processing
01:12:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:12:59 - cmdstanpy - INFO - Chain [1] start processing
01:12:59 - cmdstanpy - INFO - Chain [1] done processing
01:13:00 - cmdstanpy - INFO - Chain [1] start processing
01:13:00 - cmdstanpy - INFO - Chain [1] done processing
01:13:00 - cmdstanpy - INFO - Chain [1] start processing
01:13:00 - cmdstanpy - INFO - Chain [1] done processing
01:13:00 - cmdstanpy - INFO - Chain [1] start processing
01:13:00 - cmdstanpy - INFO - Chain [1] done processing
01:13:01 - cmdstanpy - INFO - Chain [1] start processing
01:13:01 - cmdstanpy - INFO - Chain [1] done processing
01:13:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:01 - cmdstanpy - INFO - Chain [1] start processing
01:13:01 - cmdstanpy - INFO - Chain [1] done processing
01:13:01 - cmdstanpy - INFO - Chain [1] start processing
01:13:01 - cmdstanpy - INFO - Chain [1] done processing
01:13:02 - cmdstanpy - INFO - Chain [1] start processing
01:13:02 - cmdstanpy - INFO - Chain [1] done processing
01:13:02 - cmdstanpy - INFO - Chain [1] start processing
01:13:02 - cmdstanpy - INFO - Chain [1] done processing
01:13:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:02 - cmdstanpy - INFO - Chain [1] start processing
01:13:02 - cmdstanpy - INFO - Chain [1] done processing
01:13:02 - cmdstanpy - INFO - Chain [1] start processing
01:13:03 - cmdstanpy - INFO - Chain [1] done processing
01:13:03 - cmdstanpy - INFO - Chain [1] start processing
01:13:03 - cmdstanpy - INFO - Chain [1] done processing
01:13:03 - cmdstanpy - INFO - Chain [1] start processing
01:13:03 - cmdstanpy - INFO - Chain [1] done processing
01:13:04 - cmdstanpy - INFO - Chain [1] start processing
01:13:04 - cmdstanpy - INFO - Chain [1] done processing
01:13:04 - cmdstanpy - INFO - Chain [1] start processing
01:13:04 - cmdstanpy - INFO - Chain [1] done processing
01:13:04 - cmdstanpy - INFO - Chain [1] start processing
01:13:04 - cmdstanpy - INFO - Chain [1] done processing
01:13:05 - cmdstanpy - INFO - Chain [1] start processing
01:13:05 - cmdstanpy - INFO - Chain [1] done processing
01:13:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:05 - cmdstanpy - INFO - Chain [1] start processing
01:13:05 - cmdstanpy - INFO - Chain [1] done processing
01:13:06 - cmdstanpy - INFO - Chain [1] start processing
01:13:06 - cmdstanpy - INFO - Chain [1] done processing
01:13:06 - cmdstanpy - INFO - Chain [1] start processing
01:13:06 - cmdstanpy - INFO - Chain [1] done processing
01:13:06 - cmdstanpy - INFO - Chain [1] start processing
01:13:06 - cmdstanpy - INFO - Chain [1] done processing
01:13:07 - cmdstanpy - INFO - Chain [1] start processing
01:13:07 - cmdstanpy - INFO - Chain [1] done processing
01:13:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:13:07 - cmdstanpy - INFO - Chain [1] start processing
01:13:07 - cmdstanpy - INFO - Chain [1] done processing
01:13:07 - cmdstanpy - INFO - Chain [1] start processing
01:13:07 - cmdstanpy - INFO - Chain [1] done processing
01:13:07 - cmdstanpy - INFO - Chain [1] start processing
01:13:07 - cmdstanpy - INFO - Chain [1] done processing
01:13:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:08 - cmdstanpy - INFO - Chain [1] start processing
01:13:08 - cmdstanpy - INFO - Chain [1] done processing
01:13:08 - cmdstanpy - INFO - Chain [1] start processing
01:13:08 - cmdstanpy - INFO - Chain [1] done processing
01:13:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:08 - cmdstanpy - INFO - Chain [1] start processing
01:13:08 - cmdstanpy - INFO - Chain [1] done processing
01:13:09 - cmdstanpy - INFO - Chain [1] start processing
01:13:09 - cmdstanpy - INFO - Chain [1] done processing
01:13:09 - cmdstanpy - INFO - Chain [1] start processing
01:13:09 - cmdstanpy - INFO - Chain [1] done processing
01:13:09 - cmdstanpy - INFO - Chain [1] start processing
01:13:09 - cmdstanpy - INFO - Chain [1] done processing
01:13:10 - cmdstanpy - INFO - Chain [1] start processing
01:13:10 - cmdstanpy - INFO - Chain [1] done processing
01:13:10 - cmdstanpy - INFO - Chain [1] start processing
01:13:10 - cmdstanpy - INFO - Chain [1] done processing
01:13:10 - cmdstanpy - INFO - Chain [1] start processing
01:13:10 - cmdstanpy - INFO - Chain [1] done processing
01:13:11 - cmdstanpy - INFO - Chain [1] start processing
01:13:11 - cmdstanpy - INFO - Chain [1] done processing
01:13:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:11 - cmdstanpy - INFO - Chain [1] start processing
01:13:11 - cmdstanpy - INFO - Chain [1] done processing
01:13:11 - cmdstanpy - INFO - Chain [1] start processing
01:13:12 - cmdstanpy - INFO - Chain [1] done processing
01:13:12 - cmdstanpy - INFO - Chain [1] start processing
01:13:12 - cmdstanpy - INFO - Chain [1] done processing
01:13:12 - cmdstanpy - INFO - Chain [1] start processing
01:13:12 - cmdstanpy - INFO - Chain [1] done processing
01:13:13 - cmdstanpy - INFO - Chain [1] start processing
01:13:13 - cmdstanpy - INFO - Chain [1] done processing
01:13:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:13 - cmdstanpy - INFO - Chain [1] start processing
01:13:13 - cmdstanpy - INFO - Chain [1] done processing
01:13:13 - cmdstanpy - INFO - Chain [1] start processing
01:13:13 - cmdstanpy - INFO - Chain [1] done processing
01:13:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:13 - cmdstanpy - INFO - Chain [1] start processing
01:13:14 - cmdstanpy - INFO - Chain [1] done processing
01:13:14 - cmdstanpy - INFO - Chain [1] start processing
01:13:14 - cmdstanpy - INFO - Chain [1] done processing
01:13:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:14 - cmdstanpy - INFO - Chain [1] start processing
01:13:14 - cmdstanpy - INFO - Chain [1] done processing
01:13:14 - cmdstanpy - INFO - Chain [1] start processing
01:13:14 - cmdstanpy - INFO - Chain [1] done processing
01:13:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:14 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:13:15 - cmdstanpy - INFO - Chain [1] done processing
01:13:15 - cmdstanpy - INFO - Chain [1] start processing
01:13:15 - cmdstanpy - INFO - Chain [1] done processing
01:13:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:15 - cmdstanpy - INFO - Chain [1] start processing
01:13:15 - cmdstanpy - INFO - Chain [1] done processing
01:13:15 - cmdstanpy - INFO - Chain [1] start processing
01:13:15 - cmdstanpy - INFO - Chain [1] done processing
01:13:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:15 - cmdstanpy - INFO - Chain [1] start processing
01:13:16 - cmdstanpy - INFO - Chain [1] done processing
01:13:16 - cmdstanpy - INFO - Chain [1] start processing
01:13:16 - cmdstanpy - INFO - Chain [1] done processing
01:13:16 - cmdstanpy - INFO - Chain [1] start processing
01:13:16 - cmdstanpy - INFO - Chain [1] done processing
01:13:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:16 - cmdstanpy - INFO - Chain [1] start processing
01:13:17 - cmdstanpy - INFO - Chain [1] done processing
01:13:17 - cmdstanpy - INFO - Chain [1] start processing
01:13:17 - cmdstanpy - INFO - Chain [1] done processing
01:13:17 - cmdstanpy - INFO - Chain [1] start processing
01:13:17 - cmdstanpy - INFO - Chain [1] done processing
01:13:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:17 - cmdstanpy - INFO - Chain [1] start processing
01:13:18 - cmdstanpy - INFO - Chain [1] done processing
01:13:18 - cmdstanpy - INFO - Chain [1] start processing
01:13:18 - cmdstanpy - INFO - Chain [1] done processing
01:13:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:18 - cmdstanpy - INFO - Chain [1] start processing
01:13:18 - cmdstanpy - INFO - Chain [1] done processing
01:13:18 - cmdstanpy - INFO - Chain [1] start processing
01:13:19 - cmdstanpy - INFO - Chain [1] done processing
01:13:19 - cmdstanpy - INFO - Chain [1] start processing
01:13:19 - cmdstanpy - INFO - Chain [1] done processing
01:13:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:19 - cmdstanpy - INFO - Chain [1] start processing
01:13:19 - cmdstanpy - INFO - Chain [1] done processing
01:13:19 - cmdstanpy - INFO - Chain [1] start processing
01:13:19 - cmdstanpy - INFO - Chain [1] done processing
01:13:20 - cmdstanpy - INFO - Chain [1] start processing
01:13:20 - cmdstanpy - INFO - Chain [1] done processing
01:13:20 - cmdstanpy - INFO - Chain [1] start processing
01:13:20 - cmdstanpy - INFO - Chain [1] done processing
01:13:20 - cmdstanpy - INFO - Chain [1] start processing
01:13:20 - cmdstanpy - INFO - Chain [1] done processing
01:13:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:20 - cmdstanpy - INFO - Chain [1] start processing
01:13:21 - cmdstanpy - INFO - Chain [1] done processing
01:13:21 - cmdstanpy - INFO - Chain [1] start processing
01:13:21 - cmdstanpy - INFO - Chain [1] done processing
01:13:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:21 - cmdstanpy - INFO - Chain [1] start processing
01:13:21 - cmdstanpy - INFO - Chain [1] done processing
01:13:22 - cmdstanpy - INFO - Chain [1] start processing
01:13:22 - cmdstanpy - INFO - Chain [1] done processing
```

01:13:22 - cmdstanpy - INFO - Chain [1] start processing

```
01:13:22 - cmdstanpy - INFO - Chain [1] done processing
01:13:22 - cmdstanpy - INFO - Chain [1] start processing
01:13:22 - cmdstanpy - INFO - Chain [1] done processing
01:13:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:22 - cmdstanpy - INFO - Chain [1] start processing
01:13:23 - cmdstanpy - INFO - Chain [1] done processing
01:13:23 - cmdstanpy - INFO - Chain [1] start processing
01:13:23 - cmdstanpy - INFO - Chain [1] done processing
01:13:23 - cmdstanpy - INFO - Chain [1] start processing
01:13:23 - cmdstanpy - INFO - Chain [1] done processing
01:13:24 - cmdstanpy - INFO - Chain [1] start processing
01:13:24 - cmdstanpy - INFO - Chain [1] done processing
01:13:24 - cmdstanpy - INFO - Chain [1] start processing
01:13:24 - cmdstanpy - INFO - Chain [1] done processing
01:13:24 - cmdstanpy - INFO - Chain [1] start processing
01:13:24 - cmdstanpy - INFO - Chain [1] done processing
01:13:25 - cmdstanpy - INFO - Chain [1] start processing
01:13:25 - cmdstanpy - INFO - Chain [1] done processing
01:13:25 - cmdstanpy - INFO - Chain [1] start processing
01:13:25 - cmdstanpy - INFO - Chain [1] done processing
01:13:25 - cmdstanpy - INFO - Chain [1] start processing
01:13:25 - cmdstanpy - INFO - Chain [1] done processing
01:13:26 - cmdstanpy - INFO - Chain [1] start processing
01:13:26 - cmdstanpy - INFO - Chain [1] done processing
01:13:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:26 - cmdstanpy - INFO - Chain [1] start processing
01:13:26 - cmdstanpy - INFO - Chain [1] done processing
01:13:26 - cmdstanpy - INFO - Chain [1] start processing
01:13:26 - cmdstanpy - INFO - Chain [1] done processing
01:13:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:26 - cmdstanpy - INFO - Chain [1] start processing
01:13:26 - cmdstanpy - INFO - Chain [1] done processing
01:13:27 - cmdstanpy - INFO - Chain [1] start processing
01:13:27 - cmdstanpy - INFO - Chain [1] done processing
01:13:27 - cmdstanpy - INFO - Chain [1] start processing
01:13:27 - cmdstanpy - INFO - Chain [1] done processing
01:13:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:27 - cmdstanpy - INFO - Chain [1] start processing
01:13:27 - cmdstanpy - INFO - Chain [1] done processing
01:13:28 - cmdstanpy - INFO - Chain [1] start processing
01:13:28 - cmdstanpy - INFO - Chain [1] done processing
01:13:28 - cmdstanpy - INFO - Chain [1] start processing
01:13:28 - cmdstanpy - INFO - Chain [1] done processing
01:13:28 - cmdstanpy - INFO - Chain [1] start processing
01:13:28 - cmdstanpy - INFO - Chain [1] done processing
01:13:29 - cmdstanpy - INFO - Chain [1] start processing
01:13:29 - cmdstanpy - INFO - Chain [1] done processing
01:13:29 - cmdstanpy - INFO - Chain [1] start processing
01:13:29 - cmdstanpy - INFO - Chain [1] done processing
01:13:29 - cmdstanpy - INFO - Chain [1] start processing
01:13:29 - cmdstanpy - INFO - Chain [1] done processing
01:13:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:29 - cmdstanpy - INFO - Chain [1] start processing
01:13:30 - cmdstanpy - INFO - Chain [1] done processing
01:13:30 - cmdstanpy - INFO - Chain [1] start processing
01:13:30 - cmdstanpy - INFO - Chain [1] done processing
01:13:30 - cmdstanpy - INFO - Chain [1] start processing
01:13:30 - cmdstanpy - INFO - Chain [1] done processing
01:13:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:13:30 - cmdstanpy - INFO - Chain [1] start processing
01:13:31 - cmdstanpy - INFO - Chain [1] done processing
01:13:31 - cmdstanpy - INFO - Chain [1] start processing
01:13:31 - cmdstanpy - INFO - Chain [1] done processing
01:13:31 - cmdstanpy - INFO - Chain [1] start processing
01:13:31 - cmdstanpy - INFO - Chain [1] done processing
01:13:32 - cmdstanpy - INFO - Chain [1] start processing
01:13:32 - cmdstanpy - INFO - Chain [1] done processing
01:13:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:32 - cmdstanpy - INFO - Chain [1] start processing
01:13:32 - cmdstanpy - INFO - Chain [1] done processing
01:13:32 - cmdstanpy - INFO - Chain [1] start processing
01:13:33 - cmdstanpy - INFO - Chain [1] done processing
01:13:33 - cmdstanpy - INFO - Chain [1] start processing
01:13:33 - cmdstanpy - INFO - Chain [1] done processing
01:13:33 - cmdstanpy - INFO - Chain [1] start processing
01:13:33 - cmdstanpy - INFO - Chain [1] done processing
01:13:33 - cmdstanpy - INFO - Chain [1] start processing
01:13:34 - cmdstanpy - INFO - Chain [1] done processing
01:13:34 - cmdstanpy - INFO - Chain [1] start processing
01:13:34 - cmdstanpy - INFO - Chain [1] done processing
01:13:34 - cmdstanpy - INFO - Chain [1] start processing
01:13:34 - cmdstanpy - INFO - Chain [1] done processing
01:13:34 - cmdstanpy - INFO - Chain [1] start processing
01:13:35 - cmdstanpy - INFO - Chain [1] done processing
01:13:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:35 - cmdstanpy - INFO - Chain [1] start processing
01:13:35 - cmdstanpy - INFO - Chain [1] done processing
01:13:35 - cmdstanpy - INFO - Chain [1] start processing
01:13:35 - cmdstanpy - INFO - Chain [1] done processing
01:13:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:35 - cmdstanpy - INFO - Chain [1] start processing
01:13:36 - cmdstanpy - INFO - Chain [1] done processing
01:13:36 - cmdstanpy - INFO - Chain [1] start processing
01:13:36 - cmdstanpy - INFO - Chain [1] done processing
01:13:36 - cmdstanpy - INFO - Chain [1] start processing
01:13:36 - cmdstanpy - INFO - Chain [1] done processing
01:13:37 - cmdstanpy - INFO - Chain [1] start processing
01:13:37 - cmdstanpy - INFO - Chain [1] done processing
01:13:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:37 - cmdstanpy - INFO - Chain [1] start processing
01:13:37 - cmdstanpy - INFO - Chain [1] done processing
01:13:37 - cmdstanpy - INFO - Chain [1] start processing
01:13:37 - cmdstanpy - INFO - Chain [1] done processing
01:13:37 - cmdstanpy - INFO - Chain [1] start processing
01:13:37 - cmdstanpy - INFO - Chain [1] done processing
01:13:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:38 - cmdstanpy - INFO - Chain [1] start processing
01:13:38 - cmdstanpy - INFO - Chain [1] done processing
01:13:38 - cmdstanpy - INFO - Chain [1] start processing
01:13:38 - cmdstanpy - INFO - Chain [1] done processing
01:13:38 - cmdstanpy - INFO - Chain [1] start processing
01:13:39 - cmdstanpy - INFO - Chain [1] done processing
01:13:39 - cmdstanpy - INFO - Chain [1] start processing
01:13:39 - cmdstanpy - INFO - Chain [1] done processing
01:13:39 - cmdstanpy - INFO - Chain [1] start processing
01:13:39 - cmdstanpy - INFO - Chain [1] done processing
01:13:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:13:40 - cmdstanpy - INFO - Chain [1] done processing
01:13:40 - cmdstanpy - INFO - Chain [1] start processing
01:13:40 - cmdstanpy - INFO - Chain [1] done processing
01:13:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:40 - cmdstanpy - INFO - Chain [1] start processing
01:13:40 - cmdstanpy - INFO - Chain [1] done processing
01:13:40 - cmdstanpy - INFO - Chain [1] start processing
01:13:41 - cmdstanpy - INFO - Chain [1] done processing
01:13:41 - cmdstanpy - INFO - Chain [1] start processing
01:13:41 - cmdstanpy - INFO - Chain [1] done processing
01:13:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:41 - cmdstanpy - INFO - Chain [1] start processing
01:13:41 - cmdstanpy - INFO - Chain [1] done processing
01:13:41 - cmdstanpy - INFO - Chain [1] start processing
01:13:41 - cmdstanpy - INFO - Chain [1] done processing
01:13:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:42 - cmdstanpy - INFO - Chain [1] start processing
01:13:42 - cmdstanpy - INFO - Chain [1] done processing
01:13:42 - cmdstanpy - INFO - Chain [1] start processing
01:13:42 - cmdstanpy - INFO - Chain [1] done processing
01:13:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:42 - cmdstanpy - INFO - Chain [1] start processing
01:13:42 - cmdstanpy - INFO - Chain [1] done processing
01:13:43 - cmdstanpy - INFO - Chain [1] start processing
01:13:43 - cmdstanpy - INFO - Chain [1] done processing
01:13:43 - cmdstanpy - INFO - Chain [1] start processing
01:13:43 - cmdstanpy - INFO - Chain [1] done processing
01:13:43 - cmdstanpy - INFO - Chain [1] start processing
01:13:44 - cmdstanpy - INFO - Chain [1] done processing
01:13:44 - cmdstanpy - INFO - Chain [1] start processing
01:13:44 - cmdstanpy - INFO - Chain [1] done processing
01:13:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:44 - cmdstanpy - INFO - Chain [1] start processing
01:13:44 - cmdstanpy - INFO - Chain [1] done processing
01:13:44 - cmdstanpy - INFO - Chain [1] start processing
01:13:45 - cmdstanpy - INFO - Chain [1] done processing
01:13:45 - cmdstanpy - INFO - Chain [1] start processing
01:13:45 - cmdstanpy - INFO - Chain [1] done processing
01:13:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:45 - cmdstanpy - INFO - Chain [1] start processing
01:13:45 - cmdstanpy - INFO - Chain [1] done processing
01:13:45 - cmdstanpy - INFO - Chain [1] start processing
01:13:45 - cmdstanpy - INFO - Chain [1] done processing
01:13:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:45 - cmdstanpy - INFO - Chain [1] start processing
01:13:46 - cmdstanpy - INFO - Chain [1] done processing
01:13:46 - cmdstanpy - INFO - Chain [1] start processing
01:13:46 - cmdstanpy - INFO - Chain [1] done processing
01:13:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:46 - cmdstanpy - INFO - Chain [1] start processing
01:13:46 - cmdstanpy - INFO - Chain [1] done processing
01:13:46 - cmdstanpy - INFO - Chain [1] start processing
01:13:46 - cmdstanpy - INFO - Chain [1] done processing
01:13:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:13:47 - cmdstanpy - INFO - Chain [1] done processing
01:13:47 - cmdstanpy - INFO - Chain [1] start processing
01:13:47 - cmdstanpy - INFO - Chain [1] done processing
01:13:48 - cmdstanpy - INFO - Chain [1] start processing
01:13:48 - cmdstanpy - INFO - Chain [1] done processing
01:13:48 - cmdstanpy - INFO - Chain [1] start processing
01:13:48 - cmdstanpy - INFO - Chain [1] done processing
01:13:48 - cmdstanpy - INFO - Chain [1] start processing
01:13:48 - cmdstanpy - INFO - Chain [1] done processing
01:13:49 - cmdstanpy - INFO - Chain [1] start processing
01:13:49 - cmdstanpy - INFO - Chain [1] done processing
01:13:49 - cmdstanpy - INFO - Chain [1] start processing
01:13:49 - cmdstanpy - INFO - Chain [1] done processing
01:13:49 - cmdstanpy - INFO - Chain [1] start processing
01:13:49 - cmdstanpy - INFO - Chain [1] done processing
01:13:50 - cmdstanpy - INFO - Chain [1] start processing
01:13:50 - cmdstanpy - INFO - Chain [1] done processing
01:13:50 - cmdstanpy - INFO - Chain [1] start processing
01:13:50 - cmdstanpy - INFO - Chain [1] done processing
01:13:50 - cmdstanpy - INFO - Chain [1] start processing
01:13:50 - cmdstanpy - INFO - Chain [1] done processing
01:13:50 - cmdstanpy - INFO - Chain [1] start processing
01:13:51 - cmdstanpy - INFO - Chain [1] done processing
01:13:51 - cmdstanpy - INFO - Chain [1] start processing
01:13:51 - cmdstanpy - INFO - Chain [1] done processing
01:13:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:51 - cmdstanpy - INFO - Chain [1] start processing
01:13:51 - cmdstanpy - INFO - Chain [1] done processing
01:13:51 - cmdstanpy - INFO - Chain [1] start processing
01:13:51 - cmdstanpy - INFO - Chain [1] done processing
01:13:52 - cmdstanpy - INFO - Chain [1] start processing
01:13:52 - cmdstanpy - INFO - Chain [1] done processing
01:13:52 - cmdstanpy - INFO - Chain [1] start processing
01:13:52 - cmdstanpy - INFO - Chain [1] done processing
01:13:52 - cmdstanpy - INFO - Chain [1] start processing
01:13:52 - cmdstanpy - INFO - Chain [1] done processing
01:13:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:52 - cmdstanpy - INFO - Chain [1] start processing
01:13:53 - cmdstanpy - INFO - Chain [1] done processing
01:13:53 - cmdstanpy - INFO - Chain [1] start processing
01:13:53 - cmdstanpy - INFO - Chain [1] done processing
01:13:53 - cmdstanpy - INFO - Chain [1] start processing
01:13:53 - cmdstanpy - INFO - Chain [1] done processing
01:13:53 - cmdstanpy - INFO - Chain [1] start processing
01:13:54 - cmdstanpy - INFO - Chain [1] done processing
01:13:54 - cmdstanpy - INFO - Chain [1] start processing
01:13:54 - cmdstanpy - INFO - Chain [1] done processing
01:13:54 - cmdstanpy - INFO - Chain [1] start processing
01:13:54 - cmdstanpy - INFO - Chain [1] done processing
01:13:54 - cmdstanpy - INFO - Chain [1] start processing
01:13:54 - cmdstanpy - INFO - Chain [1] done processing
01:13:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:54 - cmdstanpy - INFO - Chain [1] start processing
01:13:55 - cmdstanpy - INFO - Chain [1] done processing
01:13:55 - cmdstanpy - INFO - Chain [1] start processing
01:13:55 - cmdstanpy - INFO - Chain [1] done processing
01:13:56 - cmdstanpy - INFO - Chain [1] start processing
01:13:56 - cmdstanpy - INFO - Chain [1] done processing
01:13:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:56 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:13:56 - cmdstanpy - INFO - Chain [1] done processing
01:13:56 - cmdstanpy - INFO - Chain [1] start processing
01:13:56 - cmdstanpy - INFO - Chain [1] done processing
01:13:56 - cmdstanpy - INFO - Chain [1] start processing
01:13:56 - cmdstanpy - INFO - Chain [1] done processing
01:13:57 - cmdstanpy - INFO - Chain [1] start processing
01:13:57 - cmdstanpy - INFO - Chain [1] done processing
01:13:57 - cmdstanpy - INFO - Chain [1] start processing
01:13:57 - cmdstanpy - INFO - Chain [1] done processing
01:13:57 - cmdstanpy - INFO - Chain [1] start processing
01:13:57 - cmdstanpy - INFO - Chain [1] done processing
01:13:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:57 - cmdstanpy - INFO - Chain [1] start processing
01:13:58 - cmdstanpy - INFO - Chain [1] done processing
01:13:58 - cmdstanpy - INFO - Chain [1] start processing
01:13:58 - cmdstanpy - INFO - Chain [1] done processing
01:13:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:58 - cmdstanpy - INFO - Chain [1] start processing
01:13:58 - cmdstanpy - INFO - Chain [1] done processing
01:13:59 - cmdstanpy - INFO - Chain [1] start processing
01:13:59 - cmdstanpy - INFO - Chain [1] done processing
01:13:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:13:59 - cmdstanpy - INFO - Chain [1] start processing
01:13:59 - cmdstanpy - INFO - Chain [1] done processing
01:13:59 - cmdstanpy - INFO - Chain [1] start processing
01:13:59 - cmdstanpy - INFO - Chain [1] done processing
01:14:00 - cmdstanpy - INFO - Chain [1] start processing
01:14:00 - cmdstanpy - INFO - Chain [1] done processing
01:14:00 - cmdstanpy - INFO - Chain [1] start processing
01:14:00 - cmdstanpy - INFO - Chain [1] done processing
01:14:00 - cmdstanpy - INFO - Chain [1] start processing
01:14:00 - cmdstanpy - INFO - Chain [1] done processing
01:14:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:00 - cmdstanpy - INFO - Chain [1] start processing
01:14:01 - cmdstanpy - INFO - Chain [1] done processing
01:14:01 - cmdstanpy - INFO - Chain [1] start processing
01:14:01 - cmdstanpy - INFO - Chain [1] done processing
01:14:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:01 - cmdstanpy - INFO - Chain [1] start processing
01:14:01 - cmdstanpy - INFO - Chain [1] done processing
01:14:02 - cmdstanpy - INFO - Chain [1] start processing
01:14:02 - cmdstanpy - INFO - Chain [1] done processing
01:14:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:02 - cmdstanpy - INFO - Chain [1] start processing
01:14:02 - cmdstanpy - INFO - Chain [1] done processing
01:14:02 - cmdstanpy - INFO - Chain [1] start processing
01:14:02 - cmdstanpy - INFO - Chain [1] done processing
01:14:02 - cmdstanpy - INFO - Chain [1] start processing
01:14:03 - cmdstanpy - INFO - Chain [1] done processing
01:14:03 - cmdstanpy - INFO - Chain [1] start processing
01:14:03 - cmdstanpy - INFO - Chain [1] done processing
01:14:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:03 - cmdstanpy - INFO - Chain [1] start processing
01:14:03 - cmdstanpy - INFO - Chain [1] done processing
01:14:04 - cmdstanpy - INFO - Chain [1] start processing
01:14:04 - cmdstanpy - INFO - Chain [1] done processing
01:14:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:14:04 - cmdstanpy - INFO - Chain [1] done processing
01:14:04 - cmdstanpy - INFO - Chain [1] start processing
01:14:04 - cmdstanpy - INFO - Chain [1] done processing
01:14:05 - cmdstanpy - INFO - Chain [1] start processing
01:14:05 - cmdstanpy - INFO - Chain [1] done processing
01:14:05 - cmdstanpy - INFO - Chain [1] start processing
01:14:05 - cmdstanpy - INFO - Chain [1] done processing
01:14:05 - cmdstanpy - INFO - Chain [1] start processing
01:14:05 - cmdstanpy - INFO - Chain [1] done processing
01:14:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:05 - cmdstanpy - INFO - Chain [1] start processing
01:14:06 - cmdstanpy - INFO - Chain [1] done processing
01:14:06 - cmdstanpy - INFO - Chain [1] start processing
01:14:06 - cmdstanpy - INFO - Chain [1] done processing
01:14:06 - cmdstanpy - INFO - Chain [1] start processing
01:14:06 - cmdstanpy - INFO - Chain [1] done processing
01:14:07 - cmdstanpy - INFO - Chain [1] start processing
01:14:07 - cmdstanpy - INFO - Chain [1] done processing
01:14:07 - cmdstanpy - INFO - Chain [1] start processing
01:14:07 - cmdstanpy - INFO - Chain [1] done processing
01:14:07 - cmdstanpy - INFO - Chain [1] start processing
01:14:08 - cmdstanpy - INFO - Chain [1] done processing
01:14:08 - cmdstanpy - INFO - Chain [1] start processing
01:14:08 - cmdstanpy - INFO - Chain [1] done processing
01:14:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:08 - cmdstanpy - INFO - Chain [1] start processing
01:14:08 - cmdstanpy - INFO - Chain [1] done processing
01:14:08 - cmdstanpy - INFO - Chain [1] start processing
01:14:08 - cmdstanpy - INFO - Chain [1] done processing
01:14:09 - cmdstanpy - INFO - Chain [1] start processing
01:14:09 - cmdstanpy - INFO - Chain [1] done processing
01:14:09 - cmdstanpy - INFO - Chain [1] start processing
01:14:09 - cmdstanpy - INFO - Chain [1] done processing
01:14:10 - cmdstanpy - INFO - Chain [1] start processing
01:14:10 - cmdstanpy - INFO - Chain [1] done processing
01:14:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:10 - cmdstanpy - INFO - Chain [1] start processing
01:14:10 - cmdstanpy - INFO - Chain [1] done processing
01:14:10 - cmdstanpy - INFO - Chain [1] start processing
01:14:10 - cmdstanpy - INFO - Chain [1] done processing
01:14:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:10 - cmdstanpy - INFO - Chain [1] start processing
01:14:11 - cmdstanpy - INFO - Chain [1] done processing
01:14:11 - cmdstanpy - INFO - Chain [1] start processing
01:14:11 - cmdstanpy - INFO - Chain [1] done processing
01:14:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:11 - cmdstanpy - INFO - Chain [1] start processing
01:14:11 - cmdstanpy - INFO - Chain [1] done processing
01:14:11 - cmdstanpy - INFO - Chain [1] start processing
01:14:11 - cmdstanpy - INFO - Chain [1] done processing
01:14:12 - cmdstanpy - INFO - Chain [1] start processing
01:14:12 - cmdstanpy - INFO - Chain [1] done processing
01:14:12 - cmdstanpy - INFO - Chain [1] start processing
01:14:12 - cmdstanpy - INFO - Chain [1] done processing
01:14:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:12 - cmdstanpy - INFO - Chain [1] start processing
01:14:12 - cmdstanpy - INFO - Chain [1] done processing
01:14:13 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:14:13 - cmdstanpy - INFO - Chain [1] done processing
01:14:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:13 - cmdstanpy - INFO - Chain [1] start processing
01:14:13 - cmdstanpy - INFO - Chain [1] done processing
01:14:13 - cmdstanpy - INFO - Chain [1] start processing
01:14:13 - cmdstanpy - INFO - Chain [1] done processing
01:14:14 - cmdstanpy - INFO - Chain [1] start processing
01:14:14 - cmdstanpy - INFO - Chain [1] done processing
01:14:14 - cmdstanpy - INFO - Chain [1] start processing
01:14:14 - cmdstanpy - INFO - Chain [1] done processing
01:14:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:14 - cmdstanpy - INFO - Chain [1] start processing
01:14:14 - cmdstanpy - INFO - Chain [1] done processing
01:14:15 - cmdstanpy - INFO - Chain [1] start processing
01:14:15 - cmdstanpy - INFO - Chain [1] done processing
01:14:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:15 - cmdstanpy - INFO - Chain [1] start processing
01:14:15 - cmdstanpy - INFO - Chain [1] done processing
01:14:15 - cmdstanpy - INFO - Chain [1] start processing
01:14:15 - cmdstanpy - INFO - Chain [1] done processing
01:14:16 - cmdstanpy - INFO - Chain [1] start processing
01:14:16 - cmdstanpy - INFO - Chain [1] done processing
01:14:16 - cmdstanpy - INFO - Chain [1] start processing
01:14:16 - cmdstanpy - INFO - Chain [1] done processing
01:14:16 - cmdstanpy - INFO - Chain [1] start processing
01:14:16 - cmdstanpy - INFO - Chain [1] done processing
01:14:17 - cmdstanpy - INFO - Chain [1] start processing
01:14:17 - cmdstanpy - INFO - Chain [1] done processing
01:14:17 - cmdstanpy - INFO - Chain [1] start processing
01:14:17 - cmdstanpy - INFO - Chain [1] done processing
01:14:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:17 - cmdstanpy - INFO - Chain [1] start processing
01:14:17 - cmdstanpy - INFO - Chain [1] done processing
01:14:18 - cmdstanpy - INFO - Chain [1] start processing
01:14:18 - cmdstanpy - INFO - Chain [1] done processing
01:14:18 - cmdstanpy - INFO - Chain [1] start processing
01:14:18 - cmdstanpy - INFO - Chain [1] done processing
01:14:18 - cmdstanpy - INFO - Chain [1] start processing
01:14:18 - cmdstanpy - INFO - Chain [1] done processing
01:14:19 - cmdstanpy - INFO - Chain [1] start processing
01:14:19 - cmdstanpy - INFO - Chain [1] done processing
01:14:19 - cmdstanpy - INFO - Chain [1] start processing
01:14:19 - cmdstanpy - INFO - Chain [1] done processing
01:14:19 - cmdstanpy - INFO - Chain [1] start processing
01:14:19 - cmdstanpy - INFO - Chain [1] done processing
01:14:20 - cmdstanpy - INFO - Chain [1] start processing
01:14:20 - cmdstanpy - INFO - Chain [1] done processing
01:14:20 - cmdstanpy - INFO - Chain [1] start processing
01:14:20 - cmdstanpy - INFO - Chain [1] done processing
01:14:21 - cmdstanpy - INFO - Chain [1] start processing
01:14:21 - cmdstanpy - INFO - Chain [1] done processing
01:14:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:21 - cmdstanpy - INFO - Chain [1] start processing
01:14:21 - cmdstanpy - INFO - Chain [1] done processing
01:14:21 - cmdstanpy - INFO - Chain [1] start processing
01:14:21 - cmdstanpy - INFO - Chain [1] done processing
01:14:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:21 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:14:21 - cmdstanpy - INFO - Chain [1] done processing
01:14:22 - cmdstanpy - INFO - Chain [1] start processing
01:14:22 - cmdstanpy - INFO - Chain [1] done processing
01:14:22 - cmdstanpy - INFO - Chain [1] start processing
01:14:22 - cmdstanpy - INFO - Chain [1] done processing
01:14:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:22 - cmdstanpy - INFO - Chain [1] start processing
01:14:22 - cmdstanpy - INFO - Chain [1] done processing
01:14:22 - cmdstanpy - INFO - Chain [1] start processing
01:14:22 - cmdstanpy - INFO - Chain [1] done processing
01:14:23 - cmdstanpy - INFO - Chain [1] start processing
01:14:23 - cmdstanpy - INFO - Chain [1] done processing
01:14:23 - cmdstanpy - INFO - Chain [1] start processing
01:14:23 - cmdstanpy - INFO - Chain [1] done processing
01:14:23 - cmdstanpy - INFO - Chain [1] start processing
01:14:23 - cmdstanpy - INFO - Chain [1] done processing
01:14:24 - cmdstanpy - INFO - Chain [1] start processing
01:14:24 - cmdstanpy - INFO - Chain [1] done processing
01:14:25 - cmdstanpy - INFO - Chain [1] start processing
01:14:25 - cmdstanpy - INFO - Chain [1] done processing
01:14:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:25 - cmdstanpy - INFO - Chain [1] start processing
01:14:25 - cmdstanpy - INFO - Chain [1] done processing
01:14:25 - cmdstanpy - INFO - Chain [1] start processing
01:14:25 - cmdstanpy - INFO - Chain [1] done processing
01:14:25 - cmdstanpy - INFO - Chain [1] start processing
01:14:25 - cmdstanpy - INFO - Chain [1] done processing
01:14:26 - cmdstanpy - INFO - Chain [1] start processing
01:14:26 - cmdstanpy - INFO - Chain [1] done processing
01:14:26 - cmdstanpy - INFO - Chain [1] start processing
01:14:26 - cmdstanpy - INFO - Chain [1] done processing
01:14:26 - cmdstanpy - INFO - Chain [1] start processing
01:14:27 - cmdstanpy - INFO - Chain [1] done processing
01:14:27 - cmdstanpy - INFO - Chain [1] start processing
01:14:27 - cmdstanpy - INFO - Chain [1] done processing
01:14:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:27 - cmdstanpy - INFO - Chain [1] start processing
01:14:27 - cmdstanpy - INFO - Chain [1] done processing
01:14:27 - cmdstanpy - INFO - Chain [1] start processing
01:14:27 - cmdstanpy - INFO - Chain [1] done processing
01:14:28 - cmdstanpy - INFO - Chain [1] start processing
01:14:28 - cmdstanpy - INFO - Chain [1] done processing
01:14:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:28 - cmdstanpy - INFO - Chain [1] start processing
01:14:28 - cmdstanpy - INFO - Chain [1] done processing
01:14:28 - cmdstanpy - INFO - Chain [1] start processing
01:14:28 - cmdstanpy - INFO - Chain [1] done processing
01:14:28 - cmdstanpy - INFO - Chain [1] start processing
01:14:29 - cmdstanpy - INFO - Chain [1] done processing
01:14:29 - cmdstanpy - INFO - Chain [1] start processing
01:14:29 - cmdstanpy - INFO - Chain [1] done processing
01:14:29 - cmdstanpy - INFO - Chain [1] start processing
01:14:29 - cmdstanpy - INFO - Chain [1] done processing
01:14:29 - cmdstanpy - INFO - Chain [1] start processing
01:14:30 - cmdstanpy - INFO - Chain [1] done processing
01:14:30 - cmdstanpy - INFO - Chain [1] start processing
01:14:30 - cmdstanpy - INFO - Chain [1] done processing
01:14:30 - cmdstanpy - INFO - Chain [1] start processing
01:14:30 - cmdstanpy - INFO - Chain [1] done processing
01:14:30 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:14:31 - cmdstanpy - INFO - Chain [1] done processing
01:14:31 - cmdstanpy - INFO - Chain [1] start processing
01:14:31 - cmdstanpy - INFO - Chain [1] done processing
01:14:31 - cmdstanpy - INFO - Chain [1] start processing
01:14:31 - cmdstanpy - INFO - Chain [1] done processing
01:14:31 - cmdstanpy - INFO - Chain [1] start processing
01:14:32 - cmdstanpy - INFO - Chain [1] done processing
01:14:32 - cmdstanpy - INFO - Chain [1] start processing
01:14:32 - cmdstanpy - INFO - Chain [1] done processing
01:14:32 - cmdstanpy - INFO - Chain [1] start processing
01:14:32 - cmdstanpy - INFO - Chain [1] done processing
01:14:32 - cmdstanpy - INFO - Chain [1] start processing
01:14:33 - cmdstanpy - INFO - Chain [1] done processing
01:14:33 - cmdstanpy - INFO - Chain [1] start processing
01:14:33 - cmdstanpy - INFO - Chain [1] done processing
01:14:33 - cmdstanpy - INFO - Chain [1] start processing
01:14:33 - cmdstanpy - INFO - Chain [1] done processing
01:14:34 - cmdstanpy - INFO - Chain [1] start processing
01:14:34 - cmdstanpy - INFO - Chain [1] done processing
01:14:34 - cmdstanpy - INFO - Chain [1] start processing
01:14:34 - cmdstanpy - INFO - Chain [1] done processing
01:14:34 - cmdstanpy - INFO - Chain [1] start processing
01:14:34 - cmdstanpy - INFO - Chain [1] done processing
01:14:35 - cmdstanpy - INFO - Chain [1] start processing
01:14:35 - cmdstanpy - INFO - Chain [1] done processing
01:14:35 - cmdstanpy - INFO - Chain [1] start processing
01:14:35 - cmdstanpy - INFO - Chain [1] done processing
01:14:35 - cmdstanpy - INFO - Chain [1] start processing
01:14:35 - cmdstanpy - INFO - Chain [1] done processing
01:14:36 - cmdstanpy - INFO - Chain [1] start processing
01:14:36 - cmdstanpy - INFO - Chain [1] done processing
01:14:36 - cmdstanpy - INFO - Chain [1] start processing
01:14:36 - cmdstanpy - INFO - Chain [1] done processing
01:14:36 - cmdstanpy - INFO - Chain [1] start processing
01:14:37 - cmdstanpy - INFO - Chain [1] done processing
01:14:37 - cmdstanpy - INFO - Chain [1] start processing
01:14:37 - cmdstanpy - INFO - Chain [1] done processing
01:14:37 - cmdstanpy - INFO - Chain [1] start processing
01:14:37 - cmdstanpy - INFO - Chain [1] done processing
01:14:37 - cmdstanpy - INFO - Chain [1] start processing
01:14:38 - cmdstanpy - INFO - Chain [1] done processing
01:14:38 - cmdstanpy - INFO - Chain [1] start processing
01:14:38 - cmdstanpy - INFO - Chain [1] done processing
01:14:38 - cmdstanpy - INFO - Chain [1] start processing
01:14:38 - cmdstanpy - INFO - Chain [1] done processing
01:14:38 - cmdstanpy - INFO - Chain [1] start processing
01:14:38 - cmdstanpy - INFO - Chain [1] done processing
01:14:39 - cmdstanpy - INFO - Chain [1] start processing
01:14:39 - cmdstanpy - INFO - Chain [1] done processing
01:14:39 - cmdstanpy - INFO - Chain [1] start processing
01:14:39 - cmdstanpy - INFO - Chain [1] done processing
01:14:39 - cmdstanpy - INFO - Chain [1] start processing
01:14:40 - cmdstanpy - INFO - Chain [1] done processing
01:14:40 - cmdstanpy - INFO - Chain [1] start processing
01:14:40 - cmdstanpy - INFO - Chain [1] done processing
01:14:40 - cmdstanpy - INFO - Chain [1] start processing
01:14:40 - cmdstanpy - INFO - Chain [1] done processing
01:14:40 - cmdstanpy - INFO - Chain [1] start processing
01:14:41 - cmdstanpy - INFO - Chain [1] done processing
01:14:41 - cmdstanpy - INFO - Chain [1] start processing
01:14:41 - cmdstanpy - INFO - Chain [1] done processing
01:14:41 - cmdstanpy - INFO - Chain [1] start processing
01:14:41 - cmdstanpy - INFO - Chain [1] done processing
01:14:42 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:14:42 - cmdstanpy - INFO - Chain [1] done processing
01:14:42 - cmdstanpy - INFO - Chain [1] start processing
01:14:42 - cmdstanpy - INFO - Chain [1] done processing
01:14:42 - cmdstanpy - INFO - Chain [1] start processing
01:14:42 - cmdstanpy - INFO - Chain [1] done processing
01:14:43 - cmdstanpy - INFO - Chain [1] start processing
01:14:43 - cmdstanpy - INFO - Chain [1] done processing
01:14:43 - cmdstanpy - INFO - Chain [1] start processing
01:14:43 - cmdstanpy - INFO - Chain [1] done processing
01:14:43 - cmdstanpy - INFO - Chain [1] start processing
01:14:43 - cmdstanpy - INFO - Chain [1] done processing
01:14:44 - cmdstanpy - INFO - Chain [1] start processing
01:14:44 - cmdstanpy - INFO - Chain [1] done processing
01:14:44 - cmdstanpy - INFO - Chain [1] start processing
01:14:44 - cmdstanpy - INFO - Chain [1] done processing
01:14:44 - cmdstanpy - INFO - Chain [1] start processing
01:14:44 - cmdstanpy - INFO - Chain [1] done processing
01:14:45 - cmdstanpy - INFO - Chain [1] start processing
01:14:45 - cmdstanpy - INFO - Chain [1] done processing
01:14:45 - cmdstanpy - INFO - Chain [1] start processing
01:14:45 - cmdstanpy - INFO - Chain [1] done processing
01:14:45 - cmdstanpy - INFO - Chain [1] start processing
01:14:45 - cmdstanpy - INFO - Chain [1] done processing
01:14:46 - cmdstanpy - INFO - Chain [1] start processing
01:14:46 - cmdstanpy - INFO - Chain [1] done processing
01:14:46 - cmdstanpy - INFO - Chain [1] start processing
01:14:46 - cmdstanpy - INFO - Chain [1] done processing
01:14:46 - cmdstanpy - INFO - Chain [1] start processing
01:14:46 - cmdstanpy - INFO - Chain [1] done processing
01:14:47 - cmdstanpy - INFO - Chain [1] start processing
01:14:47 - cmdstanpy - INFO - Chain [1] done processing
01:14:47 - cmdstanpy - INFO - Chain [1] start processing
01:14:47 - cmdstanpy - INFO - Chain [1] done processing
01:14:47 - cmdstanpy - INFO - Chain [1] start processing
01:14:47 - cmdstanpy - INFO - Chain [1] done processing
01:14:47 - cmdstanpy - INFO - Chain [1] start processing
01:14:48 - cmdstanpy - INFO - Chain [1] done processing
01:14:48 - cmdstanpy - INFO - Chain [1] start processing
01:14:48 - cmdstanpy - INFO - Chain [1] done processing
01:14:48 - cmdstanpy - INFO - Chain [1] start processing
01:14:48 - cmdstanpy - INFO - Chain [1] done processing
01:14:49 - cmdstanpy - INFO - Chain [1] start processing
01:14:49 - cmdstanpy - INFO - Chain [1] done processing
01:14:49 - cmdstanpy - INFO - Chain [1] start processing
01:14:49 - cmdstanpy - INFO - Chain [1] done processing
01:14:49 - cmdstanpy - INFO - Chain [1] start processing
01:14:49 - cmdstanpy - INFO - Chain [1] done processing
01:14:50 - cmdstanpy - INFO - Chain [1] start processing
01:14:50 - cmdstanpy - INFO - Chain [1] done processing
01:14:50 - cmdstanpy - INFO - Chain [1] start processing
01:14:50 - cmdstanpy - INFO - Chain [1] done processing
01:14:50 - cmdstanpy - INFO - Chain [1] start processing
01:14:51 - cmdstanpy - INFO - Chain [1] done processing
01:14:51 - cmdstanpy - INFO - Chain [1] start processing
01:14:51 - cmdstanpy - INFO - Chain [1] done processing
01:14:51 - cmdstanpy - INFO - Chain [1] start processing
01:14:51 - cmdstanpy - INFO - Chain [1] done processing
01:14:51 - cmdstanpy - INFO - Chain [1] start processing
01:14:51 - cmdstanpy - INFO - Chain [1] done processing
01:14:52 - cmdstanpy - INFO - Chain [1] start processing
01:14:52 - cmdstanpy - INFO - Chain [1] done processing
01:14:52 - cmdstanpy - INFO - Chain [1] start processing
01:14:52 - cmdstanpy - INFO - Chain [1] done processing
01:14:52 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:14:52 - cmdstanpy - INFO - Chain [1] done processing
01:14:53 - cmdstanpy - INFO - Chain [1] start processing
01:14:53 - cmdstanpy - INFO - Chain [1] done processing
01:14:53 - cmdstanpy - INFO - Chain [1] start processing
01:14:53 - cmdstanpy - INFO - Chain [1] done processing
01:14:53 - cmdstanpy - INFO - Chain [1] start processing
01:14:53 - cmdstanpy - INFO - Chain [1] done processing
01:14:54 - cmdstanpy - INFO - Chain [1] start processing
01:14:54 - cmdstanpy - INFO - Chain [1] done processing
01:14:54 - cmdstanpy - INFO - Chain [1] start processing
01:14:54 - cmdstanpy - INFO - Chain [1] done processing
01:14:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:54 - cmdstanpy - INFO - Chain [1] start processing
01:14:54 - cmdstanpy - INFO - Chain [1] done processing
01:14:54 - cmdstanpy - INFO - Chain [1] start processing
01:14:54 - cmdstanpy - INFO - Chain [1] done processing
01:14:55 - cmdstanpy - INFO - Chain [1] start processing
01:14:55 - cmdstanpy - INFO - Chain [1] done processing
01:14:55 - cmdstanpy - INFO - Chain [1] start processing
01:14:55 - cmdstanpy - INFO - Chain [1] done processing
01:14:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:55 - cmdstanpy - INFO - Chain [1] start processing
01:14:55 - cmdstanpy - INFO - Chain [1] done processing
01:14:55 - cmdstanpy - INFO - Chain [1] start processing
01:14:56 - cmdstanpy - INFO - Chain [1] done processing
01:14:56 - cmdstanpy - INFO - Chain [1] start processing
01:14:56 - cmdstanpy - INFO - Chain [1] done processing
01:14:56 - cmdstanpy - INFO - Chain [1] start processing
01:14:56 - cmdstanpy - INFO - Chain [1] done processing
01:14:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:56 - cmdstanpy - INFO - Chain [1] start processing
01:14:56 - cmdstanpy - INFO - Chain [1] done processing
01:14:57 - cmdstanpy - INFO - Chain [1] start processing
01:14:57 - cmdstanpy - INFO - Chain [1] done processing
01:14:57 - cmdstanpy - INFO - Chain [1] start processing
01:14:57 - cmdstanpy - INFO - Chain [1] done processing
01:14:57 - cmdstanpy - INFO - Chain [1] start processing
01:14:57 - cmdstanpy - INFO - Chain [1] done processing
01:14:58 - cmdstanpy - INFO - Chain [1] start processing
01:14:58 - cmdstanpy - INFO - Chain [1] done processing
01:14:58 - cmdstanpy - INFO - Chain [1] start processing
01:14:58 - cmdstanpy - INFO - Chain [1] done processing
01:14:58 - cmdstanpy - INFO - Chain [1] start processing
01:14:58 - cmdstanpy - INFO - Chain [1] done processing
01:14:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:58 - cmdstanpy - INFO - Chain [1] start processing
01:14:58 - cmdstanpy - INFO - Chain [1] done processing
01:14:59 - cmdstanpy - INFO - Chain [1] start processing
01:14:59 - cmdstanpy - INFO - Chain [1] done processing
01:14:59 - cmdstanpy - INFO - Chain [1] start processing
01:14:59 - cmdstanpy - INFO - Chain [1] done processing
01:14:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:14:59 - cmdstanpy - INFO - Chain [1] start processing
01:14:59 - cmdstanpy - INFO - Chain [1] done processing
01:15:00 - cmdstanpy - INFO - Chain [1] start processing
01:15:00 - cmdstanpy - INFO - Chain [1] done processing
01:15:00 - cmdstanpy - INFO - Chain [1] start processing
01:15:00 - cmdstanpy - INFO - Chain [1] done processing
01:15:00 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:15:00 - cmdstanpy - INFO - Chain [1] done processing
01:15:01 - cmdstanpy - INFO - Chain [1] start processing
01:15:01 - cmdstanpy - INFO - Chain [1] done processing
01:15:01 - cmdstanpy - INFO - Chain [1] start processing
01:15:01 - cmdstanpy - INFO - Chain [1] done processing
01:15:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:01 - cmdstanpy - INFO - Chain [1] start processing
01:15:01 - cmdstanpy - INFO - Chain [1] done processing
01:15:02 - cmdstanpy - INFO - Chain [1] start processing
01:15:02 - cmdstanpy - INFO - Chain [1] done processing
01:15:02 - cmdstanpy - INFO - Chain [1] start processing
01:15:02 - cmdstanpy - INFO - Chain [1] done processing
01:15:02 - cmdstanpy - INFO - Chain [1] start processing
01:15:02 - cmdstanpy - INFO - Chain [1] done processing
01:15:03 - cmdstanpy - INFO - Chain [1] start processing
01:15:03 - cmdstanpy - INFO - Chain [1] done processing
01:15:05 - cmdstanpy - INFO - Chain [1] start processing
01:15:05 - cmdstanpy - INFO - Chain [1] done processing
01:15:05 - cmdstanpy - INFO - Chain [1] start processing
01:15:05 - cmdstanpy - INFO - Chain [1] done processing
01:15:06 - cmdstanpy - INFO - Chain [1] start processing
01:15:06 - cmdstanpy - INFO - Chain [1] done processing
01:15:06 - cmdstanpy - INFO - Chain [1] start processing
01:15:06 - cmdstanpy - INFO - Chain [1] done processing
01:15:07 - cmdstanpy - INFO - Chain [1] start processing
01:15:07 - cmdstanpy - INFO - Chain [1] done processing
01:15:08 - cmdstanpy - INFO - Chain [1] start processing
01:15:08 - cmdstanpy - INFO - Chain [1] done processing
01:15:08 - cmdstanpy - INFO - Chain [1] start processing
01:15:08 - cmdstanpy - INFO - Chain [1] done processing
01:15:08 - cmdstanpy - INFO - Chain [1] start processing
01:15:08 - cmdstanpy - INFO - Chain [1] done processing
01:15:09 - cmdstanpy - INFO - Chain [1] start processing
01:15:09 - cmdstanpy - INFO - Chain [1] done processing
01:15:09 - cmdstanpy - INFO - Chain [1] start processing
01:15:09 - cmdstanpy - INFO - Chain [1] done processing
01:15:10 - cmdstanpy - INFO - Chain [1] start processing
01:15:10 - cmdstanpy - INFO - Chain [1] done processing
01:15:10 - cmdstanpy - INFO - Chain [1] start processing
01:15:10 - cmdstanpy - INFO - Chain [1] done processing
01:15:10 - cmdstanpy - INFO - Chain [1] start processing
01:15:10 - cmdstanpy - INFO - Chain [1] done processing
01:15:11 - cmdstanpy - INFO - Chain [1] start processing
01:15:11 - cmdstanpy - INFO - Chain [1] done processing
01:15:11 - cmdstanpy - INFO - Chain [1] start processing
01:15:11 - cmdstanpy - INFO - Chain [1] done processing
01:15:12 - cmdstanpy - INFO - Chain [1] start processing
01:15:12 - cmdstanpy - INFO - Chain [1] done processing
01:15:12 - cmdstanpy - INFO - Chain [1] start processing
01:15:12 - cmdstanpy - INFO - Chain [1] done processing
01:15:12 - cmdstanpy - INFO - Chain [1] start processing
01:15:13 - cmdstanpy - INFO - Chain [1] done processing
01:15:13 - cmdstanpy - INFO - Chain [1] start processing
01:15:13 - cmdstanpy - INFO - Chain [1] done processing
01:15:13 - cmdstanpy - INFO - Chain [1] start processing
01:15:13 - cmdstanpy - INFO - Chain [1] done processing
01:15:14 - cmdstanpy - INFO - Chain [1] start processing
01:15:14 - cmdstanpy - INFO - Chain [1] done processing
01:15:14 - cmdstanpy - INFO - Chain [1] start processing
01:15:14 - cmdstanpy - INFO - Chain [1] done processing
01:15:14 - cmdstanpy - INFO - Chain [1] start processing
01:15:14 - cmdstanpy - INFO - Chain [1] done processing
01:15:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:15:15 - cmdstanpy - INFO - Chain [1] done processing
01:15:15 - cmdstanpy - INFO - Chain [1] start processing
01:15:15 - cmdstanpy - INFO - Chain [1] done processing
01:15:16 - cmdstanpy - INFO - Chain [1] start processing
01:15:16 - cmdstanpy - INFO - Chain [1] done processing
01:15:16 - cmdstanpy - INFO - Chain [1] start processing
01:15:16 - cmdstanpy - INFO - Chain [1] done processing
01:15:17 - cmdstanpy - INFO - Chain [1] start processing
01:15:17 - cmdstanpy - INFO - Chain [1] done processing
01:15:17 - cmdstanpy - INFO - Chain [1] start processing
01:15:17 - cmdstanpy - INFO - Chain [1] done processing
01:15:18 - cmdstanpy - INFO - Chain [1] start processing
01:15:18 - cmdstanpy - INFO - Chain [1] done processing
01:15:18 - cmdstanpy - INFO - Chain [1] start processing
01:15:18 - cmdstanpy - INFO - Chain [1] done processing
01:15:18 - cmdstanpy - INFO - Chain [1] start processing
01:15:19 - cmdstanpy - INFO - Chain [1] done processing
01:15:19 - cmdstanpy - INFO - Chain [1] start processing
01:15:19 - cmdstanpy - INFO - Chain [1] done processing
01:15:20 - cmdstanpy - INFO - Chain [1] start processing
01:15:20 - cmdstanpy - INFO - Chain [1] done processing
01:15:20 - cmdstanpy - INFO - Chain [1] start processing
01:15:20 - cmdstanpy - INFO - Chain [1] done processing
01:15:20 - cmdstanpy - INFO - Chain [1] start processing
01:15:20 - cmdstanpy - INFO - Chain [1] done processing
01:15:21 - cmdstanpy - INFO - Chain [1] start processing
01:15:21 - cmdstanpy - INFO - Chain [1] done processing
01:15:21 - cmdstanpy - INFO - Chain [1] start processing
01:15:21 - cmdstanpy - INFO - Chain [1] done processing
01:15:22 - cmdstanpy - INFO - Chain [1] start processing
01:15:22 - cmdstanpy - INFO - Chain [1] done processing
01:15:22 - cmdstanpy - INFO - Chain [1] start processing
01:15:22 - cmdstanpy - INFO - Chain [1] done processing
01:15:22 - cmdstanpy - INFO - Chain [1] start processing
01:15:22 - cmdstanpy - INFO - Chain [1] done processing
01:15:23 - cmdstanpy - INFO - Chain [1] start processing
01:15:23 - cmdstanpy - INFO - Chain [1] done processing
01:15:23 - cmdstanpy - INFO - Chain [1] start processing
01:15:23 - cmdstanpy - INFO - Chain [1] done processing
01:15:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:23 - cmdstanpy - INFO - Chain [1] start processing
01:15:23 - cmdstanpy - INFO - Chain [1] done processing
01:15:24 - cmdstanpy - INFO - Chain [1] start processing
01:15:24 - cmdstanpy - INFO - Chain [1] done processing
01:15:24 - cmdstanpy - INFO - Chain [1] start processing
01:15:24 - cmdstanpy - INFO - Chain [1] done processing
01:15:24 - cmdstanpy - INFO - Chain [1] start processing
01:15:24 - cmdstanpy - INFO - Chain [1] done processing
01:15:25 - cmdstanpy - INFO - Chain [1] start processing
01:15:25 - cmdstanpy - INFO - Chain [1] done processing
01:15:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:25 - cmdstanpy - INFO - Chain [1] start processing
01:15:25 - cmdstanpy - INFO - Chain [1] done processing
01:15:25 - cmdstanpy - INFO - Chain [1] start processing
01:15:25 - cmdstanpy - INFO - Chain [1] done processing
01:15:26 - cmdstanpy - INFO - Chain [1] start processing
01:15:26 - cmdstanpy - INFO - Chain [1] done processing
01:15:26 - cmdstanpy - INFO - Chain [1] start processing
01:15:26 - cmdstanpy - INFO - Chain [1] done processing
01:15:26 - cmdstanpy - INFO - Chain [1] start processing
01:15:26 - cmdstanpy - INFO - Chain [1] done processing
01:15:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:15:27 - cmdstanpy - INFO - Chain [1] start processing
01:15:27 - cmdstanpy - INFO - Chain [1] done processing
01:15:27 - cmdstanpy - INFO - Chain [1] start processing
01:15:27 - cmdstanpy - INFO - Chain [1] done processing
01:15:27 - cmdstanpy - INFO - Chain [1] start processing
01:15:28 - cmdstanpy - INFO - Chain [1] done processing
01:15:28 - cmdstanpy - INFO - Chain [1] start processing
01:15:28 - cmdstanpy - INFO - Chain [1] done processing
01:15:28 - cmdstanpy - INFO - Chain [1] start processing
01:15:28 - cmdstanpy - INFO - Chain [1] done processing
01:15:28 - cmdstanpy - INFO - Chain [1] start processing
01:15:29 - cmdstanpy - INFO - Chain [1] done processing
01:15:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:29 - cmdstanpy - INFO - Chain [1] start processing
01:15:29 - cmdstanpy - INFO - Chain [1] done processing
01:15:29 - cmdstanpy - INFO - Chain [1] start processing
01:15:29 - cmdstanpy - INFO - Chain [1] done processing
01:15:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:29 - cmdstanpy - INFO - Chain [1] start processing
01:15:29 - cmdstanpy - INFO - Chain [1] done processing
01:15:30 - cmdstanpy - INFO - Chain [1] start processing
01:15:30 - cmdstanpy - INFO - Chain [1] done processing
01:15:30 - cmdstanpy - INFO - Chain [1] start processing
01:15:30 - cmdstanpy - INFO - Chain [1] done processing
01:15:30 - cmdstanpy - INFO - Chain [1] start processing
01:15:30 - cmdstanpy - INFO - Chain [1] done processing
01:15:31 - cmdstanpy - INFO - Chain [1] start processing
01:15:31 - cmdstanpy - INFO - Chain [1] done processing
01:15:31 - cmdstanpy - INFO - Chain [1] start processing
01:15:31 - cmdstanpy - INFO - Chain [1] done processing
01:15:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:31 - cmdstanpy - INFO - Chain [1] start processing
01:15:31 - cmdstanpy - INFO - Chain [1] done processing
01:15:32 - cmdstanpy - INFO - Chain [1] start processing
01:15:32 - cmdstanpy - INFO - Chain [1] done processing
01:15:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:32 - cmdstanpy - INFO - Chain [1] start processing
01:15:32 - cmdstanpy - INFO - Chain [1] done processing
01:15:32 - cmdstanpy - INFO - Chain [1] start processing
01:15:32 - cmdstanpy - INFO - Chain [1] done processing
01:15:33 - cmdstanpy - INFO - Chain [1] start processing
01:15:33 - cmdstanpy - INFO - Chain [1] done processing
01:15:33 - cmdstanpy - INFO - Chain [1] start processing
01:15:33 - cmdstanpy - INFO - Chain [1] done processing
01:15:33 - cmdstanpy - INFO - Chain [1] start processing
01:15:33 - cmdstanpy - INFO - Chain [1] done processing
01:15:34 - cmdstanpy - INFO - Chain [1] start processing
01:15:34 - cmdstanpy - INFO - Chain [1] done processing
01:15:34 - cmdstanpy - INFO - Chain [1] start processing
01:15:34 - cmdstanpy - INFO - Chain [1] done processing
01:15:34 - cmdstanpy - INFO - Chain [1] start processing
01:15:34 - cmdstanpy - INFO - Chain [1] done processing
01:15:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:34 - cmdstanpy - INFO - Chain [1] start processing
01:15:35 - cmdstanpy - INFO - Chain [1] done processing
01:15:35 - cmdstanpy - INFO - Chain [1] start processing
01:15:35 - cmdstanpy - INFO - Chain [1] done processing
01:15:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:15:35 - cmdstanpy - INFO - Chain [1] start processing
01:15:35 - cmdstanpy - INFO - Chain [1] done processing
01:15:35 - cmdstanpy - INFO - Chain [1] start processing
01:15:35 - cmdstanpy - INFO - Chain [1] done processing
01:15:36 - cmdstanpy - INFO - Chain [1] start processing
01:15:36 - cmdstanpy - INFO - Chain [1] done processing
01:15:36 - cmdstanpy - INFO - Chain [1] start processing
01:15:36 - cmdstanpy - INFO - Chain [1] done processing
01:15:37 - cmdstanpy - INFO - Chain [1] start processing
01:15:37 - cmdstanpy - INFO - Chain [1] done processing
01:15:37 - cmdstanpy - INFO - Chain [1] start processing
01:15:37 - cmdstanpy - INFO - Chain [1] done processing
01:15:37 - cmdstanpy - INFO - Chain [1] start processing
01:15:37 - cmdstanpy - INFO - Chain [1] done processing
01:15:37 - cmdstanpy - INFO - Chain [1] start processing
01:15:37 - cmdstanpy - INFO - Chain [1] done processing
01:15:38 - cmdstanpy - INFO - Chain [1] start processing
01:15:38 - cmdstanpy - INFO - Chain [1] done processing
01:15:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:38 - cmdstanpy - INFO - Chain [1] start processing
01:15:38 - cmdstanpy - INFO - Chain [1] done processing
01:15:38 - cmdstanpy - INFO - Chain [1] start processing
01:15:38 - cmdstanpy - INFO - Chain [1] done processing
01:15:39 - cmdstanpy - INFO - Chain [1] start processing
01:15:39 - cmdstanpy - INFO - Chain [1] done processing
01:15:39 - cmdstanpy - INFO - Chain [1] start processing
01:15:39 - cmdstanpy - INFO - Chain [1] done processing
01:15:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:39 - cmdstanpy - INFO - Chain [1] start processing
01:15:39 - cmdstanpy - INFO - Chain [1] done processing
01:15:40 - cmdstanpy - INFO - Chain [1] start processing
01:15:40 - cmdstanpy - INFO - Chain [1] done processing
01:15:40 - cmdstanpy - INFO - Chain [1] start processing
01:15:40 - cmdstanpy - INFO - Chain [1] done processing
01:15:40 - cmdstanpy - INFO - Chain [1] start processing
01:15:40 - cmdstanpy - INFO - Chain [1] done processing
01:15:40 - cmdstanpy - INFO - Chain [1] start processing
01:15:41 - cmdstanpy - INFO - Chain [1] done processing
01:15:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:41 - cmdstanpy - INFO - Chain [1] start processing
01:15:41 - cmdstanpy - INFO - Chain [1] done processing
01:15:42 - cmdstanpy - INFO - Chain [1] start processing
01:15:42 - cmdstanpy - INFO - Chain [1] done processing
01:15:42 - cmdstanpy - INFO - Chain [1] start processing
01:15:42 - cmdstanpy - INFO - Chain [1] done processing
01:15:42 - cmdstanpy - INFO - Chain [1] start processing
01:15:42 - cmdstanpy - INFO - Chain [1] done processing
01:15:43 - cmdstanpy - INFO - Chain [1] start processing
01:15:43 - cmdstanpy - INFO - Chain [1] done processing
01:15:43 - cmdstanpy - INFO - Chain [1] start processing
01:15:43 - cmdstanpy - INFO - Chain [1] done processing
01:15:43 - cmdstanpy - INFO - Chain [1] start processing
01:15:43 - cmdstanpy - INFO - Chain [1] done processing
01:15:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:43 - cmdstanpy - INFO - Chain [1] start processing
01:15:44 - cmdstanpy - INFO - Chain [1] done processing
01:15:44 - cmdstanpy - INFO - Chain [1] start processing
01:15:44 - cmdstanpy - INFO - Chain [1] done processing
01:15:44 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:15:44 - cmdstanpy - INFO - Chain [1] done processing
01:15:45 - cmdstanpy - INFO - Chain [1] start processing
01:15:45 - cmdstanpy - INFO - Chain [1] done processing
01:15:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:45 - cmdstanpy - INFO - Chain [1] start processing
01:15:45 - cmdstanpy - INFO - Chain [1] done processing
01:15:45 - cmdstanpy - INFO - Chain [1] start processing
01:15:45 - cmdstanpy - INFO - Chain [1] done processing
01:15:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:45 - cmdstanpy - INFO - Chain [1] start processing
01:15:46 - cmdstanpy - INFO - Chain [1] done processing
01:15:46 - cmdstanpy - INFO - Chain [1] start processing
01:15:46 - cmdstanpy - INFO - Chain [1] done processing
01:15:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:46 - cmdstanpy - INFO - Chain [1] start processing
01:15:46 - cmdstanpy - INFO - Chain [1] done processing
01:15:46 - cmdstanpy - INFO - Chain [1] start processing
01:15:46 - cmdstanpy - INFO - Chain [1] done processing
01:15:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:47 - cmdstanpy - INFO - Chain [1] start processing
01:15:47 - cmdstanpy - INFO - Chain [1] done processing
01:15:47 - cmdstanpy - INFO - Chain [1] start processing
01:15:47 - cmdstanpy - INFO - Chain [1] done processing
01:15:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:47 - cmdstanpy - INFO - Chain [1] start processing
01:15:48 - cmdstanpy - INFO - Chain [1] done processing
01:15:48 - cmdstanpy - INFO - Chain [1] start processing
01:15:48 - cmdstanpy - INFO - Chain [1] done processing
01:15:48 - cmdstanpy - INFO - Chain [1] start processing
01:15:48 - cmdstanpy - INFO - Chain [1] done processing
01:15:49 - cmdstanpy - INFO - Chain [1] start processing
01:15:49 - cmdstanpy - INFO - Chain [1] done processing
01:15:49 - cmdstanpy - INFO - Chain [1] start processing
01:15:49 - cmdstanpy - INFO - Chain [1] done processing
01:15:50 - cmdstanpy - INFO - Chain [1] start processing
01:15:50 - cmdstanpy - INFO - Chain [1] done processing
01:15:50 - cmdstanpy - INFO - Chain [1] start processing
01:15:50 - cmdstanpy - INFO - Chain [1] done processing
01:15:50 - cmdstanpy - INFO - Chain [1] start processing
01:15:50 - cmdstanpy - INFO - Chain [1] done processing
01:15:51 - cmdstanpy - INFO - Chain [1] start processing
01:15:51 - cmdstanpy - INFO - Chain [1] done processing
01:15:51 - cmdstanpy - INFO - Chain [1] start processing
01:15:51 - cmdstanpy - INFO - Chain [1] done processing
01:15:51 - cmdstanpy - INFO - Chain [1] start processing
01:15:52 - cmdstanpy - INFO - Chain [1] done processing
01:15:52 - cmdstanpy - INFO - Chain [1] start processing
01:15:52 - cmdstanpy - INFO - Chain [1] done processing
01:15:52 - cmdstanpy - INFO - Chain [1] start processing
01:15:52 - cmdstanpy - INFO - Chain [1] done processing
01:15:53 - cmdstanpy - INFO - Chain [1] start processing
01:15:53 - cmdstanpy - INFO - Chain [1] done processing
01:15:53 - cmdstanpy - INFO - Chain [1] start processing
01:15:53 - cmdstanpy - INFO - Chain [1] done processing
01:15:54 - cmdstanpy - INFO - Chain [1] start processing
01:15:54 - cmdstanpy - INFO - Chain [1] done processing
01:15:54 - cmdstanpy - INFO - Chain [1] start processing
01:15:54 - cmdstanpy - INFO - Chain [1] done processing
01:15:54 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:15:54 - cmdstanpy - INFO - Chain [1] done processing
01:15:55 - cmdstanpy - INFO - Chain [1] start processing
01:15:55 - cmdstanpy - INFO - Chain [1] done processing
01:15:55 - cmdstanpy - INFO - Chain [1] start processing
01:15:55 - cmdstanpy - INFO - Chain [1] done processing
01:15:55 - cmdstanpy - INFO - Chain [1] start processing
01:15:55 - cmdstanpy - INFO - Chain [1] done processing
01:15:56 - cmdstanpy - INFO - Chain [1] start processing
01:15:56 - cmdstanpy - INFO - Chain [1] done processing
01:15:56 - cmdstanpy - INFO - Chain [1] start processing
01:15:56 - cmdstanpy - INFO - Chain [1] done processing
01:15:56 - cmdstanpy - INFO - Chain [1] start processing
01:15:56 - cmdstanpy - INFO - Chain [1] done processing
01:15:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:15:56 - cmdstanpy - INFO - Chain [1] start processing
01:15:57 - cmdstanpy - INFO - Chain [1] done processing
01:15:57 - cmdstanpy - INFO - Chain [1] start processing
01:15:57 - cmdstanpy - INFO - Chain [1] done processing
01:15:57 - cmdstanpy - INFO - Chain [1] start processing
01:15:57 - cmdstanpy - INFO - Chain [1] done processing
01:15:58 - cmdstanpy - INFO - Chain [1] start processing
01:15:58 - cmdstanpy - INFO - Chain [1] done processing
01:15:58 - cmdstanpy - INFO - Chain [1] start processing
01:15:58 - cmdstanpy - INFO - Chain [1] done processing
01:15:58 - cmdstanpy - INFO - Chain [1] start processing
01:15:58 - cmdstanpy - INFO - Chain [1] done processing
01:15:59 - cmdstanpy - INFO - Chain [1] start processing
01:15:59 - cmdstanpy - INFO - Chain [1] done processing
01:15:59 - cmdstanpy - INFO - Chain [1] start processing
01:15:59 - cmdstanpy - INFO - Chain [1] done processing
01:15:59 - cmdstanpy - INFO - Chain [1] start processing
01:15:59 - cmdstanpy - INFO - Chain [1] done processing
01:16:00 - cmdstanpy - INFO - Chain [1] start processing
01:16:00 - cmdstanpy - INFO - Chain [1] done processing
01:16:00 - cmdstanpy - INFO - Chain [1] start processing
01:16:00 - cmdstanpy - INFO - Chain [1] done processing
01:16:00 - cmdstanpy - INFO - Chain [1] start processing
01:16:00 - cmdstanpy - INFO - Chain [1] done processing
01:16:01 - cmdstanpy - INFO - Chain [1] start processing
01:16:01 - cmdstanpy - INFO - Chain [1] done processing
01:16:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:01 - cmdstanpy - INFO - Chain [1] start processing
01:16:01 - cmdstanpy - INFO - Chain [1] done processing
01:16:01 - cmdstanpy - INFO - Chain [1] start processing
01:16:01 - cmdstanpy - INFO - Chain [1] done processing
01:16:02 - cmdstanpy - INFO - Chain [1] start processing
01:16:02 - cmdstanpy - INFO - Chain [1] done processing
01:16:02 - cmdstanpy - INFO - Chain [1] start processing
01:16:02 - cmdstanpy - INFO - Chain [1] done processing
01:16:02 - cmdstanpy - INFO - Chain [1] start processing
01:16:03 - cmdstanpy - INFO - Chain [1] done processing
01:16:03 - cmdstanpy - INFO - Chain [1] start processing
01:16:03 - cmdstanpy - INFO - Chain [1] done processing
01:16:03 - cmdstanpy - INFO - Chain [1] start processing
01:16:03 - cmdstanpy - INFO - Chain [1] done processing
01:16:04 - cmdstanpy - INFO - Chain [1] start processing
01:16:04 - cmdstanpy - INFO - Chain [1] done processing
01:16:04 - cmdstanpy - INFO - Chain [1] start processing
01:16:04 - cmdstanpy - INFO - Chain [1] done processing
01:16:04 - cmdstanpy - INFO - Chain [1] start processing
01:16:04 - cmdstanpy - INFO - Chain [1] done processing
01:16:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:16:05 - cmdstanpy - INFO - Chain [1] done processing
01:16:05 - cmdstanpy - INFO - Chain [1] start processing
01:16:05 - cmdstanpy - INFO - Chain [1] done processing
01:16:05 - cmdstanpy - INFO - Chain [1] start processing
01:16:05 - cmdstanpy - INFO - Chain [1] done processing
01:16:06 - cmdstanpy - INFO - Chain [1] start processing
01:16:06 - cmdstanpy - INFO - Chain [1] done processing
01:16:06 - cmdstanpy - INFO - Chain [1] start processing
01:16:06 - cmdstanpy - INFO - Chain [1] done processing
01:16:06 - cmdstanpy - INFO - Chain [1] start processing
01:16:06 - cmdstanpy - INFO - Chain [1] done processing
01:16:07 - cmdstanpy - INFO - Chain [1] start processing
01:16:07 - cmdstanpy - INFO - Chain [1] done processing
01:16:07 - cmdstanpy - INFO - Chain [1] start processing
01:16:07 - cmdstanpy - INFO - Chain [1] done processing
01:16:07 - cmdstanpy - INFO - Chain [1] start processing
01:16:07 - cmdstanpy - INFO - Chain [1] done processing
01:16:08 - cmdstanpy - INFO - Chain [1] start processing
01:16:08 - cmdstanpy - INFO - Chain [1] done processing
01:16:08 - cmdstanpy - INFO - Chain [1] start processing
01:16:08 - cmdstanpy - INFO - Chain [1] done processing
01:16:08 - cmdstanpy - INFO - Chain [1] start processing
01:16:09 - cmdstanpy - INFO - Chain [1] done processing
01:16:09 - cmdstanpy - INFO - Chain [1] start processing
01:16:09 - cmdstanpy - INFO - Chain [1] done processing
01:16:09 - cmdstanpy - INFO - Chain [1] start processing
01:16:09 - cmdstanpy - INFO - Chain [1] done processing
01:16:10 - cmdstanpy - INFO - Chain [1] start processing
01:16:10 - cmdstanpy - INFO - Chain [1] done processing
01:16:10 - cmdstanpy - INFO - Chain [1] start processing
01:16:10 - cmdstanpy - INFO - Chain [1] done processing
01:16:10 - cmdstanpy - INFO - Chain [1] start processing
01:16:10 - cmdstanpy - INFO - Chain [1] done processing
01:16:10 - cmdstanpy - INFO - Chain [1] start processing
01:16:11 - cmdstanpy - INFO - Chain [1] done processing
01:16:11 - cmdstanpy - INFO - Chain [1] start processing
01:16:11 - cmdstanpy - INFO - Chain [1] done processing
01:16:11 - cmdstanpy - INFO - Chain [1] start processing
01:16:11 - cmdstanpy - INFO - Chain [1] done processing
01:16:11 - cmdstanpy - INFO - Chain [1] start processing
01:16:12 - cmdstanpy - INFO - Chain [1] done processing
01:16:12 - cmdstanpy - INFO - Chain [1] start processing
01:16:12 - cmdstanpy - INFO - Chain [1] done processing
01:16:12 - cmdstanpy - INFO - Chain [1] start processing
01:16:12 - cmdstanpy - INFO - Chain [1] done processing
01:16:12 - cmdstanpy - INFO - Chain [1] start processing
01:16:13 - cmdstanpy - INFO - Chain [1] done processing
01:16:13 - cmdstanpy - INFO - Chain [1] start processing
01:16:13 - cmdstanpy - INFO - Chain [1] done processing
01:16:13 - cmdstanpy - INFO - Chain [1] start processing
01:16:13 - cmdstanpy - INFO - Chain [1] done processing
01:16:14 - cmdstanpy - INFO - Chain [1] start processing
01:16:14 - cmdstanpy - INFO - Chain [1] done processing
01:16:14 - cmdstanpy - INFO - Chain [1] start processing
01:16:14 - cmdstanpy - INFO - Chain [1] done processing
01:16:14 - cmdstanpy - INFO - Chain [1] start processing
01:16:14 - cmdstanpy - INFO - Chain [1] done processing
01:16:15 - cmdstanpy - INFO - Chain [1] start processing
01:16:15 - cmdstanpy - INFO - Chain [1] done processing
01:16:15 - cmdstanpy - INFO - Chain [1] start processing
01:16:15 - cmdstanpy - INFO - Chain [1] done processing
01:16:15 - cmdstanpy - INFO - Chain [1] start processing
01:16:15 - cmdstanpy - INFO - Chain [1] done processing
01:16:16 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:16:16 - cmdstanpy - INFO - Chain [1] done processing
01:16:16 - cmdstanpy - INFO - Chain [1] start processing
01:16:16 - cmdstanpy - INFO - Chain [1] done processing
01:16:16 - cmdstanpy - INFO - Chain [1] start processing
01:16:16 - cmdstanpy - INFO - Chain [1] done processing
01:16:17 - cmdstanpy - INFO - Chain [1] start processing
01:16:17 - cmdstanpy - INFO - Chain [1] done processing
01:16:17 - cmdstanpy - INFO - Chain [1] start processing
01:16:17 - cmdstanpy - INFO - Chain [1] done processing
01:16:17 - cmdstanpy - INFO - Chain [1] start processing
01:16:17 - cmdstanpy - INFO - Chain [1] done processing
01:16:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:17 - cmdstanpy - INFO - Chain [1] start processing
01:16:18 - cmdstanpy - INFO - Chain [1] done processing
01:16:18 - cmdstanpy - INFO - Chain [1] start processing
01:16:18 - cmdstanpy - INFO - Chain [1] done processing
01:16:18 - cmdstanpy - INFO - Chain [1] start processing
01:16:18 - cmdstanpy - INFO - Chain [1] done processing
01:16:19 - cmdstanpy - INFO - Chain [1] start processing
01:16:19 - cmdstanpy - INFO - Chain [1] done processing
01:16:19 - cmdstanpy - INFO - Chain [1] start processing
01:16:19 - cmdstanpy - INFO - Chain [1] done processing
01:16:19 - cmdstanpy - INFO - Chain [1] start processing
01:16:19 - cmdstanpy - INFO - Chain [1] done processing
01:16:20 - cmdstanpy - INFO - Chain [1] start processing
01:16:20 - cmdstanpy - INFO - Chain [1] done processing
01:16:20 - cmdstanpy - INFO - Chain [1] start processing
01:16:20 - cmdstanpy - INFO - Chain [1] done processing
01:16:20 - cmdstanpy - INFO - Chain [1] start processing
01:16:20 - cmdstanpy - INFO - Chain [1] done processing
01:16:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:20 - cmdstanpy - INFO - Chain [1] start processing
01:16:21 - cmdstanpy - INFO - Chain [1] done processing
01:16:21 - cmdstanpy - INFO - Chain [1] start processing
01:16:21 - cmdstanpy - INFO - Chain [1] done processing
01:16:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:21 - cmdstanpy - INFO - Chain [1] start processing
01:16:21 - cmdstanpy - INFO - Chain [1] done processing
01:16:22 - cmdstanpy - INFO - Chain [1] start processing
01:16:22 - cmdstanpy - INFO - Chain [1] done processing
01:16:22 - cmdstanpy - INFO - Chain [1] start processing
01:16:22 - cmdstanpy - INFO - Chain [1] done processing
01:16:22 - cmdstanpy - INFO - Chain [1] start processing
01:16:23 - cmdstanpy - INFO - Chain [1] done processing
01:16:23 - cmdstanpy - INFO - Chain [1] start processing
01:16:23 - cmdstanpy - INFO - Chain [1] done processing
01:16:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:23 - cmdstanpy - INFO - Chain [1] start processing
01:16:23 - cmdstanpy - INFO - Chain [1] done processing
01:16:23 - cmdstanpy - INFO - Chain [1] start processing
01:16:24 - cmdstanpy - INFO - Chain [1] done processing
01:16:24 - cmdstanpy - INFO - Chain [1] start processing
01:16:24 - cmdstanpy - INFO - Chain [1] done processing
01:16:24 - cmdstanpy - INFO - Chain [1] start processing
01:16:24 - cmdstanpy - INFO - Chain [1] done processing
01:16:25 - cmdstanpy - INFO - Chain [1] start processing
01:16:25 - cmdstanpy - INFO - Chain [1] done processing
01:16:25 - cmdstanpy - INFO - Chain [1] start processing
01:16:25 - cmdstanpy - INFO - Chain [1] done processing
01:16:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:16:25 - cmdstanpy - INFO - Chain [1] start processing
01:16:25 - cmdstanpy - INFO - Chain [1] done processing
01:16:26 - cmdstanpy - INFO - Chain [1] start processing
01:16:26 - cmdstanpy - INFO - Chain [1] done processing
01:16:26 - cmdstanpy - INFO - Chain [1] start processing
01:16:26 - cmdstanpy - INFO - Chain [1] done processing
01:16:26 - cmdstanpy - INFO - Chain [1] start processing
01:16:26 - cmdstanpy - INFO - Chain [1] done processing
01:16:27 - cmdstanpy - INFO - Chain [1] start processing
01:16:27 - cmdstanpy - INFO - Chain [1] done processing
01:16:27 - cmdstanpy - INFO - Chain [1] start processing
01:16:27 - cmdstanpy - INFO - Chain [1] done processing
01:16:27 - cmdstanpy - INFO - Chain [1] start processing
01:16:27 - cmdstanpy - INFO - Chain [1] done processing
01:16:27 - cmdstanpy - INFO - Chain [1] start processing
01:16:28 - cmdstanpy - INFO - Chain [1] done processing
01:16:28 - cmdstanpy - INFO - Chain [1] start processing
01:16:28 - cmdstanpy - INFO - Chain [1] done processing
01:16:28 - cmdstanpy - INFO - Chain [1] start processing
01:16:28 - cmdstanpy - INFO - Chain [1] done processing
01:16:29 - cmdstanpy - INFO - Chain [1] start processing
01:16:29 - cmdstanpy - INFO - Chain [1] done processing
01:16:29 - cmdstanpy - INFO - Chain [1] start processing
01:16:29 - cmdstanpy - INFO - Chain [1] done processing
01:16:29 - cmdstanpy - INFO - Chain [1] start processing
01:16:29 - cmdstanpy - INFO - Chain [1] done processing
01:16:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:29 - cmdstanpy - INFO - Chain [1] start processing
01:16:30 - cmdstanpy - INFO - Chain [1] done processing
01:16:30 - cmdstanpy - INFO - Chain [1] start processing
01:16:30 - cmdstanpy - INFO - Chain [1] done processing
01:16:31 - cmdstanpy - INFO - Chain [1] start processing
01:16:31 - cmdstanpy - INFO - Chain [1] done processing
01:16:31 - cmdstanpy - INFO - Chain [1] start processing
01:16:31 - cmdstanpy - INFO - Chain [1] done processing
01:16:31 - cmdstanpy - INFO - Chain [1] start processing
01:16:31 - cmdstanpy - INFO - Chain [1] done processing
01:16:32 - cmdstanpy - INFO - Chain [1] start processing
01:16:32 - cmdstanpy - INFO - Chain [1] done processing
01:16:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:32 - cmdstanpy - INFO - Chain [1] start processing
01:16:32 - cmdstanpy - INFO - Chain [1] done processing
01:16:32 - cmdstanpy - INFO - Chain [1] start processing
01:16:32 - cmdstanpy - INFO - Chain [1] done processing
01:16:32 - cmdstanpy - INFO - Chain [1] start processing
01:16:32 - cmdstanpy - INFO - Chain [1] done processing
01:16:33 - cmdstanpy - INFO - Chain [1] start processing
01:16:33 - cmdstanpy - INFO - Chain [1] done processing
01:16:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:33 - cmdstanpy - INFO - Chain [1] start processing
01:16:33 - cmdstanpy - INFO - Chain [1] done processing
01:16:33 - cmdstanpy - INFO - Chain [1] start processing
01:16:33 - cmdstanpy - INFO - Chain [1] done processing
01:16:34 - cmdstanpy - INFO - Chain [1] start processing
01:16:34 - cmdstanpy - INFO - Chain [1] done processing
01:16:34 - cmdstanpy - INFO - Chain [1] start processing
01:16:34 - cmdstanpy - INFO - Chain [1] done processing
01:16:35 - cmdstanpy - INFO - Chain [1] start processing
01:16:35 - cmdstanpy - INFO - Chain [1] done processing
01:16:35 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:16:35 - cmdstanpy - INFO - Chain [1] done processing
01:16:35 - cmdstanpy - INFO - Chain [1] start processing
01:16:35 - cmdstanpy - INFO - Chain [1] done processing
01:16:36 - cmdstanpy - INFO - Chain [1] start processing
01:16:36 - cmdstanpy - INFO - Chain [1] done processing
01:16:36 - cmdstanpy - INFO - Chain [1] start processing
01:16:36 - cmdstanpy - INFO - Chain [1] done processing
01:16:36 - cmdstanpy - INFO - Chain [1] start processing
01:16:36 - cmdstanpy - INFO - Chain [1] done processing
01:16:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:36 - cmdstanpy - INFO - Chain [1] start processing
01:16:37 - cmdstanpy - INFO - Chain [1] done processing
01:16:37 - cmdstanpy - INFO - Chain [1] start processing
01:16:37 - cmdstanpy - INFO - Chain [1] done processing
01:16:37 - cmdstanpy - INFO - Chain [1] start processing
01:16:37 - cmdstanpy - INFO - Chain [1] done processing
01:16:38 - cmdstanpy - INFO - Chain [1] start processing
01:16:38 - cmdstanpy - INFO - Chain [1] done processing
01:16:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:38 - cmdstanpy - INFO - Chain [1] start processing
01:16:38 - cmdstanpy - INFO - Chain [1] done processing
01:16:39 - cmdstanpy - INFO - Chain [1] start processing
01:16:39 - cmdstanpy - INFO - Chain [1] done processing
01:16:39 - cmdstanpy - INFO - Chain [1] start processing
01:16:39 - cmdstanpy - INFO - Chain [1] done processing
01:16:39 - cmdstanpy - INFO - Chain [1] start processing
01:16:39 - cmdstanpy - INFO - Chain [1] done processing
01:16:40 - cmdstanpy - INFO - Chain [1] start processing
01:16:40 - cmdstanpy - INFO - Chain [1] done processing
01:16:40 - cmdstanpy - INFO - Chain [1] start processing
01:16:40 - cmdstanpy - INFO - Chain [1] done processing
01:16:40 - cmdstanpy - INFO - Chain [1] start processing
01:16:40 - cmdstanpy - INFO - Chain [1] done processing
01:16:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:40 - cmdstanpy - INFO - Chain [1] start processing
01:16:41 - cmdstanpy - INFO - Chain [1] done processing
01:16:41 - cmdstanpy - INFO - Chain [1] start processing
01:16:41 - cmdstanpy - INFO - Chain [1] done processing
01:16:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:41 - cmdstanpy - INFO - Chain [1] start processing
01:16:41 - cmdstanpy - INFO - Chain [1] done processing
01:16:42 - cmdstanpy - INFO - Chain [1] start processing
01:16:42 - cmdstanpy - INFO - Chain [1] done processing
01:16:42 - cmdstanpy - INFO - Chain [1] start processing
01:16:42 - cmdstanpy - INFO - Chain [1] done processing
01:16:43 - cmdstanpy - INFO - Chain [1] start processing
01:16:43 - cmdstanpy - INFO - Chain [1] done processing
01:16:43 - cmdstanpy - INFO - Chain [1] start processing
01:16:43 - cmdstanpy - INFO - Chain [1] done processing
01:16:43 - cmdstanpy - INFO - Chain [1] start processing
01:16:43 - cmdstanpy - INFO - Chain [1] done processing
01:16:43 - cmdstanpy - INFO - Chain [1] start processing
01:16:43 - cmdstanpy - INFO - Chain [1] done processing
01:16:44 - cmdstanpy - INFO - Chain [1] start processing
01:16:44 - cmdstanpy - INFO - Chain [1] done processing
01:16:45 - cmdstanpy - INFO - Chain [1] start processing
01:16:45 - cmdstanpy - INFO - Chain [1] done processing
01:16:45 - cmdstanpy - INFO - Chain [1] start processing
01:16:45 - cmdstanpy - INFO - Chain [1] done processing
01:16:46 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:16:46 - cmdstanpy - INFO - Chain [1] done processing
01:16:46 - cmdstanpy - INFO - Chain [1] start processing
01:16:46 - cmdstanpy - INFO - Chain [1] done processing
01:16:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:46 - cmdstanpy - INFO - Chain [1] start processing
01:16:47 - cmdstanpy - INFO - Chain [1] done processing
01:16:48 - cmdstanpy - INFO - Chain [1] start processing
01:16:48 - cmdstanpy - INFO - Chain [1] done processing
01:16:48 - cmdstanpy - INFO - Chain [1] start processing
01:16:48 - cmdstanpy - INFO - Chain [1] done processing
01:16:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:48 - cmdstanpy - INFO - Chain [1] start processing
01:16:49 - cmdstanpy - INFO - Chain [1] done processing
01:16:49 - cmdstanpy - INFO - Chain [1] start processing
01:16:49 - cmdstanpy - INFO - Chain [1] done processing
01:16:50 - cmdstanpy - INFO - Chain [1] start processing
01:16:50 - cmdstanpy - INFO - Chain [1] done processing
01:16:51 - cmdstanpy - INFO - Chain [1] start processing
01:16:51 - cmdstanpy - INFO - Chain [1] done processing
01:16:51 - cmdstanpy - INFO - Chain [1] start processing
01:16:51 - cmdstanpy - INFO - Chain [1] done processing
01:16:52 - cmdstanpy - INFO - Chain [1] start processing
01:16:52 - cmdstanpy - INFO - Chain [1] done processing
01:16:52 - cmdstanpy - INFO - Chain [1] start processing
01:16:52 - cmdstanpy - INFO - Chain [1] done processing
01:16:53 - cmdstanpy - INFO - Chain [1] start processing
01:16:53 - cmdstanpy - INFO - Chain [1] done processing
01:16:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:53 - cmdstanpy - INFO - Chain [1] start processing
01:16:53 - cmdstanpy - INFO - Chain [1] done processing
01:16:54 - cmdstanpy - INFO - Chain [1] start processing
01:16:54 - cmdstanpy - INFO - Chain [1] done processing
01:16:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:54 - cmdstanpy - INFO - Chain [1] start processing
01:16:54 - cmdstanpy - INFO - Chain [1] done processing
01:16:54 - cmdstanpy - INFO - Chain [1] start processing
01:16:54 - cmdstanpy - INFO - Chain [1] done processing
01:16:55 - cmdstanpy - INFO - Chain [1] start processing
01:16:55 - cmdstanpy - INFO - Chain [1] done processing
01:16:55 - cmdstanpy - INFO - Chain [1] start processing
01:16:55 - cmdstanpy - INFO - Chain [1] done processing
01:16:55 - cmdstanpy - INFO - Chain [1] start processing
01:16:56 - cmdstanpy - INFO - Chain [1] done processing
01:16:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:56 - cmdstanpy - INFO - Chain [1] start processing
01:16:56 - cmdstanpy - INFO - Chain [1] done processing
01:16:56 - cmdstanpy - INFO - Chain [1] start processing
01:16:56 - cmdstanpy - INFO - Chain [1] done processing
01:16:56 - cmdstanpy - INFO - Chain [1] start processing
01:16:56 - cmdstanpy - INFO - Chain [1] done processing
01:16:57 - cmdstanpy - INFO - Chain [1] start processing
01:16:57 - cmdstanpy - INFO - Chain [1] done processing
01:16:57 - cmdstanpy - INFO - Chain [1] start processing
01:16:57 - cmdstanpy - INFO - Chain [1] done processing
01:16:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:57 - cmdstanpy - INFO - Chain [1] start processing
01:16:57 - cmdstanpy - INFO - Chain [1] done processing
01:16:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:16:58 - cmdstanpy - INFO - Chain [1] done processing
01:16:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:16:58 - cmdstanpy - INFO - Chain [1] start processing
01:16:58 - cmdstanpy - INFO - Chain [1] done processing
01:16:58 - cmdstanpy - INFO - Chain [1] start processing
01:16:58 - cmdstanpy - INFO - Chain [1] done processing
01:16:59 - cmdstanpy - INFO - Chain [1] start processing
01:16:59 - cmdstanpy - INFO - Chain [1] done processing
01:16:59 - cmdstanpy - INFO - Chain [1] start processing
01:16:59 - cmdstanpy - INFO - Chain [1] done processing
01:16:59 - cmdstanpy - INFO - Chain [1] start processing
01:16:59 - cmdstanpy - INFO - Chain [1] done processing
01:17:00 - cmdstanpy - INFO - Chain [1] start processing
01:17:00 - cmdstanpy - INFO - Chain [1] done processing
01:17:00 - cmdstanpy - INFO - Chain [1] start processing
01:17:00 - cmdstanpy - INFO - Chain [1] done processing
01:17:00 - cmdstanpy - INFO - Chain [1] start processing
01:17:00 - cmdstanpy - INFO - Chain [1] done processing
01:17:01 - cmdstanpy - INFO - Chain [1] start processing
01:17:01 - cmdstanpy - INFO - Chain [1] done processing
01:17:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:01 - cmdstanpy - INFO - Chain [1] start processing
01:17:01 - cmdstanpy - INFO - Chain [1] done processing
01:17:01 - cmdstanpy - INFO - Chain [1] start processing
01:17:01 - cmdstanpy - INFO - Chain [1] done processing
01:17:02 - cmdstanpy - INFO - Chain [1] start processing
01:17:02 - cmdstanpy - INFO - Chain [1] done processing
01:17:02 - cmdstanpy - INFO - Chain [1] start processing
01:17:02 - cmdstanpy - INFO - Chain [1] done processing
01:17:03 - cmdstanpy - INFO - Chain [1] start processing
01:17:03 - cmdstanpy - INFO - Chain [1] done processing
01:17:03 - cmdstanpy - INFO - Chain [1] start processing
01:17:03 - cmdstanpy - INFO - Chain [1] done processing
01:17:03 - cmdstanpy - INFO - Chain [1] start processing
01:17:03 - cmdstanpy - INFO - Chain [1] done processing
01:17:04 - cmdstanpy - INFO - Chain [1] start processing
01:17:04 - cmdstanpy - INFO - Chain [1] done processing
01:17:04 - cmdstanpy - INFO - Chain [1] start processing
01:17:04 - cmdstanpy - INFO - Chain [1] done processing
01:17:04 - cmdstanpy - INFO - Chain [1] start processing
01:17:04 - cmdstanpy - INFO - Chain [1] done processing
01:17:05 - cmdstanpy - INFO - Chain [1] start processing
01:17:05 - cmdstanpy - INFO - Chain [1] done processing
01:17:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:05 - cmdstanpy - INFO - Chain [1] start processing
01:17:05 - cmdstanpy - INFO - Chain [1] done processing
01:17:05 - cmdstanpy - INFO - Chain [1] start processing
01:17:05 - cmdstanpy - INFO - Chain [1] done processing
01:17:06 - cmdstanpy - INFO - Chain [1] start processing
01:17:06 - cmdstanpy - INFO - Chain [1] done processing
01:17:06 - cmdstanpy - INFO - Chain [1] start processing
01:17:06 - cmdstanpy - INFO - Chain [1] done processing
01:17:06 - cmdstanpy - INFO - Chain [1] start processing
01:17:07 - cmdstanpy - INFO - Chain [1] done processing
01:17:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:07 - cmdstanpy - INFO - Chain [1] start processing
01:17:07 - cmdstanpy - INFO - Chain [1] done processing
01:17:07 - cmdstanpy - INFO - Chain [1] start processing
01:17:07 - cmdstanpy - INFO - Chain [1] done processing
01:17:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:17:08 - cmdstanpy - INFO - Chain [1] done processing
01:17:08 - cmdstanpy - INFO - Chain [1] start processing
01:17:08 - cmdstanpy - INFO - Chain [1] done processing
01:17:08 - cmdstanpy - INFO - Chain [1] start processing
01:17:08 - cmdstanpy - INFO - Chain [1] done processing
01:17:09 - cmdstanpy - INFO - Chain [1] start processing
01:17:09 - cmdstanpy - INFO - Chain [1] done processing
01:17:09 - cmdstanpy - INFO - Chain [1] start processing
01:17:09 - cmdstanpy - INFO - Chain [1] done processing
01:17:09 - cmdstanpy - INFO - Chain [1] start processing
01:17:09 - cmdstanpy - INFO - Chain [1] done processing
01:17:10 - cmdstanpy - INFO - Chain [1] start processing
01:17:10 - cmdstanpy - INFO - Chain [1] done processing
01:17:10 - cmdstanpy - INFO - Chain [1] start processing
01:17:10 - cmdstanpy - INFO - Chain [1] done processing
01:17:10 - cmdstanpy - INFO - Chain [1] start processing
01:17:10 - cmdstanpy - INFO - Chain [1] done processing
01:17:11 - cmdstanpy - INFO - Chain [1] start processing
01:17:11 - cmdstanpy - INFO - Chain [1] done processing
01:17:11 - cmdstanpy - INFO - Chain [1] start processing
01:17:11 - cmdstanpy - INFO - Chain [1] done processing
01:17:11 - cmdstanpy - INFO - Chain [1] start processing
01:17:11 - cmdstanpy - INFO - Chain [1] done processing
01:17:12 - cmdstanpy - INFO - Chain [1] start processing
01:17:12 - cmdstanpy - INFO - Chain [1] done processing
01:17:12 - cmdstanpy - INFO - Chain [1] start processing
01:17:12 - cmdstanpy - INFO - Chain [1] done processing
01:17:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:12 - cmdstanpy - INFO - Chain [1] start processing
01:17:12 - cmdstanpy - INFO - Chain [1] done processing
01:17:12 - cmdstanpy - INFO - Chain [1] start processing
01:17:13 - cmdstanpy - INFO - Chain [1] done processing
01:17:13 - cmdstanpy - INFO - Chain [1] start processing
01:17:13 - cmdstanpy - INFO - Chain [1] done processing
01:17:13 - cmdstanpy - INFO - Chain [1] start processing
01:17:13 - cmdstanpy - INFO - Chain [1] done processing
01:17:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:13 - cmdstanpy - INFO - Chain [1] start processing
01:17:13 - cmdstanpy - INFO - Chain [1] done processing
01:17:14 - cmdstanpy - INFO - Chain [1] start processing
01:17:14 - cmdstanpy - INFO - Chain [1] done processing
01:17:14 - cmdstanpy - INFO - Chain [1] start processing
01:17:14 - cmdstanpy - INFO - Chain [1] done processing
01:17:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:14 - cmdstanpy - INFO - Chain [1] start processing
01:17:14 - cmdstanpy - INFO - Chain [1] done processing
01:17:15 - cmdstanpy - INFO - Chain [1] start processing
01:17:15 - cmdstanpy - INFO - Chain [1] done processing
01:17:15 - cmdstanpy - INFO - Chain [1] start processing
01:17:15 - cmdstanpy - INFO - Chain [1] done processing
01:17:15 - cmdstanpy - INFO - Chain [1] start processing
01:17:15 - cmdstanpy - INFO - Chain [1] done processing
01:17:16 - cmdstanpy - INFO - Chain [1] start processing
01:17:16 - cmdstanpy - INFO - Chain [1] done processing
01:17:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:16 - cmdstanpy - INFO - Chain [1] start processing
01:17:16 - cmdstanpy - INFO - Chain [1] done processing
01:17:17 - cmdstanpy - INFO - Chain [1] start processing
01:17:17 - cmdstanpy - INFO - Chain [1] done processing
01:17:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:17:17 - cmdstanpy - INFO - Chain [1] start processing
01:17:17 - cmdstanpy - INFO - Chain [1] done processing
01:17:17 - cmdstanpy - INFO - Chain [1] start processing
01:17:17 - cmdstanpy - INFO - Chain [1] done processing
01:17:18 - cmdstanpy - INFO - Chain [1] start processing
01:17:18 - cmdstanpy - INFO - Chain [1] done processing
01:17:18 - cmdstanpy - INFO - Chain [1] start processing
01:17:18 - cmdstanpy - INFO - Chain [1] done processing
01:17:18 - cmdstanpy - INFO - Chain [1] start processing
01:17:18 - cmdstanpy - INFO - Chain [1] done processing
01:17:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:18 - cmdstanpy - INFO - Chain [1] start processing
01:17:19 - cmdstanpy - INFO - Chain [1] done processing
01:17:19 - cmdstanpy - INFO - Chain [1] start processing
01:17:19 - cmdstanpy - INFO - Chain [1] done processing
01:17:19 - cmdstanpy - INFO - Chain [1] start processing
01:17:19 - cmdstanpy - INFO - Chain [1] done processing
01:17:19 - cmdstanpy - INFO - Chain [1] start processing
01:17:20 - cmdstanpy - INFO - Chain [1] done processing
01:17:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:20 - cmdstanpy - INFO - Chain [1] start processing
01:17:20 - cmdstanpy - INFO - Chain [1] done processing
01:17:20 - cmdstanpy - INFO - Chain [1] start processing
01:17:20 - cmdstanpy - INFO - Chain [1] done processing
01:17:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:20 - cmdstanpy - INFO - Chain [1] start processing
01:17:21 - cmdstanpy - INFO - Chain [1] done processing
01:17:21 - cmdstanpy - INFO - Chain [1] start processing
01:17:21 - cmdstanpy - INFO - Chain [1] done processing
01:17:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:21 - cmdstanpy - INFO - Chain [1] start processing
01:17:21 - cmdstanpy - INFO - Chain [1] done processing
01:17:21 - cmdstanpy - INFO - Chain [1] start processing
01:17:21 - cmdstanpy - INFO - Chain [1] done processing
01:17:22 - cmdstanpy - INFO - Chain [1] start processing
01:17:22 - cmdstanpy - INFO - Chain [1] done processing
01:17:22 - cmdstanpy - INFO - Chain [1] start processing
01:17:22 - cmdstanpy - INFO - Chain [1] done processing
01:17:23 - cmdstanpy - INFO - Chain [1] start processing
01:17:23 - cmdstanpy - INFO - Chain [1] done processing
01:17:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:23 - cmdstanpy - INFO - Chain [1] start processing
01:17:23 - cmdstanpy - INFO - Chain [1] done processing
01:17:24 - cmdstanpy - INFO - Chain [1] start processing
01:17:24 - cmdstanpy - INFO - Chain [1] done processing
01:17:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:24 - cmdstanpy - INFO - Chain [1] start processing
01:17:24 - cmdstanpy - INFO - Chain [1] done processing
01:17:25 - cmdstanpy - INFO - Chain [1] start processing
01:17:25 - cmdstanpy - INFO - Chain [1] done processing
01:17:25 - cmdstanpy - INFO - Chain [1] start processing
01:17:25 - cmdstanpy - INFO - Chain [1] done processing
01:17:25 - cmdstanpy - INFO - Chain [1] start processing
01:17:25 - cmdstanpy - INFO - Chain [1] done processing
01:17:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:17:26 - cmdstanpy - INFO - Chain [1] done processing
01:17:26 - cmdstanpy - INFO - Chain [1] start processing
01:17:26 - cmdstanpy - INFO - Chain [1] done processing
01:17:26 - cmdstanpy - INFO - Chain [1] start processing
01:17:26 - cmdstanpy - INFO - Chain [1] done processing
01:17:27 - cmdstanpy - INFO - Chain [1] start processing
01:17:27 - cmdstanpy - INFO - Chain [1] done processing
01:17:27 - cmdstanpy - INFO - Chain [1] start processing
01:17:27 - cmdstanpy - INFO - Chain [1] done processing
01:17:27 - cmdstanpy - INFO - Chain [1] start processing
01:17:27 - cmdstanpy - INFO - Chain [1] done processing
01:17:28 - cmdstanpy - INFO - Chain [1] start processing
01:17:28 - cmdstanpy - INFO - Chain [1] done processing
01:17:28 - cmdstanpy - INFO - Chain [1] start processing
01:17:28 - cmdstanpy - INFO - Chain [1] done processing
01:17:28 - cmdstanpy - INFO - Chain [1] start processing
01:17:28 - cmdstanpy - INFO - Chain [1] done processing
01:17:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:28 - cmdstanpy - INFO - Chain [1] start processing
01:17:28 - cmdstanpy - INFO - Chain [1] done processing
01:17:29 - cmdstanpy - INFO - Chain [1] start processing
01:17:29 - cmdstanpy - INFO - Chain [1] done processing
01:17:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:29 - cmdstanpy - INFO - Chain [1] start processing
01:17:29 - cmdstanpy - INFO - Chain [1] done processing
01:17:29 - cmdstanpy - INFO - Chain [1] start processing
01:17:29 - cmdstanpy - INFO - Chain [1] done processing
01:17:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:29 - cmdstanpy - INFO - Chain [1] start processing
01:17:29 - cmdstanpy - INFO - Chain [1] done processing
01:17:30 - cmdstanpy - INFO - Chain [1] start processing
01:17:30 - cmdstanpy - INFO - Chain [1] done processing
01:17:30 - cmdstanpy - INFO - Chain [1] start processing
01:17:30 - cmdstanpy - INFO - Chain [1] done processing
01:17:30 - cmdstanpy - INFO - Chain [1] start processing
01:17:30 - cmdstanpy - INFO - Chain [1] done processing
01:17:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:30 - cmdstanpy - INFO - Chain [1] start processing
01:17:31 - cmdstanpy - INFO - Chain [1] done processing
01:17:31 - cmdstanpy - INFO - Chain [1] start processing
01:17:31 - cmdstanpy - INFO - Chain [1] done processing
01:17:31 - cmdstanpy - INFO - Chain [1] start processing
01:17:31 - cmdstanpy - INFO - Chain [1] done processing
01:17:32 - cmdstanpy - INFO - Chain [1] start processing
01:17:32 - cmdstanpy - INFO - Chain [1] done processing
01:17:32 - cmdstanpy - INFO - Chain [1] start processing
01:17:32 - cmdstanpy - INFO - Chain [1] done processing
01:17:32 - cmdstanpy - INFO - Chain [1] start processing
01:17:32 - cmdstanpy - INFO - Chain [1] done processing
01:17:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:32 - cmdstanpy - INFO - Chain [1] start processing
01:17:33 - cmdstanpy - INFO - Chain [1] done processing
01:17:33 - cmdstanpy - INFO - Chain [1] start processing
01:17:33 - cmdstanpy - INFO - Chain [1] done processing
01:17:33 - cmdstanpy - INFO - Chain [1] start processing
01:17:33 - cmdstanpy - INFO - Chain [1] done processing
01:17:34 - cmdstanpy - INFO - Chain [1] start processing
01:17:34 - cmdstanpy - INFO - Chain [1] done processing
01:17:34 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:17:34 - cmdstanpy - INFO - Chain [1] done processing
01:17:34 - cmdstanpy - INFO - Chain [1] start processing
01:17:34 - cmdstanpy - INFO - Chain [1] done processing
01:17:34 - cmdstanpy - INFO - Chain [1] start processing
01:17:35 - cmdstanpy - INFO - Chain [1] done processing
01:17:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:35 - cmdstanpy - INFO - Chain [1] start processing
01:17:35 - cmdstanpy - INFO - Chain [1] done processing
01:17:35 - cmdstanpy - INFO - Chain [1] start processing
01:17:35 - cmdstanpy - INFO - Chain [1] done processing
01:17:35 - cmdstanpy - INFO - Chain [1] start processing
01:17:35 - cmdstanpy - INFO - Chain [1] done processing
01:17:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:35 - cmdstanpy - INFO - Chain [1] start processing
01:17:36 - cmdstanpy - INFO - Chain [1] done processing
01:17:36 - cmdstanpy - INFO - Chain [1] start processing
01:17:36 - cmdstanpy - INFO - Chain [1] done processing
01:17:36 - cmdstanpy - INFO - Chain [1] start processing
01:17:36 - cmdstanpy - INFO - Chain [1] done processing
01:17:37 - cmdstanpy - INFO - Chain [1] start processing
01:17:37 - cmdstanpy - INFO - Chain [1] done processing
01:17:37 - cmdstanpy - INFO - Chain [1] start processing
01:17:37 - cmdstanpy - INFO - Chain [1] done processing
01:17:37 - cmdstanpy - INFO - Chain [1] start processing
01:17:37 - cmdstanpy - INFO - Chain [1] done processing
01:17:38 - cmdstanpy - INFO - Chain [1] start processing
01:17:38 - cmdstanpy - INFO - Chain [1] done processing
01:17:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:38 - cmdstanpy - INFO - Chain [1] start processing
01:17:38 - cmdstanpy - INFO - Chain [1] done processing
01:17:38 - cmdstanpy - INFO - Chain [1] start processing
01:17:38 - cmdstanpy - INFO - Chain [1] done processing
01:17:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:38 - cmdstanpy - INFO - Chain [1] start processing
01:17:39 - cmdstanpy - INFO - Chain [1] done processing
01:17:39 - cmdstanpy - INFO - Chain [1] start processing
01:17:39 - cmdstanpy - INFO - Chain [1] done processing
01:17:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:39 - cmdstanpy - INFO - Chain [1] start processing
01:17:39 - cmdstanpy - INFO - Chain [1] done processing
01:17:39 - cmdstanpy - INFO - Chain [1] start processing
01:17:40 - cmdstanpy - INFO - Chain [1] done processing
01:17:40 - cmdstanpy - INFO - Chain [1] start processing
01:17:40 - cmdstanpy - INFO - Chain [1] done processing
01:17:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:40 - cmdstanpy - INFO - Chain [1] start processing
01:17:40 - cmdstanpy - INFO - Chain [1] done processing
01:17:40 - cmdstanpy - INFO - Chain [1] start processing
01:17:41 - cmdstanpy - INFO - Chain [1] done processing
01:17:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:41 - cmdstanpy - INFO - Chain [1] start processing
01:17:41 - cmdstanpy - INFO - Chain [1] done processing
01:17:41 - cmdstanpy - INFO - Chain [1] start processing
01:17:41 - cmdstanpy - INFO - Chain [1] done processing
01:17:42 - cmdstanpy - INFO - Chain [1] start processing
01:17:42 - cmdstanpy - INFO - Chain [1] done processing
01:17:42 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:17:42 - cmdstanpy - INFO - Chain [1] done processing
01:17:42 - cmdstanpy - INFO - Chain [1] start processing
01:17:42 - cmdstanpy - INFO - Chain [1] done processing
01:17:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:42 - cmdstanpy - INFO - Chain [1] start processing
01:17:43 - cmdstanpy - INFO - Chain [1] done processing
01:17:43 - cmdstanpy - INFO - Chain [1] start processing
01:17:43 - cmdstanpy - INFO - Chain [1] done processing
01:17:43 - cmdstanpy - INFO - Chain [1] start processing
01:17:43 - cmdstanpy - INFO - Chain [1] done processing
01:17:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:43 - cmdstanpy - INFO - Chain [1] start processing
01:17:44 - cmdstanpy - INFO - Chain [1] done processing
01:17:44 - cmdstanpy - INFO - Chain [1] start processing
01:17:44 - cmdstanpy - INFO - Chain [1] done processing
01:17:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:44 - cmdstanpy - INFO - Chain [1] start processing
01:17:44 - cmdstanpy - INFO - Chain [1] done processing
01:17:44 - cmdstanpy - INFO - Chain [1] start processing
01:17:45 - cmdstanpy - INFO - Chain [1] done processing
01:17:45 - cmdstanpy - INFO - Chain [1] start processing
01:17:45 - cmdstanpy - INFO - Chain [1] done processing
01:17:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:45 - cmdstanpy - INFO - Chain [1] start processing
01:17:45 - cmdstanpy - INFO - Chain [1] done processing
01:17:45 - cmdstanpy - INFO - Chain [1] start processing
01:17:45 - cmdstanpy - INFO - Chain [1] done processing
01:17:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:45 - cmdstanpy - INFO - Chain [1] start processing
01:17:46 - cmdstanpy - INFO - Chain [1] done processing
01:17:46 - cmdstanpy - INFO - Chain [1] start processing
01:17:46 - cmdstanpy - INFO - Chain [1] done processing
01:17:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:46 - cmdstanpy - INFO - Chain [1] start processing
01:17:46 - cmdstanpy - INFO - Chain [1] done processing
01:17:46 - cmdstanpy - INFO - Chain [1] start processing
01:17:46 - cmdstanpy - INFO - Chain [1] done processing
01:17:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:46 - cmdstanpy - INFO - Chain [1] start processing
01:17:47 - cmdstanpy - INFO - Chain [1] done processing
01:17:47 - cmdstanpy - INFO - Chain [1] start processing
01:17:47 - cmdstanpy - INFO - Chain [1] done processing
01:17:47 - cmdstanpy - INFO - Chain [1] start processing
01:17:47 - cmdstanpy - INFO - Chain [1] done processing
01:17:48 - cmdstanpy - INFO - Chain [1] start processing
01:17:48 - cmdstanpy - INFO - Chain [1] done processing
01:17:48 - cmdstanpy - INFO - Chain [1] start processing
01:17:48 - cmdstanpy - INFO - Chain [1] done processing
01:17:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:48 - cmdstanpy - INFO - Chain [1] start processing
01:17:48 - cmdstanpy - INFO - Chain [1] done processing
01:17:48 - cmdstanpy - INFO - Chain [1] start processing
01:17:49 - cmdstanpy - INFO - Chain [1] done processing
01:17:49 - cmdstanpy - INFO - Chain [1] start processing
01:17:49 - cmdstanpy - INFO - Chain [1] done processing
01:17:49 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:17:49 - cmdstanpy - INFO - Chain [1] done processing
01:17:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:49 - cmdstanpy - INFO - Chain [1] start processing
01:17:49 - cmdstanpy - INFO - Chain [1] done processing
01:17:50 - cmdstanpy - INFO - Chain [1] start processing
01:17:50 - cmdstanpy - INFO - Chain [1] done processing
01:17:50 - cmdstanpy - INFO - Chain [1] start processing
01:17:50 - cmdstanpy - INFO - Chain [1] done processing
01:17:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:50 - cmdstanpy - INFO - Chain [1] start processing
01:17:50 - cmdstanpy - INFO - Chain [1] done processing
01:17:51 - cmdstanpy - INFO - Chain [1] start processing
01:17:51 - cmdstanpy - INFO - Chain [1] done processing
01:17:51 - cmdstanpy - INFO - Chain [1] start processing
01:17:51 - cmdstanpy - INFO - Chain [1] done processing
01:17:51 - cmdstanpy - INFO - Chain [1] start processing
01:17:51 - cmdstanpy - INFO - Chain [1] done processing
01:17:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:51 - cmdstanpy - INFO - Chain [1] start processing
01:17:52 - cmdstanpy - INFO - Chain [1] done processing
01:17:52 - cmdstanpy - INFO - Chain [1] start processing
01:17:52 - cmdstanpy - INFO - Chain [1] done processing
01:17:52 - cmdstanpy - INFO - Chain [1] start processing
01:17:52 - cmdstanpy - INFO - Chain [1] done processing
01:17:53 - cmdstanpy - INFO - Chain [1] start processing
01:17:53 - cmdstanpy - INFO - Chain [1] done processing
01:17:53 - cmdstanpy - INFO - Chain [1] start processing
01:17:53 - cmdstanpy - INFO - Chain [1] done processing
01:17:53 - cmdstanpy - INFO - Chain [1] start processing
01:17:53 - cmdstanpy - INFO - Chain [1] done processing
01:17:54 - cmdstanpy - INFO - Chain [1] start processing
01:17:54 - cmdstanpy - INFO - Chain [1] done processing
01:17:54 - cmdstanpy - INFO - Chain [1] start processing
01:17:54 - cmdstanpy - INFO - Chain [1] done processing
01:17:54 - cmdstanpy - INFO - Chain [1] start processing
01:17:54 - cmdstanpy - INFO - Chain [1] done processing
01:17:55 - cmdstanpy - INFO - Chain [1] start processing
01:17:55 - cmdstanpy - INFO - Chain [1] done processing
01:17:55 - cmdstanpy - INFO - Chain [1] start processing
01:17:55 - cmdstanpy - INFO - Chain [1] done processing
01:17:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:55 - cmdstanpy - INFO - Chain [1] start processing
01:17:55 - cmdstanpy - INFO - Chain [1] done processing
01:17:56 - cmdstanpy - INFO - Chain [1] start processing
01:17:56 - cmdstanpy - INFO - Chain [1] done processing
01:17:56 - cmdstanpy - INFO - Chain [1] start processing
01:17:56 - cmdstanpy - INFO - Chain [1] done processing
01:17:57 - cmdstanpy - INFO - Chain [1] start processing
01:17:57 - cmdstanpy - INFO - Chain [1] done processing
01:17:57 - cmdstanpy - INFO - Chain [1] start processing
01:17:57 - cmdstanpy - INFO - Chain [1] done processing
01:17:57 - cmdstanpy - INFO - Chain [1] start processing
01:17:58 - cmdstanpy - INFO - Chain [1] done processing
01:17:58 - cmdstanpy - INFO - Chain [1] start processing
01:17:58 - cmdstanpy - INFO - Chain [1] done processing
01:17:58 - cmdstanpy - INFO - Chain [1] start processing
01:17:58 - cmdstanpy - INFO - Chain [1] done processing
01:17:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:17:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:17:59 - cmdstanpy - INFO - Chain [1] done processing
01:17:59 - cmdstanpy - INFO - Chain [1] start processing
01:17:59 - cmdstanpy - INFO - Chain [1] done processing
01:17:59 - cmdstanpy - INFO - Chain [1] start processing
01:18:00 - cmdstanpy - INFO - Chain [1] done processing
01:18:00 - cmdstanpy - INFO - Chain [1] start processing
01:18:00 - cmdstanpy - INFO - Chain [1] done processing
01:18:00 - cmdstanpy - INFO - Chain [1] start processing
01:18:00 - cmdstanpy - INFO - Chain [1] done processing
01:18:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:00 - cmdstanpy - INFO - Chain [1] start processing
01:18:00 - cmdstanpy - INFO - Chain [1] done processing
01:18:01 - cmdstanpy - INFO - Chain [1] start processing
01:18:01 - cmdstanpy - INFO - Chain [1] done processing
01:18:01 - cmdstanpy - INFO - Chain [1] start processing
01:18:01 - cmdstanpy - INFO - Chain [1] done processing
01:18:01 - cmdstanpy - INFO - Chain [1] start processing
01:18:01 - cmdstanpy - INFO - Chain [1] done processing
01:18:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:01 - cmdstanpy - INFO - Chain [1] start processing
01:18:01 - cmdstanpy - INFO - Chain [1] done processing
01:18:02 - cmdstanpy - INFO - Chain [1] start processing
01:18:02 - cmdstanpy - INFO - Chain [1] done processing
01:18:02 - cmdstanpy - INFO - Chain [1] start processing
01:18:02 - cmdstanpy - INFO - Chain [1] done processing
01:18:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:02 - cmdstanpy - INFO - Chain [1] start processing
01:18:02 - cmdstanpy - INFO - Chain [1] done processing
01:18:03 - cmdstanpy - INFO - Chain [1] start processing
01:18:03 - cmdstanpy - INFO - Chain [1] done processing
01:18:03 - cmdstanpy - INFO - Chain [1] start processing
01:18:03 - cmdstanpy - INFO - Chain [1] done processing
01:18:03 - cmdstanpy - INFO - Chain [1] start processing
01:18:03 - cmdstanpy - INFO - Chain [1] done processing
01:18:03 - cmdstanpy - INFO - Chain [1] start processing
01:18:04 - cmdstanpy - INFO - Chain [1] done processing
01:18:04 - cmdstanpy - INFO - Chain [1] start processing
01:18:04 - cmdstanpy - INFO - Chain [1] done processing
01:18:04 - cmdstanpy - INFO - Chain [1] start processing
01:18:04 - cmdstanpy - INFO - Chain [1] done processing
01:18:05 - cmdstanpy - INFO - Chain [1] start processing
01:18:05 - cmdstanpy - INFO - Chain [1] done processing
01:18:05 - cmdstanpy - INFO - Chain [1] start processing
01:18:05 - cmdstanpy - INFO - Chain [1] done processing
01:18:05 - cmdstanpy - INFO - Chain [1] start processing
01:18:05 - cmdstanpy - INFO - Chain [1] done processing
01:18:06 - cmdstanpy - INFO - Chain [1] start processing
01:18:06 - cmdstanpy - INFO - Chain [1] done processing
01:18:06 - cmdstanpy - INFO - Chain [1] start processing
01:18:06 - cmdstanpy - INFO - Chain [1] done processing
01:18:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:06 - cmdstanpy - INFO - Chain [1] start processing
01:18:06 - cmdstanpy - INFO - Chain [1] done processing
01:18:06 - cmdstanpy - INFO - Chain [1] start processing
01:18:06 - cmdstanpy - INFO - Chain [1] done processing
01:18:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:06 - cmdstanpy - INFO - Chain [1] start processing
01:18:07 - cmdstanpy - INFO - Chain [1] done processing
01:18:07 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:18:07 - cmdstanpy - INFO - Chain [1] done processing
01:18:07 - cmdstanpy - INFO - Chain [1] start processing
01:18:08 - cmdstanpy - INFO - Chain [1] done processing
01:18:08 - cmdstanpy - INFO - Chain [1] start processing
01:18:08 - cmdstanpy - INFO - Chain [1] done processing
01:18:08 - cmdstanpy - INFO - Chain [1] start processing
01:18:08 - cmdstanpy - INFO - Chain [1] done processing
01:18:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:08 - cmdstanpy - INFO - Chain [1] start processing
01:18:08 - cmdstanpy - INFO - Chain [1] done processing
01:18:08 - cmdstanpy - INFO - Chain [1] start processing
01:18:08 - cmdstanpy - INFO - Chain [1] done processing
01:18:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:09 - cmdstanpy - INFO - Chain [1] start processing
01:18:09 - cmdstanpy - INFO - Chain [1] done processing
01:18:09 - cmdstanpy - INFO - Chain [1] start processing
01:18:09 - cmdstanpy - INFO - Chain [1] done processing
01:18:09 - cmdstanpy - INFO - Chain [1] start processing
01:18:09 - cmdstanpy - INFO - Chain [1] done processing
01:18:10 - cmdstanpy - INFO - Chain [1] start processing
01:18:10 - cmdstanpy - INFO - Chain [1] done processing
01:18:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:10 - cmdstanpy - INFO - Chain [1] start processing
01:18:10 - cmdstanpy - INFO - Chain [1] done processing
01:18:10 - cmdstanpy - INFO - Chain [1] start processing
01:18:10 - cmdstanpy - INFO - Chain [1] done processing
01:18:10 - cmdstanpy - INFO - Chain [1] start processing
01:18:11 - cmdstanpy - INFO - Chain [1] done processing
01:18:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:11 - cmdstanpy - INFO - Chain [1] start processing
01:18:11 - cmdstanpy - INFO - Chain [1] done processing
01:18:11 - cmdstanpy - INFO - Chain [1] start processing
01:18:11 - cmdstanpy - INFO - Chain [1] done processing
01:18:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:11 - cmdstanpy - INFO - Chain [1] start processing
01:18:12 - cmdstanpy - INFO - Chain [1] done processing
01:18:12 - cmdstanpy - INFO - Chain [1] start processing
01:18:12 - cmdstanpy - INFO - Chain [1] done processing
01:18:12 - cmdstanpy - INFO - Chain [1] start processing
01:18:12 - cmdstanpy - INFO - Chain [1] done processing
01:18:12 - cmdstanpy - INFO - Chain [1] start processing
01:18:12 - cmdstanpy - INFO - Chain [1] done processing
01:18:13 - cmdstanpy - INFO - Chain [1] start processing
01:18:13 - cmdstanpy - INFO - Chain [1] done processing
01:18:13 - cmdstanpy - INFO - Chain [1] start processing
01:18:13 - cmdstanpy - INFO - Chain [1] done processing
01:18:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:13 - cmdstanpy - INFO - Chain [1] start processing
01:18:13 - cmdstanpy - INFO - Chain [1] done processing
01:18:14 - cmdstanpy - INFO - Chain [1] start processing
01:18:14 - cmdstanpy - INFO - Chain [1] done processing
01:18:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:14 - cmdstanpy - INFO - Chain [1] start processing
01:18:14 - cmdstanpy - INFO - Chain [1] done processing
01:18:14 - cmdstanpy - INFO - Chain [1] start processing
01:18:14 - cmdstanpy - INFO - Chain [1] done processing
01:18:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:18:15 - cmdstanpy - INFO - Chain [1] done processing
01:18:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:15 - cmdstanpy - INFO - Chain [1] start processing
01:18:15 - cmdstanpy - INFO - Chain [1] done processing
01:18:15 - cmdstanpy - INFO - Chain [1] start processing
01:18:15 - cmdstanpy - INFO - Chain [1] done processing
01:18:16 - cmdstanpy - INFO - Chain [1] start processing
01:18:16 - cmdstanpy - INFO - Chain [1] done processing
01:18:16 - cmdstanpy - INFO - Chain [1] start processing
01:18:16 - cmdstanpy - INFO - Chain [1] done processing
01:18:16 - cmdstanpy - INFO - Chain [1] start processing
01:18:16 - cmdstanpy - INFO - Chain [1] done processing
01:18:16 - cmdstanpy - INFO - Chain [1] start processing
01:18:17 - cmdstanpy - INFO - Chain [1] done processing
01:18:17 - cmdstanpy - INFO - Chain [1] start processing
01:18:17 - cmdstanpy - INFO - Chain [1] done processing
01:18:17 - cmdstanpy - INFO - Chain [1] start processing
01:18:17 - cmdstanpy - INFO - Chain [1] done processing
01:18:18 - cmdstanpy - INFO - Chain [1] start processing
01:18:18 - cmdstanpy - INFO - Chain [1] done processing
01:18:18 - cmdstanpy - INFO - Chain [1] start processing
01:18:18 - cmdstanpy - INFO - Chain [1] done processing
01:18:18 - cmdstanpy - INFO - Chain [1] start processing
01:18:18 - cmdstanpy - INFO - Chain [1] done processing
01:18:18 - cmdstanpy - INFO - Chain [1] start processing
01:18:18 - cmdstanpy - INFO - Chain [1] done processing
01:18:19 - cmdstanpy - INFO - Chain [1] start processing
01:18:19 - cmdstanpy - INFO - Chain [1] done processing
01:18:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:19 - cmdstanpy - INFO - Chain [1] start processing
01:18:19 - cmdstanpy - INFO - Chain [1] done processing
01:18:19 - cmdstanpy - INFO - Chain [1] start processing
01:18:19 - cmdstanpy - INFO - Chain [1] done processing
01:18:20 - cmdstanpy - INFO - Chain [1] start processing
01:18:20 - cmdstanpy - INFO - Chain [1] done processing
01:18:20 - cmdstanpy - INFO - Chain [1] start processing
01:18:20 - cmdstanpy - INFO - Chain [1] done processing
01:18:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:20 - cmdstanpy - INFO - Chain [1] start processing
01:18:20 - cmdstanpy - INFO - Chain [1] done processing
01:18:20 - cmdstanpy - INFO - Chain [1] start processing
01:18:20 - cmdstanpy - INFO - Chain [1] done processing
01:18:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:20 - cmdstanpy - INFO - Chain [1] start processing
01:18:21 - cmdstanpy - INFO - Chain [1] done processing
01:18:21 - cmdstanpy - INFO - Chain [1] start processing
01:18:21 - cmdstanpy - INFO - Chain [1] done processing
01:18:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:21 - cmdstanpy - INFO - Chain [1] start processing
01:18:21 - cmdstanpy - INFO - Chain [1] done processing
01:18:22 - cmdstanpy - INFO - Chain [1] start processing
01:18:22 - cmdstanpy - INFO - Chain [1] done processing
01:18:22 - cmdstanpy - INFO - Chain [1] start processing
01:18:22 - cmdstanpy - INFO - Chain [1] done processing
01:18:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:22 - cmdstanpy - INFO - Chain [1] start processing
01:18:22 - cmdstanpy - INFO - Chain [1] done processing
01:18:23 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:18:23 - cmdstanpy - INFO - Chain [1] done processing
01:18:23 - cmdstanpy - INFO - Chain [1] start processing
01:18:23 - cmdstanpy - INFO - Chain [1] done processing
01:18:23 - cmdstanpy - INFO - Chain [1] start processing
01:18:23 - cmdstanpy - INFO - Chain [1] done processing
01:18:23 - cmdstanpy - INFO - Chain [1] start processing
01:18:24 - cmdstanpy - INFO - Chain [1] done processing
01:18:24 - cmdstanpy - INFO - Chain [1] start processing
01:18:24 - cmdstanpy - INFO - Chain [1] done processing
01:18:24 - cmdstanpy - INFO - Chain [1] start processing
01:18:24 - cmdstanpy - INFO - Chain [1] done processing
01:18:24 - cmdstanpy - INFO - Chain [1] start processing
01:18:24 - cmdstanpy - INFO - Chain [1] done processing
01:18:25 - cmdstanpy - INFO - Chain [1] start processing
01:18:25 - cmdstanpy - INFO - Chain [1] done processing
01:18:25 - cmdstanpy - INFO - Chain [1] start processing
01:18:25 - cmdstanpy - INFO - Chain [1] done processing
01:18:25 - cmdstanpy - INFO - Chain [1] start processing
01:18:25 - cmdstanpy - INFO - Chain [1] done processing
01:18:26 - cmdstanpy - INFO - Chain [1] start processing
01:18:26 - cmdstanpy - INFO - Chain [1] done processing
01:18:26 - cmdstanpy - INFO - Chain [1] start processing
01:18:26 - cmdstanpy - INFO - Chain [1] done processing
01:18:26 - cmdstanpy - INFO - Chain [1] start processing
01:18:26 - cmdstanpy - INFO - Chain [1] done processing
01:18:27 - cmdstanpy - INFO - Chain [1] start processing
01:18:27 - cmdstanpy - INFO - Chain [1] done processing
01:18:27 - cmdstanpy - INFO - Chain [1] start processing
01:18:27 - cmdstanpy - INFO - Chain [1] done processing
01:18:27 - cmdstanpy - INFO - Chain [1] start processing
01:18:27 - cmdstanpy - INFO - Chain [1] done processing
01:18:27 - cmdstanpy - INFO - Chain [1] start processing
01:18:27 - cmdstanpy - INFO - Chain [1] done processing
01:18:28 - cmdstanpy - INFO - Chain [1] start processing
01:18:28 - cmdstanpy - INFO - Chain [1] done processing
01:18:28 - cmdstanpy - INFO - Chain [1] start processing
01:18:28 - cmdstanpy - INFO - Chain [1] done processing
01:18:28 - cmdstanpy - INFO - Chain [1] start processing
01:18:28 - cmdstanpy - INFO - Chain [1] done processing
01:18:29 - cmdstanpy - INFO - Chain [1] start processing
01:18:29 - cmdstanpy - INFO - Chain [1] done processing
01:18:29 - cmdstanpy - INFO - Chain [1] start processing
01:18:29 - cmdstanpy - INFO - Chain [1] done processing
01:18:29 - cmdstanpy - INFO - Chain [1] start processing
01:18:29 - cmdstanpy - INFO - Chain [1] done processing
01:18:30 - cmdstanpy - INFO - Chain [1] start processing
01:18:30 - cmdstanpy - INFO - Chain [1] done processing
01:18:30 - cmdstanpy - INFO - Chain [1] start processing
01:18:30 - cmdstanpy - INFO - Chain [1] done processing
01:18:30 - cmdstanpy - INFO - Chain [1] start processing
01:18:30 - cmdstanpy - INFO - Chain [1] done processing
01:18:30 - cmdstanpy - INFO - Chain [1] start processing
01:18:31 - cmdstanpy - INFO - Chain [1] done processing
01:18:31 - cmdstanpy - INFO - Chain [1] start processing
01:18:31 - cmdstanpy - INFO - Chain [1] done processing
01:18:31 - cmdstanpy - INFO - Chain [1] start processing
01:18:31 - cmdstanpy - INFO - Chain [1] done processing
01:18:31 - cmdstanpy - INFO - Chain [1] start processing
01:18:31 - cmdstanpy - INFO - Chain [1] done processing
01:18:32 - cmdstanpy - INFO - Chain [1] start processing
01:18:32 - cmdstanpy - INFO - Chain [1] done processing
01:18:32 - cmdstanpy - INFO - Chain [1] start processing
01:18:32 - cmdstanpy - INFO - Chain [1] done processing
01:18:32 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:18:32 - cmdstanpy - INFO - Chain [1] done processing
01:18:33 - cmdstanpy - INFO - Chain [1] start processing
01:18:33 - cmdstanpy - INFO - Chain [1] done processing
01:18:33 - cmdstanpy - INFO - Chain [1] start processing
01:18:33 - cmdstanpy - INFO - Chain [1] done processing
01:18:33 - cmdstanpy - INFO - Chain [1] start processing
01:18:33 - cmdstanpy - INFO - Chain [1] done processing
01:18:34 - cmdstanpy - INFO - Chain [1] start processing
01:18:34 - cmdstanpy - INFO - Chain [1] done processing
01:18:34 - cmdstanpy - INFO - Chain [1] start processing
01:18:34 - cmdstanpy - INFO - Chain [1] done processing
01:18:34 - cmdstanpy - INFO - Chain [1] start processing
01:18:34 - cmdstanpy - INFO - Chain [1] done processing
01:18:34 - cmdstanpy - INFO - Chain [1] start processing
01:18:35 - cmdstanpy - INFO - Chain [1] done processing
01:18:35 - cmdstanpy - INFO - Chain [1] start processing
01:18:35 - cmdstanpy - INFO - Chain [1] done processing
01:18:35 - cmdstanpy - INFO - Chain [1] start processing
01:18:35 - cmdstanpy - INFO - Chain [1] done processing
01:18:35 - cmdstanpy - INFO - Chain [1] start processing
01:18:36 - cmdstanpy - INFO - Chain [1] done processing
01:18:36 - cmdstanpy - INFO - Chain [1] start processing
01:18:36 - cmdstanpy - INFO - Chain [1] done processing
01:18:36 - cmdstanpy - INFO - Chain [1] start processing
01:18:36 - cmdstanpy - INFO - Chain [1] done processing
01:18:36 - cmdstanpy - INFO - Chain [1] start processing
01:18:36 - cmdstanpy - INFO - Chain [1] done processing
01:18:37 - cmdstanpy - INFO - Chain [1] start processing
01:18:37 - cmdstanpy - INFO - Chain [1] done processing
01:18:37 - cmdstanpy - INFO - Chain [1] start processing
01:18:37 - cmdstanpy - INFO - Chain [1] done processing
01:18:38 - cmdstanpy - INFO - Chain [1] start processing
01:18:38 - cmdstanpy - INFO - Chain [1] done processing
01:18:38 - cmdstanpy - INFO - Chain [1] start processing
01:18:38 - cmdstanpy - INFO - Chain [1] done processing
01:18:38 - cmdstanpy - INFO - Chain [1] start processing
01:18:38 - cmdstanpy - INFO - Chain [1] done processing
01:18:39 - cmdstanpy - INFO - Chain [1] start processing
01:18:39 - cmdstanpy - INFO - Chain [1] done processing
01:18:39 - cmdstanpy - INFO - Chain [1] start processing
01:18:39 - cmdstanpy - INFO - Chain [1] done processing
01:18:40 - cmdstanpy - INFO - Chain [1] start processing
01:18:40 - cmdstanpy - INFO - Chain [1] done processing
01:18:40 - cmdstanpy - INFO - Chain [1] start processing
01:18:40 - cmdstanpy - INFO - Chain [1] done processing
01:18:40 - cmdstanpy - INFO - Chain [1] start processing
01:18:40 - cmdstanpy - INFO - Chain [1] done processing
01:18:41 - cmdstanpy - INFO - Chain [1] start processing
01:18:41 - cmdstanpy - INFO - Chain [1] done processing
01:18:41 - cmdstanpy - INFO - Chain [1] start processing
01:18:41 - cmdstanpy - INFO - Chain [1] done processing
01:18:41 - cmdstanpy - INFO - Chain [1] start processing
01:18:41 - cmdstanpy - INFO - Chain [1] done processing
01:18:42 - cmdstanpy - INFO - Chain [1] start processing
01:18:42 - cmdstanpy - INFO - Chain [1] done processing
01:18:42 - cmdstanpy - INFO - Chain [1] start processing
01:18:42 - cmdstanpy - INFO - Chain [1] done processing
01:18:43 - cmdstanpy - INFO - Chain [1] start processing
01:18:43 - cmdstanpy - INFO - Chain [1] done processing
01:18:43 - cmdstanpy - INFO - Chain [1] start processing
01:18:43 - cmdstanpy - INFO - Chain [1] done processing
01:18:43 - cmdstanpy - INFO - Chain [1] start processing
01:18:43 - cmdstanpy - INFO - Chain [1] done processing
01:18:44 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:18:44 - cmdstanpy - INFO - Chain [1] done processing
01:18:44 - cmdstanpy - INFO - Chain [1] start processing
01:18:44 - cmdstanpy - INFO - Chain [1] done processing
01:18:44 - cmdstanpy - INFO - Chain [1] start processing
01:18:44 - cmdstanpy - INFO - Chain [1] done processing
01:18:45 - cmdstanpy - INFO - Chain [1] start processing
01:18:45 - cmdstanpy - INFO - Chain [1] done processing
01:18:45 - cmdstanpy - INFO - Chain [1] start processing
01:18:45 - cmdstanpy - INFO - Chain [1] done processing
01:18:45 - cmdstanpy - INFO - Chain [1] start processing
01:18:45 - cmdstanpy - INFO - Chain [1] done processing
01:18:46 - cmdstanpy - INFO - Chain [1] start processing
01:18:46 - cmdstanpy - INFO - Chain [1] done processing
01:18:46 - cmdstanpy - INFO - Chain [1] start processing
01:18:46 - cmdstanpy - INFO - Chain [1] done processing
01:18:47 - cmdstanpy - INFO - Chain [1] start processing
01:18:47 - cmdstanpy - INFO - Chain [1] done processing
01:18:47 - cmdstanpy - INFO - Chain [1] start processing
01:18:47 - cmdstanpy - INFO - Chain [1] done processing
01:18:47 - cmdstanpy - INFO - Chain [1] start processing
01:18:47 - cmdstanpy - INFO - Chain [1] done processing
01:18:48 - cmdstanpy - INFO - Chain [1] start processing
01:18:48 - cmdstanpy - INFO - Chain [1] done processing
01:18:48 - cmdstanpy - INFO - Chain [1] start processing
01:18:48 - cmdstanpy - INFO - Chain [1] done processing
01:18:48 - cmdstanpy - INFO - Chain [1] start processing
01:18:48 - cmdstanpy - INFO - Chain [1] done processing
01:18:49 - cmdstanpy - INFO - Chain [1] start processing
01:18:49 - cmdstanpy - INFO - Chain [1] done processing
01:18:49 - cmdstanpy - INFO - Chain [1] start processing
01:18:49 - cmdstanpy - INFO - Chain [1] done processing
01:18:49 - cmdstanpy - INFO - Chain [1] start processing
01:18:50 - cmdstanpy - INFO - Chain [1] done processing
01:18:50 - cmdstanpy - INFO - Chain [1] start processing
01:18:50 - cmdstanpy - INFO - Chain [1] done processing
01:18:50 - cmdstanpy - INFO - Chain [1] start processing
01:18:50 - cmdstanpy - INFO - Chain [1] done processing
01:18:51 - cmdstanpy - INFO - Chain [1] start processing
01:18:51 - cmdstanpy - INFO - Chain [1] done processing
01:18:51 - cmdstanpy - INFO - Chain [1] start processing
01:18:51 - cmdstanpy - INFO - Chain [1] done processing
01:18:51 - cmdstanpy - INFO - Chain [1] start processing
01:18:51 - cmdstanpy - INFO - Chain [1] done processing
01:18:51 - cmdstanpy - INFO - Chain [1] start processing
01:18:51 - cmdstanpy - INFO - Chain [1] done processing
01:18:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:52 - cmdstanpy - INFO - Chain [1] start processing
01:18:52 - cmdstanpy - INFO - Chain [1] done processing
01:18:52 - cmdstanpy - INFO - Chain [1] start processing
01:18:52 - cmdstanpy - INFO - Chain [1] done processing
01:18:52 - cmdstanpy - INFO - Chain [1] start processing
01:18:52 - cmdstanpy - INFO - Chain [1] done processing
01:18:53 - cmdstanpy - INFO - Chain [1] start processing
01:18:53 - cmdstanpy - INFO - Chain [1] done processing
01:18:53 - cmdstanpy - INFO - Chain [1] start processing
01:18:53 - cmdstanpy - INFO - Chain [1] done processing
01:18:53 - cmdstanpy - INFO - Chain [1] start processing
01:18:53 - cmdstanpy - INFO - Chain [1] done processing
01:18:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:53 - cmdstanpy - INFO - Chain [1] start processing
01:18:53 - cmdstanpy - INFO - Chain [1] done processing
01:18:54 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:18:54 - cmdstanpy - INFO - Chain [1] done processing
01:18:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:54 - cmdstanpy - INFO - Chain [1] start processing
01:18:54 - cmdstanpy - INFO - Chain [1] done processing
01:18:54 - cmdstanpy - INFO - Chain [1] start processing
01:18:54 - cmdstanpy - INFO - Chain [1] done processing
01:18:55 - cmdstanpy - INFO - Chain [1] start processing
01:18:55 - cmdstanpy - INFO - Chain [1] done processing
01:18:55 - cmdstanpy - INFO - Chain [1] start processing
01:18:55 - cmdstanpy - INFO - Chain [1] done processing
01:18:55 - cmdstanpy - INFO - Chain [1] start processing
01:18:56 - cmdstanpy - INFO - Chain [1] done processing
01:18:56 - cmdstanpy - INFO - Chain [1] start processing
01:18:56 - cmdstanpy - INFO - Chain [1] done processing
01:18:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:56 - cmdstanpy - INFO - Chain [1] start processing
01:18:56 - cmdstanpy - INFO - Chain [1] done processing
01:18:56 - cmdstanpy - INFO - Chain [1] start processing
01:18:56 - cmdstanpy - INFO - Chain [1] done processing
01:18:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:56 - cmdstanpy - INFO - Chain [1] start processing
01:18:57 - cmdstanpy - INFO - Chain [1] done processing
01:18:57 - cmdstanpy - INFO - Chain [1] start processing
01:18:57 - cmdstanpy - INFO - Chain [1] done processing
01:18:57 - cmdstanpy - INFO - Chain [1] start processing
01:18:57 - cmdstanpy - INFO - Chain [1] done processing
01:18:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:57 - cmdstanpy - INFO - Chain [1] start processing
01:18:58 - cmdstanpy - INFO - Chain [1] done processing
01:18:58 - cmdstanpy - INFO - Chain [1] start processing
01:18:58 - cmdstanpy - INFO - Chain [1] done processing
01:18:58 - cmdstanpy - INFO - Chain [1] start processing
01:18:58 - cmdstanpy - INFO - Chain [1] done processing
01:18:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:18:58 - cmdstanpy - INFO - Chain [1] start processing
01:18:58 - cmdstanpy - INFO - Chain [1] done processing
01:18:59 - cmdstanpy - INFO - Chain [1] start processing
01:18:59 - cmdstanpy - INFO - Chain [1] done processing
01:18:59 - cmdstanpy - INFO - Chain [1] start processing
01:18:59 - cmdstanpy - INFO - Chain [1] done processing
01:18:59 - cmdstanpy - INFO - Chain [1] start processing
01:18:59 - cmdstanpy - INFO - Chain [1] done processing
01:19:00 - cmdstanpy - INFO - Chain [1] start processing
01:19:00 - cmdstanpy - INFO - Chain [1] done processing
01:19:00 - cmdstanpy - INFO - Chain [1] start processing
01:19:00 - cmdstanpy - INFO - Chain [1] done processing
01:19:00 - cmdstanpy - INFO - Chain [1] start processing
01:19:00 - cmdstanpy - INFO - Chain [1] done processing
01:19:01 - cmdstanpy - INFO - Chain [1] start processing
01:19:01 - cmdstanpy - INFO - Chain [1] done processing
01:19:01 - cmdstanpy - INFO - Chain [1] start processing
01:19:01 - cmdstanpy - INFO - Chain [1] done processing
01:19:01 - cmdstanpy - INFO - Chain [1] start processing
01:19:01 - cmdstanpy - INFO - Chain [1] done processing
01:19:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:01 - cmdstanpy - INFO - Chain [1] start processing
01:19:02 - cmdstanpy - INFO - Chain [1] done processing
01:19:02 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:19:02 - cmdstanpy - INFO - Chain [1] done processing
01:19:02 - cmdstanpy - INFO - Chain [1] start processing
01:19:02 - cmdstanpy - INFO - Chain [1] done processing
01:19:03 - cmdstanpy - INFO - Chain [1] start processing
01:19:03 - cmdstanpy - INFO - Chain [1] done processing
01:19:03 - cmdstanpy - INFO - Chain [1] start processing
01:19:03 - cmdstanpy - INFO - Chain [1] done processing
01:19:03 - cmdstanpy - INFO - Chain [1] start processing
01:19:03 - cmdstanpy - INFO - Chain [1] done processing
01:19:04 - cmdstanpy - INFO - Chain [1] start processing
01:19:04 - cmdstanpy - INFO - Chain [1] done processing
01:19:04 - cmdstanpy - INFO - Chain [1] start processing
01:19:04 - cmdstanpy - INFO - Chain [1] done processing
01:19:04 - cmdstanpy - INFO - Chain [1] start processing
01:19:04 - cmdstanpy - INFO - Chain [1] done processing
01:19:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:04 - cmdstanpy - INFO - Chain [1] start processing
01:19:05 - cmdstanpy - INFO - Chain [1] done processing
01:19:05 - cmdstanpy - INFO - Chain [1] start processing
01:19:05 - cmdstanpy - INFO - Chain [1] done processing
01:19:05 - cmdstanpy - INFO - Chain [1] start processing
01:19:05 - cmdstanpy - INFO - Chain [1] done processing
01:19:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:05 - cmdstanpy - INFO - Chain [1] start processing
01:19:05 - cmdstanpy - INFO - Chain [1] done processing
01:19:06 - cmdstanpy - INFO - Chain [1] start processing
01:19:06 - cmdstanpy - INFO - Chain [1] done processing
01:19:06 - cmdstanpy - INFO - Chain [1] start processing
01:19:06 - cmdstanpy - INFO - Chain [1] done processing
01:19:06 - cmdstanpy - INFO - Chain [1] start processing
01:19:06 - cmdstanpy - INFO - Chain [1] done processing
01:19:07 - cmdstanpy - INFO - Chain [1] start processing
01:19:07 - cmdstanpy - INFO - Chain [1] done processing
01:19:07 - cmdstanpy - INFO - Chain [1] start processing
01:19:07 - cmdstanpy - INFO - Chain [1] done processing
01:19:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:07 - cmdstanpy - INFO - Chain [1] start processing
01:19:07 - cmdstanpy - INFO - Chain [1] done processing
01:19:08 - cmdstanpy - INFO - Chain [1] start processing
01:19:08 - cmdstanpy - INFO - Chain [1] done processing
01:19:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:08 - cmdstanpy - INFO - Chain [1] start processing
01:19:08 - cmdstanpy - INFO - Chain [1] done processing
01:19:08 - cmdstanpy - INFO - Chain [1] start processing
01:19:08 - cmdstanpy - INFO - Chain [1] done processing
01:19:08 - cmdstanpy - INFO - Chain [1] start processing
01:19:09 - cmdstanpy - INFO - Chain [1] done processing
01:19:09 - cmdstanpy - INFO - Chain [1] start processing
01:19:09 - cmdstanpy - INFO - Chain [1] done processing
01:19:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:09 - cmdstanpy - INFO - Chain [1] start processing
01:19:09 - cmdstanpy - INFO - Chain [1] done processing
01:19:09 - cmdstanpy - INFO - Chain [1] start processing
01:19:09 - cmdstanpy - INFO - Chain [1] done processing
01:19:10 - cmdstanpy - INFO - Chain [1] start processing
01:19:10 - cmdstanpy - INFO - Chain [1] done processing
01:19:10 - cmdstanpy - INFO - Chain [1] start processing
01:19:10 - cmdstanpy - INFO - Chain [1] done processing
01:19:10 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:19:10 - cmdstanpy - INFO - Chain [1] done processing
01:19:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:10 - cmdstanpy - INFO - Chain [1] start processing
01:19:11 - cmdstanpy - INFO - Chain [1] done processing
01:19:11 - cmdstanpy - INFO - Chain [1] start processing
01:19:11 - cmdstanpy - INFO - Chain [1] done processing
01:19:11 - cmdstanpy - INFO - Chain [1] start processing
01:19:11 - cmdstanpy - INFO - Chain [1] done processing
01:19:12 - cmdstanpy - INFO - Chain [1] start processing
01:19:12 - cmdstanpy - INFO - Chain [1] done processing
01:19:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:12 - cmdstanpy - INFO - Chain [1] start processing
01:19:12 - cmdstanpy - INFO - Chain [1] done processing
01:19:12 - cmdstanpy - INFO - Chain [1] start processing
01:19:12 - cmdstanpy - INFO - Chain [1] done processing
01:19:12 - cmdstanpy - INFO - Chain [1] start processing
01:19:12 - cmdstanpy - INFO - Chain [1] done processing
01:19:13 - cmdstanpy - INFO - Chain [1] start processing
01:19:13 - cmdstanpy - INFO - Chain [1] done processing
01:19:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:13 - cmdstanpy - INFO - Chain [1] start processing
01:19:13 - cmdstanpy - INFO - Chain [1] done processing
01:19:13 - cmdstanpy - INFO - Chain [1] start processing
01:19:13 - cmdstanpy - INFO - Chain [1] done processing
01:19:14 - cmdstanpy - INFO - Chain [1] start processing
01:19:14 - cmdstanpy - INFO - Chain [1] done processing
01:19:14 - cmdstanpy - INFO - Chain [1] start processing
01:19:14 - cmdstanpy - INFO - Chain [1] done processing
01:19:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:14 - cmdstanpy - INFO - Chain [1] start processing
01:19:14 - cmdstanpy - INFO - Chain [1] done processing
01:19:15 - cmdstanpy - INFO - Chain [1] start processing
01:19:15 - cmdstanpy - INFO - Chain [1] done processing
01:19:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:15 - cmdstanpy - INFO - Chain [1] start processing
01:19:15 - cmdstanpy - INFO - Chain [1] done processing
01:19:15 - cmdstanpy - INFO - Chain [1] start processing
01:19:15 - cmdstanpy - INFO - Chain [1] done processing
01:19:15 - cmdstanpy - INFO - Chain [1] start processing
01:19:15 - cmdstanpy - INFO - Chain [1] done processing
01:19:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:15 - cmdstanpy - INFO - Chain [1] start processing
01:19:16 - cmdstanpy - INFO - Chain [1] done processing
01:19:16 - cmdstanpy - INFO - Chain [1] start processing
01:19:16 - cmdstanpy - INFO - Chain [1] done processing
01:19:16 - cmdstanpy - INFO - Chain [1] start processing
01:19:16 - cmdstanpy - INFO - Chain [1] done processing
01:19:17 - cmdstanpy - INFO - Chain [1] start processing
01:19:17 - cmdstanpy - INFO - Chain [1] done processing
01:19:17 - cmdstanpy - INFO - Chain [1] start processing
01:19:17 - cmdstanpy - INFO - Chain [1] done processing
01:19:17 - cmdstanpy - INFO - Chain [1] start processing
01:19:17 - cmdstanpy - INFO - Chain [1] done processing
01:19:18 - cmdstanpy - INFO - Chain [1] start processing
01:19:18 - cmdstanpy - INFO - Chain [1] done processing
01:19:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:19:18 - cmdstanpy - INFO - Chain [1] done processing
01:19:18 - cmdstanpy - INFO - Chain [1] start processing
01:19:18 - cmdstanpy - INFO - Chain [1] done processing
01:19:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:18 - cmdstanpy - INFO - Chain [1] start processing
01:19:18 - cmdstanpy - INFO - Chain [1] done processing
01:19:19 - cmdstanpy - INFO - Chain [1] start processing
01:19:19 - cmdstanpy - INFO - Chain [1] done processing
01:19:19 - cmdstanpy - INFO - Chain [1] start processing
01:19:19 - cmdstanpy - INFO - Chain [1] done processing
01:19:19 - cmdstanpy - INFO - Chain [1] start processing
01:19:19 - cmdstanpy - INFO - Chain [1] done processing
01:19:20 - cmdstanpy - INFO - Chain [1] start processing
01:19:20 - cmdstanpy - INFO - Chain [1] done processing
01:19:20 - cmdstanpy - INFO - Chain [1] start processing
01:19:20 - cmdstanpy - INFO - Chain [1] done processing
01:19:20 - cmdstanpy - INFO - Chain [1] start processing
01:19:20 - cmdstanpy - INFO - Chain [1] done processing
01:19:20 - cmdstanpy - INFO - Chain [1] start processing
01:19:20 - cmdstanpy - INFO - Chain [1] done processing
01:19:21 - cmdstanpy - INFO - Chain [1] start processing
01:19:21 - cmdstanpy - INFO - Chain [1] done processing
01:19:21 - cmdstanpy - INFO - Chain [1] start processing
01:19:21 - cmdstanpy - INFO - Chain [1] done processing
01:19:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:21 - cmdstanpy - INFO - Chain [1] start processing
01:19:21 - cmdstanpy - INFO - Chain [1] done processing
01:19:22 - cmdstanpy - INFO - Chain [1] start processing
01:19:22 - cmdstanpy - INFO - Chain [1] done processing
01:19:22 - cmdstanpy - INFO - Chain [1] start processing
01:19:22 - cmdstanpy - INFO - Chain [1] done processing
01:19:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:22 - cmdstanpy - INFO - Chain [1] start processing
01:19:22 - cmdstanpy - INFO - Chain [1] done processing
01:19:22 - cmdstanpy - INFO - Chain [1] start processing
01:19:23 - cmdstanpy - INFO - Chain [1] done processing
01:19:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:23 - cmdstanpy - INFO - Chain [1] start processing
01:19:23 - cmdstanpy - INFO - Chain [1] done processing
01:19:23 - cmdstanpy - INFO - Chain [1] start processing
01:19:23 - cmdstanpy - INFO - Chain [1] done processing
01:19:23 - cmdstanpy - INFO - Chain [1] start processing
01:19:23 - cmdstanpy - INFO - Chain [1] done processing
01:19:24 - cmdstanpy - INFO - Chain [1] start processing
01:19:24 - cmdstanpy - INFO - Chain [1] done processing
01:19:24 - cmdstanpy - INFO - Chain [1] start processing
01:19:24 - cmdstanpy - INFO - Chain [1] done processing
01:19:24 - cmdstanpy - INFO - Chain [1] start processing
01:19:24 - cmdstanpy - INFO - Chain [1] done processing
01:19:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:25 - cmdstanpy - INFO - Chain [1] start processing
01:19:25 - cmdstanpy - INFO - Chain [1] done processing
01:19:25 - cmdstanpy - INFO - Chain [1] start processing
01:19:25 - cmdstanpy - INFO - Chain [1] done processing
01:19:25 - cmdstanpy - INFO - Chain [1] start processing
01:19:25 - cmdstanpy - INFO - Chain [1] done processing
01:19:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:19:26 - cmdstanpy - INFO - Chain [1] done processing
01:19:26 - cmdstanpy - INFO - Chain [1] start processing
01:19:26 - cmdstanpy - INFO - Chain [1] done processing
01:19:26 - cmdstanpy - INFO - Chain [1] start processing
01:19:26 - cmdstanpy - INFO - Chain [1] done processing
01:19:27 - cmdstanpy - INFO - Chain [1] start processing
01:19:27 - cmdstanpy - INFO - Chain [1] done processing
01:19:27 - cmdstanpy - INFO - Chain [1] start processing
01:19:27 - cmdstanpy - INFO - Chain [1] done processing
01:19:27 - cmdstanpy - INFO - Chain [1] start processing
01:19:27 - cmdstanpy - INFO - Chain [1] done processing
01:19:28 - cmdstanpy - INFO - Chain [1] start processing
01:19:28 - cmdstanpy - INFO - Chain [1] done processing
01:19:28 - cmdstanpy - INFO - Chain [1] start processing
01:19:28 - cmdstanpy - INFO - Chain [1] done processing
01:19:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:28 - cmdstanpy - INFO - Chain [1] start processing
01:19:28 - cmdstanpy - INFO - Chain [1] done processing
01:19:29 - cmdstanpy - INFO - Chain [1] start processing
01:19:29 - cmdstanpy - INFO - Chain [1] done processing
01:19:29 - cmdstanpy - INFO - Chain [1] start processing
01:19:29 - cmdstanpy - INFO - Chain [1] done processing
01:19:29 - cmdstanpy - INFO - Chain [1] start processing
01:19:29 - cmdstanpy - INFO - Chain [1] done processing
01:19:30 - cmdstanpy - INFO - Chain [1] start processing
01:19:30 - cmdstanpy - INFO - Chain [1] done processing
01:19:30 - cmdstanpy - INFO - Chain [1] start processing
01:19:30 - cmdstanpy - INFO - Chain [1] done processing
01:19:30 - cmdstanpy - INFO - Chain [1] start processing
01:19:30 - cmdstanpy - INFO - Chain [1] done processing
01:19:31 - cmdstanpy - INFO - Chain [1] start processing
01:19:31 - cmdstanpy - INFO - Chain [1] done processing
01:19:31 - cmdstanpy - INFO - Chain [1] start processing
01:19:31 - cmdstanpy - INFO - Chain [1] done processing
01:19:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:31 - cmdstanpy - INFO - Chain [1] start processing
01:19:31 - cmdstanpy - INFO - Chain [1] done processing
01:19:31 - cmdstanpy - INFO - Chain [1] start processing
01:19:31 - cmdstanpy - INFO - Chain [1] done processing
01:19:32 - cmdstanpy - INFO - Chain [1] start processing
01:19:32 - cmdstanpy - INFO - Chain [1] done processing
01:19:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:32 - cmdstanpy - INFO - Chain [1] start processing
01:19:32 - cmdstanpy - INFO - Chain [1] done processing
01:19:32 - cmdstanpy - INFO - Chain [1] start processing
01:19:32 - cmdstanpy - INFO - Chain [1] done processing
01:19:33 - cmdstanpy - INFO - Chain [1] start processing
01:19:33 - cmdstanpy - INFO - Chain [1] done processing
01:19:33 - cmdstanpy - INFO - Chain [1] start processing
01:19:33 - cmdstanpy - INFO - Chain [1] done processing
01:19:33 - cmdstanpy - INFO - Chain [1] start processing
01:19:33 - cmdstanpy - INFO - Chain [1] done processing
01:19:34 - cmdstanpy - INFO - Chain [1] start processing
01:19:34 - cmdstanpy - INFO - Chain [1] done processing
01:19:34 - cmdstanpy - INFO - Chain [1] start processing
01:19:34 - cmdstanpy - INFO - Chain [1] done processing
01:19:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:34 - cmdstanpy - INFO - Chain [1] start processing
01:19:34 - cmdstanpy - INFO - Chain [1] done processing
01:19:35 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:19:35 - cmdstanpy - INFO - Chain [1] done processing
01:19:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:35 - cmdstanpy - INFO - Chain [1] start processing
01:19:35 - cmdstanpy - INFO - Chain [1] done processing
01:19:35 - cmdstanpy - INFO - Chain [1] start processing
01:19:35 - cmdstanpy - INFO - Chain [1] done processing
01:19:35 - cmdstanpy - INFO - Chain [1] start processing
01:19:36 - cmdstanpy - INFO - Chain [1] done processing
01:19:36 - cmdstanpy - INFO - Chain [1] start processing
01:19:36 - cmdstanpy - INFO - Chain [1] done processing
01:19:36 - cmdstanpy - INFO - Chain [1] start processing
01:19:36 - cmdstanpy - INFO - Chain [1] done processing
01:19:36 - cmdstanpy - INFO - Chain [1] start processing
01:19:37 - cmdstanpy - INFO - Chain [1] done processing
01:19:37 - cmdstanpy - INFO - Chain [1] start processing
01:19:37 - cmdstanpy - INFO - Chain [1] done processing
01:19:37 - cmdstanpy - INFO - Chain [1] start processing
01:19:37 - cmdstanpy - INFO - Chain [1] done processing
01:19:37 - cmdstanpy - INFO - Chain [1] start processing
01:19:37 - cmdstanpy - INFO - Chain [1] done processing
01:19:38 - cmdstanpy - INFO - Chain [1] start processing
01:19:38 - cmdstanpy - INFO - Chain [1] done processing
01:19:38 - cmdstanpy - INFO - Chain [1] start processing
01:19:38 - cmdstanpy - INFO - Chain [1] done processing
01:19:38 - cmdstanpy - INFO - Chain [1] start processing
01:19:39 - cmdstanpy - INFO - Chain [1] done processing
01:19:39 - cmdstanpy - INFO - Chain [1] start processing
01:19:39 - cmdstanpy - INFO - Chain [1] done processing
01:19:40 - cmdstanpy - INFO - Chain [1] start processing
01:19:40 - cmdstanpy - INFO - Chain [1] done processing
01:19:40 - cmdstanpy - INFO - Chain [1] start processing
01:19:40 - cmdstanpy - INFO - Chain [1] done processing
01:19:41 - cmdstanpy - INFO - Chain [1] start processing
01:19:41 - cmdstanpy - INFO - Chain [1] done processing
01:19:41 - cmdstanpy - INFO - Chain [1] start processing
01:19:41 - cmdstanpy - INFO - Chain [1] done processing
01:19:42 - cmdstanpy - INFO - Chain [1] start processing
01:19:42 - cmdstanpy - INFO - Chain [1] done processing
01:19:42 - cmdstanpy - INFO - Chain [1] start processing
01:19:42 - cmdstanpy - INFO - Chain [1] done processing
01:19:43 - cmdstanpy - INFO - Chain [1] start processing
01:19:43 - cmdstanpy - INFO - Chain [1] done processing
01:19:44 - cmdstanpy - INFO - Chain [1] start processing
01:19:44 - cmdstanpy - INFO - Chain [1] done processing
01:19:44 - cmdstanpy - INFO - Chain [1] start processing
01:19:44 - cmdstanpy - INFO - Chain [1] done processing
01:19:44 - cmdstanpy - INFO - Chain [1] start processing
01:19:44 - cmdstanpy - INFO - Chain [1] done processing
01:19:45 - cmdstanpy - INFO - Chain [1] start processing
01:19:45 - cmdstanpy - INFO - Chain [1] done processing
01:19:45 - cmdstanpy - INFO - Chain [1] start processing
01:19:45 - cmdstanpy - INFO - Chain [1] done processing
01:19:46 - cmdstanpy - INFO - Chain [1] start processing
01:19:46 - cmdstanpy - INFO - Chain [1] done processing
01:19:46 - cmdstanpy - INFO - Chain [1] start processing
01:19:46 - cmdstanpy - INFO - Chain [1] done processing
01:19:47 - cmdstanpy - INFO - Chain [1] start processing
01:19:47 - cmdstanpy - INFO - Chain [1] done processing
```

01:19:47 - cmdstanpy - INFO - Chain [1] start processing 01:19:47 - cmdstanpy - INFO - Chain [1] done processing 01:19:48 - cmdstanpy - INFO - Chain [1] start processing 01:19:48 - cmdstanpy - INFO - Chain [1] done processing 01:19:48 - cmdstanpy - INFO - Chain [1] start processing

```
01:19:48 - cmdstanpy - INFO - Chain [1] done processing
01:19:48 - cmdstanpy - INFO - Chain [1] start processing
01:19:48 - cmdstanpy - INFO - Chain [1] done processing
01:19:49 - cmdstanpy - INFO - Chain [1] start processing
01:19:49 - cmdstanpy - INFO - Chain [1] done processing
01:19:49 - cmdstanpy - INFO - Chain [1] start processing
01:19:49 - cmdstanpy - INFO - Chain [1] done processing
01:19:50 - cmdstanpy - INFO - Chain [1] start processing
01:19:50 - cmdstanpy - INFO - Chain [1] done processing
01:19:50 - cmdstanpy - INFO - Chain [1] start processing
01:19:50 - cmdstanpy - INFO - Chain [1] done processing
01:19:50 - cmdstanpy - INFO - Chain [1] start processing
01:19:50 - cmdstanpy - INFO - Chain [1] done processing
01:19:51 - cmdstanpy - INFO - Chain [1] start processing
01:19:51 - cmdstanpy - INFO - Chain [1] done processing
01:19:51 - cmdstanpy - INFO - Chain [1] start processing
01:19:51 - cmdstanpy - INFO - Chain [1] done processing
01:19:52 - cmdstanpy - INFO - Chain [1] start processing
01:19:52 - cmdstanpy - INFO - Chain [1] done processing
01:19:52 - cmdstanpy - INFO - Chain [1] start processing
01:19:52 - cmdstanpy - INFO - Chain [1] done processing
01:19:53 - cmdstanpy - INFO - Chain [1] start processing
01:19:53 - cmdstanpy - INFO - Chain [1] done processing
01:19:53 - cmdstanpy - INFO - Chain [1] start processing
01:19:53 - cmdstanpy - INFO - Chain [1] done processing
01:19:54 - cmdstanpy - INFO - Chain [1] start processing
01:19:54 - cmdstanpy - INFO - Chain [1] done processing
01:19:54 - cmdstanpy - INFO - Chain [1] start processing
01:19:54 - cmdstanpy - INFO - Chain [1] done processing
01:19:54 - cmdstanpy - INFO - Chain [1] start processing
01:19:55 - cmdstanpy - INFO - Chain [1] done processing
01:19:55 - cmdstanpy - INFO - Chain [1] start processing
01:19:55 - cmdstanpy - INFO - Chain [1] done processing
01:19:56 - cmdstanpy - INFO - Chain [1] start processing
01:19:56 - cmdstanpy - INFO - Chain [1] done processing
01:19:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:19:56 - cmdstanpy - INFO - Chain [1] start processing
01:19:56 - cmdstanpy - INFO - Chain [1] done processing
01:19:56 - cmdstanpy - INFO - Chain [1] start processing
01:19:56 - cmdstanpy - INFO - Chain [1] done processing
01:19:57 - cmdstanpy - INFO - Chain [1] start processing
01:19:57 - cmdstanpy - INFO - Chain [1] done processing
01:19:57 - cmdstanpy - INFO - Chain [1] start processing
01:19:57 - cmdstanpy - INFO - Chain [1] done processing
01:19:58 - cmdstanpy - INFO - Chain [1] start processing
01:19:58 - cmdstanpy - INFO - Chain [1] done processing
01:19:58 - cmdstanpy - INFO - Chain [1] start processing
01:19:58 - cmdstanpy - INFO - Chain [1] done processing
01:19:58 - cmdstanpy - INFO - Chain [1] start processing
01:19:58 - cmdstanpy - INFO - Chain [1] done processing
01:19:59 - cmdstanpy - INFO - Chain [1] start processing
01:19:59 - cmdstanpy - INFO - Chain [1] done processing
01:19:59 - cmdstanpy - INFO - Chain [1] start processing
01:19:59 - cmdstanpy - INFO - Chain [1] done processing
01:20:00 - cmdstanpy - INFO - Chain [1] start processing
01:20:00 - cmdstanpy - INFO - Chain [1] done processing
01:20:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:00 - cmdstanpy - INFO - Chain [1] start processing
01:20:00 - cmdstanpy - INFO - Chain [1] done processing
01:20:00 - cmdstanpy - INFO - Chain [1] start processing
01:20:00 - cmdstanpy - INFO - Chain [1] done processing
01:20:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:20:01 - cmdstanpy - INFO - Chain [1] done processing
01:20:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:01 - cmdstanpy - INFO - Chain [1] start processing
01:20:01 - cmdstanpy - INFO - Chain [1] done processing
01:20:01 - cmdstanpy - INFO - Chain [1] start processing
01:20:01 - cmdstanpy - INFO - Chain [1] done processing
01:20:02 - cmdstanpy - INFO - Chain [1] start processing
01:20:02 - cmdstanpy - INFO - Chain [1] done processing
01:20:02 - cmdstanpy - INFO - Chain [1] start processing
01:20:02 - cmdstanpy - INFO - Chain [1] done processing
01:20:02 - cmdstanpy - INFO - Chain [1] start processing
01:20:02 - cmdstanpy - INFO - Chain [1] done processing
01:20:03 - cmdstanpy - INFO - Chain [1] start processing
01:20:03 - cmdstanpy - INFO - Chain [1] done processing
01:20:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:03 - cmdstanpy - INFO - Chain [1] start processing
01:20:03 - cmdstanpy - INFO - Chain [1] done processing
01:20:03 - cmdstanpy - INFO - Chain [1] start processing
01:20:03 - cmdstanpy - INFO - Chain [1] done processing
01:20:03 - cmdstanpy - INFO - Chain [1] start processing
01:20:03 - cmdstanpy - INFO - Chain [1] done processing
01:20:04 - cmdstanpy - INFO - Chain [1] start processing
01:20:04 - cmdstanpy - INFO - Chain [1] done processing
01:20:04 - cmdstanpy - INFO - Chain [1] start processing
01:20:04 - cmdstanpy - INFO - Chain [1] done processing
01:20:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:04 - cmdstanpy - INFO - Chain [1] start processing
01:20:04 - cmdstanpy - INFO - Chain [1] done processing
01:20:05 - cmdstanpy - INFO - Chain [1] start processing
01:20:05 - cmdstanpy - INFO - Chain [1] done processing
01:20:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:05 - cmdstanpy - INFO - Chain [1] start processing
01:20:05 - cmdstanpy - INFO - Chain [1] done processing
01:20:05 - cmdstanpy - INFO - Chain [1] start processing
01:20:05 - cmdstanpy - INFO - Chain [1] done processing
01:20:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:05 - cmdstanpy - INFO - Chain [1] start processing
01:20:05 - cmdstanpy - INFO - Chain [1] done processing
01:20:06 - cmdstanpy - INFO - Chain [1] start processing
01:20:06 - cmdstanpy - INFO - Chain [1] done processing
01:20:06 - cmdstanpy - INFO - Chain [1] start processing
01:20:06 - cmdstanpy - INFO - Chain [1] done processing
01:20:06 - cmdstanpy - INFO - Chain [1] start processing
01:20:06 - cmdstanpy - INFO - Chain [1] done processing
01:20:07 - cmdstanpy - INFO - Chain [1] start processing
01:20:07 - cmdstanpy - INFO - Chain [1] done processing
01:20:07 - cmdstanpy - INFO - Chain [1] start processing
01:20:07 - cmdstanpy - INFO - Chain [1] done processing
01:20:07 - cmdstanpy - INFO - Chain [1] start processing
01:20:07 - cmdstanpy - INFO - Chain [1] done processing
01:20:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:07 - cmdstanpy - INFO - Chain [1] start processing
01:20:07 - cmdstanpy - INFO - Chain [1] done processing
01:20:08 - cmdstanpy - INFO - Chain [1] start processing
01:20:08 - cmdstanpy - INFO - Chain [1] done processing
01:20:08 - cmdstanpy - INFO - Chain [1] start processing
01:20:08 - cmdstanpy - INFO - Chain [1] done processing
01:20:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:20:08 - cmdstanpy - INFO - Chain [1] done processing
01:20:09 - cmdstanpy - INFO - Chain [1] start processing
01:20:09 - cmdstanpy - INFO - Chain [1] done processing
01:20:09 - cmdstanpy - INFO - Chain [1] start processing
01:20:09 - cmdstanpy - INFO - Chain [1] done processing
01:20:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:09 - cmdstanpy - INFO - Chain [1] start processing
01:20:09 - cmdstanpy - INFO - Chain [1] done processing
01:20:10 - cmdstanpy - INFO - Chain [1] start processing
01:20:10 - cmdstanpy - INFO - Chain [1] done processing
01:20:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:10 - cmdstanpy - INFO - Chain [1] start processing
01:20:10 - cmdstanpy - INFO - Chain [1] done processing
01:20:10 - cmdstanpy - INFO - Chain [1] start processing
01:20:10 - cmdstanpy - INFO - Chain [1] done processing
01:20:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:10 - cmdstanpy - INFO - Chain [1] start processing
01:20:10 - cmdstanpy - INFO - Chain [1] done processing
01:20:11 - cmdstanpy - INFO - Chain [1] start processing
01:20:11 - cmdstanpy - INFO - Chain [1] done processing
01:20:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:11 - cmdstanpy - INFO - Chain [1] start processing
01:20:11 - cmdstanpy - INFO - Chain [1] done processing
01:20:11 - cmdstanpy - INFO - Chain [1] start processing
01:20:11 - cmdstanpy - INFO - Chain [1] done processing
01:20:12 - cmdstanpy - INFO - Chain [1] start processing
01:20:12 - cmdstanpy - INFO - Chain [1] done processing
01:20:12 - cmdstanpy - INFO - Chain [1] start processing
01:20:12 - cmdstanpy - INFO - Chain [1] done processing
01:20:12 - cmdstanpy - INFO - Chain [1] start processing
01:20:12 - cmdstanpy - INFO - Chain [1] done processing
01:20:13 - cmdstanpy - INFO - Chain [1] start processing
01:20:13 - cmdstanpy - INFO - Chain [1] done processing
01:20:13 - cmdstanpy - INFO - Chain [1] start processing
01:20:13 - cmdstanpy - INFO - Chain [1] done processing
01:20:13 - cmdstanpy - INFO - Chain [1] start processing
01:20:13 - cmdstanpy - INFO - Chain [1] done processing
01:20:14 - cmdstanpy - INFO - Chain [1] start processing
01:20:14 - cmdstanpy - INFO - Chain [1] done processing
01:20:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:14 - cmdstanpy - INFO - Chain [1] start processing
01:20:14 - cmdstanpy - INFO - Chain [1] done processing
01:20:14 - cmdstanpy - INFO - Chain [1] start processing
01:20:14 - cmdstanpy - INFO - Chain [1] done processing
01:20:15 - cmdstanpy - INFO - Chain [1] start processing
01:20:15 - cmdstanpy - INFO - Chain [1] done processing
01:20:15 - cmdstanpy - INFO - Chain [1] start processing
01:20:15 - cmdstanpy - INFO - Chain [1] done processing
01:20:15 - cmdstanpy - INFO - Chain [1] start processing
01:20:15 - cmdstanpy - INFO - Chain [1] done processing
01:20:16 - cmdstanpy - INFO - Chain [1] start processing
01:20:16 - cmdstanpy - INFO - Chain [1] done processing
01:20:16 - cmdstanpy - INFO - Chain [1] start processing
01:20:16 - cmdstanpy - INFO - Chain [1] done processing
01:20:16 - cmdstanpy - INFO - Chain [1] start processing
01:20:16 - cmdstanpy - INFO - Chain [1] done processing
01:20:17 - cmdstanpy - INFO - Chain [1] start processing
01:20:17 - cmdstanpy - INFO - Chain [1] done processing
01:20:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:20:17 - cmdstanpy - INFO - Chain [1] start processing
01:20:17 - cmdstanpy - INFO - Chain [1] done processing
01:20:17 - cmdstanpy - INFO - Chain [1] start processing
01:20:17 - cmdstanpy - INFO - Chain [1] done processing
01:20:18 - cmdstanpy - INFO - Chain [1] start processing
01:20:18 - cmdstanpy - INFO - Chain [1] done processing
01:20:18 - cmdstanpy - INFO - Chain [1] start processing
01:20:18 - cmdstanpy - INFO - Chain [1] done processing
01:20:18 - cmdstanpy - INFO - Chain [1] start processing
01:20:18 - cmdstanpy - INFO - Chain [1] done processing
01:20:19 - cmdstanpy - INFO - Chain [1] start processing
01:20:19 - cmdstanpy - INFO - Chain [1] done processing
01:20:19 - cmdstanpy - INFO - Chain [1] start processing
01:20:19 - cmdstanpy - INFO - Chain [1] done processing
01:20:19 - cmdstanpy - INFO - Chain [1] start processing
01:20:19 - cmdstanpy - INFO - Chain [1] done processing
01:20:20 - cmdstanpy - INFO - Chain [1] start processing
01:20:20 - cmdstanpy - INFO - Chain [1] done processing
01:20:20 - cmdstanpy - INFO - Chain [1] start processing
01:20:20 - cmdstanpy - INFO - Chain [1] done processing
01:20:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:20 - cmdstanpy - INFO - Chain [1] start processing
01:20:20 - cmdstanpy - INFO - Chain [1] done processing
01:20:20 - cmdstanpy - INFO - Chain [1] start processing
01:20:20 - cmdstanpy - INFO - Chain [1] done processing
01:20:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:20 - cmdstanpy - INFO - Chain [1] start processing
01:20:21 - cmdstanpy - INFO - Chain [1] done processing
01:20:21 - cmdstanpy - INFO - Chain [1] start processing
01:20:21 - cmdstanpy - INFO - Chain [1] done processing
01:20:21 - cmdstanpy - INFO - Chain [1] start processing
01:20:21 - cmdstanpy - INFO - Chain [1] done processing
01:20:22 - cmdstanpy - INFO - Chain [1] start processing
01:20:22 - cmdstanpy - INFO - Chain [1] done processing
01:20:22 - cmdstanpy - INFO - Chain [1] start processing
01:20:22 - cmdstanpy - INFO - Chain [1] done processing
01:20:22 - cmdstanpy - INFO - Chain [1] start processing
01:20:22 - cmdstanpy - INFO - Chain [1] done processing
01:20:23 - cmdstanpy - INFO - Chain [1] start processing
01:20:23 - cmdstanpy - INFO - Chain [1] done processing
01:20:23 - cmdstanpy - INFO - Chain [1] start processing
01:20:23 - cmdstanpy - INFO - Chain [1] done processing
01:20:23 - cmdstanpy - INFO - Chain [1] start processing
01:20:23 - cmdstanpy - INFO - Chain [1] done processing
01:20:24 - cmdstanpy - INFO - Chain [1] start processing
01:20:24 - cmdstanpy - INFO - Chain [1] done processing
01:20:24 - cmdstanpy - INFO - Chain [1] start processing
01:20:24 - cmdstanpy - INFO - Chain [1] done processing
01:20:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:24 - cmdstanpy - INFO - Chain [1] start processing
01:20:25 - cmdstanpy - INFO - Chain [1] done processing
01:20:25 - cmdstanpy - INFO - Chain [1] start processing
01:20:25 - cmdstanpy - INFO - Chain [1] done processing
01:20:25 - cmdstanpy - INFO - Chain [1] start processing
01:20:25 - cmdstanpy - INFO - Chain [1] done processing
01:20:26 - cmdstanpy - INFO - Chain [1] start processing
01:20:26 - cmdstanpy - INFO - Chain [1] done processing
01:20:26 - cmdstanpy - INFO - Chain [1] start processing
01:20:26 - cmdstanpy - INFO - Chain [1] done processing
01:20:26 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:20:26 - cmdstanpy - INFO - Chain [1] done processing
01:20:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:26 - cmdstanpy - INFO - Chain [1] start processing
01:20:26 - cmdstanpy - INFO - Chain [1] done processing
01:20:27 - cmdstanpy - INFO - Chain [1] start processing
01:20:27 - cmdstanpy - INFO - Chain [1] done processing
01:20:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:27 - cmdstanpy - INFO - Chain [1] start processing
01:20:27 - cmdstanpy - INFO - Chain [1] done processing
01:20:27 - cmdstanpy - INFO - Chain [1] start processing
01:20:27 - cmdstanpy - INFO - Chain [1] done processing
01:20:27 - cmdstanpy - INFO - Chain [1] start processing
01:20:27 - cmdstanpy - INFO - Chain [1] done processing
01:20:28 - cmdstanpy - INFO - Chain [1] start processing
01:20:28 - cmdstanpy - INFO - Chain [1] done processing
01:20:28 - cmdstanpy - INFO - Chain [1] start processing
01:20:28 - cmdstanpy - INFO - Chain [1] done processing
01:20:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:28 - cmdstanpy - INFO - Chain [1] start processing
01:20:28 - cmdstanpy - INFO - Chain [1] done processing
01:20:29 - cmdstanpy - INFO - Chain [1] start processing
01:20:29 - cmdstanpy - INFO - Chain [1] done processing
01:20:29 - cmdstanpy - INFO - Chain [1] start processing
01:20:29 - cmdstanpy - INFO - Chain [1] done processing
01:20:29 - cmdstanpy - INFO - Chain [1] start processing
01:20:29 - cmdstanpy - INFO - Chain [1] done processing
01:20:30 - cmdstanpy - INFO - Chain [1] start processing
01:20:30 - cmdstanpy - INFO - Chain [1] done processing
01:20:30 - cmdstanpy - INFO - Chain [1] start processing
01:20:30 - cmdstanpy - INFO - Chain [1] done processing
01:20:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:30 - cmdstanpy - INFO - Chain [1] start processing
01:20:30 - cmdstanpy - INFO - Chain [1] done processing
01:20:31 - cmdstanpy - INFO - Chain [1] start processing
01:20:31 - cmdstanpy - INFO - Chain [1] done processing
01:20:31 - cmdstanpy - INFO - Chain [1] start processing
01:20:31 - cmdstanpy - INFO - Chain [1] done processing
01:20:31 - cmdstanpy - INFO - Chain [1] start processing
01:20:31 - cmdstanpy - INFO - Chain [1] done processing
01:20:32 - cmdstanpy - INFO - Chain [1] start processing
01:20:32 - cmdstanpy - INFO - Chain [1] done processing
01:20:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:32 - cmdstanpy - INFO - Chain [1] start processing
01:20:32 - cmdstanpy - INFO - Chain [1] done processing
01:20:32 - cmdstanpy - INFO - Chain [1] start processing
01:20:32 - cmdstanpy - INFO - Chain [1] done processing
01:20:33 - cmdstanpy - INFO - Chain [1] start processing
01:20:33 - cmdstanpy - INFO - Chain [1] done processing
01:20:33 - cmdstanpy - INFO - Chain [1] start processing
01:20:33 - cmdstanpy - INFO - Chain [1] done processing
01:20:33 - cmdstanpy - INFO - Chain [1] start processing
01:20:33 - cmdstanpy - INFO - Chain [1] done processing
01:20:34 - cmdstanpy - INFO - Chain [1] start processing
01:20:34 - cmdstanpy - INFO - Chain [1] done processing
01:20:34 - cmdstanpy - INFO - Chain [1] start processing
01:20:34 - cmdstanpy - INFO - Chain [1] done processing
01:20:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:34 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:20:34 - cmdstanpy - INFO - Chain [1] done processing
01:20:35 - cmdstanpy - INFO - Chain [1] start processing
01:20:35 - cmdstanpy - INFO - Chain [1] done processing
01:20:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:35 - cmdstanpy - INFO - Chain [1] start processing
01:20:35 - cmdstanpy - INFO - Chain [1] done processing
01:20:35 - cmdstanpy - INFO - Chain [1] start processing
01:20:35 - cmdstanpy - INFO - Chain [1] done processing
01:20:36 - cmdstanpy - INFO - Chain [1] start processing
01:20:36 - cmdstanpy - INFO - Chain [1] done processing
01:20:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:36 - cmdstanpy - INFO - Chain [1] start processing
01:20:36 - cmdstanpy - INFO - Chain [1] done processing
01:20:36 - cmdstanpy - INFO - Chain [1] start processing
01:20:36 - cmdstanpy - INFO - Chain [1] done processing
01:20:37 - cmdstanpy - INFO - Chain [1] start processing
01:20:37 - cmdstanpy - INFO - Chain [1] done processing
01:20:37 - cmdstanpy - INFO - Chain [1] start processing
01:20:37 - cmdstanpy - INFO - Chain [1] done processing
01:20:37 - cmdstanpy - INFO - Chain [1] start processing
01:20:37 - cmdstanpy - INFO - Chain [1] done processing
01:20:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:37 - cmdstanpy - INFO - Chain [1] start processing
01:20:38 - cmdstanpy - INFO - Chain [1] done processing
01:20:38 - cmdstanpy - INFO - Chain [1] start processing
01:20:38 - cmdstanpy - INFO - Chain [1] done processing
01:20:38 - cmdstanpy - INFO - Chain [1] start processing
01:20:38 - cmdstanpy - INFO - Chain [1] done processing
01:20:39 - cmdstanpy - INFO - Chain [1] start processing
01:20:39 - cmdstanpy - INFO - Chain [1] done processing
01:20:39 - cmdstanpy - INFO - Chain [1] start processing
01:20:39 - cmdstanpy - INFO - Chain [1] done processing
01:20:39 - cmdstanpy - INFO - Chain [1] start processing
01:20:39 - cmdstanpy - INFO - Chain [1] done processing
01:20:39 - cmdstanpy - INFO - Chain [1] start processing
01:20:40 - cmdstanpy - INFO - Chain [1] done processing
01:20:40 - cmdstanpy - INFO - Chain [1] start processing
01:20:40 - cmdstanpy - INFO - Chain [1] done processing
01:20:40 - cmdstanpy - INFO - Chain [1] start processing
01:20:40 - cmdstanpy - INFO - Chain [1] done processing
01:20:40 - cmdstanpy - INFO - Chain [1] start processing
01:20:40 - cmdstanpy - INFO - Chain [1] done processing
01:20:41 - cmdstanpy - INFO - Chain [1] start processing
01:20:41 - cmdstanpy - INFO - Chain [1] done processing
01:20:41 - cmdstanpy - INFO - Chain [1] start processing
01:20:41 - cmdstanpy - INFO - Chain [1] done processing
01:20:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:41 - cmdstanpy - INFO - Chain [1] start processing
01:20:41 - cmdstanpy - INFO - Chain [1] done processing
01:20:42 - cmdstanpy - INFO - Chain [1] start processing
01:20:42 - cmdstanpy - INFO - Chain [1] done processing
01:20:42 - cmdstanpy - INFO - Chain [1] start processing
01:20:42 - cmdstanpy - INFO - Chain [1] done processing
01:20:42 - cmdstanpy - INFO - Chain [1] start processing
01:20:42 - cmdstanpy - INFO - Chain [1] done processing
01:20:42 - cmdstanpy - INFO - Chain [1] start processing
01:20:43 - cmdstanpy - INFO - Chain [1] done processing
01:20:43 - cmdstanpy - INFO - Chain [1] start processing
01:20:43 - cmdstanpy - INFO - Chain [1] done processing
01:20:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:20:43 - cmdstanpy - INFO - Chain [1] start processing
01:20:43 - cmdstanpy - INFO - Chain [1] done processing
01:20:43 - cmdstanpy - INFO - Chain [1] start processing
01:20:43 - cmdstanpy - INFO - Chain [1] done processing
01:20:44 - cmdstanpy - INFO - Chain [1] start processing
01:20:44 - cmdstanpy - INFO - Chain [1] done processing
01:20:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:44 - cmdstanpy - INFO - Chain [1] start processing
01:20:44 - cmdstanpy - INFO - Chain [1] done processing
01:20:44 - cmdstanpy - INFO - Chain [1] start processing
01:20:44 - cmdstanpy - INFO - Chain [1] done processing
01:20:44 - cmdstanpy - INFO - Chain [1] start processing
01:20:45 - cmdstanpy - INFO - Chain [1] done processing
01:20:45 - cmdstanpy - INFO - Chain [1] start processing
01:20:45 - cmdstanpy - INFO - Chain [1] done processing
01:20:45 - cmdstanpy - INFO - Chain [1] start processing
01:20:45 - cmdstanpy - INFO - Chain [1] done processing
01:20:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:45 - cmdstanpy - INFO - Chain [1] start processing
01:20:46 - cmdstanpy - INFO - Chain [1] done processing
01:20:46 - cmdstanpy - INFO - Chain [1] start processing
01:20:46 - cmdstanpy - INFO - Chain [1] done processing
01:20:46 - cmdstanpy - INFO - Chain [1] start processing
01:20:46 - cmdstanpy - INFO - Chain [1] done processing
01:20:47 - cmdstanpy - INFO - Chain [1] start processing
01:20:47 - cmdstanpy - INFO - Chain [1] done processing
01:20:47 - cmdstanpy - INFO - Chain [1] start processing
01:20:47 - cmdstanpy - INFO - Chain [1] done processing
01:20:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:47 - cmdstanpy - INFO - Chain [1] start processing
01:20:47 - cmdstanpy - INFO - Chain [1] done processing
01:20:48 - cmdstanpy - INFO - Chain [1] start processing
01:20:48 - cmdstanpy - INFO - Chain [1] done processing
01:20:48 - cmdstanpy - INFO - Chain [1] start processing
01:20:48 - cmdstanpy - INFO - Chain [1] done processing
01:20:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:48 - cmdstanpy - INFO - Chain [1] start processing
01:20:48 - cmdstanpy - INFO - Chain [1] done processing
01:20:48 - cmdstanpy - INFO - Chain [1] start processing
01:20:48 - cmdstanpy - INFO - Chain [1] done processing
01:20:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:48 - cmdstanpy - INFO - Chain [1] start processing
01:20:48 - cmdstanpy - INFO - Chain [1] done processing
01:20:49 - cmdstanpy - INFO - Chain [1] start processing
01:20:49 - cmdstanpy - INFO - Chain [1] done processing
01:20:49 - cmdstanpy - INFO - Chain [1] start processing
01:20:49 - cmdstanpy - INFO - Chain [1] done processing
01:20:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:49 - cmdstanpy - INFO - Chain [1] start processing
01:20:49 - cmdstanpy - INFO - Chain [1] done processing
01:20:50 - cmdstanpy - INFO - Chain [1] start processing
01:20:50 - cmdstanpy - INFO - Chain [1] done processing
01:20:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:50 - cmdstanpy - INFO - Chain [1] start processing
01:20:50 - cmdstanpy - INFO - Chain [1] done processing
01:20:50 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:20:50 - cmdstanpy - INFO - Chain [1] done processing
01:20:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:50 - cmdstanpy - INFO - Chain [1] start processing
01:20:50 - cmdstanpy - INFO - Chain [1] done processing
01:20:51 - cmdstanpy - INFO - Chain [1] start processing
01:20:51 - cmdstanpy - INFO - Chain [1] done processing
01:20:51 - cmdstanpy - INFO - Chain [1] start processing
01:20:51 - cmdstanpy - INFO - Chain [1] done processing
01:20:51 - cmdstanpy - INFO - Chain [1] start processing
01:20:51 - cmdstanpy - INFO - Chain [1] done processing
01:20:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:51 - cmdstanpy - INFO - Chain [1] start processing
01:20:52 - cmdstanpy - INFO - Chain [1] done processing
01:20:52 - cmdstanpy - INFO - Chain [1] start processing
01:20:52 - cmdstanpy - INFO - Chain [1] done processing
01:20:52 - cmdstanpy - INFO - Chain [1] start processing
01:20:53 - cmdstanpy - INFO - Chain [1] done processing
01:20:53 - cmdstanpy - INFO - Chain [1] start processing
01:20:53 - cmdstanpy - INFO - Chain [1] done processing
01:20:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:53 - cmdstanpy - INFO - Chain [1] start processing
01:20:53 - cmdstanpy - INFO - Chain [1] done processing
01:20:53 - cmdstanpy - INFO - Chain [1] start processing
01:20:53 - cmdstanpy - INFO - Chain [1] done processing
01:20:54 - cmdstanpy - INFO - Chain [1] start processing
01:20:54 - cmdstanpy - INFO - Chain [1] done processing
01:20:54 - cmdstanpy - INFO - Chain [1] start processing
01:20:54 - cmdstanpy - INFO - Chain [1] done processing
01:20:54 - cmdstanpy - INFO - Chain [1] start processing
01:20:54 - cmdstanpy - INFO - Chain [1] done processing
01:20:54 - cmdstanpy - INFO - Chain [1] start processing
01:20:55 - cmdstanpy - INFO - Chain [1] done processing
01:20:55 - cmdstanpy - INFO - Chain [1] start processing
01:20:55 - cmdstanpy - INFO - Chain [1] done processing
01:20:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:55 - cmdstanpy - INFO - Chain [1] start processing
01:20:55 - cmdstanpy - INFO - Chain [1] done processing
01:20:55 - cmdstanpy - INFO - Chain [1] start processing
01:20:55 - cmdstanpy - INFO - Chain [1] done processing
01:20:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:20:55 - cmdstanpy - INFO - Chain [1] start processing
01:20:55 - cmdstanpy - INFO - Chain [1] done processing
01:20:56 - cmdstanpy - INFO - Chain [1] start processing
01:20:56 - cmdstanpy - INFO - Chain [1] done processing
01:20:56 - cmdstanpy - INFO - Chain [1] start processing
01:20:56 - cmdstanpy - INFO - Chain [1] done processing
01:20:56 - cmdstanpy - INFO - Chain [1] start processing
01:20:56 - cmdstanpy - INFO - Chain [1] done processing
01:20:57 - cmdstanpy - INFO - Chain [1] start processing
01:20:57 - cmdstanpy - INFO - Chain [1] done processing
01:20:57 - cmdstanpy - INFO - Chain [1] start processing
01:20:57 - cmdstanpy - INFO - Chain [1] done processing
01:20:57 - cmdstanpy - INFO - Chain [1] start processing
01:20:57 - cmdstanpy - INFO - Chain [1] done processing
01:20:57 - cmdstanpy - INFO - Chain [1] start processing
01:20:58 - cmdstanpy - INFO - Chain [1] done processing
01:20:58 - cmdstanpy - INFO - Chain [1] start processing
01:20:58 - cmdstanpy - INFO - Chain [1] done processing
01:20:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:20:58 - cmdstanpy - INFO - Chain [1] done processing
01:20:58 - cmdstanpy - INFO - Chain [1] start processing
01:20:58 - cmdstanpy - INFO - Chain [1] done processing
01:20:59 - cmdstanpy - INFO - Chain [1] start processing
01:20:59 - cmdstanpy - INFO - Chain [1] done processing
01:20:59 - cmdstanpy - INFO - Chain [1] start processing
01:20:59 - cmdstanpy - INFO - Chain [1] done processing
01:20:59 - cmdstanpy - INFO - Chain [1] start processing
01:20:59 - cmdstanpy - INFO - Chain [1] done processing
01:20:59 - cmdstanpy - INFO - Chain [1] start processing
01:21:00 - cmdstanpy - INFO - Chain [1] done processing
01:21:00 - cmdstanpy - INFO - Chain [1] start processing
01:21:00 - cmdstanpy - INFO - Chain [1] done processing
01:21:00 - cmdstanpy - INFO - Chain [1] start processing
01:21:00 - cmdstanpy - INFO - Chain [1] done processing
01:21:00 - cmdstanpy - INFO - Chain [1] start processing
01:21:00 - cmdstanpy - INFO - Chain [1] done processing
01:21:01 - cmdstanpy - INFO - Chain [1] start processing
01:21:01 - cmdstanpy - INFO - Chain [1] done processing
01:21:01 - cmdstanpy - INFO - Chain [1] start processing
01:21:01 - cmdstanpy - INFO - Chain [1] done processing
01:21:01 - cmdstanpy - INFO - Chain [1] start processing
01:21:01 - cmdstanpy - INFO - Chain [1] done processing
01:21:01 - cmdstanpy - INFO - Chain [1] start processing
01:21:02 - cmdstanpy - INFO - Chain [1] done processing
01:21:02 - cmdstanpy - INFO - Chain [1] start processing
01:21:02 - cmdstanpy - INFO - Chain [1] done processing
01:21:02 - cmdstanpy - INFO - Chain [1] start processing
01:21:02 - cmdstanpy - INFO - Chain [1] done processing
01:21:02 - cmdstanpy - INFO - Chain [1] start processing
01:21:02 - cmdstanpy - INFO - Chain [1] done processing
01:21:03 - cmdstanpy - INFO - Chain [1] start processing
01:21:03 - cmdstanpy - INFO - Chain [1] done processing
01:21:03 - cmdstanpy - INFO - Chain [1] start processing
01:21:03 - cmdstanpy - INFO - Chain [1] done processing
01:21:03 - cmdstanpy - INFO - Chain [1] start processing
01:21:04 - cmdstanpy - INFO - Chain [1] done processing
01:21:04 - cmdstanpy - INFO - Chain [1] start processing
01:21:04 - cmdstanpy - INFO - Chain [1] done processing
01:21:04 - cmdstanpy - INFO - Chain [1] start processing
01:21:04 - cmdstanpy - INFO - Chain [1] done processing
01:21:04 - cmdstanpy - INFO - Chain [1] start processing
01:21:04 - cmdstanpy - INFO - Chain [1] done processing
01:21:05 - cmdstanpy - INFO - Chain [1] start processing
01:21:05 - cmdstanpy - INFO - Chain [1] done processing
01:21:05 - cmdstanpy - INFO - Chain [1] start processing
01:21:05 - cmdstanpy - INFO - Chain [1] done processing
01:21:05 - cmdstanpy - INFO - Chain [1] start processing
01:21:05 - cmdstanpy - INFO - Chain [1] done processing
01:21:06 - cmdstanpy - INFO - Chain [1] start processing
01:21:06 - cmdstanpy - INFO - Chain [1] done processing
01:21:06 - cmdstanpy - INFO - Chain [1] start processing
01:21:06 - cmdstanpy - INFO - Chain [1] done processing
01:21:07 - cmdstanpy - INFO - Chain [1] start processing
01:21:07 - cmdstanpy - INFO - Chain [1] done processing
01:21:07 - cmdstanpy - INFO - Chain [1] start processing
01:21:07 - cmdstanpy - INFO - Chain [1] done processing
01:21:07 - cmdstanpy - INFO - Chain [1] start processing
01:21:07 - cmdstanpy - INFO - Chain [1] done processing
01:21:08 - cmdstanpy - INFO - Chain [1] start processing
01:21:08 - cmdstanpy - INFO - Chain [1] done processing
01:21:08 - cmdstanpy - INFO - Chain [1] start processing
01:21:08 - cmdstanpy - INFO - Chain [1] done processing
01:21:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:21:08 - cmdstanpy - INFO - Chain [1] done processing
01:21:09 - cmdstanpy - INFO - Chain [1] start processing
01:21:09 - cmdstanpy - INFO - Chain [1] done processing
01:21:09 - cmdstanpy - INFO - Chain [1] start processing
01:21:09 - cmdstanpy - INFO - Chain [1] done processing
01:21:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:09 - cmdstanpy - INFO - Chain [1] start processing
01:21:10 - cmdstanpy - INFO - Chain [1] done processing
01:21:10 - cmdstanpy - INFO - Chain [1] start processing
01:21:10 - cmdstanpy - INFO - Chain [1] done processing
01:21:11 - cmdstanpy - INFO - Chain [1] start processing
01:21:11 - cmdstanpy - INFO - Chain [1] done processing
01:21:11 - cmdstanpy - INFO - Chain [1] start processing
01:21:11 - cmdstanpy - INFO - Chain [1] done processing
01:21:11 - cmdstanpy - INFO - Chain [1] start processing
01:21:11 - cmdstanpy - INFO - Chain [1] done processing
01:21:12 - cmdstanpy - INFO - Chain [1] start processing
01:21:12 - cmdstanpy - INFO - Chain [1] done processing
01:21:12 - cmdstanpy - INFO - Chain [1] start processing
01:21:12 - cmdstanpy - INFO - Chain [1] done processing
01:21:12 - cmdstanpy - INFO - Chain [1] start processing
01:21:12 - cmdstanpy - INFO - Chain [1] done processing
01:21:12 - cmdstanpy - INFO - Chain [1] start processing
01:21:13 - cmdstanpy - INFO - Chain [1] done processing
01:21:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:13 - cmdstanpy - INFO - Chain [1] start processing
01:21:13 - cmdstanpy - INFO - Chain [1] done processing
01:21:13 - cmdstanpy - INFO - Chain [1] start processing
01:21:13 - cmdstanpy - INFO - Chain [1] done processing
01:21:13 - cmdstanpy - INFO - Chain [1] start processing
01:21:14 - cmdstanpy - INFO - Chain [1] done processing
01:21:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:14 - cmdstanpy - INFO - Chain [1] start processing
01:21:14 - cmdstanpy - INFO - Chain [1] done processing
01:21:14 - cmdstanpy - INFO - Chain [1] start processing
01:21:14 - cmdstanpy - INFO - Chain [1] done processing
01:21:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:14 - cmdstanpy - INFO - Chain [1] start processing
01:21:14 - cmdstanpy - INFO - Chain [1] done processing
01:21:15 - cmdstanpy - INFO - Chain [1] start processing
01:21:15 - cmdstanpy - INFO - Chain [1] done processing
01:21:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:15 - cmdstanpy - INFO - Chain [1] start processing
01:21:15 - cmdstanpy - INFO - Chain [1] done processing
01:21:15 - cmdstanpy - INFO - Chain [1] start processing
01:21:15 - cmdstanpy - INFO - Chain [1] done processing
01:21:15 - cmdstanpy - INFO - Chain [1] start processing
01:21:15 - cmdstanpy - INFO - Chain [1] done processing
01:21:16 - cmdstanpy - INFO - Chain [1] start processing
01:21:16 - cmdstanpy - INFO - Chain [1] done processing
01:21:16 - cmdstanpy - INFO - Chain [1] start processing
01:21:16 - cmdstanpy - INFO - Chain [1] done processing
01:21:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:16 - cmdstanpy - INFO - Chain [1] start processing
01:21:16 - cmdstanpy - INFO - Chain [1] done processing
01:21:17 - cmdstanpy - INFO - Chain [1] start processing
01:21:17 - cmdstanpy - INFO - Chain [1] done processing
01:21:17 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:21:17 - cmdstanpy - INFO - Chain [1] done processing
01:21:17 - cmdstanpy - INFO - Chain [1] start processing
01:21:17 - cmdstanpy - INFO - Chain [1] done processing
01:21:18 - cmdstanpy - INFO - Chain [1] start processing
01:21:18 - cmdstanpy - INFO - Chain [1] done processing
01:21:18 - cmdstanpy - INFO - Chain [1] start processing
01:21:18 - cmdstanpy - INFO - Chain [1] done processing
01:21:18 - cmdstanpy - INFO - Chain [1] start processing
01:21:18 - cmdstanpy - INFO - Chain [1] done processing
01:21:19 - cmdstanpy - INFO - Chain [1] start processing
01:21:19 - cmdstanpy - INFO - Chain [1] done processing
01:21:19 - cmdstanpy - INFO - Chain [1] start processing
01:21:19 - cmdstanpy - INFO - Chain [1] done processing
01:21:19 - cmdstanpy - INFO - Chain [1] start processing
01:21:19 - cmdstanpy - INFO - Chain [1] done processing
01:21:20 - cmdstanpy - INFO - Chain [1] start processing
01:21:20 - cmdstanpy - INFO - Chain [1] done processing
01:21:20 - cmdstanpy - INFO - Chain [1] start processing
01:21:20 - cmdstanpy - INFO - Chain [1] done processing
01:21:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:20 - cmdstanpy - INFO - Chain [1] start processing
01:21:20 - cmdstanpy - INFO - Chain [1] done processing
01:21:21 - cmdstanpy - INFO - Chain [1] start processing
01:21:21 - cmdstanpy - INFO - Chain [1] done processing
01:21:21 - cmdstanpy - INFO - Chain [1] start processing
01:21:21 - cmdstanpy - INFO - Chain [1] done processing
01:21:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:21 - cmdstanpy - INFO - Chain [1] start processing
01:21:21 - cmdstanpy - INFO - Chain [1] done processing
01:21:21 - cmdstanpy - INFO - Chain [1] start processing
01:21:22 - cmdstanpy - INFO - Chain [1] done processing
01:21:22 - cmdstanpy - INFO - Chain [1] start processing
01:21:22 - cmdstanpy - INFO - Chain [1] done processing
01:21:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:22 - cmdstanpy - INFO - Chain [1] start processing
01:21:22 - cmdstanpy - INFO - Chain [1] done processing
01:21:22 - cmdstanpy - INFO - Chain [1] start processing
01:21:23 - cmdstanpy - INFO - Chain [1] done processing
01:21:23 - cmdstanpy - INFO - Chain [1] start processing
01:21:23 - cmdstanpy - INFO - Chain [1] done processing
01:21:23 - cmdstanpy - INFO - Chain [1] start processing
01:21:23 - cmdstanpy - INFO - Chain [1] done processing
01:21:23 - cmdstanpy - INFO - Chain [1] start processing
01:21:23 - cmdstanpy - INFO - Chain [1] done processing
01:21:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:23 - cmdstanpy - INFO - Chain [1] start processing
01:21:24 - cmdstanpy - INFO - Chain [1] done processing
01:21:24 - cmdstanpy - INFO - Chain [1] start processing
01:21:24 - cmdstanpy - INFO - Chain [1] done processing
01:21:24 - cmdstanpy - INFO - Chain [1] start processing
01:21:24 - cmdstanpy - INFO - Chain [1] done processing
01:21:25 - cmdstanpy - INFO - Chain [1] start processing
01:21:25 - cmdstanpy - INFO - Chain [1] done processing
01:21:25 - cmdstanpy - INFO - Chain [1] start processing
01:21:25 - cmdstanpy - INFO - Chain [1] done processing
01:21:25 - cmdstanpy - INFO - Chain [1] start processing
01:21:25 - cmdstanpy - INFO - Chain [1] done processing
01:21:26 - cmdstanpy - INFO - Chain [1] start processing
01:21:26 - cmdstanpy - INFO - Chain [1] done processing
01:21:26 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:21:26 - cmdstanpy - INFO - Chain [1] done processing
01:21:26 - cmdstanpy - INFO - Chain [1] start processing
01:21:26 - cmdstanpy - INFO - Chain [1] done processing
01:21:27 - cmdstanpy - INFO - Chain [1] start processing
01:21:27 - cmdstanpy - INFO - Chain [1] done processing
01:21:27 - cmdstanpy - INFO - Chain [1] start processing
01:21:27 - cmdstanpy - INFO - Chain [1] done processing
01:21:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:27 - cmdstanpy - INFO - Chain [1] start processing
01:21:27 - cmdstanpy - INFO - Chain [1] done processing
01:21:28 - cmdstanpy - INFO - Chain [1] start processing
01:21:28 - cmdstanpy - INFO - Chain [1] done processing
01:21:28 - cmdstanpy - INFO - Chain [1] start processing
01:21:28 - cmdstanpy - INFO - Chain [1] done processing
01:21:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:28 - cmdstanpy - INFO - Chain [1] start processing
01:21:28 - cmdstanpy - INFO - Chain [1] done processing
01:21:28 - cmdstanpy - INFO - Chain [1] start processing
01:21:29 - cmdstanpy - INFO - Chain [1] done processing
01:21:29 - cmdstanpy - INFO - Chain [1] start processing
01:21:29 - cmdstanpy - INFO - Chain [1] done processing
01:21:29 - cmdstanpy - INFO - Chain [1] start processing
01:21:29 - cmdstanpy - INFO - Chain [1] done processing
01:21:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:29 - cmdstanpy - INFO - Chain [1] start processing
01:21:29 - cmdstanpy - INFO - Chain [1] done processing
01:21:30 - cmdstanpy - INFO - Chain [1] start processing
01:21:30 - cmdstanpy - INFO - Chain [1] done processing
01:21:30 - cmdstanpy - INFO - Chain [1] start processing
01:21:30 - cmdstanpy - INFO - Chain [1] done processing
01:21:30 - cmdstanpy - INFO - Chain [1] start processing
01:21:30 - cmdstanpy - INFO - Chain [1] done processing
01:21:31 - cmdstanpy - INFO - Chain [1] start processing
01:21:31 - cmdstanpy - INFO - Chain [1] done processing
01:21:31 - cmdstanpy - INFO - Chain [1] start processing
01:21:31 - cmdstanpy - INFO - Chain [1] done processing
01:21:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:31 - cmdstanpy - INFO - Chain [1] start processing
01:21:31 - cmdstanpy - INFO - Chain [1] done processing
01:21:31 - cmdstanpy - INFO - Chain [1] start processing
01:21:31 - cmdstanpy - INFO - Chain [1] done processing
01:21:32 - cmdstanpy - INFO - Chain [1] start processing
01:21:32 - cmdstanpy - INFO - Chain [1] done processing
01:21:32 - cmdstanpy - INFO - Chain [1] start processing
01:21:32 - cmdstanpy - INFO - Chain [1] done processing
01:21:32 - cmdstanpy - INFO - Chain [1] start processing
01:21:32 - cmdstanpy - INFO - Chain [1] done processing
01:21:33 - cmdstanpy - INFO - Chain [1] start processing
01:21:33 - cmdstanpy - INFO - Chain [1] done processing
01:21:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:33 - cmdstanpy - INFO - Chain [1] start processing
01:21:33 - cmdstanpy - INFO - Chain [1] done processing
01:21:34 - cmdstanpy - INFO - Chain [1] start processing
01:21:34 - cmdstanpy - INFO - Chain [1] done processing
01:21:34 - cmdstanpy - INFO - Chain [1] start processing
01:21:34 - cmdstanpy - INFO - Chain [1] done processing
01:21:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:34 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:21:34 - cmdstanpy - INFO - Chain [1] done processing
01:21:35 - cmdstanpy - INFO - Chain [1] start processing
01:21:35 - cmdstanpy - INFO - Chain [1] done processing
01:21:35 - cmdstanpy - INFO - Chain [1] start processing
01:21:35 - cmdstanpy - INFO - Chain [1] done processing
01:21:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:35 - cmdstanpy - INFO - Chain [1] start processing
01:21:35 - cmdstanpy - INFO - Chain [1] done processing
01:21:35 - cmdstanpy - INFO - Chain [1] start processing
01:21:35 - cmdstanpy - INFO - Chain [1] done processing
01:21:36 - cmdstanpy - INFO - Chain [1] start processing
01:21:36 - cmdstanpy - INFO - Chain [1] done processing
01:21:36 - cmdstanpy - INFO - Chain [1] start processing
01:21:36 - cmdstanpy - INFO - Chain [1] done processing
01:21:37 - cmdstanpy - INFO - Chain [1] start processing
01:21:37 - cmdstanpy - INFO - Chain [1] done processing
01:21:37 - cmdstanpy - INFO - Chain [1] start processing
01:21:37 - cmdstanpy - INFO - Chain [1] done processing
01:21:37 - cmdstanpy - INFO - Chain [1] start processing
01:21:37 - cmdstanpy - INFO - Chain [1] done processing
01:21:38 - cmdstanpy - INFO - Chain [1] start processing
01:21:38 - cmdstanpy - INFO - Chain [1] done processing
01:21:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:38 - cmdstanpy - INFO - Chain [1] start processing
01:21:38 - cmdstanpy - INFO - Chain [1] done processing
01:21:38 - cmdstanpy - INFO - Chain [1] start processing
01:21:38 - cmdstanpy - INFO - Chain [1] done processing
01:21:39 - cmdstanpy - INFO - Chain [1] start processing
01:21:39 - cmdstanpy - INFO - Chain [1] done processing
01:21:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:39 - cmdstanpy - INFO - Chain [1] start processing
01:21:39 - cmdstanpy - INFO - Chain [1] done processing
01:21:39 - cmdstanpy - INFO - Chain [1] start processing
01:21:39 - cmdstanpy - INFO - Chain [1] done processing
01:21:40 - cmdstanpy - INFO - Chain [1] start processing
01:21:40 - cmdstanpy - INFO - Chain [1] done processing
01:21:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:40 - cmdstanpy - INFO - Chain [1] start processing
01:21:40 - cmdstanpy - INFO - Chain [1] done processing
01:21:40 - cmdstanpy - INFO - Chain [1] start processing
01:21:41 - cmdstanpy - INFO - Chain [1] done processing
01:21:41 - cmdstanpy - INFO - Chain [1] start processing
01:21:41 - cmdstanpy - INFO - Chain [1] done processing
01:21:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:21:41 - cmdstanpy - INFO - Chain [1] start processing
01:21:41 - cmdstanpy - INFO - Chain [1] done processing
01:21:42 - cmdstanpy - INFO - Chain [1] start processing
01:21:42 - cmdstanpy - INFO - Chain [1] done processing
01:21:42 - cmdstanpy - INFO - Chain [1] start processing
01:21:42 - cmdstanpy - INFO - Chain [1] done processing
01:21:43 - cmdstanpy - INFO - Chain [1] start processing
01:21:43 - cmdstanpy - INFO - Chain [1] done processing
01:21:43 - cmdstanpy - INFO - Chain [1] start processing
01:21:43 - cmdstanpy - INFO - Chain [1] done processing
01:21:44 - cmdstanpy - INFO - Chain [1] start processing
01:21:44 - cmdstanpy - INFO - Chain [1] done processing
01:21:44 - cmdstanpy - INFO - Chain [1] start processing
01:21:44 - cmdstanpy - INFO - Chain [1] done processing
01:21:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:21:45 - cmdstanpy - INFO - Chain [1] done processing
01:21:46 - cmdstanpy - INFO - Chain [1] start processing
01:21:46 - cmdstanpy - INFO - Chain [1] done processing
01:21:46 - cmdstanpy - INFO - Chain [1] start processing
01:21:46 - cmdstanpy - INFO - Chain [1] done processing
01:21:46 - cmdstanpy - INFO - Chain [1] start processing
01:21:46 - cmdstanpy - INFO - Chain [1] done processing
01:21:47 - cmdstanpy - INFO - Chain [1] start processing
01:21:47 - cmdstanpy - INFO - Chain [1] done processing
01:21:48 - cmdstanpy - INFO - Chain [1] start processing
01:21:48 - cmdstanpy - INFO - Chain [1] done processing
01:21:48 - cmdstanpy - INFO - Chain [1] start processing
01:21:48 - cmdstanpy - INFO - Chain [1] done processing
01:21:48 - cmdstanpy - INFO - Chain [1] start processing
01:21:48 - cmdstanpy - INFO - Chain [1] done processing
01:21:49 - cmdstanpy - INFO - Chain [1] start processing
01:21:49 - cmdstanpy - INFO - Chain [1] done processing
01:21:49 - cmdstanpy - INFO - Chain [1] start processing
01:21:49 - cmdstanpy - INFO - Chain [1] done processing
01:21:50 - cmdstanpy - INFO - Chain [1] start processing
01:21:50 - cmdstanpy - INFO - Chain [1] done processing
01:21:50 - cmdstanpy - INFO - Chain [1] start processing
01:21:50 - cmdstanpy - INFO - Chain [1] done processing
01:21:51 - cmdstanpy - INFO - Chain [1] start processing
01:21:51 - cmdstanpy - INFO - Chain [1] done processing
01:21:51 - cmdstanpy - INFO - Chain [1] start processing
01:21:51 - cmdstanpy - INFO - Chain [1] done processing
01:21:51 - cmdstanpy - INFO - Chain [1] start processing
01:21:51 - cmdstanpy - INFO - Chain [1] done processing
01:21:52 - cmdstanpy - INFO - Chain [1] start processing
01:21:52 - cmdstanpy - INFO - Chain [1] done processing
01:21:52 - cmdstanpy - INFO - Chain [1] start processing
01:21:52 - cmdstanpy - INFO - Chain [1] done processing
01:21:53 - cmdstanpy - INFO - Chain [1] start processing
01:21:53 - cmdstanpy - INFO - Chain [1] done processing
01:21:53 - cmdstanpy - INFO - Chain [1] start processing
01:21:53 - cmdstanpy - INFO - Chain [1] done processing
01:21:53 - cmdstanpy - INFO - Chain [1] start processing
01:21:53 - cmdstanpy - INFO - Chain [1] done processing
01:21:54 - cmdstanpy - INFO - Chain [1] start processing
01:21:54 - cmdstanpy - INFO - Chain [1] done processing
01:21:54 - cmdstanpy - INFO - Chain [1] start processing
01:21:54 - cmdstanpy - INFO - Chain [1] done processing
01:21:54 - cmdstanpy - INFO - Chain [1] start processing
01:21:54 - cmdstanpy - INFO - Chain [1] done processing
01:21:55 - cmdstanpy - INFO - Chain [1] start processing
01:21:55 - cmdstanpy - INFO - Chain [1] done processing
01:21:55 - cmdstanpy - INFO - Chain [1] start processing
01:21:55 - cmdstanpy - INFO - Chain [1] done processing
01:21:56 - cmdstanpy - INFO - Chain [1] start processing
01:21:56 - cmdstanpy - INFO - Chain [1] done processing
01:21:56 - cmdstanpy - INFO - Chain [1] start processing
01:21:56 - cmdstanpy - INFO - Chain [1] done processing
01:21:57 - cmdstanpy - INFO - Chain [1] start processing
01:21:57 - cmdstanpy - INFO - Chain [1] done processing
01:21:57 - cmdstanpy - INFO - Chain [1] start processing
01:21:57 - cmdstanpy - INFO - Chain [1] done processing
01:21:58 - cmdstanpy - INFO - Chain [1] start processing
01:21:58 - cmdstanpy - INFO - Chain [1] done processing
01:22:00 - cmdstanpy - INFO - Chain [1] start processing
01:22:00 - cmdstanpy - INFO - Chain [1] done processing
01:22:01 - cmdstanpy - INFO - Chain [1] start processing
01:22:01 - cmdstanpy - INFO - Chain [1] done processing
01:22:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:22:01 - cmdstanpy - INFO - Chain [1] done processing
01:22:02 - cmdstanpy - INFO - Chain [1] start processing
01:22:02 - cmdstanpy - INFO - Chain [1] done processing
01:22:03 - cmdstanpy - INFO - Chain [1] start processing
01:22:03 - cmdstanpy - INFO - Chain [1] done processing
01:22:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:22:03 - cmdstanpy - INFO - Chain [1] start processing
01:22:03 - cmdstanpy - INFO - Chain [1] done processing
01:22:04 - cmdstanpy - INFO - Chain [1] start processing
01:22:04 - cmdstanpy - INFO - Chain [1] done processing
01:22:04 - cmdstanpy - INFO - Chain [1] start processing
01:22:04 - cmdstanpy - INFO - Chain [1] done processing
01:22:05 - cmdstanpy - INFO - Chain [1] start processing
01:22:05 - cmdstanpy - INFO - Chain [1] done processing
01:22:05 - cmdstanpy - INFO - Chain [1] start processing
01:22:05 - cmdstanpy - INFO - Chain [1] done processing
01:22:06 - cmdstanpy - INFO - Chain [1] start processing
01:22:06 - cmdstanpy - INFO - Chain [1] done processing
01:22:06 - cmdstanpy - INFO - Chain [1] start processing
01:22:06 - cmdstanpy - INFO - Chain [1] done processing
01:22:07 - cmdstanpy - INFO - Chain [1] start processing
01:22:07 - cmdstanpy - INFO - Chain [1] done processing
01:22:07 - cmdstanpy - INFO - Chain [1] start processing
01:22:07 - cmdstanpy - INFO - Chain [1] done processing
01:22:08 - cmdstanpy - INFO - Chain [1] start processing
01:22:08 - cmdstanpy - INFO - Chain [1] done processing
01:22:09 - cmdstanpy - INFO - Chain [1] start processing
01:22:09 - cmdstanpy - INFO - Chain [1] done processing
01:22:10 - cmdstanpy - INFO - Chain [1] start processing
01:22:10 - cmdstanpy - INFO - Chain [1] done processing
01:22:10 - cmdstanpy - INFO - Chain [1] start processing
01:22:10 - cmdstanpy - INFO - Chain [1] done processing
01:22:11 - cmdstanpy - INFO - Chain [1] start processing
01:22:11 - cmdstanpy - INFO - Chain [1] done processing
01:22:11 - cmdstanpy - INFO - Chain [1] start processing
01:22:11 - cmdstanpy - INFO - Chain [1] done processing
01:22:12 - cmdstanpy - INFO - Chain [1] start processing
01:22:12 - cmdstanpy - INFO - Chain [1] done processing
01:22:12 - cmdstanpy - INFO - Chain [1] start processing
01:22:12 - cmdstanpy - INFO - Chain [1] done processing
01:22:13 - cmdstanpy - INFO - Chain [1] start processing
01:22:13 - cmdstanpy - INFO - Chain [1] done processing
01:22:14 - cmdstanpy - INFO - Chain [1] start processing
01:22:14 - cmdstanpy - INFO - Chain [1] done processing
01:22:14 - cmdstanpy - INFO - Chain [1] start processing
01:22:14 - cmdstanpy - INFO - Chain [1] done processing
01:22:15 - cmdstanpy - INFO - Chain [1] start processing
01:22:15 - cmdstanpy - INFO - Chain [1] done processing
01:22:15 - cmdstanpy - INFO - Chain [1] start processing
01:22:15 - cmdstanpy - INFO - Chain [1] done processing
01:22:16 - cmdstanpy - INFO - Chain [1] start processing
01:22:16 - cmdstanpy - INFO - Chain [1] done processing
01:22:16 - cmdstanpy - INFO - Chain [1] start processing
01:22:16 - cmdstanpy - INFO - Chain [1] done processing
01:22:16 - cmdstanpy - INFO - Chain [1] start processing
01:22:16 - cmdstanpy - INFO - Chain [1] done processing
01:22:17 - cmdstanpy - INFO - Chain [1] start processing
01:22:17 - cmdstanpy - INFO - Chain [1] done processing
01:22:18 - cmdstanpy - INFO - Chain [1] start processing
01:22:18 - cmdstanpy - INFO - Chain [1] done processing
01:22:19 - cmdstanpy - INFO - Chain [1] start processing
01:22:19 - cmdstanpy - INFO - Chain [1] done processing
```

01:22:19 - cmdstanpy - INFO - Chain [1] start processing

```
01:22:19 - cmdstanpy - INFO - Chain [1] done processing
01:22:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:22:19 - cmdstanpy - INFO - Chain [1] start processing
01:22:19 - cmdstanpy - INFO - Chain [1] done processing
01:22:20 - cmdstanpy - INFO - Chain [1] start processing
01:22:20 - cmdstanpy - INFO - Chain [1] done processing
01:22:20 - cmdstanpy - INFO - Chain [1] start processing
01:22:20 - cmdstanpy - INFO - Chain [1] done processing
01:22:21 - cmdstanpy - INFO - Chain [1] start processing
01:22:21 - cmdstanpy - INFO - Chain [1] done processing
01:22:21 - cmdstanpy - INFO - Chain [1] start processing
01:22:21 - cmdstanpy - INFO - Chain [1] done processing
01:22:22 - cmdstanpy - INFO - Chain [1] start processing
01:22:22 - cmdstanpy - INFO - Chain [1] done processing
01:22:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:22:22 - cmdstanpy - INFO - Chain [1] start processing
01:22:22 - cmdstanpy - INFO - Chain [1] done processing
01:22:23 - cmdstanpy - INFO - Chain [1] start processing
01:22:23 - cmdstanpy - INFO - Chain [1] done processing
01:22:24 - cmdstanpy - INFO - Chain [1] start processing
01:22:24 - cmdstanpy - INFO - Chain [1] done processing
01:22:24 - cmdstanpy - INFO - Chain [1] start processing
01:22:25 - cmdstanpy - INFO - Chain [1] done processing
01:22:25 - cmdstanpy - INFO - Chain [1] start processing
01:22:25 - cmdstanpy - INFO - Chain [1] done processing
01:22:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:22:25 - cmdstanpy - INFO - Chain [1] start processing
01:22:25 - cmdstanpy - INFO - Chain [1] done processing
01:22:26 - cmdstanpy - INFO - Chain [1] start processing
01:22:26 - cmdstanpy - INFO - Chain [1] done processing
01:22:27 - cmdstanpy - INFO - Chain [1] start processing
01:22:27 - cmdstanpy - INFO - Chain [1] done processing
01:22:28 - cmdstanpy - INFO - Chain [1] start processing
01:22:28 - cmdstanpy - INFO - Chain [1] done processing
01:22:28 - cmdstanpy - INFO - Chain [1] start processing
01:22:28 - cmdstanpy - INFO - Chain [1] done processing
01:22:29 - cmdstanpy - INFO - Chain [1] start processing
01:22:29 - cmdstanpy - INFO - Chain [1] done processing
01:22:30 - cmdstanpy - INFO - Chain [1] start processing
01:22:30 - cmdstanpy - INFO - Chain [1] done processing
01:22:31 - cmdstanpy - INFO - Chain [1] start processing
01:22:31 - cmdstanpy - INFO - Chain [1] done processing
01:22:31 - cmdstanpy - INFO - Chain [1] start processing
01:22:31 - cmdstanpy - INFO - Chain [1] done processing
01:22:32 - cmdstanpy - INFO - Chain [1] start processing
01:22:32 - cmdstanpy - INFO - Chain [1] done processing
01:22:33 - cmdstanpy - INFO - Chain [1] start processing
01:22:33 - cmdstanpy - INFO - Chain [1] done processing
01:22:34 - cmdstanpy - INFO - Chain [1] start processing
01:22:34 - cmdstanpy - INFO - Chain [1] done processing
01:22:35 - cmdstanpy - INFO - Chain [1] start processing
01:22:35 - cmdstanpy - INFO - Chain [1] done processing
01:22:36 - cmdstanpy - INFO - Chain [1] start processing
01:22:36 - cmdstanpy - INFO - Chain [1] done processing
01:22:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:22:36 - cmdstanpy - INFO - Chain [1] start processing
01:22:37 - cmdstanpy - INFO - Chain [1] done processing
01:22:38 - cmdstanpy - INFO - Chain [1] start processing
01:22:38 - cmdstanpy - INFO - Chain [1] done processing
01:22:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:22:39 - cmdstanpy - INFO - Chain [1] done processing
01:22:40 - cmdstanpy - INFO - Chain [1] start processing
01:22:40 - cmdstanpy - INFO - Chain [1] done processing
01:22:41 - cmdstanpy - INFO - Chain [1] start processing
01:22:41 - cmdstanpy - INFO - Chain [1] done processing
01:22:42 - cmdstanpy - INFO - Chain [1] start processing
01:22:42 - cmdstanpy - INFO - Chain [1] done processing
01:22:43 - cmdstanpy - INFO - Chain [1] start processing
01:22:43 - cmdstanpy - INFO - Chain [1] done processing
01:22:43 - cmdstanpy - INFO - Chain [1] start processing
01:22:43 - cmdstanpy - INFO - Chain [1] done processing
01:22:44 - cmdstanpy - INFO - Chain [1] start processing
01:22:44 - cmdstanpy - INFO - Chain [1] done processing
01:22:44 - cmdstanpy - INFO - Chain [1] start processing
01:22:44 - cmdstanpy - INFO - Chain [1] done processing
01:22:45 - cmdstanpy - INFO - Chain [1] start processing
01:22:45 - cmdstanpy - INFO - Chain [1] done processing
01:22:45 - cmdstanpy - INFO - Chain [1] start processing
01:22:45 - cmdstanpy - INFO - Chain [1] done processing
01:22:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:22:45 - cmdstanpy - INFO - Chain [1] start processing
01:22:45 - cmdstanpy - INFO - Chain [1] done processing
01:22:46 - cmdstanpy - INFO - Chain [1] start processing
01:22:46 - cmdstanpy - INFO - Chain [1] done processing
01:22:46 - cmdstanpy - INFO - Chain [1] start processing
01:22:46 - cmdstanpy - INFO - Chain [1] done processing
01:22:46 - cmdstanpy - INFO - Chain [1] start processing
01:22:46 - cmdstanpy - INFO - Chain [1] done processing
01:22:47 - cmdstanpy - INFO - Chain [1] start processing
01:22:47 - cmdstanpy - INFO - Chain [1] done processing
01:22:47 - cmdstanpy - INFO - Chain [1] start processing
01:22:47 - cmdstanpy - INFO - Chain [1] done processing
01:22:48 - cmdstanpy - INFO - Chain [1] start processing
01:22:48 - cmdstanpy - INFO - Chain [1] done processing
01:22:48 - cmdstanpy - INFO - Chain [1] start processing
01:22:48 - cmdstanpy - INFO - Chain [1] done processing
01:22:49 - cmdstanpy - INFO - Chain [1] start processing
01:22:49 - cmdstanpy - INFO - Chain [1] done processing
01:22:50 - cmdstanpy - INFO - Chain [1] start processing
01:22:50 - cmdstanpy - INFO - Chain [1] done processing
01:22:50 - cmdstanpy - INFO - Chain [1] start processing
01:22:50 - cmdstanpy - INFO - Chain [1] done processing
01:22:51 - cmdstanpy - INFO - Chain [1] start processing
01:22:51 - cmdstanpy - INFO - Chain [1] done processing
01:22:51 - cmdstanpy - INFO - Chain [1] start processing
01:22:51 - cmdstanpy - INFO - Chain [1] done processing
01:22:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:22:51 - cmdstanpy - INFO - Chain [1] start processing
01:22:52 - cmdstanpy - INFO - Chain [1] done processing
01:22:53 - cmdstanpy - INFO - Chain [1] start processing
01:22:53 - cmdstanpy - INFO - Chain [1] done processing
01:22:53 - cmdstanpy - INFO - Chain [1] start processing
01:22:53 - cmdstanpy - INFO - Chain [1] done processing
01:22:54 - cmdstanpy - INFO - Chain [1] start processing
01:22:54 - cmdstanpy - INFO - Chain [1] done processing
01:22:54 - cmdstanpy - INFO - Chain [1] start processing
01:22:54 - cmdstanpy - INFO - Chain [1] done processing
01:22:54 - cmdstanpy - INFO - Chain [1] start processing
01:22:54 - cmdstanpy - INFO - Chain [1] done processing
01:22:55 - cmdstanpy - INFO - Chain [1] start processing
01:22:55 - cmdstanpy - INFO - Chain [1] done processing
01:22:56 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:22:56 - cmdstanpy - INFO - Chain [1] done processing
01:22:56 - cmdstanpy - INFO - Chain [1] start processing
01:22:56 - cmdstanpy - INFO - Chain [1] done processing
01:22:57 - cmdstanpy - INFO - Chain [1] start processing
01:22:57 - cmdstanpy - INFO - Chain [1] done processing
01:22:57 - cmdstanpy - INFO - Chain [1] start processing
01:22:57 - cmdstanpy - INFO - Chain [1] done processing
01:22:57 - cmdstanpy - INFO - Chain [1] start processing
01:22:57 - cmdstanpy - INFO - Chain [1] done processing
01:22:58 - cmdstanpy - INFO - Chain [1] start processing
01:22:58 - cmdstanpy - INFO - Chain [1] done processing
01:22:59 - cmdstanpy - INFO - Chain [1] start processing
01:22:59 - cmdstanpy - INFO - Chain [1] done processing
01:22:59 - cmdstanpy - INFO - Chain [1] start processing
01:22:59 - cmdstanpy - INFO - Chain [1] done processing
01:23:00 - cmdstanpy - INFO - Chain [1] start processing
01:23:00 - cmdstanpy - INFO - Chain [1] done processing
01:23:00 - cmdstanpy - INFO - Chain [1] start processing
01:23:00 - cmdstanpy - INFO - Chain [1] done processing
01:23:01 - cmdstanpy - INFO - Chain [1] start processing
01:23:01 - cmdstanpy - INFO - Chain [1] done processing
01:23:01 - cmdstanpy - INFO - Chain [1] start processing
01:23:01 - cmdstanpy - INFO - Chain [1] done processing
01:23:02 - cmdstanpy - INFO - Chain [1] start processing
01:23:02 - cmdstanpy - INFO - Chain [1] done processing
01:23:02 - cmdstanpy - INFO - Chain [1] start processing
01:23:02 - cmdstanpy - INFO - Chain [1] done processing
01:23:03 - cmdstanpy - INFO - Chain [1] start processing
01:23:03 - cmdstanpy - INFO - Chain [1] done processing
01:23:04 - cmdstanpy - INFO - Chain [1] start processing
01:23:04 - cmdstanpy - INFO - Chain [1] done processing
01:23:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:04 - cmdstanpy - INFO - Chain [1] start processing
01:23:04 - cmdstanpy - INFO - Chain [1] done processing
01:23:04 - cmdstanpy - INFO - Chain [1] start processing
01:23:05 - cmdstanpy - INFO - Chain [1] done processing
01:23:05 - cmdstanpy - INFO - Chain [1] start processing
01:23:05 - cmdstanpy - INFO - Chain [1] done processing
01:23:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:05 - cmdstanpy - INFO - Chain [1] start processing
01:23:05 - cmdstanpy - INFO - Chain [1] done processing
01:23:06 - cmdstanpy - INFO - Chain [1] start processing
01:23:06 - cmdstanpy - INFO - Chain [1] done processing
01:23:06 - cmdstanpy - INFO - Chain [1] start processing
01:23:06 - cmdstanpy - INFO - Chain [1] done processing
01:23:07 - cmdstanpy - INFO - Chain [1] start processing
01:23:07 - cmdstanpy - INFO - Chain [1] done processing
01:23:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:07 - cmdstanpy - INFO - Chain [1] start processing
01:23:07 - cmdstanpy - INFO - Chain [1] done processing
01:23:07 - cmdstanpy - INFO - Chain [1] start processing
01:23:07 - cmdstanpy - INFO - Chain [1] done processing
01:23:08 - cmdstanpy - INFO - Chain [1] start processing
01:23:08 - cmdstanpy - INFO - Chain [1] done processing
01:23:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:08 - cmdstanpy - INFO - Chain [1] start processing
01:23:08 - cmdstanpy - INFO - Chain [1] done processing
01:23:08 - cmdstanpy - INFO - Chain [1] start processing
01:23:08 - cmdstanpy - INFO - Chain [1] done processing
01:23:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:23:09 - cmdstanpy - INFO - Chain [1] start processing
01:23:09 - cmdstanpy - INFO - Chain [1] done processing
01:23:09 - cmdstanpy - INFO - Chain [1] start processing
01:23:09 - cmdstanpy - INFO - Chain [1] done processing
01:23:09 - cmdstanpy - INFO - Chain [1] start processing
01:23:09 - cmdstanpy - INFO - Chain [1] done processing
01:23:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:09 - cmdstanpy - INFO - Chain [1] start processing
01:23:10 - cmdstanpy - INFO - Chain [1] done processing
01:23:10 - cmdstanpy - INFO - Chain [1] start processing
01:23:10 - cmdstanpy - INFO - Chain [1] done processing
01:23:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:10 - cmdstanpy - INFO - Chain [1] start processing
01:23:10 - cmdstanpy - INFO - Chain [1] done processing
01:23:10 - cmdstanpy - INFO - Chain [1] start processing
01:23:10 - cmdstanpy - INFO - Chain [1] done processing
01:23:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:10 - cmdstanpy - INFO - Chain [1] start processing
01:23:11 - cmdstanpy - INFO - Chain [1] done processing
01:23:11 - cmdstanpy - INFO - Chain [1] start processing
01:23:11 - cmdstanpy - INFO - Chain [1] done processing
01:23:11 - cmdstanpy - INFO - Chain [1] start processing
01:23:11 - cmdstanpy - INFO - Chain [1] done processing
01:23:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:11 - cmdstanpy - INFO - Chain [1] start processing
01:23:12 - cmdstanpy - INFO - Chain [1] done processing
01:23:12 - cmdstanpy - INFO - Chain [1] start processing
01:23:12 - cmdstanpy - INFO - Chain [1] done processing
01:23:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:12 - cmdstanpy - INFO - Chain [1] start processing
01:23:12 - cmdstanpy - INFO - Chain [1] done processing
01:23:13 - cmdstanpy - INFO - Chain [1] start processing
01:23:13 - cmdstanpy - INFO - Chain [1] done processing
01:23:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:13 - cmdstanpy - INFO - Chain [1] start processing
01:23:13 - cmdstanpy - INFO - Chain [1] done processing
01:23:13 - cmdstanpy - INFO - Chain [1] start processing
01:23:13 - cmdstanpy - INFO - Chain [1] done processing
01:23:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:13 - cmdstanpy - INFO - Chain [1] start processing
01:23:14 - cmdstanpy - INFO - Chain [1] done processing
01:23:14 - cmdstanpy - INFO - Chain [1] start processing
01:23:14 - cmdstanpy - INFO - Chain [1] done processing
01:23:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:14 - cmdstanpy - INFO - Chain [1] start processing
01:23:14 - cmdstanpy - INFO - Chain [1] done processing
01:23:14 - cmdstanpy - INFO - Chain [1] start processing
01:23:14 - cmdstanpy - INFO - Chain [1] done processing
01:23:15 - cmdstanpy - INFO - Chain [1] start processing
01:23:15 - cmdstanpy - INFO - Chain [1] done processing
01:23:15 - cmdstanpy - INFO - Chain [1] start processing
01:23:15 - cmdstanpy - INFO - Chain [1] done processing
01:23:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:23:16 - cmdstanpy - INFO - Chain [1] done processing
01:23:16 - cmdstanpy - INFO - Chain [1] start processing
01:23:16 - cmdstanpy - INFO - Chain [1] done processing
01:23:16 - cmdstanpy - INFO - Chain [1] start processing
01:23:16 - cmdstanpy - INFO - Chain [1] done processing
01:23:17 - cmdstanpy - INFO - Chain [1] start processing
01:23:17 - cmdstanpy - INFO - Chain [1] done processing
01:23:17 - cmdstanpy - INFO - Chain [1] start processing
01:23:17 - cmdstanpy - INFO - Chain [1] done processing
01:23:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:17 - cmdstanpy - INFO - Chain [1] start processing
01:23:17 - cmdstanpy - INFO - Chain [1] done processing
01:23:18 - cmdstanpy - INFO - Chain [1] start processing
01:23:18 - cmdstanpy - INFO - Chain [1] done processing
01:23:18 - cmdstanpy - INFO - Chain [1] start processing
01:23:18 - cmdstanpy - INFO - Chain [1] done processing
01:23:18 - cmdstanpy - INFO - Chain [1] start processing
01:23:18 - cmdstanpy - INFO - Chain [1] done processing
01:23:19 - cmdstanpy - INFO - Chain [1] start processing
01:23:19 - cmdstanpy - INFO - Chain [1] done processing
01:23:19 - cmdstanpy - INFO - Chain [1] start processing
01:23:19 - cmdstanpy - INFO - Chain [1] done processing
01:23:19 - cmdstanpy - INFO - Chain [1] start processing
01:23:19 - cmdstanpy - INFO - Chain [1] done processing
01:23:20 - cmdstanpy - INFO - Chain [1] start processing
01:23:20 - cmdstanpy - INFO - Chain [1] done processing
01:23:20 - cmdstanpy - INFO - Chain [1] start processing
01:23:20 - cmdstanpy - INFO - Chain [1] done processing
01:23:20 - cmdstanpy - INFO - Chain [1] start processing
01:23:20 - cmdstanpy - INFO - Chain [1] done processing
01:23:21 - cmdstanpy - INFO - Chain [1] start processing
01:23:21 - cmdstanpy - INFO - Chain [1] done processing
01:23:21 - cmdstanpy - INFO - Chain [1] start processing
01:23:21 - cmdstanpy - INFO - Chain [1] done processing
01:23:21 - cmdstanpy - INFO - Chain [1] start processing
01:23:21 - cmdstanpy - INFO - Chain [1] done processing
01:23:22 - cmdstanpy - INFO - Chain [1] start processing
01:23:22 - cmdstanpy - INFO - Chain [1] done processing
01:23:22 - cmdstanpy - INFO - Chain [1] start processing
01:23:22 - cmdstanpy - INFO - Chain [1] done processing
01:23:22 - cmdstanpy - INFO - Chain [1] start processing
01:23:23 - cmdstanpy - INFO - Chain [1] done processing
01:23:23 - cmdstanpy - INFO - Chain [1] start processing
01:23:23 - cmdstanpy - INFO - Chain [1] done processing
01:23:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:23 - cmdstanpy - INFO - Chain [1] start processing
01:23:24 - cmdstanpy - INFO - Chain [1] done processing
01:23:24 - cmdstanpy - INFO - Chain [1] start processing
01:23:24 - cmdstanpy - INFO - Chain [1] done processing
01:23:24 - cmdstanpy - INFO - Chain [1] start processing
01:23:24 - cmdstanpy - INFO - Chain [1] done processing
01:23:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:24 - cmdstanpy - INFO - Chain [1] start processing
01:23:25 - cmdstanpy - INFO - Chain [1] done processing
01:23:25 - cmdstanpy - INFO - Chain [1] start processing
01:23:25 - cmdstanpy - INFO - Chain [1] done processing
01:23:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:25 - cmdstanpy - INFO - Chain [1] start processing
01:23:25 - cmdstanpy - INFO - Chain [1] done processing
01:23:26 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:23:26 - cmdstanpy - INFO - Chain [1] done processing
01:23:26 - cmdstanpy - INFO - Chain [1] start processing
01:23:26 - cmdstanpy - INFO - Chain [1] done processing
01:23:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:26 - cmdstanpy - INFO - Chain [1] start processing
01:23:26 - cmdstanpy - INFO - Chain [1] done processing
01:23:27 - cmdstanpy - INFO - Chain [1] start processing
01:23:27 - cmdstanpy - INFO - Chain [1] done processing
01:23:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:27 - cmdstanpy - INFO - Chain [1] start processing
01:23:27 - cmdstanpy - INFO - Chain [1] done processing
01:23:27 - cmdstanpy - INFO - Chain [1] start processing
01:23:27 - cmdstanpy - INFO - Chain [1] done processing
01:23:28 - cmdstanpy - INFO - Chain [1] start processing
01:23:28 - cmdstanpy - INFO - Chain [1] done processing
01:23:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:28 - cmdstanpy - INFO - Chain [1] start processing
01:23:28 - cmdstanpy - INFO - Chain [1] done processing
01:23:29 - cmdstanpy - INFO - Chain [1] start processing
01:23:29 - cmdstanpy - INFO - Chain [1] done processing
01:23:29 - cmdstanpy - INFO - Chain [1] start processing
01:23:29 - cmdstanpy - INFO - Chain [1] done processing
01:23:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:29 - cmdstanpy - INFO - Chain [1] start processing
01:23:29 - cmdstanpy - INFO - Chain [1] done processing
01:23:30 - cmdstanpy - INFO - Chain [1] start processing
01:23:30 - cmdstanpy - INFO - Chain [1] done processing
01:23:30 - cmdstanpy - INFO - Chain [1] start processing
01:23:30 - cmdstanpy - INFO - Chain [1] done processing
01:23:31 - cmdstanpy - INFO - Chain [1] start processing
01:23:31 - cmdstanpy - INFO - Chain [1] done processing
01:23:31 - cmdstanpy - INFO - Chain [1] start processing
01:23:31 - cmdstanpy - INFO - Chain [1] done processing
01:23:31 - cmdstanpy - INFO - Chain [1] start processing
01:23:32 - cmdstanpy - INFO - Chain [1] done processing
01:23:32 - cmdstanpy - INFO - Chain [1] start processing
01:23:32 - cmdstanpy - INFO - Chain [1] done processing
01:23:32 - cmdstanpy - INFO - Chain [1] start processing
01:23:32 - cmdstanpy - INFO - Chain [1] done processing
01:23:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:32 - cmdstanpy - INFO - Chain [1] start processing
01:23:32 - cmdstanpy - INFO - Chain [1] done processing
01:23:33 - cmdstanpy - INFO - Chain [1] start processing
01:23:33 - cmdstanpy - INFO - Chain [1] done processing
01:23:33 - cmdstanpy - INFO - Chain [1] start processing
01:23:33 - cmdstanpy - INFO - Chain [1] done processing
01:23:33 - cmdstanpy - INFO - Chain [1] start processing
01:23:33 - cmdstanpy - INFO - Chain [1] done processing
01:23:34 - cmdstanpy - INFO - Chain [1] start processing
01:23:34 - cmdstanpy - INFO - Chain [1] done processing
01:23:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:34 - cmdstanpy - INFO - Chain [1] start processing
01:23:34 - cmdstanpy - INFO - Chain [1] done processing
01:23:34 - cmdstanpy - INFO - Chain [1] start processing
01:23:34 - cmdstanpy - INFO - Chain [1] done processing
01:23:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:34 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:23:35 - cmdstanpy - INFO - Chain [1] done processing
01:23:35 - cmdstanpy - INFO - Chain [1] start processing
01:23:35 - cmdstanpy - INFO - Chain [1] done processing
01:23:35 - cmdstanpy - INFO - Chain [1] start processing
01:23:35 - cmdstanpy - INFO - Chain [1] done processing
01:23:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:35 - cmdstanpy - INFO - Chain [1] start processing
01:23:35 - cmdstanpy - INFO - Chain [1] done processing
01:23:36 - cmdstanpy - INFO - Chain [1] start processing
01:23:36 - cmdstanpy - INFO - Chain [1] done processing
01:23:36 - cmdstanpy - INFO - Chain [1] start processing
01:23:36 - cmdstanpy - INFO - Chain [1] done processing
01:23:36 - cmdstanpy - INFO - Chain [1] start processing
01:23:36 - cmdstanpy - INFO - Chain [1] done processing
01:23:37 - cmdstanpy - INFO - Chain [1] start processing
01:23:37 - cmdstanpy - INFO - Chain [1] done processing
01:23:37 - cmdstanpy - INFO - Chain [1] start processing
01:23:37 - cmdstanpy - INFO - Chain [1] done processing
01:23:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:37 - cmdstanpy - INFO - Chain [1] start processing
01:23:37 - cmdstanpy - INFO - Chain [1] done processing
01:23:38 - cmdstanpy - INFO - Chain [1] start processing
01:23:38 - cmdstanpy - INFO - Chain [1] done processing
01:23:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:38 - cmdstanpy - INFO - Chain [1] start processing
01:23:38 - cmdstanpy - INFO - Chain [1] done processing
01:23:38 - cmdstanpy - INFO - Chain [1] start processing
01:23:38 - cmdstanpy - INFO - Chain [1] done processing
01:23:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:38 - cmdstanpy - INFO - Chain [1] start processing
01:23:39 - cmdstanpy - INFO - Chain [1] done processing
01:23:39 - cmdstanpy - INFO - Chain [1] start processing
01:23:39 - cmdstanpy - INFO - Chain [1] done processing
01:23:39 - cmdstanpy - INFO - Chain [1] start processing
01:23:39 - cmdstanpy - INFO - Chain [1] done processing
01:23:40 - cmdstanpy - INFO - Chain [1] start processing
01:23:40 - cmdstanpy - INFO - Chain [1] done processing
01:23:40 - cmdstanpy - INFO - Chain [1] start processing
01:23:40 - cmdstanpy - INFO - Chain [1] done processing
01:23:41 - cmdstanpy - INFO - Chain [1] start processing
01:23:41 - cmdstanpy - INFO - Chain [1] done processing
01:23:41 - cmdstanpy - INFO - Chain [1] start processing
01:23:41 - cmdstanpy - INFO - Chain [1] done processing
01:23:41 - cmdstanpy - INFO - Chain [1] start processing
01:23:41 - cmdstanpy - INFO - Chain [1] done processing
01:23:42 - cmdstanpy - INFO - Chain [1] start processing
01:23:42 - cmdstanpy - INFO - Chain [1] done processing
01:23:42 - cmdstanpy - INFO - Chain [1] start processing
01:23:42 - cmdstanpy - INFO - Chain [1] done processing
01:23:42 - cmdstanpy - INFO - Chain [1] start processing
01:23:42 - cmdstanpy - INFO - Chain [1] done processing
01:23:43 - cmdstanpy - INFO - Chain [1] start processing
01:23:43 - cmdstanpy - INFO - Chain [1] done processing
01:23:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:43 - cmdstanpy - INFO - Chain [1] start processing
01:23:43 - cmdstanpy - INFO - Chain [1] done processing
01:23:43 - cmdstanpy - INFO - Chain [1] start processing
01:23:43 - cmdstanpy - INFO - Chain [1] done processing
01:23:44 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:23:44 - cmdstanpy - INFO - Chain [1] done processing
01:23:44 - cmdstanpy - INFO - Chain [1] start processing
01:23:44 - cmdstanpy - INFO - Chain [1] done processing
01:23:44 - cmdstanpy - INFO - Chain [1] start processing
01:23:45 - cmdstanpy - INFO - Chain [1] done processing
01:23:45 - cmdstanpy - INFO - Chain [1] start processing
01:23:45 - cmdstanpy - INFO - Chain [1] done processing
01:23:45 - cmdstanpy - INFO - Chain [1] start processing
01:23:45 - cmdstanpy - INFO - Chain [1] done processing
01:23:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:45 - cmdstanpy - INFO - Chain [1] start processing
01:23:45 - cmdstanpy - INFO - Chain [1] done processing
01:23:46 - cmdstanpy - INFO - Chain [1] start processing
01:23:46 - cmdstanpy - INFO - Chain [1] done processing
01:23:46 - cmdstanpy - INFO - Chain [1] start processing
01:23:46 - cmdstanpy - INFO - Chain [1] done processing
01:23:46 - cmdstanpy - INFO - Chain [1] start processing
01:23:46 - cmdstanpy - INFO - Chain [1] done processing
01:23:47 - cmdstanpy - INFO - Chain [1] start processing
01:23:47 - cmdstanpy - INFO - Chain [1] done processing
01:23:47 - cmdstanpy - INFO - Chain [1] start processing
01:23:47 - cmdstanpy - INFO - Chain [1] done processing
01:23:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:47 - cmdstanpy - INFO - Chain [1] start processing
01:23:47 - cmdstanpy - INFO - Chain [1] done processing
01:23:48 - cmdstanpy - INFO - Chain [1] start processing
01:23:48 - cmdstanpy - INFO - Chain [1] done processing
01:23:48 - cmdstanpy - INFO - Chain [1] start processing
01:23:48 - cmdstanpy - INFO - Chain [1] done processing
01:23:48 - cmdstanpy - INFO - Chain [1] start processing
01:23:48 - cmdstanpy - INFO - Chain [1] done processing
01:23:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:48 - cmdstanpy - INFO - Chain [1] start processing
01:23:49 - cmdstanpy - INFO - Chain [1] done processing
01:23:49 - cmdstanpy - INFO - Chain [1] start processing
01:23:49 - cmdstanpy - INFO - Chain [1] done processing
01:23:49 - cmdstanpy - INFO - Chain [1] start processing
01:23:49 - cmdstanpy - INFO - Chain [1] done processing
01:23:50 - cmdstanpy - INFO - Chain [1] start processing
01:23:50 - cmdstanpy - INFO - Chain [1] done processing
01:23:50 - cmdstanpy - INFO - Chain [1] start processing
01:23:50 - cmdstanpy - INFO - Chain [1] done processing
01:23:50 - cmdstanpy - INFO - Chain [1] start processing
01:23:50 - cmdstanpy - INFO - Chain [1] done processing
01:23:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:50 - cmdstanpy - INFO - Chain [1] start processing
01:23:51 - cmdstanpy - INFO - Chain [1] done processing
01:23:51 - cmdstanpy - INFO - Chain [1] start processing
01:23:51 - cmdstanpy - INFO - Chain [1] done processing
01:23:51 - cmdstanpy - INFO - Chain [1] start processing
01:23:51 - cmdstanpy - INFO - Chain [1] done processing
01:23:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:51 - cmdstanpy - INFO - Chain [1] start processing
01:23:52 - cmdstanpy - INFO - Chain [1] done processing
01:23:52 - cmdstanpy - INFO - Chain [1] start processing
01:23:52 - cmdstanpy - INFO - Chain [1] done processing
01:23:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:52 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:23:52 - cmdstanpy - INFO - Chain [1] done processing
01:23:52 - cmdstanpy - INFO - Chain [1] start processing
01:23:53 - cmdstanpy - INFO - Chain [1] done processing
01:23:53 - cmdstanpy - INFO - Chain [1] start processing
01:23:53 - cmdstanpy - INFO - Chain [1] done processing
01:23:53 - cmdstanpy - INFO - Chain [1] start processing
01:23:53 - cmdstanpy - INFO - Chain [1] done processing
01:23:53 - cmdstanpy - INFO - Chain [1] start processing
01:23:54 - cmdstanpy - INFO - Chain [1] done processing
01:23:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:54 - cmdstanpy - INFO - Chain [1] start processing
01:23:54 - cmdstanpy - INFO - Chain [1] done processing
01:23:54 - cmdstanpy - INFO - Chain [1] start processing
01:23:54 - cmdstanpy - INFO - Chain [1] done processing
01:23:54 - cmdstanpy - INFO - Chain [1] start processing
01:23:55 - cmdstanpy - INFO - Chain [1] done processing
01:23:55 - cmdstanpy - INFO - Chain [1] start processing
01:23:55 - cmdstanpy - INFO - Chain [1] done processing
01:23:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:55 - cmdstanpy - INFO - Chain [1] start processing
01:23:55 - cmdstanpy - INFO - Chain [1] done processing
01:23:55 - cmdstanpy - INFO - Chain [1] start processing
01:23:55 - cmdstanpy - INFO - Chain [1] done processing
01:23:56 - cmdstanpy - INFO - Chain [1] start processing
01:23:56 - cmdstanpy - INFO - Chain [1] done processing
01:23:56 - cmdstanpy - INFO - Chain [1] start processing
01:23:56 - cmdstanpy - INFO - Chain [1] done processing
01:23:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:56 - cmdstanpy - INFO - Chain [1] start processing
01:23:56 - cmdstanpy - INFO - Chain [1] done processing
01:23:57 - cmdstanpy - INFO - Chain [1] start processing
01:23:57 - cmdstanpy - INFO - Chain [1] done processing
01:23:57 - cmdstanpy - INFO - Chain [1] start processing
01:23:57 - cmdstanpy - INFO - Chain [1] done processing
01:23:57 - cmdstanpy - INFO - Chain [1] start processing
01:23:57 - cmdstanpy - INFO - Chain [1] done processing
01:23:58 - cmdstanpy - INFO - Chain [1] start processing
01:23:58 - cmdstanpy - INFO - Chain [1] done processing
01:23:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:23:58 - cmdstanpy - INFO - Chain [1] start processing
01:23:58 - cmdstanpy - INFO - Chain [1] done processing
01:23:58 - cmdstanpy - INFO - Chain [1] start processing
01:23:58 - cmdstanpy - INFO - Chain [1] done processing
01:23:59 - cmdstanpy - INFO - Chain [1] start processing
01:23:59 - cmdstanpy - INFO - Chain [1] done processing
01:23:59 - cmdstanpy - INFO - Chain [1] start processing
01:23:59 - cmdstanpy - INFO - Chain [1] done processing
01:23:59 - cmdstanpy - INFO - Chain [1] start processing
01:23:59 - cmdstanpy - INFO - Chain [1] done processing
01:24:00 - cmdstanpy - INFO - Chain [1] start processing
01:24:00 - cmdstanpy - INFO - Chain [1] done processing
01:24:00 - cmdstanpy - INFO - Chain [1] start processing
01:24:00 - cmdstanpy - INFO - Chain [1] done processing
01:24:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:00 - cmdstanpy - INFO - Chain [1] start processing
01:24:00 - cmdstanpy - INFO - Chain [1] done processing
01:24:01 - cmdstanpy - INFO - Chain [1] start processing
01:24:01 - cmdstanpy - INFO - Chain [1] done processing
01:24:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:24:01 - cmdstanpy - INFO - Chain [1] start processing
01:24:01 - cmdstanpy - INFO - Chain [1] done processing
01:24:01 - cmdstanpy - INFO - Chain [1] start processing
01:24:01 - cmdstanpy - INFO - Chain [1] done processing
01:24:02 - cmdstanpy - INFO - Chain [1] start processing
01:24:02 - cmdstanpy - INFO - Chain [1] done processing
01:24:02 - cmdstanpy - INFO - Chain [1] start processing
01:24:02 - cmdstanpy - INFO - Chain [1] done processing
01:24:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:02 - cmdstanpy - INFO - Chain [1] start processing
01:24:02 - cmdstanpy - INFO - Chain [1] done processing
01:24:02 - cmdstanpy - INFO - Chain [1] start processing
01:24:03 - cmdstanpy - INFO - Chain [1] done processing
01:24:03 - cmdstanpy - INFO - Chain [1] start processing
01:24:03 - cmdstanpy - INFO - Chain [1] done processing
01:24:03 - cmdstanpy - INFO - Chain [1] start processing
01:24:03 - cmdstanpy - INFO - Chain [1] done processing
01:24:04 - cmdstanpy - INFO - Chain [1] start processing
01:24:04 - cmdstanpy - INFO - Chain [1] done processing
01:24:04 - cmdstanpy - INFO - Chain [1] start processing
01:24:04 - cmdstanpy - INFO - Chain [1] done processing
01:24:04 - cmdstanpy - INFO - Chain [1] start processing
01:24:04 - cmdstanpy - INFO - Chain [1] done processing
01:24:05 - cmdstanpy - INFO - Chain [1] start processing
01:24:05 - cmdstanpy - INFO - Chain [1] done processing
01:24:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:05 - cmdstanpy - INFO - Chain [1] start processing
01:24:05 - cmdstanpy - INFO - Chain [1] done processing
01:24:05 - cmdstanpy - INFO - Chain [1] start processing
01:24:05 - cmdstanpy - INFO - Chain [1] done processing
01:24:06 - cmdstanpy - INFO - Chain [1] start processing
01:24:06 - cmdstanpy - INFO - Chain [1] done processing
01:24:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:06 - cmdstanpy - INFO - Chain [1] start processing
01:24:06 - cmdstanpy - INFO - Chain [1] done processing
01:24:06 - cmdstanpy - INFO - Chain [1] start processing
01:24:06 - cmdstanpy - INFO - Chain [1] done processing
01:24:07 - cmdstanpy - INFO - Chain [1] start processing
01:24:07 - cmdstanpy - INFO - Chain [1] done processing
01:24:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:07 - cmdstanpy - INFO - Chain [1] start processing
01:24:07 - cmdstanpy - INFO - Chain [1] done processing
01:24:07 - cmdstanpy - INFO - Chain [1] start processing
01:24:07 - cmdstanpy - INFO - Chain [1] done processing
01:24:08 - cmdstanpy - INFO - Chain [1] start processing
01:24:08 - cmdstanpy - INFO - Chain [1] done processing
01:24:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:08 - cmdstanpy - INFO - Chain [1] start processing
01:24:08 - cmdstanpy - INFO - Chain [1] done processing
01:24:08 - cmdstanpy - INFO - Chain [1] start processing
01:24:08 - cmdstanpy - INFO - Chain [1] done processing
01:24:09 - cmdstanpy - INFO - Chain [1] start processing
01:24:09 - cmdstanpy - INFO - Chain [1] done processing
01:24:09 - cmdstanpy - INFO - Chain [1] start processing
01:24:09 - cmdstanpy - INFO - Chain [1] done processing
01:24:09 - cmdstanpy - INFO - Chain [1] start processing
01:24:09 - cmdstanpy - INFO - Chain [1] done processing
01:24:10 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:24:10 - cmdstanpy - INFO - Chain [1] done processing
01:24:10 - cmdstanpy - INFO - Chain [1] start processing
01:24:10 - cmdstanpy - INFO - Chain [1] done processing
01:24:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:10 - cmdstanpy - INFO - Chain [1] start processing
01:24:10 - cmdstanpy - INFO - Chain [1] done processing
01:24:11 - cmdstanpy - INFO - Chain [1] start processing
01:24:11 - cmdstanpy - INFO - Chain [1] done processing
01:24:11 - cmdstanpy - INFO - Chain [1] start processing
01:24:11 - cmdstanpy - INFO - Chain [1] done processing
01:24:11 - cmdstanpy - INFO - Chain [1] start processing
01:24:11 - cmdstanpy - INFO - Chain [1] done processing
01:24:12 - cmdstanpy - INFO - Chain [1] start processing
01:24:12 - cmdstanpy - INFO - Chain [1] done processing
01:24:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:12 - cmdstanpy - INFO - Chain [1] start processing
01:24:12 - cmdstanpy - INFO - Chain [1] done processing
01:24:12 - cmdstanpy - INFO - Chain [1] start processing
01:24:12 - cmdstanpy - INFO - Chain [1] done processing
01:24:13 - cmdstanpy - INFO - Chain [1] start processing
01:24:13 - cmdstanpy - INFO - Chain [1] done processing
01:24:13 - cmdstanpy - INFO - Chain [1] start processing
01:24:13 - cmdstanpy - INFO - Chain [1] done processing
01:24:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:13 - cmdstanpy - INFO - Chain [1] start processing
01:24:13 - cmdstanpy - INFO - Chain [1] done processing
01:24:14 - cmdstanpy - INFO - Chain [1] start processing
01:24:14 - cmdstanpy - INFO - Chain [1] done processing
01:24:14 - cmdstanpy - INFO - Chain [1] start processing
01:24:14 - cmdstanpy - INFO - Chain [1] done processing
01:24:14 - cmdstanpy - INFO - Chain [1] start processing
01:24:14 - cmdstanpy - INFO - Chain [1] done processing
01:24:15 - cmdstanpy - INFO - Chain [1] start processing
01:24:15 - cmdstanpy - INFO - Chain [1] done processing
01:24:15 - cmdstanpy - INFO - Chain [1] start processing
01:24:15 - cmdstanpy - INFO - Chain [1] done processing
01:24:15 - cmdstanpy - INFO - Chain [1] start processing
01:24:16 - cmdstanpy - INFO - Chain [1] done processing
01:24:16 - cmdstanpy - INFO - Chain [1] start processing
01:24:16 - cmdstanpy - INFO - Chain [1] done processing
01:24:16 - cmdstanpy - INFO - Chain [1] start processing
01:24:16 - cmdstanpy - INFO - Chain [1] done processing
01:24:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:16 - cmdstanpy - INFO - Chain [1] start processing
01:24:16 - cmdstanpy - INFO - Chain [1] done processing
01:24:17 - cmdstanpy - INFO - Chain [1] start processing
01:24:17 - cmdstanpy - INFO - Chain [1] done processing
01:24:17 - cmdstanpy - INFO - Chain [1] start processing
01:24:17 - cmdstanpy - INFO - Chain [1] done processing
01:24:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:17 - cmdstanpy - INFO - Chain [1] start processing
01:24:17 - cmdstanpy - INFO - Chain [1] done processing
01:24:18 - cmdstanpy - INFO - Chain [1] start processing
01:24:18 - cmdstanpy - INFO - Chain [1] done processing
01:24:18 - cmdstanpy - INFO - Chain [1] start processing
01:24:18 - cmdstanpy - INFO - Chain [1] done processing
01:24:18 - cmdstanpy - INFO - Chain [1] start processing
01:24:19 - cmdstanpy - INFO - Chain [1] done processing
01:24:19 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:24:19 - cmdstanpy - INFO - Chain [1] done processing
01:24:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:19 - cmdstanpy - INFO - Chain [1] start processing
01:24:19 - cmdstanpy - INFO - Chain [1] done processing
01:24:20 - cmdstanpy - INFO - Chain [1] start processing
01:24:20 - cmdstanpy - INFO - Chain [1] done processing
01:24:20 - cmdstanpy - INFO - Chain [1] start processing
01:24:20 - cmdstanpy - INFO - Chain [1] done processing
01:24:20 - cmdstanpy - INFO - Chain [1] start processing
01:24:20 - cmdstanpy - INFO - Chain [1] done processing
01:24:21 - cmdstanpy - INFO - Chain [1] start processing
01:24:21 - cmdstanpy - INFO - Chain [1] done processing
01:24:21 - cmdstanpy - INFO - Chain [1] start processing
01:24:21 - cmdstanpy - INFO - Chain [1] done processing
01:24:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:21 - cmdstanpy - INFO - Chain [1] start processing
01:24:21 - cmdstanpy - INFO - Chain [1] done processing
01:24:22 - cmdstanpy - INFO - Chain [1] start processing
01:24:22 - cmdstanpy - INFO - Chain [1] done processing
01:24:22 - cmdstanpy - INFO - Chain [1] start processing
01:24:22 - cmdstanpy - INFO - Chain [1] done processing
01:24:22 - cmdstanpy - INFO - Chain [1] start processing
01:24:22 - cmdstanpy - INFO - Chain [1] done processing
01:24:23 - cmdstanpy - INFO - Chain [1] start processing
01:24:23 - cmdstanpy - INFO - Chain [1] done processing
01:24:23 - cmdstanpy - INFO - Chain [1] start processing
01:24:23 - cmdstanpy - INFO - Chain [1] done processing
01:24:23 - cmdstanpy - INFO - Chain [1] start processing
01:24:23 - cmdstanpy - INFO - Chain [1] done processing
01:24:24 - cmdstanpy - INFO - Chain [1] start processing
01:24:24 - cmdstanpy - INFO - Chain [1] done processing
01:24:24 - cmdstanpy - INFO - Chain [1] start processing
01:24:24 - cmdstanpy - INFO - Chain [1] done processing
01:24:24 - cmdstanpy - INFO - Chain [1] start processing
01:24:24 - cmdstanpy - INFO - Chain [1] done processing
01:24:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:24 - cmdstanpy - INFO - Chain [1] start processing
01:24:25 - cmdstanpy - INFO - Chain [1] done processing
01:24:25 - cmdstanpy - INFO - Chain [1] start processing
01:24:25 - cmdstanpy - INFO - Chain [1] done processing
01:24:25 - cmdstanpy - INFO - Chain [1] start processing
01:24:25 - cmdstanpy - INFO - Chain [1] done processing
01:24:26 - cmdstanpy - INFO - Chain [1] start processing
01:24:26 - cmdstanpy - INFO - Chain [1] done processing
01:24:26 - cmdstanpy - INFO - Chain [1] start processing
01:24:26 - cmdstanpy - INFO - Chain [1] done processing
01:24:26 - cmdstanpy - INFO - Chain [1] start processing
01:24:26 - cmdstanpy - INFO - Chain [1] done processing
01:24:27 - cmdstanpy - INFO - Chain [1] start processing
01:24:27 - cmdstanpy - INFO - Chain [1] done processing
01:24:27 - cmdstanpy - INFO - Chain [1] start processing
01:24:27 - cmdstanpy - INFO - Chain [1] done processing
01:24:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:27 - cmdstanpy - INFO - Chain [1] start processing
01:24:27 - cmdstanpy - INFO - Chain [1] done processing
01:24:28 - cmdstanpy - INFO - Chain [1] start processing
01:24:28 - cmdstanpy - INFO - Chain [1] done processing
01:24:28 - cmdstanpy - INFO - Chain [1] start processing
01:24:28 - cmdstanpy - INFO - Chain [1] done processing
01:24:28 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:24:28 - cmdstanpy - INFO - Chain [1] done processing
01:24:29 - cmdstanpy - INFO - Chain [1] start processing
01:24:29 - cmdstanpy - INFO - Chain [1] done processing
01:24:29 - cmdstanpy - INFO - Chain [1] start processing
01:24:29 - cmdstanpy - INFO - Chain [1] done processing
01:24:29 - cmdstanpy - INFO - Chain [1] start processing
01:24:29 - cmdstanpy - INFO - Chain [1] done processing
01:24:30 - cmdstanpy - INFO - Chain [1] start processing
01:24:30 - cmdstanpy - INFO - Chain [1] done processing
01:24:30 - cmdstanpy - INFO - Chain [1] start processing
01:24:30 - cmdstanpy - INFO - Chain [1] done processing
01:24:30 - cmdstanpy - INFO - Chain [1] start processing
01:24:30 - cmdstanpy - INFO - Chain [1] done processing
01:24:31 - cmdstanpy - INFO - Chain [1] start processing
01:24:31 - cmdstanpy - INFO - Chain [1] done processing
01:24:31 - cmdstanpy - INFO - Chain [1] start processing
01:24:31 - cmdstanpy - INFO - Chain [1] done processing
01:24:31 - cmdstanpy - INFO - Chain [1] start processing
01:24:32 - cmdstanpy - INFO - Chain [1] done processing
01:24:32 - cmdstanpy - INFO - Chain [1] start processing
01:24:32 - cmdstanpy - INFO - Chain [1] done processing
01:24:32 - cmdstanpy - INFO - Chain [1] start processing
01:24:32 - cmdstanpy - INFO - Chain [1] done processing
01:24:32 - cmdstanpy - INFO - Chain [1] start processing
01:24:33 - cmdstanpy - INFO - Chain [1] done processing
01:24:33 - cmdstanpy - INFO - Chain [1] start processing
01:24:33 - cmdstanpy - INFO - Chain [1] done processing
01:24:33 - cmdstanpy - INFO - Chain [1] start processing
01:24:33 - cmdstanpy - INFO - Chain [1] done processing
01:24:34 - cmdstanpy - INFO - Chain [1] start processing
01:24:34 - cmdstanpy - INFO - Chain [1] done processing
01:24:34 - cmdstanpy - INFO - Chain [1] start processing
01:24:34 - cmdstanpy - INFO - Chain [1] done processing
01:24:34 - cmdstanpy - INFO - Chain [1] start processing
01:24:34 - cmdstanpy - INFO - Chain [1] done processing
01:24:35 - cmdstanpy - INFO - Chain [1] start processing
01:24:35 - cmdstanpy - INFO - Chain [1] done processing
01:24:35 - cmdstanpy - INFO - Chain [1] start processing
01:24:35 - cmdstanpy - INFO - Chain [1] done processing
01:24:35 - cmdstanpy - INFO - Chain [1] start processing
01:24:35 - cmdstanpy - INFO - Chain [1] done processing
01:24:36 - cmdstanpy - INFO - Chain [1] start processing
01:24:36 - cmdstanpy - INFO - Chain [1] done processing
01:24:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:36 - cmdstanpy - INFO - Chain [1] start processing
01:24:36 - cmdstanpy - INFO - Chain [1] done processing
01:24:36 - cmdstanpy - INFO - Chain [1] start processing
01:24:36 - cmdstanpy - INFO - Chain [1] done processing
01:24:37 - cmdstanpy - INFO - Chain [1] start processing
01:24:37 - cmdstanpy - INFO - Chain [1] done processing
01:24:37 - cmdstanpy - INFO - Chain [1] start processing
01:24:37 - cmdstanpy - INFO - Chain [1] done processing
01:24:37 - cmdstanpy - INFO - Chain [1] start processing
01:24:37 - cmdstanpy - INFO - Chain [1] done processing
01:24:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:37 - cmdstanpy - INFO - Chain [1] start processing
01:24:38 - cmdstanpy - INFO - Chain [1] done processing
01:24:38 - cmdstanpy - INFO - Chain [1] start processing
01:24:38 - cmdstanpy - INFO - Chain [1] done processing
01:24:38 - cmdstanpy - INFO - Chain [1] start processing
01:24:38 - cmdstanpy - INFO - Chain [1] done processing
```

01:24:39 - cmdstanpy - INFO - Chain [1] start processing

```
01:24:39 - cmdstanpy - INFO - Chain [1] done processing
01:24:39 - cmdstanpy - INFO - Chain [1] start processing
01:24:39 - cmdstanpy - INFO - Chain [1] done processing
01:24:39 - cmdstanpy - INFO - Chain [1] start processing
01:24:39 - cmdstanpy - INFO - Chain [1] done processing
01:24:40 - cmdstanpy - INFO - Chain [1] start processing
01:24:40 - cmdstanpy - INFO - Chain [1] done processing
01:24:40 - cmdstanpy - INFO - Chain [1] start processing
01:24:40 - cmdstanpy - INFO - Chain [1] done processing
01:24:40 - cmdstanpy - INFO - Chain [1] start processing
01:24:40 - cmdstanpy - INFO - Chain [1] done processing
01:24:41 - cmdstanpy - INFO - Chain [1] start processing
01:24:41 - cmdstanpy - INFO - Chain [1] done processing
01:24:41 - cmdstanpy - INFO - Chain [1] start processing
01:24:41 - cmdstanpy - INFO - Chain [1] done processing
01:24:42 - cmdstanpy - INFO - Chain [1] start processing
01:24:42 - cmdstanpy - INFO - Chain [1] done processing
01:24:42 - cmdstanpy - INFO - Chain [1] start processing
01:24:42 - cmdstanpy - INFO - Chain [1] done processing
01:24:42 - cmdstanpy - INFO - Chain [1] start processing
01:24:42 - cmdstanpy - INFO - Chain [1] done processing
01:24:42 - cmdstanpy - INFO - Chain [1] start processing
01:24:43 - cmdstanpy - INFO - Chain [1] done processing
01:24:43 - cmdstanpy - INFO - Chain [1] start processing
01:24:43 - cmdstanpy - INFO - Chain [1] done processing
01:24:43 - cmdstanpy - INFO - Chain [1] start processing
01:24:43 - cmdstanpy - INFO - Chain [1] done processing
01:24:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:43 - cmdstanpy - INFO - Chain [1] start processing
01:24:43 - cmdstanpy - INFO - Chain [1] done processing
01:24:44 - cmdstanpy - INFO - Chain [1] start processing
01:24:44 - cmdstanpy - INFO - Chain [1] done processing
01:24:44 - cmdstanpy - INFO - Chain [1] start processing
01:24:44 - cmdstanpy - INFO - Chain [1] done processing
01:24:44 - cmdstanpy - INFO - Chain [1] start processing
01:24:44 - cmdstanpy - INFO - Chain [1] done processing
01:24:45 - cmdstanpy - INFO - Chain [1] start processing
01:24:45 - cmdstanpy - INFO - Chain [1] done processing
01:24:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:45 - cmdstanpy - INFO - Chain [1] start processing
01:24:45 - cmdstanpy - INFO - Chain [1] done processing
01:24:46 - cmdstanpy - INFO - Chain [1] start processing
01:24:46 - cmdstanpy - INFO - Chain [1] done processing
01:24:46 - cmdstanpy - INFO - Chain [1] start processing
01:24:46 - cmdstanpy - INFO - Chain [1] done processing
01:24:46 - cmdstanpy - INFO - Chain [1] start processing
01:24:46 - cmdstanpy - INFO - Chain [1] done processing
01:24:47 - cmdstanpy - INFO - Chain [1] start processing
01:24:47 - cmdstanpy - INFO - Chain [1] done processing
01:24:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:47 - cmdstanpy - INFO - Chain [1] start processing
01:24:47 - cmdstanpy - INFO - Chain [1] done processing
01:24:47 - cmdstanpy - INFO - Chain [1] start processing
01:24:47 - cmdstanpy - INFO - Chain [1] done processing
01:24:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:47 - cmdstanpy - INFO - Chain [1] start processing
01:24:48 - cmdstanpy - INFO - Chain [1] done processing
01:24:48 - cmdstanpy - INFO - Chain [1] start processing
01:24:48 - cmdstanpy - INFO - Chain [1] done processing
01:24:48 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:24:48 - cmdstanpy - INFO - Chain [1] done processing
01:24:49 - cmdstanpy - INFO - Chain [1] start processing
01:24:49 - cmdstanpy - INFO - Chain [1] done processing
01:24:49 - cmdstanpy - INFO - Chain [1] start processing
01:24:49 - cmdstanpy - INFO - Chain [1] done processing
01:24:49 - cmdstanpy - INFO - Chain [1] start processing
01:24:49 - cmdstanpy - INFO - Chain [1] done processing
01:24:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:49 - cmdstanpy - INFO - Chain [1] start processing
01:24:50 - cmdstanpy - INFO - Chain [1] done processing
01:24:50 - cmdstanpy - INFO - Chain [1] start processing
01:24:50 - cmdstanpy - INFO - Chain [1] done processing
01:24:50 - cmdstanpy - INFO - Chain [1] start processing
01:24:50 - cmdstanpy - INFO - Chain [1] done processing
01:24:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:50 - cmdstanpy - INFO - Chain [1] start processing
01:24:51 - cmdstanpy - INFO - Chain [1] done processing
01:24:51 - cmdstanpy - INFO - Chain [1] start processing
01:24:51 - cmdstanpy - INFO - Chain [1] done processing
01:24:51 - cmdstanpy - INFO - Chain [1] start processing
01:24:51 - cmdstanpy - INFO - Chain [1] done processing
01:24:52 - cmdstanpy - INFO - Chain [1] start processing
01:24:52 - cmdstanpy - INFO - Chain [1] done processing
01:24:52 - cmdstanpy - INFO - Chain [1] start processing
01:24:52 - cmdstanpy - INFO - Chain [1] done processing
01:24:52 - cmdstanpy - INFO - Chain [1] start processing
01:24:52 - cmdstanpy - INFO - Chain [1] done processing
01:24:53 - cmdstanpy - INFO - Chain [1] start processing
01:24:53 - cmdstanpy - INFO - Chain [1] done processing
01:24:53 - cmdstanpy - INFO - Chain [1] start processing
01:24:53 - cmdstanpy - INFO - Chain [1] done processing
01:24:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:53 - cmdstanpy - INFO - Chain [1] start processing
01:24:53 - cmdstanpy - INFO - Chain [1] done processing
01:24:53 - cmdstanpy - INFO - Chain [1] start processing
01:24:53 - cmdstanpy - INFO - Chain [1] done processing
01:24:54 - cmdstanpy - INFO - Chain [1] start processing
01:24:54 - cmdstanpy - INFO - Chain [1] done processing
01:24:54 - cmdstanpy - INFO - Chain [1] start processing
01:24:54 - cmdstanpy - INFO - Chain [1] done processing
01:24:54 - cmdstanpy - INFO - Chain [1] start processing
01:24:54 - cmdstanpy - INFO - Chain [1] done processing
01:24:55 - cmdstanpy - INFO - Chain [1] start processing
01:24:55 - cmdstanpy - INFO - Chain [1] done processing
01:24:55 - cmdstanpy - INFO - Chain [1] start processing
01:24:55 - cmdstanpy - INFO - Chain [1] done processing
01:24:55 - cmdstanpy - INFO - Chain [1] start processing
01:24:55 - cmdstanpy - INFO - Chain [1] done processing
01:24:56 - cmdstanpy - INFO - Chain [1] start processing
01:24:56 - cmdstanpy - INFO - Chain [1] done processing
01:24:56 - cmdstanpy - INFO - Chain [1] start processing
01:24:56 - cmdstanpy - INFO - Chain [1] done processing
01:24:56 - cmdstanpy - INFO - Chain [1] start processing
01:24:56 - cmdstanpy - INFO - Chain [1] done processing
01:24:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:57 - cmdstanpy - INFO - Chain [1] start processing
01:24:57 - cmdstanpy - INFO - Chain [1] done processing
01:24:57 - cmdstanpy - INFO - Chain [1] start processing
01:24:57 - cmdstanpy - INFO - Chain [1] done processing
01:24:57 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:24:57 - cmdstanpy - INFO - Chain [1] done processing
01:24:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:24:57 - cmdstanpy - INFO - Chain [1] start processing
01:24:58 - cmdstanpy - INFO - Chain [1] done processing
01:24:59 - cmdstanpy - INFO - Chain [1] start processing
01:24:59 - cmdstanpy - INFO - Chain [1] done processing
01:24:59 - cmdstanpy - INFO - Chain [1] start processing
01:24:59 - cmdstanpy - INFO - Chain [1] done processing
01:24:59 - cmdstanpy - INFO - Chain [1] start processing
01:24:59 - cmdstanpy - INFO - Chain [1] done processing
01:25:00 - cmdstanpy - INFO - Chain [1] start processing
01:25:00 - cmdstanpy - INFO - Chain [1] done processing
01:25:00 - cmdstanpy - INFO - Chain [1] start processing
01:25:00 - cmdstanpy - INFO - Chain [1] done processing
01:25:00 - cmdstanpy - INFO - Chain [1] start processing
01:25:00 - cmdstanpy - INFO - Chain [1] done processing
01:25:01 - cmdstanpy - INFO - Chain [1] start processing
01:25:01 - cmdstanpy - INFO - Chain [1] done processing
01:25:01 - cmdstanpy - INFO - Chain [1] start processing
01:25:01 - cmdstanpy - INFO - Chain [1] done processing
01:25:01 - cmdstanpy - INFO - Chain [1] start processing
01:25:02 - cmdstanpy - INFO - Chain [1] done processing
01:25:02 - cmdstanpy - INFO - Chain [1] start processing
01:25:02 - cmdstanpy - INFO - Chain [1] done processing
01:25:02 - cmdstanpy - INFO - Chain [1] start processing
01:25:02 - cmdstanpy - INFO - Chain [1] done processing
01:25:03 - cmdstanpy - INFO - Chain [1] start processing
01:25:03 - cmdstanpy - INFO - Chain [1] done processing
01:25:03 - cmdstanpy - INFO - Chain [1] start processing
01:25:03 - cmdstanpy - INFO - Chain [1] done processing
01:25:03 - cmdstanpy - INFO - Chain [1] start processing
01:25:03 - cmdstanpy - INFO - Chain [1] done processing
01:25:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:03 - cmdstanpy - INFO - Chain [1] start processing
01:25:04 - cmdstanpy - INFO - Chain [1] done processing
01:25:04 - cmdstanpy - INFO - Chain [1] start processing
01:25:04 - cmdstanpy - INFO - Chain [1] done processing
01:25:04 - cmdstanpy - INFO - Chain [1] start processing
01:25:04 - cmdstanpy - INFO - Chain [1] done processing
01:25:05 - cmdstanpy - INFO - Chain [1] start processing
01:25:05 - cmdstanpy - INFO - Chain [1] done processing
01:25:05 - cmdstanpy - INFO - Chain [1] start processing
01:25:05 - cmdstanpy - INFO - Chain [1] done processing
01:25:05 - cmdstanpy - INFO - Chain [1] start processing
01:25:05 - cmdstanpy - INFO - Chain [1] done processing
01:25:06 - cmdstanpy - INFO - Chain [1] start processing
01:25:06 - cmdstanpy - INFO - Chain [1] done processing
01:25:06 - cmdstanpy - INFO - Chain [1] start processing
01:25:06 - cmdstanpy - INFO - Chain [1] done processing
01:25:06 - cmdstanpy - INFO - Chain [1] start processing
01:25:06 - cmdstanpy - INFO - Chain [1] done processing
01:25:07 - cmdstanpy - INFO - Chain [1] start processing
01:25:07 - cmdstanpy - INFO - Chain [1] done processing
01:25:07 - cmdstanpy - INFO - Chain [1] start processing
01:25:07 - cmdstanpy - INFO - Chain [1] done processing
01:25:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:07 - cmdstanpy - INFO - Chain [1] start processing
01:25:07 - cmdstanpy - INFO - Chain [1] done processing
01:25:08 - cmdstanpy - INFO - Chain [1] start processing
01:25:08 - cmdstanpy - INFO - Chain [1] done processing
01:25:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:25:08 - cmdstanpy - INFO - Chain [1] done processing
01:25:09 - cmdstanpy - INFO - Chain [1] start processing
01:25:09 - cmdstanpy - INFO - Chain [1] done processing
01:25:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:09 - cmdstanpy - INFO - Chain [1] start processing
01:25:09 - cmdstanpy - INFO - Chain [1] done processing
01:25:09 - cmdstanpy - INFO - Chain [1] start processing
01:25:09 - cmdstanpy - INFO - Chain [1] done processing
01:25:10 - cmdstanpy - INFO - Chain [1] start processing
01:25:10 - cmdstanpy - INFO - Chain [1] done processing
01:25:10 - cmdstanpy - INFO - Chain [1] start processing
01:25:10 - cmdstanpy - INFO - Chain [1] done processing
01:25:10 - cmdstanpy - INFO - Chain [1] start processing
01:25:10 - cmdstanpy - INFO - Chain [1] done processing
01:25:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:10 - cmdstanpy - INFO - Chain [1] start processing
01:25:11 - cmdstanpy - INFO - Chain [1] done processing
01:25:11 - cmdstanpy - INFO - Chain [1] start processing
01:25:11 - cmdstanpy - INFO - Chain [1] done processing
01:25:11 - cmdstanpy - INFO - Chain [1] start processing
01:25:11 - cmdstanpy - INFO - Chain [1] done processing
01:25:12 - cmdstanpy - INFO - Chain [1] start processing
01:25:12 - cmdstanpy - INFO - Chain [1] done processing
01:25:12 - cmdstanpy - INFO - Chain [1] start processing
01:25:12 - cmdstanpy - INFO - Chain [1] done processing
01:25:12 - cmdstanpy - INFO - Chain [1] start processing
01:25:12 - cmdstanpy - INFO - Chain [1] done processing
01:25:13 - cmdstanpy - INFO - Chain [1] start processing
01:25:13 - cmdstanpy - INFO - Chain [1] done processing
01:25:13 - cmdstanpy - INFO - Chain [1] start processing
01:25:13 - cmdstanpy - INFO - Chain [1] done processing
01:25:13 - cmdstanpy - INFO - Chain [1] start processing
01:25:13 - cmdstanpy - INFO - Chain [1] done processing
01:25:14 - cmdstanpy - INFO - Chain [1] start processing
01:25:14 - cmdstanpy - INFO - Chain [1] done processing
01:25:14 - cmdstanpy - INFO - Chain [1] start processing
01:25:14 - cmdstanpy - INFO - Chain [1] done processing
01:25:14 - cmdstanpy - INFO - Chain [1] start processing
01:25:14 - cmdstanpy - INFO - Chain [1] done processing
01:25:15 - cmdstanpy - INFO - Chain [1] start processing
01:25:15 - cmdstanpy - INFO - Chain [1] done processing
01:25:15 - cmdstanpy - INFO - Chain [1] start processing
01:25:15 - cmdstanpy - INFO - Chain [1] done processing
01:25:16 - cmdstanpy - INFO - Chain [1] start processing
01:25:16 - cmdstanpy - INFO - Chain [1] done processing
01:25:16 - cmdstanpy - INFO - Chain [1] start processing
01:25:16 - cmdstanpy - INFO - Chain [1] done processing
01:25:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:16 - cmdstanpy - INFO - Chain [1] start processing
01:25:16 - cmdstanpy - INFO - Chain [1] done processing
01:25:17 - cmdstanpy - INFO - Chain [1] start processing
01:25:17 - cmdstanpy - INFO - Chain [1] done processing
01:25:17 - cmdstanpy - INFO - Chain [1] start processing
01:25:17 - cmdstanpy - INFO - Chain [1] done processing
01:25:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:17 - cmdstanpy - INFO - Chain [1] start processing
01:25:17 - cmdstanpy - INFO - Chain [1] done processing
01:25:17 - cmdstanpy - INFO - Chain [1] start processing
01:25:18 - cmdstanpy - INFO - Chain [1] done processing
01:25:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:25:18 - cmdstanpy - INFO - Chain [1] done processing
01:25:18 - cmdstanpy - INFO - Chain [1] start processing
01:25:18 - cmdstanpy - INFO - Chain [1] done processing
01:25:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:18 - cmdstanpy - INFO - Chain [1] start processing
01:25:18 - cmdstanpy - INFO - Chain [1] done processing
01:25:19 - cmdstanpy - INFO - Chain [1] start processing
01:25:19 - cmdstanpy - INFO - Chain [1] done processing
01:25:19 - cmdstanpy - INFO - Chain [1] start processing
01:25:19 - cmdstanpy - INFO - Chain [1] done processing
01:25:19 - cmdstanpy - INFO - Chain [1] start processing
01:25:19 - cmdstanpy - INFO - Chain [1] done processing
01:25:20 - cmdstanpy - INFO - Chain [1] start processing
01:25:20 - cmdstanpy - INFO - Chain [1] done processing
01:25:20 - cmdstanpy - INFO - Chain [1] start processing
01:25:20 - cmdstanpy - INFO - Chain [1] done processing
01:25:20 - cmdstanpy - INFO - Chain [1] start processing
01:25:21 - cmdstanpy - INFO - Chain [1] done processing
01:25:21 - cmdstanpy - INFO - Chain [1] start processing
01:25:21 - cmdstanpy - INFO - Chain [1] done processing
01:25:21 - cmdstanpy - INFO - Chain [1] start processing
01:25:21 - cmdstanpy - INFO - Chain [1] done processing
01:25:22 - cmdstanpy - INFO - Chain [1] start processing
01:25:22 - cmdstanpy - INFO - Chain [1] done processing
01:25:22 - cmdstanpy - INFO - Chain [1] start processing
01:25:22 - cmdstanpy - INFO - Chain [1] done processing
01:25:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:22 - cmdstanpy - INFO - Chain [1] start processing
01:25:22 - cmdstanpy - INFO - Chain [1] done processing
01:25:23 - cmdstanpy - INFO - Chain [1] start processing
01:25:23 - cmdstanpy - INFO - Chain [1] done processing
01:25:23 - cmdstanpy - INFO - Chain [1] start processing
01:25:23 - cmdstanpy - INFO - Chain [1] done processing
01:25:23 - cmdstanpy - INFO - Chain [1] start processing
01:25:23 - cmdstanpy - INFO - Chain [1] done processing
01:25:24 - cmdstanpy - INFO - Chain [1] start processing
01:25:24 - cmdstanpy - INFO - Chain [1] done processing
01:25:24 - cmdstanpy - INFO - Chain [1] start processing
01:25:24 - cmdstanpy - INFO - Chain [1] done processing
01:25:24 - cmdstanpy - INFO - Chain [1] start processing
01:25:24 - cmdstanpy - INFO - Chain [1] done processing
01:25:25 - cmdstanpy - INFO - Chain [1] start processing
01:25:25 - cmdstanpy - INFO - Chain [1] done processing
01:25:25 - cmdstanpy - INFO - Chain [1] start processing
01:25:25 - cmdstanpy - INFO - Chain [1] done processing
01:25:25 - cmdstanpy - INFO - Chain [1] start processing
01:25:25 - cmdstanpy - INFO - Chain [1] done processing
01:25:26 - cmdstanpy - INFO - Chain [1] start processing
01:25:26 - cmdstanpy - INFO - Chain [1] done processing
01:25:26 - cmdstanpy - INFO - Chain [1] start processing
01:25:26 - cmdstanpy - INFO - Chain [1] done processing
01:25:26 - cmdstanpy - INFO - Chain [1] start processing
01:25:27 - cmdstanpy - INFO - Chain [1] done processing
01:25:27 - cmdstanpy - INFO - Chain [1] start processing
01:25:27 - cmdstanpy - INFO - Chain [1] done processing
01:25:27 - cmdstanpy - INFO - Chain [1] start processing
01:25:27 - cmdstanpy - INFO - Chain [1] done processing
01:25:28 - cmdstanpy - INFO - Chain [1] start processing
01:25:28 - cmdstanpy - INFO - Chain [1] done processing
01:25:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:28 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:25:28 - cmdstanpy - INFO - Chain [1] done processing
01:25:28 - cmdstanpy - INFO - Chain [1] start processing
01:25:28 - cmdstanpy - INFO - Chain [1] done processing
01:25:28 - cmdstanpy - INFO - Chain [1] start processing
01:25:28 - cmdstanpy - INFO - Chain [1] done processing
01:25:29 - cmdstanpy - INFO - Chain [1] start processing
01:25:29 - cmdstanpy - INFO - Chain [1] done processing
01:25:29 - cmdstanpy - INFO - Chain [1] start processing
01:25:29 - cmdstanpy - INFO - Chain [1] done processing
01:25:29 - cmdstanpy - INFO - Chain [1] start processing
01:25:29 - cmdstanpy - INFO - Chain [1] done processing
01:25:30 - cmdstanpy - INFO - Chain [1] start processing
01:25:30 - cmdstanpy - INFO - Chain [1] done processing
01:25:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:30 - cmdstanpy - INFO - Chain [1] start processing
01:25:30 - cmdstanpy - INFO - Chain [1] done processing
01:25:30 - cmdstanpy - INFO - Chain [1] start processing
01:25:30 - cmdstanpy - INFO - Chain [1] done processing
01:25:31 - cmdstanpy - INFO - Chain [1] start processing
01:25:31 - cmdstanpy - INFO - Chain [1] done processing
01:25:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:31 - cmdstanpy - INFO - Chain [1] start processing
01:25:31 - cmdstanpy - INFO - Chain [1] done processing
01:25:31 - cmdstanpy - INFO - Chain [1] start processing
01:25:31 - cmdstanpy - INFO - Chain [1] done processing
01:25:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:31 - cmdstanpy - INFO - Chain [1] start processing
01:25:32 - cmdstanpy - INFO - Chain [1] done processing
01:25:32 - cmdstanpy - INFO - Chain [1] start processing
01:25:32 - cmdstanpy - INFO - Chain [1] done processing
01:25:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:32 - cmdstanpy - INFO - Chain [1] start processing
01:25:32 - cmdstanpy - INFO - Chain [1] done processing
01:25:32 - cmdstanpy - INFO - Chain [1] start processing
01:25:32 - cmdstanpy - INFO - Chain [1] done processing
01:25:33 - cmdstanpy - INFO - Chain [1] start processing
01:25:33 - cmdstanpy - INFO - Chain [1] done processing
01:25:33 - cmdstanpy - INFO - Chain [1] start processing
01:25:33 - cmdstanpy - INFO - Chain [1] done processing
01:25:33 - cmdstanpy - INFO - Chain [1] start processing
01:25:33 - cmdstanpy - INFO - Chain [1] done processing
01:25:34 - cmdstanpy - INFO - Chain [1] start processing
01:25:34 - cmdstanpy - INFO - Chain [1] done processing
01:25:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:34 - cmdstanpy - INFO - Chain [1] start processing
01:25:34 - cmdstanpy - INFO - Chain [1] done processing
01:25:34 - cmdstanpy - INFO - Chain [1] start processing
01:25:34 - cmdstanpy - INFO - Chain [1] done processing
01:25:35 - cmdstanpy - INFO - Chain [1] start processing
01:25:35 - cmdstanpy - INFO - Chain [1] done processing
01:25:35 - cmdstanpy - INFO - Chain [1] start processing
01:25:35 - cmdstanpy - INFO - Chain [1] done processing
01:25:35 - cmdstanpy - INFO - Chain [1] start processing
01:25:35 - cmdstanpy - INFO - Chain [1] done processing
01:25:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:36 - cmdstanpy - INFO - Chain [1] start processing
01:25:36 - cmdstanpy - INFO - Chain [1] done processing
01:25:36 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:25:36 - cmdstanpy - INFO - Chain [1] done processing
01:25:36 - cmdstanpy - INFO - Chain [1] start processing
01:25:36 - cmdstanpy - INFO - Chain [1] done processing
01:25:37 - cmdstanpy - INFO - Chain [1] start processing
01:25:37 - cmdstanpy - INFO - Chain [1] done processing
01:25:37 - cmdstanpy - INFO - Chain [1] start processing
01:25:37 - cmdstanpy - INFO - Chain [1] done processing
01:25:37 - cmdstanpy - INFO - Chain [1] start processing
01:25:38 - cmdstanpy - INFO - Chain [1] done processing
01:25:38 - cmdstanpy - INFO - Chain [1] start processing
01:25:38 - cmdstanpy - INFO - Chain [1] done processing
01:25:38 - cmdstanpy - INFO - Chain [1] start processing
01:25:38 - cmdstanpy - INFO - Chain [1] done processing
01:25:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:38 - cmdstanpy - INFO - Chain [1] start processing
01:25:39 - cmdstanpy - INFO - Chain [1] done processing
01:25:39 - cmdstanpy - INFO - Chain [1] start processing
01:25:39 - cmdstanpy - INFO - Chain [1] done processing
01:25:39 - cmdstanpy - INFO - Chain [1] start processing
01:25:39 - cmdstanpy - INFO - Chain [1] done processing
01:25:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:39 - cmdstanpy - INFO - Chain [1] start processing
01:25:39 - cmdstanpy - INFO - Chain [1] done processing
01:25:40 - cmdstanpy - INFO - Chain [1] start processing
01:25:40 - cmdstanpy - INFO - Chain [1] done processing
01:25:40 - cmdstanpy - INFO - Chain [1] start processing
01:25:40 - cmdstanpy - INFO - Chain [1] done processing
01:25:40 - cmdstanpy - INFO - Chain [1] start processing
01:25:40 - cmdstanpy - INFO - Chain [1] done processing
01:25:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:40 - cmdstanpy - INFO - Chain [1] start processing
01:25:41 - cmdstanpy - INFO - Chain [1] done processing
01:25:41 - cmdstanpy - INFO - Chain [1] start processing
01:25:41 - cmdstanpy - INFO - Chain [1] done processing
01:25:41 - cmdstanpy - INFO - Chain [1] start processing
01:25:41 - cmdstanpy - INFO - Chain [1] done processing
01:25:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:41 - cmdstanpy - INFO - Chain [1] start processing
01:25:42 - cmdstanpy - INFO - Chain [1] done processing
01:25:42 - cmdstanpy - INFO - Chain [1] start processing
01:25:42 - cmdstanpy - INFO - Chain [1] done processing
01:25:42 - cmdstanpy - INFO - Chain [1] start processing
01:25:42 - cmdstanpy - INFO - Chain [1] done processing
01:25:43 - cmdstanpy - INFO - Chain [1] start processing
01:25:43 - cmdstanpy - INFO - Chain [1] done processing
01:25:43 - cmdstanpy - INFO - Chain [1] start processing
01:25:43 - cmdstanpy - INFO - Chain [1] done processing
01:25:43 - cmdstanpy - INFO - Chain [1] start processing
01:25:43 - cmdstanpy - INFO - Chain [1] done processing
01:25:44 - cmdstanpy - INFO - Chain [1] start processing
01:25:44 - cmdstanpy - INFO - Chain [1] done processing
01:25:44 - cmdstanpy - INFO - Chain [1] start processing
01:25:44 - cmdstanpy - INFO - Chain [1] done processing
01:25:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:44 - cmdstanpy - INFO - Chain [1] start processing
01:25:44 - cmdstanpy - INFO - Chain [1] done processing
01:25:45 - cmdstanpy - INFO - Chain [1] start processing
01:25:45 - cmdstanpy - INFO - Chain [1] done processing
01:25:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:25:45 - cmdstanpy - INFO - Chain [1] done processing
01:25:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:45 - cmdstanpy - INFO - Chain [1] start processing
01:25:46 - cmdstanpy - INFO - Chain [1] done processing
01:25:46 - cmdstanpy - INFO - Chain [1] start processing
01:25:46 - cmdstanpy - INFO - Chain [1] done processing
01:25:46 - cmdstanpy - INFO - Chain [1] start processing
01:25:46 - cmdstanpy - INFO - Chain [1] done processing
01:25:47 - cmdstanpy - INFO - Chain [1] start processing
01:25:47 - cmdstanpy - INFO - Chain [1] done processing
01:25:47 - cmdstanpy - INFO - Chain [1] start processing
01:25:47 - cmdstanpy - INFO - Chain [1] done processing
01:25:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:47 - cmdstanpy - INFO - Chain [1] start processing
01:25:47 - cmdstanpy - INFO - Chain [1] done processing
01:25:47 - cmdstanpy - INFO - Chain [1] start processing
01:25:48 - cmdstanpy - INFO - Chain [1] done processing
01:25:48 - cmdstanpy - INFO - Chain [1] start processing
01:25:48 - cmdstanpy - INFO - Chain [1] done processing
01:25:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:48 - cmdstanpy - INFO - Chain [1] start processing
01:25:48 - cmdstanpy - INFO - Chain [1] done processing
01:25:48 - cmdstanpy - INFO - Chain [1] start processing
01:25:48 - cmdstanpy - INFO - Chain [1] done processing
01:25:49 - cmdstanpy - INFO - Chain [1] start processing
01:25:49 - cmdstanpy - INFO - Chain [1] done processing
01:25:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:49 - cmdstanpy - INFO - Chain [1] start processing
01:25:49 - cmdstanpy - INFO - Chain [1] done processing
01:25:50 - cmdstanpy - INFO - Chain [1] start processing
01:25:50 - cmdstanpy - INFO - Chain [1] done processing
01:25:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:50 - cmdstanpy - INFO - Chain [1] start processing
01:25:50 - cmdstanpy - INFO - Chain [1] done processing
01:25:50 - cmdstanpy - INFO - Chain [1] start processing
01:25:50 - cmdstanpy - INFO - Chain [1] done processing
01:25:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:50 - cmdstanpy - INFO - Chain [1] start processing
01:25:50 - cmdstanpy - INFO - Chain [1] done processing
01:25:51 - cmdstanpy - INFO - Chain [1] start processing
01:25:51 - cmdstanpy - INFO - Chain [1] done processing
01:25:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:51 - cmdstanpy - INFO - Chain [1] start processing
01:25:51 - cmdstanpy - INFO - Chain [1] done processing
01:25:51 - cmdstanpy - INFO - Chain [1] start processing
01:25:51 - cmdstanpy - INFO - Chain [1] done processing
01:25:51 - cmdstanpy - INFO - Chain [1] start processing
01:25:52 - cmdstanpy - INFO - Chain [1] done processing
01:25:52 - cmdstanpy - INFO - Chain [1] start processing
01:25:52 - cmdstanpy - INFO - Chain [1] done processing
01:25:52 - cmdstanpy - INFO - Chain [1] start processing
01:25:52 - cmdstanpy - INFO - Chain [1] done processing
01:25:53 - cmdstanpy - INFO - Chain [1] start processing
01:25:53 - cmdstanpy - INFO - Chain [1] done processing
01:25:53 - cmdstanpy - INFO - Chain [1] start processing
01:25:53 - cmdstanpy - INFO - Chain [1] done processing
01:25:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:25:53 - cmdstanpy - INFO - Chain [1] start processing
01:25:54 - cmdstanpy - INFO - Chain [1] done processing
01:25:54 - cmdstanpy - INFO - Chain [1] start processing
01:25:54 - cmdstanpy - INFO - Chain [1] done processing
01:25:54 - cmdstanpy - INFO - Chain [1] start processing
01:25:54 - cmdstanpy - INFO - Chain [1] done processing
01:25:55 - cmdstanpy - INFO - Chain [1] start processing
01:25:55 - cmdstanpy - INFO - Chain [1] done processing
01:25:55 - cmdstanpy - INFO - Chain [1] start processing
01:25:55 - cmdstanpy - INFO - Chain [1] done processing
01:25:55 - cmdstanpy - INFO - Chain [1] start processing
01:25:55 - cmdstanpy - INFO - Chain [1] done processing
01:25:56 - cmdstanpy - INFO - Chain [1] start processing
01:25:56 - cmdstanpy - INFO - Chain [1] done processing
01:25:56 - cmdstanpy - INFO - Chain [1] start processing
01:25:56 - cmdstanpy - INFO - Chain [1] done processing
01:25:56 - cmdstanpy - INFO - Chain [1] start processing
01:25:56 - cmdstanpy - INFO - Chain [1] done processing
01:25:57 - cmdstanpy - INFO - Chain [1] start processing
01:25:57 - cmdstanpy - INFO - Chain [1] done processing
01:25:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:57 - cmdstanpy - INFO - Chain [1] start processing
01:25:57 - cmdstanpy - INFO - Chain [1] done processing
01:25:57 - cmdstanpy - INFO - Chain [1] start processing
01:25:57 - cmdstanpy - INFO - Chain [1] done processing
01:25:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:57 - cmdstanpy - INFO - Chain [1] start processing
01:25:58 - cmdstanpy - INFO - Chain [1] done processing
01:25:58 - cmdstanpy - INFO - Chain [1] start processing
01:25:58 - cmdstanpy - INFO - Chain [1] done processing
01:25:58 - cmdstanpy - INFO - Chain [1] start processing
01:25:58 - cmdstanpy - INFO - Chain [1] done processing
01:25:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:25:58 - cmdstanpy - INFO - Chain [1] start processing
01:25:58 - cmdstanpy - INFO - Chain [1] done processing
01:25:59 - cmdstanpy - INFO - Chain [1] start processing
01:25:59 - cmdstanpy - INFO - Chain [1] done processing
01:25:59 - cmdstanpy - INFO - Chain [1] start processing
01:25:59 - cmdstanpy - INFO - Chain [1] done processing
01:25:59 - cmdstanpy - INFO - Chain [1] start processing
01:25:59 - cmdstanpy - INFO - Chain [1] done processing
01:26:00 - cmdstanpy - INFO - Chain [1] start processing
01:26:00 - cmdstanpy - INFO - Chain [1] done processing
01:26:00 - cmdstanpy - INFO - Chain [1] start processing
01:26:00 - cmdstanpy - INFO - Chain [1] done processing
01:26:00 - cmdstanpy - INFO - Chain [1] start processing
01:26:00 - cmdstanpy - INFO - Chain [1] done processing
01:26:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:01 - cmdstanpy - INFO - Chain [1] start processing
01:26:01 - cmdstanpy - INFO - Chain [1] done processing
01:26:01 - cmdstanpy - INFO - Chain [1] start processing
01:26:01 - cmdstanpy - INFO - Chain [1] done processing
01:26:02 - cmdstanpy - INFO - Chain [1] start processing
01:26:02 - cmdstanpy - INFO - Chain [1] done processing
01:26:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:02 - cmdstanpy - INFO - Chain [1] start processing
01:26:02 - cmdstanpy - INFO - Chain [1] done processing
01:26:02 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:26:02 - cmdstanpy - INFO - Chain [1] done processing
01:26:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:02 - cmdstanpy - INFO - Chain [1] start processing
01:26:02 - cmdstanpy - INFO - Chain [1] done processing
01:26:03 - cmdstanpy - INFO - Chain [1] start processing
01:26:03 - cmdstanpy - INFO - Chain [1] done processing
01:26:03 - cmdstanpy - INFO - Chain [1] start processing
01:26:03 - cmdstanpy - INFO - Chain [1] done processing
01:26:03 - cmdstanpy - INFO - Chain [1] start processing
01:26:04 - cmdstanpy - INFO - Chain [1] done processing
01:26:04 - cmdstanpy - INFO - Chain [1] start processing
01:26:04 - cmdstanpy - INFO - Chain [1] done processing
01:26:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:04 - cmdstanpy - INFO - Chain [1] start processing
01:26:04 - cmdstanpy - INFO - Chain [1] done processing
01:26:04 - cmdstanpy - INFO - Chain [1] start processing
01:26:04 - cmdstanpy - INFO - Chain [1] done processing
01:26:05 - cmdstanpy - INFO - Chain [1] start processing
01:26:05 - cmdstanpy - INFO - Chain [1] done processing
01:26:05 - cmdstanpy - INFO - Chain [1] start processing
01:26:05 - cmdstanpy - INFO - Chain [1] done processing
01:26:05 - cmdstanpy - INFO - Chain [1] start processing
01:26:05 - cmdstanpy - INFO - Chain [1] done processing
01:26:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:05 - cmdstanpy - INFO - Chain [1] start processing
01:26:06 - cmdstanpy - INFO - Chain [1] done processing
01:26:06 - cmdstanpy - INFO - Chain [1] start processing
01:26:06 - cmdstanpy - INFO - Chain [1] done processing
01:26:06 - cmdstanpy - INFO - Chain [1] start processing
01:26:06 - cmdstanpy - INFO - Chain [1] done processing
01:26:07 - cmdstanpy - INFO - Chain [1] start processing
01:26:07 - cmdstanpy - INFO - Chain [1] done processing
01:26:07 - cmdstanpy - INFO - Chain [1] start processing
01:26:07 - cmdstanpy - INFO - Chain [1] done processing
01:26:07 - cmdstanpy - INFO - Chain [1] start processing
01:26:07 - cmdstanpy - INFO - Chain [1] done processing
01:26:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:07 - cmdstanpy - INFO - Chain [1] start processing
01:26:08 - cmdstanpy - INFO - Chain [1] done processing
01:26:08 - cmdstanpy - INFO - Chain [1] start processing
01:26:08 - cmdstanpy - INFO - Chain [1] done processing
01:26:08 - cmdstanpy - INFO - Chain [1] start processing
01:26:08 - cmdstanpy - INFO - Chain [1] done processing
01:26:09 - cmdstanpy - INFO - Chain [1] start processing
01:26:09 - cmdstanpy - INFO - Chain [1] done processing
01:26:09 - cmdstanpy - INFO - Chain [1] start processing
01:26:09 - cmdstanpy - INFO - Chain [1] done processing
01:26:09 - cmdstanpy - INFO - Chain [1] start processing
01:26:09 - cmdstanpy - INFO - Chain [1] done processing
01:26:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:09 - cmdstanpy - INFO - Chain [1] start processing
01:26:10 - cmdstanpy - INFO - Chain [1] done processing
01:26:10 - cmdstanpy - INFO - Chain [1] start processing
01:26:10 - cmdstanpy - INFO - Chain [1] done processing
01:26:10 - cmdstanpy - INFO - Chain [1] start processing
01:26:10 - cmdstanpy - INFO - Chain [1] done processing
01:26:11 - cmdstanpy - INFO - Chain [1] start processing
01:26:11 - cmdstanpy - INFO - Chain [1] done processing
01:26:11 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:26:11 - cmdstanpy - INFO - Chain [1] done processing
01:26:11 - cmdstanpy - INFO - Chain [1] start processing
01:26:11 - cmdstanpy - INFO - Chain [1] done processing
01:26:11 - cmdstanpy - INFO - Chain [1] start processing
01:26:12 - cmdstanpy - INFO - Chain [1] done processing
01:26:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:12 - cmdstanpy - INFO - Chain [1] start processing
01:26:12 - cmdstanpy - INFO - Chain [1] done processing
01:26:12 - cmdstanpy - INFO - Chain [1] start processing
01:26:12 - cmdstanpy - INFO - Chain [1] done processing
01:26:12 - cmdstanpy - INFO - Chain [1] start processing
01:26:13 - cmdstanpy - INFO - Chain [1] done processing
01:26:13 - cmdstanpy - INFO - Chain [1] start processing
01:26:13 - cmdstanpy - INFO - Chain [1] done processing
01:26:13 - cmdstanpy - INFO - Chain [1] start processing
01:26:13 - cmdstanpy - INFO - Chain [1] done processing
01:26:14 - cmdstanpy - INFO - Chain [1] start processing
01:26:14 - cmdstanpy - INFO - Chain [1] done processing
01:26:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:14 - cmdstanpy - INFO - Chain [1] start processing
01:26:14 - cmdstanpy - INFO - Chain [1] done processing
01:26:14 - cmdstanpy - INFO - Chain [1] start processing
01:26:14 - cmdstanpy - INFO - Chain [1] done processing
01:26:15 - cmdstanpy - INFO - Chain [1] start processing
01:26:15 - cmdstanpy - INFO - Chain [1] done processing
01:26:15 - cmdstanpy - INFO - Chain [1] start processing
01:26:15 - cmdstanpy - INFO - Chain [1] done processing
01:26:15 - cmdstanpy - INFO - Chain [1] start processing
01:26:15 - cmdstanpy - INFO - Chain [1] done processing
01:26:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:15 - cmdstanpy - INFO - Chain [1] start processing
01:26:16 - cmdstanpy - INFO - Chain [1] done processing
01:26:16 - cmdstanpy - INFO - Chain [1] start processing
01:26:16 - cmdstanpy - INFO - Chain [1] done processing
01:26:16 - cmdstanpy - INFO - Chain [1] start processing
01:26:16 - cmdstanpy - INFO - Chain [1] done processing
01:26:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:16 - cmdstanpy - INFO - Chain [1] start processing
01:26:17 - cmdstanpy - INFO - Chain [1] done processing
01:26:17 - cmdstanpy - INFO - Chain [1] start processing
01:26:17 - cmdstanpy - INFO - Chain [1] done processing
01:26:17 - cmdstanpy - INFO - Chain [1] start processing
01:26:17 - cmdstanpy - INFO - Chain [1] done processing
01:26:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:17 - cmdstanpy - INFO - Chain [1] start processing
01:26:17 - cmdstanpy - INFO - Chain [1] done processing
01:26:18 - cmdstanpy - INFO - Chain [1] start processing
01:26:18 - cmdstanpy - INFO - Chain [1] done processing
01:26:18 - cmdstanpy - INFO - Chain [1] start processing
01:26:18 - cmdstanpy - INFO - Chain [1] done processing
01:26:18 - cmdstanpy - INFO - Chain [1] start processing
01:26:19 - cmdstanpy - INFO - Chain [1] done processing
01:26:19 - cmdstanpy - INFO - Chain [1] start processing
01:26:19 - cmdstanpy - INFO - Chain [1] done processing
01:26:19 - cmdstanpy - INFO - Chain [1] start processing
01:26:19 - cmdstanpy - INFO - Chain [1] done processing
01:26:20 - cmdstanpy - INFO - Chain [1] start processing
01:26:20 - cmdstanpy - INFO - Chain [1] done processing
01:26:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:26:20 - cmdstanpy - INFO - Chain [1] start processing
01:26:20 - cmdstanpy - INFO - Chain [1] done processing
01:26:20 - cmdstanpy - INFO - Chain [1] start processing
01:26:20 - cmdstanpy - INFO - Chain [1] done processing
01:26:21 - cmdstanpy - INFO - Chain [1] start processing
01:26:21 - cmdstanpy - INFO - Chain [1] done processing
01:26:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:21 - cmdstanpy - INFO - Chain [1] start processing
01:26:21 - cmdstanpy - INFO - Chain [1] done processing
01:26:21 - cmdstanpy - INFO - Chain [1] start processing
01:26:21 - cmdstanpy - INFO - Chain [1] done processing
01:26:21 - cmdstanpy - INFO - Chain [1] start processing
01:26:21 - cmdstanpy - INFO - Chain [1] done processing
01:26:22 - cmdstanpy - INFO - Chain [1] start processing
01:26:22 - cmdstanpy - INFO - Chain [1] done processing
01:26:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:22 - cmdstanpy - INFO - Chain [1] start processing
01:26:22 - cmdstanpy - INFO - Chain [1] done processing
01:26:22 - cmdstanpy - INFO - Chain [1] start processing
01:26:23 - cmdstanpy - INFO - Chain [1] done processing
01:26:23 - cmdstanpy - INFO - Chain [1] start processing
01:26:23 - cmdstanpy - INFO - Chain [1] done processing
01:26:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:23 - cmdstanpy - INFO - Chain [1] start processing
01:26:23 - cmdstanpy - INFO - Chain [1] done processing
01:26:23 - cmdstanpy - INFO - Chain [1] start processing
01:26:23 - cmdstanpy - INFO - Chain [1] done processing
01:26:24 - cmdstanpy - INFO - Chain [1] start processing
01:26:24 - cmdstanpy - INFO - Chain [1] done processing
01:26:24 - cmdstanpy - INFO - Chain [1] start processing
01:26:24 - cmdstanpy - INFO - Chain [1] done processing
01:26:24 - cmdstanpy - INFO - Chain [1] start processing
01:26:24 - cmdstanpy - INFO - Chain [1] done processing
01:26:25 - cmdstanpy - INFO - Chain [1] start processing
01:26:25 - cmdstanpy - INFO - Chain [1] done processing
01:26:25 - cmdstanpy - INFO - Chain [1] start processing
01:26:25 - cmdstanpy - INFO - Chain [1] done processing
01:26:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:25 - cmdstanpy - INFO - Chain [1] start processing
01:26:25 - cmdstanpy - INFO - Chain [1] done processing
01:26:26 - cmdstanpy - INFO - Chain [1] start processing
01:26:26 - cmdstanpy - INFO - Chain [1] done processing
01:26:26 - cmdstanpy - INFO - Chain [1] start processing
01:26:26 - cmdstanpy - INFO - Chain [1] done processing
01:26:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:26 - cmdstanpy - INFO - Chain [1] start processing
01:26:26 - cmdstanpy - INFO - Chain [1] done processing
01:26:27 - cmdstanpy - INFO - Chain [1] start processing
01:26:27 - cmdstanpy - INFO - Chain [1] done processing
01:26:27 - cmdstanpy - INFO - Chain [1] start processing
01:26:27 - cmdstanpy - INFO - Chain [1] done processing
01:26:27 - cmdstanpy - INFO - Chain [1] start processing
01:26:27 - cmdstanpy - INFO - Chain [1] done processing
01:26:28 - cmdstanpy - INFO - Chain [1] start processing
01:26:28 - cmdstanpy - INFO - Chain [1] done processing
01:26:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:28 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:26:28 - cmdstanpy - INFO - Chain [1] done processing
01:26:28 - cmdstanpy - INFO - Chain [1] start processing
01:26:28 - cmdstanpy - INFO - Chain [1] done processing
01:26:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:28 - cmdstanpy - INFO - Chain [1] start processing
01:26:28 - cmdstanpy - INFO - Chain [1] done processing
01:26:29 - cmdstanpy - INFO - Chain [1] start processing
01:26:29 - cmdstanpy - INFO - Chain [1] done processing
01:26:29 - cmdstanpy - INFO - Chain [1] start processing
01:26:29 - cmdstanpy - INFO - Chain [1] done processing
01:26:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:29 - cmdstanpy - INFO - Chain [1] start processing
01:26:29 - cmdstanpy - INFO - Chain [1] done processing
01:26:29 - cmdstanpy - INFO - Chain [1] start processing
01:26:30 - cmdstanpy - INFO - Chain [1] done processing
01:26:30 - cmdstanpy - INFO - Chain [1] start processing
01:26:30 - cmdstanpy - INFO - Chain [1] done processing
01:26:30 - cmdstanpy - INFO - Chain [1] start processing
01:26:30 - cmdstanpy - INFO - Chain [1] done processing
01:26:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:30 - cmdstanpy - INFO - Chain [1] start processing
01:26:30 - cmdstanpy - INFO - Chain [1] done processing
01:26:31 - cmdstanpy - INFO - Chain [1] start processing
01:26:31 - cmdstanpy - INFO - Chain [1] done processing
01:26:31 - cmdstanpy - INFO - Chain [1] start processing
01:26:31 - cmdstanpy - INFO - Chain [1] done processing
01:26:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:31 - cmdstanpy - INFO - Chain [1] start processing
01:26:31 - cmdstanpy - INFO - Chain [1] done processing
01:26:32 - cmdstanpy - INFO - Chain [1] start processing
01:26:32 - cmdstanpy - INFO - Chain [1] done processing
01:26:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:32 - cmdstanpy - INFO - Chain [1] start processing
01:26:32 - cmdstanpy - INFO - Chain [1] done processing
01:26:32 - cmdstanpy - INFO - Chain [1] start processing
01:26:32 - cmdstanpy - INFO - Chain [1] done processing
01:26:33 - cmdstanpy - INFO - Chain [1] start processing
01:26:33 - cmdstanpy - INFO - Chain [1] done processing
01:26:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:33 - cmdstanpy - INFO - Chain [1] start processing
01:26:33 - cmdstanpy - INFO - Chain [1] done processing
01:26:33 - cmdstanpy - INFO - Chain [1] start processing
01:26:33 - cmdstanpy - INFO - Chain [1] done processing
01:26:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:33 - cmdstanpy - INFO - Chain [1] start processing
01:26:33 - cmdstanpy - INFO - Chain [1] done processing
01:26:34 - cmdstanpy - INFO - Chain [1] start processing
01:26:34 - cmdstanpy - INFO - Chain [1] done processing
01:26:34 - cmdstanpy - INFO - Chain [1] start processing
01:26:34 - cmdstanpy - INFO - Chain [1] done processing
01:26:34 - cmdstanpy - INFO - Chain [1] start processing
01:26:34 - cmdstanpy - INFO - Chain [1] done processing
01:26:35 - cmdstanpy - INFO - Chain [1] start processing
01:26:35 - cmdstanpy - INFO - Chain [1] done processing
01:26:35 - cmdstanpy - INFO - Chain [1] start processing
01:26:35 - cmdstanpy - INFO - Chain [1] done processing
01:26:35 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:26:36 - cmdstanpy - INFO - Chain [1] done processing
01:26:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:36 - cmdstanpy - INFO - Chain [1] start processing
01:26:36 - cmdstanpy - INFO - Chain [1] done processing
01:26:36 - cmdstanpy - INFO - Chain [1] start processing
01:26:36 - cmdstanpy - INFO - Chain [1] done processing
01:26:36 - cmdstanpy - INFO - Chain [1] start processing
01:26:37 - cmdstanpy - INFO - Chain [1] done processing
01:26:37 - cmdstanpy - INFO - Chain [1] start processing
01:26:37 - cmdstanpy - INFO - Chain [1] done processing
01:26:37 - cmdstanpy - INFO - Chain [1] start processing
01:26:37 - cmdstanpy - INFO - Chain [1] done processing
01:26:38 - cmdstanpy - INFO - Chain [1] start processing
01:26:38 - cmdstanpy - INFO - Chain [1] done processing
01:26:38 - cmdstanpy - INFO - Chain [1] start processing
01:26:38 - cmdstanpy - INFO - Chain [1] done processing
01:26:38 - cmdstanpy - INFO - Chain [1] start processing
01:26:38 - cmdstanpy - INFO - Chain [1] done processing
01:26:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:38 - cmdstanpy - INFO - Chain [1] start processing
01:26:39 - cmdstanpy - INFO - Chain [1] done processing
01:26:39 - cmdstanpy - INFO - Chain [1] start processing
01:26:39 - cmdstanpy - INFO - Chain [1] done processing
01:26:39 - cmdstanpy - INFO - Chain [1] start processing
01:26:39 - cmdstanpy - INFO - Chain [1] done processing
01:26:40 - cmdstanpy - INFO - Chain [1] start processing
01:26:40 - cmdstanpy - INFO - Chain [1] done processing
01:26:40 - cmdstanpy - INFO - Chain [1] start processing
01:26:40 - cmdstanpy - INFO - Chain [1] done processing
01:26:40 - cmdstanpy - INFO - Chain [1] start processing
01:26:40 - cmdstanpy - INFO - Chain [1] done processing
01:26:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:40 - cmdstanpy - INFO - Chain [1] start processing
01:26:41 - cmdstanpy - INFO - Chain [1] done processing
01:26:41 - cmdstanpy - INFO - Chain [1] start processing
01:26:41 - cmdstanpy - INFO - Chain [1] done processing
01:26:41 - cmdstanpy - INFO - Chain [1] start processing
01:26:41 - cmdstanpy - INFO - Chain [1] done processing
01:26:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:41 - cmdstanpy - INFO - Chain [1] start processing
01:26:42 - cmdstanpy - INFO - Chain [1] done processing
01:26:42 - cmdstanpy - INFO - Chain [1] start processing
01:26:42 - cmdstanpy - INFO - Chain [1] done processing
01:26:42 - cmdstanpy - INFO - Chain [1] start processing
01:26:43 - cmdstanpy - INFO - Chain [1] done processing
01:26:43 - cmdstanpy - INFO - Chain [1] start processing
01:26:43 - cmdstanpy - INFO - Chain [1] done processing
01:26:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:43 - cmdstanpy - INFO - Chain [1] start processing
01:26:43 - cmdstanpy - INFO - Chain [1] done processing
01:26:43 - cmdstanpy - INFO - Chain [1] start processing
01:26:43 - cmdstanpy - INFO - Chain [1] done processing
01:26:44 - cmdstanpy - INFO - Chain [1] start processing
01:26:44 - cmdstanpy - INFO - Chain [1] done processing
01:26:44 - cmdstanpy - INFO - Chain [1] start processing
01:26:44 - cmdstanpy - INFO - Chain [1] done processing
01:26:44 - cmdstanpy - INFO - Chain [1] start processing
01:26:44 - cmdstanpy - INFO - Chain [1] done processing
01:26:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:26:45 - cmdstanpy - INFO - Chain [1] done processing
01:26:45 - cmdstanpy - INFO - Chain [1] start processing
01:26:45 - cmdstanpy - INFO - Chain [1] done processing
01:26:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:45 - cmdstanpy - INFO - Chain [1] start processing
01:26:45 - cmdstanpy - INFO - Chain [1] done processing
01:26:46 - cmdstanpy - INFO - Chain [1] start processing
01:26:46 - cmdstanpy - INFO - Chain [1] done processing
01:26:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:46 - cmdstanpy - INFO - Chain [1] start processing
01:26:46 - cmdstanpy - INFO - Chain [1] done processing
01:26:46 - cmdstanpy - INFO - Chain [1] start processing
01:26:46 - cmdstanpy - INFO - Chain [1] done processing
01:26:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:46 - cmdstanpy - INFO - Chain [1] start processing
01:26:47 - cmdstanpy - INFO - Chain [1] done processing
01:26:47 - cmdstanpy - INFO - Chain [1] start processing
01:26:47 - cmdstanpy - INFO - Chain [1] done processing
01:26:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:47 - cmdstanpy - INFO - Chain [1] start processing
01:26:47 - cmdstanpy - INFO - Chain [1] done processing
01:26:47 - cmdstanpy - INFO - Chain [1] start processing
01:26:48 - cmdstanpy - INFO - Chain [1] done processing
01:26:48 - cmdstanpy - INFO - Chain [1] start processing
01:26:48 - cmdstanpy - INFO - Chain [1] done processing
01:26:48 - cmdstanpy - INFO - Chain [1] start processing
01:26:48 - cmdstanpy - INFO - Chain [1] done processing
01:26:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:48 - cmdstanpy - INFO - Chain [1] start processing
01:26:49 - cmdstanpy - INFO - Chain [1] done processing
01:26:49 - cmdstanpy - INFO - Chain [1] start processing
01:26:49 - cmdstanpy - INFO - Chain [1] done processing
01:26:49 - cmdstanpy - INFO - Chain [1] start processing
01:26:49 - cmdstanpy - INFO - Chain [1] done processing
01:26:50 - cmdstanpy - INFO - Chain [1] start processing
01:26:50 - cmdstanpy - INFO - Chain [1] done processing
01:26:50 - cmdstanpy - INFO - Chain [1] start processing
01:26:50 - cmdstanpy - INFO - Chain [1] done processing
01:26:50 - cmdstanpy - INFO - Chain [1] start processing
01:26:50 - cmdstanpy - INFO - Chain [1] done processing
01:26:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:50 - cmdstanpy - INFO - Chain [1] start processing
01:26:51 - cmdstanpy - INFO - Chain [1] done processing
01:26:51 - cmdstanpy - INFO - Chain [1] start processing
01:26:51 - cmdstanpy - INFO - Chain [1] done processing
01:26:51 - cmdstanpy - INFO - Chain [1] start processing
01:26:51 - cmdstanpy - INFO - Chain [1] done processing
01:26:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:51 - cmdstanpy - INFO - Chain [1] start processing
01:26:52 - cmdstanpy - INFO - Chain [1] done processing
01:26:52 - cmdstanpy - INFO - Chain [1] start processing
01:26:52 - cmdstanpy - INFO - Chain [1] done processing
01:26:52 - cmdstanpy - INFO - Chain [1] start processing
01:26:52 - cmdstanpy - INFO - Chain [1] done processing
01:26:53 - cmdstanpy - INFO - Chain [1] start processing
01:26:53 - cmdstanpy - INFO - Chain [1] done processing
01:26:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:26:53 - cmdstanpy - INFO - Chain [1] done processing
01:26:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:53 - cmdstanpy - INFO - Chain [1] start processing
01:26:53 - cmdstanpy - INFO - Chain [1] done processing
01:26:54 - cmdstanpy - INFO - Chain [1] start processing
01:26:54 - cmdstanpy - INFO - Chain [1] done processing
01:26:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:54 - cmdstanpy - INFO - Chain [1] start processing
01:26:54 - cmdstanpy - INFO - Chain [1] done processing
01:26:54 - cmdstanpy - INFO - Chain [1] start processing
01:26:54 - cmdstanpy - INFO - Chain [1] done processing
01:26:54 - cmdstanpy - INFO - Chain [1] start processing
01:26:55 - cmdstanpy - INFO - Chain [1] done processing
01:26:55 - cmdstanpy - INFO - Chain [1] start processing
01:26:55 - cmdstanpy - INFO - Chain [1] done processing
01:26:55 - cmdstanpy - INFO - Chain [1] start processing
01:26:55 - cmdstanpy - INFO - Chain [1] done processing
01:26:55 - cmdstanpy - INFO - Chain [1] start processing
01:26:56 - cmdstanpy - INFO - Chain [1] done processing
01:26:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:26:56 - cmdstanpy - INFO - Chain [1] start processing
01:26:56 - cmdstanpy - INFO - Chain [1] done processing
01:26:56 - cmdstanpy - INFO - Chain [1] start processing
01:26:56 - cmdstanpy - INFO - Chain [1] done processing
01:26:57 - cmdstanpy - INFO - Chain [1] start processing
01:26:57 - cmdstanpy - INFO - Chain [1] done processing
01:26:57 - cmdstanpy - INFO - Chain [1] start processing
01:26:57 - cmdstanpy - INFO - Chain [1] done processing
01:26:57 - cmdstanpy - INFO - Chain [1] start processing
01:26:57 - cmdstanpy - INFO - Chain [1] done processing
01:26:58 - cmdstanpy - INFO - Chain [1] start processing
01:26:58 - cmdstanpy - INFO - Chain [1] done processing
01:26:58 - cmdstanpy - INFO - Chain [1] start processing
01:26:58 - cmdstanpy - INFO - Chain [1] done processing
01:26:58 - cmdstanpy - INFO - Chain [1] start processing
01:26:58 - cmdstanpy - INFO - Chain [1] done processing
01:26:59 - cmdstanpy - INFO - Chain [1] start processing
01:26:59 - cmdstanpy - INFO - Chain [1] done processing
01:26:59 - cmdstanpy - INFO - Chain [1] start processing
01:26:59 - cmdstanpy - INFO - Chain [1] done processing
01:27:00 - cmdstanpy - INFO - Chain [1] start processing
01:27:00 - cmdstanpy - INFO - Chain [1] done processing
01:27:00 - cmdstanpy - INFO - Chain [1] start processing
01:27:00 - cmdstanpy - INFO - Chain [1] done processing
01:27:00 - cmdstanpy - INFO - Chain [1] start processing
01:27:00 - cmdstanpy - INFO - Chain [1] done processing
01:27:01 - cmdstanpy - INFO - Chain [1] start processing
01:27:01 - cmdstanpy - INFO - Chain [1] done processing
01:27:01 - cmdstanpy - INFO - Chain [1] start processing
01:27:01 - cmdstanpy - INFO - Chain [1] done processing
01:27:01 - cmdstanpy - INFO - Chain [1] start processing
01:27:01 - cmdstanpy - INFO - Chain [1] done processing
01:27:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:01 - cmdstanpy - INFO - Chain [1] start processing
01:27:02 - cmdstanpy - INFO - Chain [1] done processing
01:27:02 - cmdstanpy - INFO - Chain [1] start processing
01:27:02 - cmdstanpy - INFO - Chain [1] done processing
01:27:03 - cmdstanpy - INFO - Chain [1] start processing
01:27:03 - cmdstanpy - INFO - Chain [1] done processing
01:27:03 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:27:03 - cmdstanpy - INFO - Chain [1] done processing
01:27:03 - cmdstanpy - INFO - Chain [1] start processing
01:27:03 - cmdstanpy - INFO - Chain [1] done processing
01:27:04 - cmdstanpy - INFO - Chain [1] start processing
01:27:04 - cmdstanpy - INFO - Chain [1] done processing
01:27:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:04 - cmdstanpy - INFO - Chain [1] start processing
01:27:04 - cmdstanpy - INFO - Chain [1] done processing
01:27:05 - cmdstanpy - INFO - Chain [1] start processing
01:27:05 - cmdstanpy - INFO - Chain [1] done processing
01:27:05 - cmdstanpy - INFO - Chain [1] start processing
01:27:05 - cmdstanpy - INFO - Chain [1] done processing
01:27:06 - cmdstanpy - INFO - Chain [1] start processing
01:27:06 - cmdstanpy - INFO - Chain [1] done processing
01:27:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:06 - cmdstanpy - INFO - Chain [1] start processing
01:27:06 - cmdstanpy - INFO - Chain [1] done processing
01:27:06 - cmdstanpy - INFO - Chain [1] start processing
01:27:06 - cmdstanpy - INFO - Chain [1] done processing
01:27:07 - cmdstanpy - INFO - Chain [1] start processing
01:27:07 - cmdstanpy - INFO - Chain [1] done processing
01:27:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:07 - cmdstanpy - INFO - Chain [1] start processing
01:27:07 - cmdstanpy - INFO - Chain [1] done processing
01:27:08 - cmdstanpy - INFO - Chain [1] start processing
01:27:08 - cmdstanpy - INFO - Chain [1] done processing
01:27:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:08 - cmdstanpy - INFO - Chain [1] start processing
01:27:08 - cmdstanpy - INFO - Chain [1] done processing
01:27:08 - cmdstanpy - INFO - Chain [1] start processing
01:27:08 - cmdstanpy - INFO - Chain [1] done processing
01:27:08 - cmdstanpy - INFO - Chain [1] start processing
01:27:09 - cmdstanpy - INFO - Chain [1] done processing
01:27:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:09 - cmdstanpy - INFO - Chain [1] start processing
01:27:09 - cmdstanpy - INFO - Chain [1] done processing
01:27:09 - cmdstanpy - INFO - Chain [1] start processing
01:27:09 - cmdstanpy - INFO - Chain [1] done processing
01:27:09 - cmdstanpy - INFO - Chain [1] start processing
01:27:09 - cmdstanpy - INFO - Chain [1] done processing
01:27:10 - cmdstanpy - INFO - Chain [1] start processing
01:27:10 - cmdstanpy - INFO - Chain [1] done processing
01:27:10 - cmdstanpy - INFO - Chain [1] start processing
01:27:10 - cmdstanpy - INFO - Chain [1] done processing
01:27:10 - cmdstanpy - INFO - Chain [1] start processing
01:27:10 - cmdstanpy - INFO - Chain [1] done processing
01:27:11 - cmdstanpy - INFO - Chain [1] start processing
01:27:11 - cmdstanpy - INFO - Chain [1] done processing
01:27:11 - cmdstanpy - INFO - Chain [1] start processing
01:27:11 - cmdstanpy - INFO - Chain [1] done processing
01:27:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:11 - cmdstanpy - INFO - Chain [1] start processing
01:27:11 - cmdstanpy - INFO - Chain [1] done processing
01:27:12 - cmdstanpy - INFO - Chain [1] start processing
01:27:12 - cmdstanpy - INFO - Chain [1] done processing
01:27:12 - cmdstanpy - INFO - Chain [1] start processing
01:27:12 - cmdstanpy - INFO - Chain [1] done processing
01:27:12 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:27:12 - cmdstanpy - INFO - Chain [1] done processing
01:27:13 - cmdstanpy - INFO - Chain [1] start processing
01:27:13 - cmdstanpy - INFO - Chain [1] done processing
01:27:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:13 - cmdstanpy - INFO - Chain [1] start processing
01:27:13 - cmdstanpy - INFO - Chain [1] done processing
01:27:13 - cmdstanpy - INFO - Chain [1] start processing
01:27:13 - cmdstanpy - INFO - Chain [1] done processing
01:27:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:13 - cmdstanpy - INFO - Chain [1] start processing
01:27:14 - cmdstanpy - INFO - Chain [1] done processing
01:27:14 - cmdstanpy - INFO - Chain [1] start processing
01:27:14 - cmdstanpy - INFO - Chain [1] done processing
01:27:14 - cmdstanpy - INFO - Chain [1] start processing
01:27:14 - cmdstanpy - INFO - Chain [1] done processing
01:27:14 - cmdstanpy - INFO - Chain [1] start processing
01:27:15 - cmdstanpy - INFO - Chain [1] done processing
01:27:15 - cmdstanpy - INFO - Chain [1] start processing
01:27:15 - cmdstanpy - INFO - Chain [1] done processing
01:27:15 - cmdstanpy - INFO - Chain [1] start processing
01:27:15 - cmdstanpy - INFO - Chain [1] done processing
01:27:15 - cmdstanpy - INFO - Chain [1] start processing
01:27:15 - cmdstanpy - INFO - Chain [1] done processing
01:27:16 - cmdstanpy - INFO - Chain [1] start processing
01:27:16 - cmdstanpy - INFO - Chain [1] done processing
01:27:16 - cmdstanpy - INFO - Chain [1] start processing
01:27:16 - cmdstanpy - INFO - Chain [1] done processing
01:27:16 - cmdstanpy - INFO - Chain [1] start processing
01:27:16 - cmdstanpy - INFO - Chain [1] done processing
01:27:17 - cmdstanpy - INFO - Chain [1] start processing
01:27:17 - cmdstanpy - INFO - Chain [1] done processing
01:27:17 - cmdstanpy - INFO - Chain [1] start processing
01:27:17 - cmdstanpy - INFO - Chain [1] done processing
01:27:17 - cmdstanpy - INFO - Chain [1] start processing
01:27:18 - cmdstanpy - INFO - Chain [1] done processing
01:27:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:18 - cmdstanpy - INFO - Chain [1] start processing
01:27:18 - cmdstanpy - INFO - Chain [1] done processing
01:27:18 - cmdstanpy - INFO - Chain [1] start processing
01:27:18 - cmdstanpy - INFO - Chain [1] done processing
01:27:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:18 - cmdstanpy - INFO - Chain [1] start processing
01:27:18 - cmdstanpy - INFO - Chain [1] done processing
01:27:19 - cmdstanpy - INFO - Chain [1] start processing
01:27:19 - cmdstanpy - INFO - Chain [1] done processing
01:27:19 - cmdstanpy - INFO - Chain [1] start processing
01:27:19 - cmdstanpy - INFO - Chain [1] done processing
01:27:19 - cmdstanpy - INFO - Chain [1] start processing
01:27:19 - cmdstanpy - INFO - Chain [1] done processing
01:27:20 - cmdstanpy - INFO - Chain [1] start processing
01:27:20 - cmdstanpy - INFO - Chain [1] done processing
01:27:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:20 - cmdstanpy - INFO - Chain [1] start processing
01:27:20 - cmdstanpy - INFO - Chain [1] done processing
01:27:20 - cmdstanpy - INFO - Chain [1] start processing
01:27:20 - cmdstanpy - INFO - Chain [1] done processing
01:27:21 - cmdstanpy - INFO - Chain [1] start processing
01:27:21 - cmdstanpy - INFO - Chain [1] done processing
01:27:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:27:21 - cmdstanpy - INFO - Chain [1] start processing
01:27:21 - cmdstanpy - INFO - Chain [1] done processing
01:27:21 - cmdstanpy - INFO - Chain [1] start processing
01:27:21 - cmdstanpy - INFO - Chain [1] done processing
01:27:21 - cmdstanpy - INFO - Chain [1] start processing
01:27:21 - cmdstanpy - INFO - Chain [1] done processing
01:27:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:21 - cmdstanpy - INFO - Chain [1] start processing
01:27:22 - cmdstanpy - INFO - Chain [1] done processing
01:27:22 - cmdstanpy - INFO - Chain [1] start processing
01:27:22 - cmdstanpy - INFO - Chain [1] done processing
01:27:22 - cmdstanpy - INFO - Chain [1] start processing
01:27:22 - cmdstanpy - INFO - Chain [1] done processing
01:27:23 - cmdstanpy - INFO - Chain [1] start processing
01:27:23 - cmdstanpy - INFO - Chain [1] done processing
01:27:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:23 - cmdstanpy - INFO - Chain [1] start processing
01:27:23 - cmdstanpy - INFO - Chain [1] done processing
01:27:24 - cmdstanpy - INFO - Chain [1] start processing
01:27:24 - cmdstanpy - INFO - Chain [1] done processing
01:27:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:24 - cmdstanpy - INFO - Chain [1] start processing
01:27:24 - cmdstanpy - INFO - Chain [1] done processing
01:27:24 - cmdstanpy - INFO - Chain [1] start processing
01:27:24 - cmdstanpy - INFO - Chain [1] done processing
01:27:25 - cmdstanpy - INFO - Chain [1] start processing
01:27:25 - cmdstanpy - INFO - Chain [1] done processing
01:27:25 - cmdstanpy - INFO - Chain [1] start processing
01:27:25 - cmdstanpy - INFO - Chain [1] done processing
01:27:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:25 - cmdstanpy - INFO - Chain [1] start processing
01:27:25 - cmdstanpy - INFO - Chain [1] done processing
01:27:25 - cmdstanpy - INFO - Chain [1] start processing
01:27:26 - cmdstanpy - INFO - Chain [1] done processing
01:27:26 - cmdstanpy - INFO - Chain [1] start processing
01:27:26 - cmdstanpy - INFO - Chain [1] done processing
01:27:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:26 - cmdstanpy - INFO - Chain [1] start processing
01:27:26 - cmdstanpy - INFO - Chain [1] done processing
01:27:27 - cmdstanpy - INFO - Chain [1] start processing
01:27:27 - cmdstanpy - INFO - Chain [1] done processing
01:27:27 - cmdstanpy - INFO - Chain [1] start processing
01:27:27 - cmdstanpy - INFO - Chain [1] done processing
01:27:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:27 - cmdstanpy - INFO - Chain [1] start processing
01:27:27 - cmdstanpy - INFO - Chain [1] done processing
01:27:28 - cmdstanpy - INFO - Chain [1] start processing
01:27:28 - cmdstanpy - INFO - Chain [1] done processing
01:27:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:28 - cmdstanpy - INFO - Chain [1] start processing
01:27:28 - cmdstanpy - INFO - Chain [1] done processing
01:27:28 - cmdstanpy - INFO - Chain [1] start processing
01:27:28 - cmdstanpy - INFO - Chain [1] done processing
01:27:29 - cmdstanpy - INFO - Chain [1] start processing
01:27:29 - cmdstanpy - INFO - Chain [1] done processing
01:27:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:27:29 - cmdstanpy - INFO - Chain [1] start processing
01:27:29 - cmdstanpy - INFO - Chain [1] done processing
01:27:29 - cmdstanpy - INFO - Chain [1] start processing
01:27:29 - cmdstanpy - INFO - Chain [1] done processing
01:27:29 - cmdstanpy - INFO - Chain [1] start processing
01:27:30 - cmdstanpy - INFO - Chain [1] done processing
01:27:30 - cmdstanpy - INFO - Chain [1] start processing
01:27:30 - cmdstanpy - INFO - Chain [1] done processing
01:27:30 - cmdstanpy - INFO - Chain [1] start processing
01:27:30 - cmdstanpy - INFO - Chain [1] done processing
01:27:30 - cmdstanpy - INFO - Chain [1] start processing
01:27:31 - cmdstanpy - INFO - Chain [1] done processing
01:27:31 - cmdstanpy - INFO - Chain [1] start processing
01:27:31 - cmdstanpy - INFO - Chain [1] done processing
01:27:31 - cmdstanpy - INFO - Chain [1] start processing
01:27:31 - cmdstanpy - INFO - Chain [1] done processing
01:27:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:31 - cmdstanpy - INFO - Chain [1] start processing
01:27:31 - cmdstanpy - INFO - Chain [1] done processing
01:27:32 - cmdstanpy - INFO - Chain [1] start processing
01:27:32 - cmdstanpy - INFO - Chain [1] done processing
01:27:32 - cmdstanpy - INFO - Chain [1] start processing
01:27:32 - cmdstanpy - INFO - Chain [1] done processing
01:27:33 - cmdstanpy - INFO - Chain [1] start processing
01:27:33 - cmdstanpy - INFO - Chain [1] done processing
01:27:33 - cmdstanpy - INFO - Chain [1] start processing
01:27:33 - cmdstanpy - INFO - Chain [1] done processing
01:27:34 - cmdstanpy - INFO - Chain [1] start processing
01:27:34 - cmdstanpy - INFO - Chain [1] done processing
01:27:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:34 - cmdstanpy - INFO - Chain [1] start processing
01:27:34 - cmdstanpy - INFO - Chain [1] done processing
01:27:35 - cmdstanpy - INFO - Chain [1] start processing
01:27:35 - cmdstanpy - INFO - Chain [1] done processing
01:27:35 - cmdstanpy - INFO - Chain [1] start processing
01:27:35 - cmdstanpy - INFO - Chain [1] done processing
01:27:35 - cmdstanpy - INFO - Chain [1] start processing
01:27:36 - cmdstanpy - INFO - Chain [1] done processing
01:27:36 - cmdstanpy - INFO - Chain [1] start processing
01:27:36 - cmdstanpy - INFO - Chain [1] done processing
01:27:36 - cmdstanpy - INFO - Chain [1] start processing
01:27:36 - cmdstanpy - INFO - Chain [1] done processing
01:27:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:36 - cmdstanpy - INFO - Chain [1] start processing
01:27:37 - cmdstanpy - INFO - Chain [1] done processing
01:27:37 - cmdstanpy - INFO - Chain [1] start processing
01:27:37 - cmdstanpy - INFO - Chain [1] done processing
01:27:38 - cmdstanpy - INFO - Chain [1] start processing
01:27:38 - cmdstanpy - INFO - Chain [1] done processing
01:27:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:38 - cmdstanpy - INFO - Chain [1] start processing
01:27:38 - cmdstanpy - INFO - Chain [1] done processing
01:27:38 - cmdstanpy - INFO - Chain [1] start processing
01:27:38 - cmdstanpy - INFO - Chain [1] done processing
01:27:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:38 - cmdstanpy - INFO - Chain [1] start processing
01:27:38 - cmdstanpy - INFO - Chain [1] done processing
01:27:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:27:39 - cmdstanpy - INFO - Chain [1] done processing
01:27:39 - cmdstanpy - INFO - Chain [1] start processing
01:27:39 - cmdstanpy - INFO - Chain [1] done processing
01:27:40 - cmdstanpy - INFO - Chain [1] start processing
01:27:40 - cmdstanpy - INFO - Chain [1] done processing
01:27:40 - cmdstanpy - INFO - Chain [1] start processing
01:27:40 - cmdstanpy - INFO - Chain [1] done processing
01:27:41 - cmdstanpy - INFO - Chain [1] start processing
01:27:41 - cmdstanpy - INFO - Chain [1] done processing
01:27:41 - cmdstanpy - INFO - Chain [1] start processing
01:27:41 - cmdstanpy - INFO - Chain [1] done processing
01:27:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:41 - cmdstanpy - INFO - Chain [1] start processing
01:27:41 - cmdstanpy - INFO - Chain [1] done processing
01:27:42 - cmdstanpy - INFO - Chain [1] start processing
01:27:42 - cmdstanpy - INFO - Chain [1] done processing
01:27:42 - cmdstanpy - INFO - Chain [1] start processing
01:27:42 - cmdstanpy - INFO - Chain [1] done processing
01:27:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:43 - cmdstanpy - INFO - Chain [1] start processing
01:27:43 - cmdstanpy - INFO - Chain [1] done processing
01:27:43 - cmdstanpy - INFO - Chain [1] start processing
01:27:43 - cmdstanpy - INFO - Chain [1] done processing
01:27:43 - cmdstanpy - INFO - Chain [1] start processing
01:27:43 - cmdstanpy - INFO - Chain [1] done processing
01:27:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:43 - cmdstanpy - INFO - Chain [1] start processing
01:27:44 - cmdstanpy - INFO - Chain [1] done processing
01:27:44 - cmdstanpy - INFO - Chain [1] start processing
01:27:44 - cmdstanpy - INFO - Chain [1] done processing
01:27:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:44 - cmdstanpy - INFO - Chain [1] start processing
01:27:44 - cmdstanpy - INFO - Chain [1] done processing
01:27:45 - cmdstanpy - INFO - Chain [1] start processing
01:27:45 - cmdstanpy - INFO - Chain [1] done processing
01:27:45 - cmdstanpy - INFO - Chain [1] start processing
01:27:45 - cmdstanpy - INFO - Chain [1] done processing
01:27:45 - cmdstanpy - INFO - Chain [1] start processing
01:27:45 - cmdstanpy - INFO - Chain [1] done processing
01:27:46 - cmdstanpy - INFO - Chain [1] start processing
01:27:46 - cmdstanpy - INFO - Chain [1] done processing
01:27:46 - cmdstanpy - INFO - Chain [1] start processing
01:27:46 - cmdstanpy - INFO - Chain [1] done processing
01:27:46 - cmdstanpy - INFO - Chain [1] start processing
01:27:46 - cmdstanpy - INFO - Chain [1] done processing
01:27:47 - cmdstanpy - INFO - Chain [1] start processing
01:27:47 - cmdstanpy - INFO - Chain [1] done processing
01:27:47 - cmdstanpy - INFO - Chain [1] start processing
01:27:47 - cmdstanpy - INFO - Chain [1] done processing
01:27:47 - cmdstanpy - INFO - Chain [1] start processing
01:27:47 - cmdstanpy - INFO - Chain [1] done processing
01:27:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:47 - cmdstanpy - INFO - Chain [1] start processing
01:27:48 - cmdstanpy - INFO - Chain [1] done processing
01:27:48 - cmdstanpy - INFO - Chain [1] start processing
01:27:48 - cmdstanpy - INFO - Chain [1] done processing
01:27:48 - cmdstanpy - INFO - Chain [1] start processing
01:27:48 - cmdstanpy - INFO - Chain [1] done processing
01:27:49 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:27:49 - cmdstanpy - INFO - Chain [1] done processing
01:27:49 - cmdstanpy - INFO - Chain [1] start processing
01:27:49 - cmdstanpy - INFO - Chain [1] done processing
01:27:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:49 - cmdstanpy - INFO - Chain [1] start processing
01:27:49 - cmdstanpy - INFO - Chain [1] done processing
01:27:50 - cmdstanpy - INFO - Chain [1] start processing
01:27:50 - cmdstanpy - INFO - Chain [1] done processing
01:27:50 - cmdstanpy - INFO - Chain [1] start processing
01:27:50 - cmdstanpy - INFO - Chain [1] done processing
01:27:50 - cmdstanpy - INFO - Chain [1] start processing
01:27:50 - cmdstanpy - INFO - Chain [1] done processing
01:27:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:50 - cmdstanpy - INFO - Chain [1] start processing
01:27:51 - cmdstanpy - INFO - Chain [1] done processing
01:27:51 - cmdstanpy - INFO - Chain [1] start processing
01:27:51 - cmdstanpy - INFO - Chain [1] done processing
01:27:51 - cmdstanpy - INFO - Chain [1] start processing
01:27:51 - cmdstanpy - INFO - Chain [1] done processing
01:27:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:51 - cmdstanpy - INFO - Chain [1] start processing
01:27:52 - cmdstanpy - INFO - Chain [1] done processing
01:27:52 - cmdstanpy - INFO - Chain [1] start processing
01:27:52 - cmdstanpy - INFO - Chain [1] done processing
01:27:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:52 - cmdstanpy - INFO - Chain [1] start processing
01:27:52 - cmdstanpy - INFO - Chain [1] done processing
01:27:53 - cmdstanpy - INFO - Chain [1] start processing
01:27:53 - cmdstanpy - INFO - Chain [1] done processing
01:27:53 - cmdstanpy - INFO - Chain [1] start processing
01:27:53 - cmdstanpy - INFO - Chain [1] done processing
01:27:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:53 - cmdstanpy - INFO - Chain [1] start processing
01:27:53 - cmdstanpy - INFO - Chain [1] done processing
01:27:54 - cmdstanpy - INFO - Chain [1] start processing
01:27:54 - cmdstanpy - INFO - Chain [1] done processing
01:27:54 - cmdstanpy - INFO - Chain [1] start processing
01:27:54 - cmdstanpy - INFO - Chain [1] done processing
01:27:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:54 - cmdstanpy - INFO - Chain [1] start processing
01:27:54 - cmdstanpy - INFO - Chain [1] done processing
01:27:55 - cmdstanpy - INFO - Chain [1] start processing
01:27:55 - cmdstanpy - INFO - Chain [1] done processing
01:27:55 - cmdstanpy - INFO - Chain [1] start processing
01:27:55 - cmdstanpy - INFO - Chain [1] done processing
01:27:55 - cmdstanpy - INFO - Chain [1] start processing
01:27:55 - cmdstanpy - INFO - Chain [1] done processing
01:27:56 - cmdstanpy - INFO - Chain [1] start processing
01:27:56 - cmdstanpy - INFO - Chain [1] done processing
01:27:56 - cmdstanpy - INFO - Chain [1] start processing
01:27:56 - cmdstanpy - INFO - Chain [1] done processing
01:27:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:27:56 - cmdstanpy - INFO - Chain [1] start processing
01:27:57 - cmdstanpy - INFO - Chain [1] done processing
01:27:57 - cmdstanpy - INFO - Chain [1] start processing
01:27:57 - cmdstanpy - INFO - Chain [1] done processing
01:27:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:27:57 - cmdstanpy - INFO - Chain [1] start processing
01:27:57 - cmdstanpy - INFO - Chain [1] done processing
01:27:57 - cmdstanpy - INFO - Chain [1] start processing
01:27:57 - cmdstanpy - INFO - Chain [1] done processing
01:27:58 - cmdstanpy - INFO - Chain [1] start processing
01:27:58 - cmdstanpy - INFO - Chain [1] done processing
01:27:58 - cmdstanpy - INFO - Chain [1] start processing
01:27:58 - cmdstanpy - INFO - Chain [1] done processing
01:27:58 - cmdstanpy - INFO - Chain [1] start processing
01:27:58 - cmdstanpy - INFO - Chain [1] done processing
01:27:59 - cmdstanpy - INFO - Chain [1] start processing
01:27:59 - cmdstanpy - INFO - Chain [1] done processing
01:27:59 - cmdstanpy - INFO - Chain [1] start processing
01:27:59 - cmdstanpy - INFO - Chain [1] done processing
01:27:59 - cmdstanpy - INFO - Chain [1] start processing
01:27:59 - cmdstanpy - INFO - Chain [1] done processing
01:28:00 - cmdstanpy - INFO - Chain [1] start processing
01:28:00 - cmdstanpy - INFO - Chain [1] done processing
01:28:00 - cmdstanpy - INFO - Chain [1] start processing
01:28:00 - cmdstanpy - INFO - Chain [1] done processing
01:28:00 - cmdstanpy - INFO - Chain [1] start processing
01:28:00 - cmdstanpy - INFO - Chain [1] done processing
01:28:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:00 - cmdstanpy - INFO - Chain [1] start processing
01:28:01 - cmdstanpy - INFO - Chain [1] done processing
01:28:01 - cmdstanpy - INFO - Chain [1] start processing
01:28:01 - cmdstanpy - INFO - Chain [1] done processing
01:28:01 - cmdstanpy - INFO - Chain [1] start processing
01:28:01 - cmdstanpy - INFO - Chain [1] done processing
01:28:02 - cmdstanpy - INFO - Chain [1] start processing
01:28:02 - cmdstanpy - INFO - Chain [1] done processing
01:28:02 - cmdstanpy - INFO - Chain [1] start processing
01:28:02 - cmdstanpy - INFO - Chain [1] done processing
01:28:02 - cmdstanpy - INFO - Chain [1] start processing
01:28:03 - cmdstanpy - INFO - Chain [1] done processing
01:28:03 - cmdstanpy - INFO - Chain [1] start processing
01:28:03 - cmdstanpy - INFO - Chain [1] done processing
01:28:03 - cmdstanpy - INFO - Chain [1] start processing
01:28:03 - cmdstanpy - INFO - Chain [1] done processing
01:28:04 - cmdstanpy - INFO - Chain [1] start processing
01:28:04 - cmdstanpy - INFO - Chain [1] done processing
01:28:04 - cmdstanpy - INFO - Chain [1] start processing
01:28:04 - cmdstanpy - INFO - Chain [1] done processing
01:28:04 - cmdstanpy - INFO - Chain [1] start processing
01:28:04 - cmdstanpy - INFO - Chain [1] done processing
01:28:05 - cmdstanpy - INFO - Chain [1] start processing
01:28:05 - cmdstanpy - INFO - Chain [1] done processing
01:28:05 - cmdstanpy - INFO - Chain [1] start processing
01:28:05 - cmdstanpy - INFO - Chain [1] done processing
01:28:05 - cmdstanpy - INFO - Chain [1] start processing
01:28:05 - cmdstanpy - INFO - Chain [1] done processing
01:28:06 - cmdstanpy - INFO - Chain [1] start processing
01:28:06 - cmdstanpy - INFO - Chain [1] done processing
01:28:06 - cmdstanpy - INFO - Chain [1] start processing
01:28:06 - cmdstanpy - INFO - Chain [1] done processing
01:28:06 - cmdstanpy - INFO - Chain [1] start processing
01:28:06 - cmdstanpy - INFO - Chain [1] done processing
01:28:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:06 - cmdstanpy - INFO - Chain [1] start processing
01:28:07 - cmdstanpy - INFO - Chain [1] done processing
01:28:07 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:28:07 - cmdstanpy - INFO - Chain [1] done processing
01:28:07 - cmdstanpy - INFO - Chain [1] start processing
01:28:07 - cmdstanpy - INFO - Chain [1] done processing
01:28:08 - cmdstanpy - INFO - Chain [1] start processing
01:28:08 - cmdstanpy - INFO - Chain [1] done processing
01:28:08 - cmdstanpy - INFO - Chain [1] start processing
01:28:08 - cmdstanpy - INFO - Chain [1] done processing
01:28:09 - cmdstanpy - INFO - Chain [1] start processing
01:28:09 - cmdstanpy - INFO - Chain [1] done processing
01:28:09 - cmdstanpy - INFO - Chain [1] start processing
01:28:09 - cmdstanpy - INFO - Chain [1] done processing
01:28:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:09 - cmdstanpy - INFO - Chain [1] start processing
01:28:09 - cmdstanpy - INFO - Chain [1] done processing
01:28:09 - cmdstanpy - INFO - Chain [1] start processing
01:28:09 - cmdstanpy - INFO - Chain [1] done processing
01:28:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:10 - cmdstanpy - INFO - Chain [1] start processing
01:28:10 - cmdstanpy - INFO - Chain [1] done processing
01:28:10 - cmdstanpy - INFO - Chain [1] start processing
01:28:10 - cmdstanpy - INFO - Chain [1] done processing
01:28:10 - cmdstanpy - INFO - Chain [1] start processing
01:28:11 - cmdstanpy - INFO - Chain [1] done processing
01:28:11 - cmdstanpy - INFO - Chain [1] start processing
01:28:11 - cmdstanpy - INFO - Chain [1] done processing
01:28:11 - cmdstanpy - INFO - Chain [1] start processing
01:28:11 - cmdstanpy - INFO - Chain [1] done processing
01:28:11 - cmdstanpy - INFO - Chain [1] start processing
01:28:12 - cmdstanpy - INFO - Chain [1] done processing
01:28:12 - cmdstanpy - INFO - Chain [1] start processing
01:28:12 - cmdstanpy - INFO - Chain [1] done processing
01:28:12 - cmdstanpy - INFO - Chain [1] start processing
01:28:12 - cmdstanpy - INFO - Chain [1] done processing
01:28:13 - cmdstanpy - INFO - Chain [1] start processing
01:28:13 - cmdstanpy - INFO - Chain [1] done processing
01:28:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:13 - cmdstanpy - INFO - Chain [1] start processing
01:28:13 - cmdstanpy - INFO - Chain [1] done processing
01:28:13 - cmdstanpy - INFO - Chain [1] start processing
01:28:13 - cmdstanpy - INFO - Chain [1] done processing
01:28:14 - cmdstanpy - INFO - Chain [1] start processing
01:28:14 - cmdstanpy - INFO - Chain [1] done processing
01:28:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:14 - cmdstanpy - INFO - Chain [1] start processing
01:28:14 - cmdstanpy - INFO - Chain [1] done processing
01:28:14 - cmdstanpy - INFO - Chain [1] start processing
01:28:14 - cmdstanpy - INFO - Chain [1] done processing
01:28:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:14 - cmdstanpy - INFO - Chain [1] start processing
01:28:15 - cmdstanpy - INFO - Chain [1] done processing
01:28:15 - cmdstanpy - INFO - Chain [1] start processing
01:28:15 - cmdstanpy - INFO - Chain [1] done processing
01:28:15 - cmdstanpy - INFO - Chain [1] start processing
01:28:15 - cmdstanpy - INFO - Chain [1] done processing
01:28:16 - cmdstanpy - INFO - Chain [1] start processing
01:28:16 - cmdstanpy - INFO - Chain [1] done processing
01:28:16 - cmdstanpy - INFO - Chain [1] start processing
01:28:16 - cmdstanpy - INFO - Chain [1] done processing
01:28:16 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:28:16 - cmdstanpy - INFO - Chain [1] done processing
01:28:17 - cmdstanpy - INFO - Chain [1] start processing
01:28:17 - cmdstanpy - INFO - Chain [1] done processing
01:28:17 - cmdstanpy - INFO - Chain [1] start processing
01:28:17 - cmdstanpy - INFO - Chain [1] done processing
01:28:17 - cmdstanpy - INFO - Chain [1] start processing
01:28:17 - cmdstanpy - INFO - Chain [1] done processing
01:28:18 - cmdstanpy - INFO - Chain [1] start processing
01:28:18 - cmdstanpy - INFO - Chain [1] done processing
01:28:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:18 - cmdstanpy - INFO - Chain [1] start processing
01:28:18 - cmdstanpy - INFO - Chain [1] done processing
01:28:18 - cmdstanpy - INFO - Chain [1] start processing
01:28:18 - cmdstanpy - INFO - Chain [1] done processing
01:28:19 - cmdstanpy - INFO - Chain [1] start processing
01:28:19 - cmdstanpy - INFO - Chain [1] done processing
01:28:19 - cmdstanpy - INFO - Chain [1] start processing
01:28:19 - cmdstanpy - INFO - Chain [1] done processing
01:28:19 - cmdstanpy - INFO - Chain [1] start processing
01:28:19 - cmdstanpy - INFO - Chain [1] done processing
01:28:20 - cmdstanpy - INFO - Chain [1] start processing
01:28:20 - cmdstanpy - INFO - Chain [1] done processing
01:28:20 - cmdstanpy - INFO - Chain [1] start processing
01:28:20 - cmdstanpy - INFO - Chain [1] done processing
01:28:20 - cmdstanpy - INFO - Chain [1] start processing
01:28:20 - cmdstanpy - INFO - Chain [1] done processing
01:28:21 - cmdstanpy - INFO - Chain [1] start processing
01:28:21 - cmdstanpy - INFO - Chain [1] done processing
01:28:21 - cmdstanpy - INFO - Chain [1] start processing
01:28:21 - cmdstanpy - INFO - Chain [1] done processing
01:28:21 - cmdstanpy - INFO - Chain [1] start processing
01:28:21 - cmdstanpy - INFO - Chain [1] done processing
01:28:22 - cmdstanpy - INFO - Chain [1] start processing
01:28:22 - cmdstanpy - INFO - Chain [1] done processing
01:28:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:22 - cmdstanpy - INFO - Chain [1] start processing
01:28:22 - cmdstanpy - INFO - Chain [1] done processing
01:28:22 - cmdstanpy - INFO - Chain [1] start processing
01:28:22 - cmdstanpy - INFO - Chain [1] done processing
01:28:23 - cmdstanpy - INFO - Chain [1] start processing
01:28:23 - cmdstanpy - INFO - Chain [1] done processing
01:28:23 - cmdstanpy - INFO - Chain [1] start processing
01:28:23 - cmdstanpy - INFO - Chain [1] done processing
01:28:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:23 - cmdstanpy - INFO - Chain [1] start processing
01:28:24 - cmdstanpy - INFO - Chain [1] done processing
01:28:24 - cmdstanpy - INFO - Chain [1] start processing
01:28:24 - cmdstanpy - INFO - Chain [1] done processing
01:28:24 - cmdstanpy - INFO - Chain [1] start processing
01:28:24 - cmdstanpy - INFO - Chain [1] done processing
01:28:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:24 - cmdstanpy - INFO - Chain [1] start processing
01:28:25 - cmdstanpy - INFO - Chain [1] done processing
01:28:25 - cmdstanpy - INFO - Chain [1] start processing
01:28:25 - cmdstanpy - INFO - Chain [1] done processing
01:28:25 - cmdstanpy - INFO - Chain [1] start processing
01:28:25 - cmdstanpy - INFO - Chain [1] done processing
01:28:25 - cmdstanpy - INFO - Chain [1] start processing
01:28:26 - cmdstanpy - INFO - Chain [1] done processing
01:28:26 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:28:26 - cmdstanpy - INFO - Chain [1] done processing
01:28:26 - cmdstanpy - INFO - Chain [1] start processing
01:28:26 - cmdstanpy - INFO - Chain [1] done processing
01:28:27 - cmdstanpy - INFO - Chain [1] start processing
01:28:27 - cmdstanpy - INFO - Chain [1] done processing
01:28:27 - cmdstanpy - INFO - Chain [1] start processing
01:28:27 - cmdstanpy - INFO - Chain [1] done processing
01:28:27 - cmdstanpy - INFO - Chain [1] start processing
01:28:27 - cmdstanpy - INFO - Chain [1] done processing
01:28:28 - cmdstanpy - INFO - Chain [1] start processing
01:28:28 - cmdstanpy - INFO - Chain [1] done processing
01:28:28 - cmdstanpy - INFO - Chain [1] start processing
01:28:28 - cmdstanpy - INFO - Chain [1] done processing
01:28:28 - cmdstanpy - INFO - Chain [1] start processing
01:28:28 - cmdstanpy - INFO - Chain [1] done processing
01:28:29 - cmdstanpy - INFO - Chain [1] start processing
01:28:29 - cmdstanpy - INFO - Chain [1] done processing
01:28:29 - cmdstanpy - INFO - Chain [1] start processing
01:28:29 - cmdstanpy - INFO - Chain [1] done processing
01:28:29 - cmdstanpy - INFO - Chain [1] start processing
01:28:29 - cmdstanpy - INFO - Chain [1] done processing
01:28:30 - cmdstanpy - INFO - Chain [1] start processing
01:28:30 - cmdstanpy - INFO - Chain [1] done processing
01:28:30 - cmdstanpy - INFO - Chain [1] start processing
01:28:30 - cmdstanpy - INFO - Chain [1] done processing
01:28:30 - cmdstanpy - INFO - Chain [1] start processing
01:28:30 - cmdstanpy - INFO - Chain [1] done processing
01:28:31 - cmdstanpy - INFO - Chain [1] start processing
01:28:31 - cmdstanpy - INFO - Chain [1] done processing
01:28:31 - cmdstanpy - INFO - Chain [1] start processing
01:28:31 - cmdstanpy - INFO - Chain [1] done processing
01:28:31 - cmdstanpy - INFO - Chain [1] start processing
01:28:31 - cmdstanpy - INFO - Chain [1] done processing
01:28:32 - cmdstanpy - INFO - Chain [1] start processing
01:28:32 - cmdstanpy - INFO - Chain [1] done processing
01:28:32 - cmdstanpy - INFO - Chain [1] start processing
01:28:32 - cmdstanpy - INFO - Chain [1] done processing
01:28:32 - cmdstanpy - INFO - Chain [1] start processing
01:28:32 - cmdstanpy - INFO - Chain [1] done processing
01:28:33 - cmdstanpy - INFO - Chain [1] start processing
01:28:33 - cmdstanpy - INFO - Chain [1] done processing
01:28:33 - cmdstanpy - INFO - Chain [1] start processing
01:28:33 - cmdstanpy - INFO - Chain [1] done processing
01:28:34 - cmdstanpy - INFO - Chain [1] start processing
01:28:34 - cmdstanpy - INFO - Chain [1] done processing
01:28:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:34 - cmdstanpy - INFO - Chain [1] start processing
01:28:34 - cmdstanpy - INFO - Chain [1] done processing
01:28:34 - cmdstanpy - INFO - Chain [1] start processing
01:28:34 - cmdstanpy - INFO - Chain [1] done processing
01:28:34 - cmdstanpy - INFO - Chain [1] start processing
01:28:34 - cmdstanpy - INFO - Chain [1] done processing
01:28:35 - cmdstanpy - INFO - Chain [1] start processing
01:28:35 - cmdstanpy - INFO - Chain [1] done processing
01:28:35 - cmdstanpy - INFO - Chain [1] start processing
01:28:35 - cmdstanpy - INFO - Chain [1] done processing
01:28:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:35 - cmdstanpy - INFO - Chain [1] start processing
01:28:35 - cmdstanpy - INFO - Chain [1] done processing
01:28:36 - cmdstanpy - INFO - Chain [1] start processing
01:28:36 - cmdstanpy - INFO - Chain [1] done processing
01:28:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:28:36 - cmdstanpy - INFO - Chain [1] start processing
01:28:36 - cmdstanpy - INFO - Chain [1] done processing
01:28:36 - cmdstanpy - INFO - Chain [1] start processing
01:28:36 - cmdstanpy - INFO - Chain [1] done processing
01:28:37 - cmdstanpy - INFO - Chain [1] start processing
01:28:37 - cmdstanpy - INFO - Chain [1] done processing
01:28:37 - cmdstanpy - INFO - Chain [1] start processing
01:28:37 - cmdstanpy - INFO - Chain [1] done processing
01:28:37 - cmdstanpy - INFO - Chain [1] start processing
01:28:37 - cmdstanpy - INFO - Chain [1] done processing
01:28:38 - cmdstanpy - INFO - Chain [1] start processing
01:28:38 - cmdstanpy - INFO - Chain [1] done processing
01:28:38 - cmdstanpy - INFO - Chain [1] start processing
01:28:38 - cmdstanpy - INFO - Chain [1] done processing
01:28:38 - cmdstanpy - INFO - Chain [1] start processing
01:28:38 - cmdstanpy - INFO - Chain [1] done processing
01:28:39 - cmdstanpy - INFO - Chain [1] start processing
01:28:39 - cmdstanpy - INFO - Chain [1] done processing
01:28:39 - cmdstanpy - INFO - Chain [1] start processing
01:28:39 - cmdstanpy - INFO - Chain [1] done processing
01:28:40 - cmdstanpy - INFO - Chain [1] start processing
01:28:40 - cmdstanpy - INFO - Chain [1] done processing
01:28:40 - cmdstanpy - INFO - Chain [1] start processing
01:28:40 - cmdstanpy - INFO - Chain [1] done processing
01:28:40 - cmdstanpy - INFO - Chain [1] start processing
01:28:40 - cmdstanpy - INFO - Chain [1] done processing
01:28:40 - cmdstanpy - INFO - Chain [1] start processing
01:28:40 - cmdstanpy - INFO - Chain [1] done processing
01:28:41 - cmdstanpy - INFO - Chain [1] start processing
01:28:41 - cmdstanpy - INFO - Chain [1] done processing
01:28:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:41 - cmdstanpy - INFO - Chain [1] start processing
01:28:41 - cmdstanpy - INFO - Chain [1] done processing
01:28:41 - cmdstanpy - INFO - Chain [1] start processing
01:28:42 - cmdstanpy - INFO - Chain [1] done processing
01:28:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:42 - cmdstanpy - INFO - Chain [1] start processing
01:28:42 - cmdstanpy - INFO - Chain [1] done processing
01:28:42 - cmdstanpy - INFO - Chain [1] start processing
01:28:42 - cmdstanpy - INFO - Chain [1] done processing
01:28:42 - cmdstanpy - INFO - Chain [1] start processing
01:28:42 - cmdstanpy - INFO - Chain [1] done processing
01:28:43 - cmdstanpy - INFO - Chain [1] start processing
01:28:43 - cmdstanpy - INFO - Chain [1] done processing
01:28:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:43 - cmdstanpy - INFO - Chain [1] start processing
01:28:43 - cmdstanpy - INFO - Chain [1] done processing
01:28:43 - cmdstanpy - INFO - Chain [1] start processing
01:28:43 - cmdstanpy - INFO - Chain [1] done processing
01:28:44 - cmdstanpy - INFO - Chain [1] start processing
01:28:44 - cmdstanpy - INFO - Chain [1] done processing
01:28:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:44 - cmdstanpy - INFO - Chain [1] start processing
01:28:44 - cmdstanpy - INFO - Chain [1] done processing
01:28:44 - cmdstanpy - INFO - Chain [1] start processing
01:28:44 - cmdstanpy - INFO - Chain [1] done processing
01:28:45 - cmdstanpy - INFO - Chain [1] start processing
01:28:45 - cmdstanpy - INFO - Chain [1] done processing
01:28:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:28:45 - cmdstanpy - INFO - Chain [1] done processing
01:28:45 - cmdstanpy - INFO - Chain [1] start processing
01:28:45 - cmdstanpy - INFO - Chain [1] done processing
01:28:45 - cmdstanpy - INFO - Chain [1] start processing
01:28:46 - cmdstanpy - INFO - Chain [1] done processing
01:28:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:46 - cmdstanpy - INFO - Chain [1] start processing
01:28:46 - cmdstanpy - INFO - Chain [1] done processing
01:28:46 - cmdstanpy - INFO - Chain [1] start processing
01:28:46 - cmdstanpy - INFO - Chain [1] done processing
01:28:46 - cmdstanpy - INFO - Chain [1] start processing
01:28:46 - cmdstanpy - INFO - Chain [1] done processing
01:28:47 - cmdstanpy - INFO - Chain [1] start processing
01:28:47 - cmdstanpy - INFO - Chain [1] done processing
01:28:47 - cmdstanpy - INFO - Chain [1] start processing
01:28:47 - cmdstanpy - INFO - Chain [1] done processing
01:28:48 - cmdstanpy - INFO - Chain [1] start processing
01:28:48 - cmdstanpy - INFO - Chain [1] done processing
01:28:48 - cmdstanpy - INFO - Chain [1] start processing
01:28:48 - cmdstanpy - INFO - Chain [1] done processing
01:28:48 - cmdstanpy - INFO - Chain [1] start processing
01:28:48 - cmdstanpy - INFO - Chain [1] done processing
01:28:49 - cmdstanpy - INFO - Chain [1] start processing
01:28:49 - cmdstanpy - INFO - Chain [1] done processing
01:28:49 - cmdstanpy - INFO - Chain [1] start processing
01:28:49 - cmdstanpy - INFO - Chain [1] done processing
01:28:50 - cmdstanpy - INFO - Chain [1] start processing
01:28:50 - cmdstanpy - INFO - Chain [1] done processing
01:28:50 - cmdstanpy - INFO - Chain [1] start processing
01:28:51 - cmdstanpy - INFO - Chain [1] done processing
01:28:51 - cmdstanpy - INFO - Chain [1] start processing
01:28:51 - cmdstanpy - INFO - Chain [1] done processing
01:28:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:51 - cmdstanpy - INFO - Chain [1] start processing
01:28:51 - cmdstanpy - INFO - Chain [1] done processing
01:28:52 - cmdstanpy - INFO - Chain [1] start processing
01:28:52 - cmdstanpy - INFO - Chain [1] done processing
01:28:52 - cmdstanpy - INFO - Chain [1] start processing
01:28:52 - cmdstanpy - INFO - Chain [1] done processing
01:28:52 - cmdstanpy - INFO - Chain [1] start processing
01:28:52 - cmdstanpy - INFO - Chain [1] done processing
01:28:53 - cmdstanpy - INFO - Chain [1] start processing
01:28:53 - cmdstanpy - INFO - Chain [1] done processing
01:28:53 - cmdstanpy - INFO - Chain [1] start processing
01:28:53 - cmdstanpy - INFO - Chain [1] done processing
01:28:54 - cmdstanpy - INFO - Chain [1] start processing
01:28:54 - cmdstanpy - INFO - Chain [1] done processing
01:28:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:54 - cmdstanpy - INFO - Chain [1] start processing
01:28:54 - cmdstanpy - INFO - Chain [1] done processing
01:28:54 - cmdstanpy - INFO - Chain [1] start processing
01:28:54 - cmdstanpy - INFO - Chain [1] done processing
01:28:55 - cmdstanpy - INFO - Chain [1] start processing
01:28:55 - cmdstanpy - INFO - Chain [1] done processing
01:28:55 - cmdstanpy - INFO - Chain [1] start processing
01:28:55 - cmdstanpy - INFO - Chain [1] done processing
01:28:55 - cmdstanpy - INFO - Chain [1] start processing
01:28:55 - cmdstanpy - INFO - Chain [1] done processing
01:28:56 - cmdstanpy - INFO - Chain [1] start processing
01:28:56 - cmdstanpy - INFO - Chain [1] done processing
01:28:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:28:56 - cmdstanpy - INFO - Chain [1] start processing
01:28:56 - cmdstanpy - INFO - Chain [1] done processing
01:28:56 - cmdstanpy - INFO - Chain [1] start processing
01:28:56 - cmdstanpy - INFO - Chain [1] done processing
01:28:57 - cmdstanpy - INFO - Chain [1] start processing
01:28:57 - cmdstanpy - INFO - Chain [1] done processing
01:28:57 - cmdstanpy - INFO - Chain [1] start processing
01:28:57 - cmdstanpy - INFO - Chain [1] done processing
01:28:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:57 - cmdstanpy - INFO - Chain [1] start processing
01:28:57 - cmdstanpy - INFO - Chain [1] done processing
01:28:58 - cmdstanpy - INFO - Chain [1] start processing
01:28:58 - cmdstanpy - INFO - Chain [1] done processing
01:28:58 - cmdstanpy - INFO - Chain [1] start processing
01:28:58 - cmdstanpy - INFO - Chain [1] done processing
01:28:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:28:58 - cmdstanpy - INFO - Chain [1] start processing
01:28:58 - cmdstanpy - INFO - Chain [1] done processing
01:28:59 - cmdstanpy - INFO - Chain [1] start processing
01:28:59 - cmdstanpy - INFO - Chain [1] done processing
01:28:59 - cmdstanpy - INFO - Chain [1] start processing
01:28:59 - cmdstanpy - INFO - Chain [1] done processing
01:28:59 - cmdstanpy - INFO - Chain [1] start processing
01:28:59 - cmdstanpy - INFO - Chain [1] done processing
01:29:00 - cmdstanpy - INFO - Chain [1] start processing
01:29:00 - cmdstanpy - INFO - Chain [1] done processing
01:29:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:00 - cmdstanpy - INFO - Chain [1] start processing
01:29:00 - cmdstanpy - INFO - Chain [1] done processing
01:29:00 - cmdstanpy - INFO - Chain [1] start processing
01:29:00 - cmdstanpy - INFO - Chain [1] done processing
01:29:01 - cmdstanpy - INFO - Chain [1] start processing
01:29:01 - cmdstanpy - INFO - Chain [1] done processing
01:29:01 - cmdstanpy - INFO - Chain [1] start processing
01:29:01 - cmdstanpy - INFO - Chain [1] done processing
01:29:01 - cmdstanpy - INFO - Chain [1] start processing
01:29:01 - cmdstanpy - INFO - Chain [1] done processing
01:29:02 - cmdstanpy - INFO - Chain [1] start processing
01:29:02 - cmdstanpy - INFO - Chain [1] done processing
01:29:02 - cmdstanpy - INFO - Chain [1] start processing
01:29:02 - cmdstanpy - INFO - Chain [1] done processing
01:29:03 - cmdstanpy - INFO - Chain [1] start processing
01:29:03 - cmdstanpy - INFO - Chain [1] done processing
01:29:03 - cmdstanpy - INFO - Chain [1] start processing
01:29:03 - cmdstanpy - INFO - Chain [1] done processing
01:29:03 - cmdstanpy - INFO - Chain [1] start processing
01:29:03 - cmdstanpy - INFO - Chain [1] done processing
01:29:04 - cmdstanpy - INFO - Chain [1] start processing
01:29:04 - cmdstanpy - INFO - Chain [1] done processing
01:29:04 - cmdstanpy - INFO - Chain [1] start processing
01:29:04 - cmdstanpy - INFO - Chain [1] done processing
01:29:04 - cmdstanpy - INFO - Chain [1] start processing
01:29:04 - cmdstanpy - INFO - Chain [1] done processing
01:29:05 - cmdstanpy - INFO - Chain [1] start processing
01:29:05 - cmdstanpy - INFO - Chain [1] done processing
01:29:05 - cmdstanpy - INFO - Chain [1] start processing
01:29:05 - cmdstanpy - INFO - Chain [1] done processing
01:29:05 - cmdstanpy - INFO - Chain [1] start processing
01:29:05 - cmdstanpy - INFO - Chain [1] done processing
01:29:06 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:29:06 - cmdstanpy - INFO - Chain [1] done processing
01:29:06 - cmdstanpy - INFO - Chain [1] start processing
01:29:06 - cmdstanpy - INFO - Chain [1] done processing
01:29:06 - cmdstanpy - INFO - Chain [1] start processing
01:29:06 - cmdstanpy - INFO - Chain [1] done processing
01:29:07 - cmdstanpy - INFO - Chain [1] start processing
01:29:07 - cmdstanpy - INFO - Chain [1] done processing
01:29:07 - cmdstanpy - INFO - Chain [1] start processing
01:29:07 - cmdstanpy - INFO - Chain [1] done processing
01:29:07 - cmdstanpy - INFO - Chain [1] start processing
01:29:08 - cmdstanpy - INFO - Chain [1] done processing
01:29:08 - cmdstanpy - INFO - Chain [1] start processing
01:29:08 - cmdstanpy - INFO - Chain [1] done processing
01:29:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:08 - cmdstanpy - INFO - Chain [1] start processing
01:29:08 - cmdstanpy - INFO - Chain [1] done processing
01:29:09 - cmdstanpy - INFO - Chain [1] start processing
01:29:09 - cmdstanpy - INFO - Chain [1] done processing
01:29:09 - cmdstanpy - INFO - Chain [1] start processing
01:29:09 - cmdstanpy - INFO - Chain [1] done processing
01:29:09 - cmdstanpy - INFO - Chain [1] start processing
01:29:09 - cmdstanpy - INFO - Chain [1] done processing
01:29:09 - cmdstanpy - INFO - Chain [1] start processing
01:29:09 - cmdstanpy - INFO - Chain [1] done processing
01:29:10 - cmdstanpy - INFO - Chain [1] start processing
01:29:10 - cmdstanpy - INFO - Chain [1] done processing
01:29:10 - cmdstanpy - INFO - Chain [1] start processing
01:29:10 - cmdstanpy - INFO - Chain [1] done processing
01:29:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:10 - cmdstanpy - INFO - Chain [1] start processing
01:29:10 - cmdstanpy - INFO - Chain [1] done processing
01:29:10 - cmdstanpy - INFO - Chain [1] start processing
01:29:10 - cmdstanpy - INFO - Chain [1] done processing
01:29:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:11 - cmdstanpy - INFO - Chain [1] start processing
01:29:11 - cmdstanpy - INFO - Chain [1] done processing
01:29:11 - cmdstanpy - INFO - Chain [1] start processing
01:29:11 - cmdstanpy - INFO - Chain [1] done processing
01:29:11 - cmdstanpy - INFO - Chain [1] start processing
01:29:11 - cmdstanpy - INFO - Chain [1] done processing
01:29:12 - cmdstanpy - INFO - Chain [1] start processing
01:29:12 - cmdstanpy - INFO - Chain [1] done processing
01:29:12 - cmdstanpy - INFO - Chain [1] start processing
01:29:12 - cmdstanpy - INFO - Chain [1] done processing
01:29:12 - cmdstanpy - INFO - Chain [1] start processing
01:29:12 - cmdstanpy - INFO - Chain [1] done processing
01:29:13 - cmdstanpy - INFO - Chain [1] start processing
01:29:13 - cmdstanpy - INFO - Chain [1] done processing
01:29:13 - cmdstanpy - INFO - Chain [1] start processing
01:29:13 - cmdstanpy - INFO - Chain [1] done processing
01:29:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:13 - cmdstanpy - INFO - Chain [1] start processing
01:29:14 - cmdstanpy - INFO - Chain [1] done processing
01:29:14 - cmdstanpy - INFO - Chain [1] start processing
01:29:14 - cmdstanpy - INFO - Chain [1] done processing
01:29:14 - cmdstanpy - INFO - Chain [1] start processing
01:29:14 - cmdstanpy - INFO - Chain [1] done processing
01:29:14 - cmdstanpy - INFO - Chain [1] start processing
01:29:15 - cmdstanpy - INFO - Chain [1] done processing
01:29:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:29:15 - cmdstanpy - INFO - Chain [1] done processing
01:29:15 - cmdstanpy - INFO - Chain [1] start processing
01:29:15 - cmdstanpy - INFO - Chain [1] done processing
01:29:16 - cmdstanpy - INFO - Chain [1] start processing
01:29:16 - cmdstanpy - INFO - Chain [1] done processing
01:29:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:16 - cmdstanpy - INFO - Chain [1] start processing
01:29:16 - cmdstanpy - INFO - Chain [1] done processing
01:29:16 - cmdstanpy - INFO - Chain [1] start processing
01:29:16 - cmdstanpy - INFO - Chain [1] done processing
01:29:16 - cmdstanpy - INFO - Chain [1] start processing
01:29:17 - cmdstanpy - INFO - Chain [1] done processing
01:29:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:17 - cmdstanpy - INFO - Chain [1] start processing
01:29:17 - cmdstanpy - INFO - Chain [1] done processing
01:29:17 - cmdstanpy - INFO - Chain [1] start processing
01:29:17 - cmdstanpy - INFO - Chain [1] done processing
01:29:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:17 - cmdstanpy - INFO - Chain [1] start processing
01:29:17 - cmdstanpy - INFO - Chain [1] done processing
01:29:18 - cmdstanpy - INFO - Chain [1] start processing
01:29:18 - cmdstanpy - INFO - Chain [1] done processing
01:29:18 - cmdstanpy - INFO - Chain [1] start processing
01:29:18 - cmdstanpy - INFO - Chain [1] done processing
01:29:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:18 - cmdstanpy - INFO - Chain [1] start processing
01:29:18 - cmdstanpy - INFO - Chain [1] done processing
01:29:19 - cmdstanpy - INFO - Chain [1] start processing
01:29:19 - cmdstanpy - INFO - Chain [1] done processing
01:29:19 - cmdstanpy - INFO - Chain [1] start processing
01:29:19 - cmdstanpy - INFO - Chain [1] done processing
01:29:19 - cmdstanpy - INFO - Chain [1] start processing
01:29:19 - cmdstanpy - INFO - Chain [1] done processing
01:29:20 - cmdstanpy - INFO - Chain [1] start processing
01:29:20 - cmdstanpy - INFO - Chain [1] done processing
01:29:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:20 - cmdstanpy - INFO - Chain [1] start processing
01:29:20 - cmdstanpy - INFO - Chain [1] done processing
01:29:20 - cmdstanpy - INFO - Chain [1] start processing
01:29:20 - cmdstanpy - INFO - Chain [1] done processing
01:29:21 - cmdstanpy - INFO - Chain [1] start processing
01:29:21 - cmdstanpy - INFO - Chain [1] done processing
01:29:21 - cmdstanpy - INFO - Chain [1] start processing
01:29:21 - cmdstanpy - INFO - Chain [1] done processing
01:29:21 - cmdstanpy - INFO - Chain [1] start processing
01:29:21 - cmdstanpy - INFO - Chain [1] done processing
01:29:22 - cmdstanpy - INFO - Chain [1] start processing
01:29:22 - cmdstanpy - INFO - Chain [1] done processing
01:29:22 - cmdstanpy - INFO - Chain [1] start processing
01:29:22 - cmdstanpy - INFO - Chain [1] done processing
01:29:22 - cmdstanpy - INFO - Chain [1] start processing
01:29:23 - cmdstanpy - INFO - Chain [1] done processing
01:29:23 - cmdstanpy - INFO - Chain [1] start processing
01:29:23 - cmdstanpy - INFO - Chain [1] done processing
01:29:23 - cmdstanpy - INFO - Chain [1] start processing
01:29:23 - cmdstanpy - INFO - Chain [1] done processing
01:29:24 - cmdstanpy - INFO - Chain [1] start processing
01:29:24 - cmdstanpy - INFO - Chain [1] done processing
01:29:24 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:29:24 - cmdstanpy - INFO - Chain [1] done processing
01:29:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:24 - cmdstanpy - INFO - Chain [1] start processing
01:29:24 - cmdstanpy - INFO - Chain [1] done processing
01:29:24 - cmdstanpy - INFO - Chain [1] start processing
01:29:24 - cmdstanpy - INFO - Chain [1] done processing
01:29:25 - cmdstanpy - INFO - Chain [1] start processing
01:29:25 - cmdstanpy - INFO - Chain [1] done processing
01:29:25 - cmdstanpy - INFO - Chain [1] start processing
01:29:25 - cmdstanpy - INFO - Chain [1] done processing
01:29:26 - cmdstanpy - INFO - Chain [1] start processing
01:29:26 - cmdstanpy - INFO - Chain [1] done processing
01:29:26 - cmdstanpy - INFO - Chain [1] start processing
01:29:26 - cmdstanpy - INFO - Chain [1] done processing
01:29:26 - cmdstanpy - INFO - Chain [1] start processing
01:29:26 - cmdstanpy - INFO - Chain [1] done processing
01:29:27 - cmdstanpy - INFO - Chain [1] start processing
01:29:27 - cmdstanpy - INFO - Chain [1] done processing
01:29:27 - cmdstanpy - INFO - Chain [1] start processing
01:29:27 - cmdstanpy - INFO - Chain [1] done processing
01:29:27 - cmdstanpy - INFO - Chain [1] start processing
01:29:27 - cmdstanpy - INFO - Chain [1] done processing
01:29:28 - cmdstanpy - INFO - Chain [1] start processing
01:29:28 - cmdstanpy - INFO - Chain [1] done processing
01:29:28 - cmdstanpy - INFO - Chain [1] start processing
01:29:28 - cmdstanpy - INFO - Chain [1] done processing
01:29:28 - cmdstanpy - INFO - Chain [1] start processing
01:29:28 - cmdstanpy - INFO - Chain [1] done processing
01:29:29 - cmdstanpy - INFO - Chain [1] start processing
01:29:29 - cmdstanpy - INFO - Chain [1] done processing
01:29:29 - cmdstanpy - INFO - Chain [1] start processing
01:29:29 - cmdstanpy - INFO - Chain [1] done processing
01:29:29 - cmdstanpy - INFO - Chain [1] start processing
01:29:29 - cmdstanpy - INFO - Chain [1] done processing
01:29:30 - cmdstanpy - INFO - Chain [1] start processing
01:29:30 - cmdstanpy - INFO - Chain [1] done processing
01:29:30 - cmdstanpy - INFO - Chain [1] start processing
01:29:30 - cmdstanpy - INFO - Chain [1] done processing
01:29:30 - cmdstanpy - INFO - Chain [1] start processing
01:29:31 - cmdstanpy - INFO - Chain [1] done processing
01:29:31 - cmdstanpy - INFO - Chain [1] start processing
01:29:31 - cmdstanpy - INFO - Chain [1] done processing
01:29:31 - cmdstanpy - INFO - Chain [1] start processing
01:29:31 - cmdstanpy - INFO - Chain [1] done processing
01:29:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:31 - cmdstanpy - INFO - Chain [1] start processing
01:29:31 - cmdstanpy - INFO - Chain [1] done processing
01:29:32 - cmdstanpy - INFO - Chain [1] start processing
01:29:32 - cmdstanpy - INFO - Chain [1] done processing
01:29:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:32 - cmdstanpy - INFO - Chain [1] start processing
01:29:32 - cmdstanpy - INFO - Chain [1] done processing
01:29:32 - cmdstanpy - INFO - Chain [1] start processing
01:29:32 - cmdstanpy - INFO - Chain [1] done processing
01:29:33 - cmdstanpy - INFO - Chain [1] start processing
01:29:33 - cmdstanpy - INFO - Chain [1] done processing
01:29:33 - cmdstanpy - INFO - Chain [1] start processing
01:29:33 - cmdstanpy - INFO - Chain [1] done processing
01:29:33 - cmdstanpy - INFO - Chain [1] start processing
01:29:33 - cmdstanpy - INFO - Chain [1] done processing
01:29:34 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:29:34 - cmdstanpy - INFO - Chain [1] done processing
01:29:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:34 - cmdstanpy - INFO - Chain [1] start processing
01:29:34 - cmdstanpy - INFO - Chain [1] done processing
01:29:34 - cmdstanpy - INFO - Chain [1] start processing
01:29:34 - cmdstanpy - INFO - Chain [1] done processing
01:29:35 - cmdstanpy - INFO - Chain [1] start processing
01:29:35 - cmdstanpy - INFO - Chain [1] done processing
01:29:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:35 - cmdstanpy - INFO - Chain [1] start processing
01:29:35 - cmdstanpy - INFO - Chain [1] done processing
01:29:36 - cmdstanpy - INFO - Chain [1] start processing
01:29:36 - cmdstanpy - INFO - Chain [1] done processing
01:29:36 - cmdstanpy - INFO - Chain [1] start processing
01:29:36 - cmdstanpy - INFO - Chain [1] done processing
01:29:36 - cmdstanpy - INFO - Chain [1] start processing
01:29:36 - cmdstanpy - INFO - Chain [1] done processing
01:29:37 - cmdstanpy - INFO - Chain [1] start processing
01:29:37 - cmdstanpy - INFO - Chain [1] done processing
01:29:37 - cmdstanpy - INFO - Chain [1] start processing
01:29:37 - cmdstanpy - INFO - Chain [1] done processing
01:29:37 - cmdstanpy - INFO - Chain [1] start processing
01:29:37 - cmdstanpy - INFO - Chain [1] done processing
01:29:38 - cmdstanpy - INFO - Chain [1] start processing
01:29:38 - cmdstanpy - INFO - Chain [1] done processing
01:29:38 - cmdstanpy - INFO - Chain [1] start processing
01:29:38 - cmdstanpy - INFO - Chain [1] done processing
01:29:38 - cmdstanpy - INFO - Chain [1] start processing
01:29:38 - cmdstanpy - INFO - Chain [1] done processing
01:29:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:39 - cmdstanpy - INFO - Chain [1] start processing
01:29:39 - cmdstanpy - INFO - Chain [1] done processing
01:29:39 - cmdstanpy - INFO - Chain [1] start processing
01:29:39 - cmdstanpy - INFO - Chain [1] done processing
01:29:39 - cmdstanpy - INFO - Chain [1] start processing
01:29:39 - cmdstanpy - INFO - Chain [1] done processing
01:29:40 - cmdstanpy - INFO - Chain [1] start processing
01:29:40 - cmdstanpy - INFO - Chain [1] done processing
01:29:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:40 - cmdstanpy - INFO - Chain [1] start processing
01:29:40 - cmdstanpy - INFO - Chain [1] done processing
01:29:41 - cmdstanpy - INFO - Chain [1] start processing
01:29:41 - cmdstanpy - INFO - Chain [1] done processing
01:29:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:41 - cmdstanpy - INFO - Chain [1] start processing
01:29:41 - cmdstanpy - INFO - Chain [1] done processing
01:29:41 - cmdstanpy - INFO - Chain [1] start processing
01:29:41 - cmdstanpy - INFO - Chain [1] done processing
01:29:41 - cmdstanpy - INFO - Chain [1] start processing
01:29:41 - cmdstanpy - INFO - Chain [1] done processing
01:29:42 - cmdstanpy - INFO - Chain [1] start processing
01:29:42 - cmdstanpy - INFO - Chain [1] done processing
01:29:42 - cmdstanpy - INFO - Chain [1] start processing
01:29:42 - cmdstanpy - INFO - Chain [1] done processing
01:29:43 - cmdstanpy - INFO - Chain [1] start processing
01:29:43 - cmdstanpy - INFO - Chain [1] done processing
01:29:43 - cmdstanpy - INFO - Chain [1] start processing
01:29:43 - cmdstanpy - INFO - Chain [1] done processing
01:29:43 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:29:43 - cmdstanpy - INFO - Chain [1] done processing
01:29:44 - cmdstanpy - INFO - Chain [1] start processing
01:29:44 - cmdstanpy - INFO - Chain [1] done processing
01:29:44 - cmdstanpy - INFO - Chain [1] start processing
01:29:44 - cmdstanpy - INFO - Chain [1] done processing
01:29:44 - cmdstanpy - INFO - Chain [1] start processing
01:29:44 - cmdstanpy - INFO - Chain [1] done processing
01:29:45 - cmdstanpy - INFO - Chain [1] start processing
01:29:45 - cmdstanpy - INFO - Chain [1] done processing
01:29:45 - cmdstanpy - INFO - Chain [1] start processing
01:29:45 - cmdstanpy - INFO - Chain [1] done processing
01:29:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:45 - cmdstanpy - INFO - Chain [1] start processing
01:29:46 - cmdstanpy - INFO - Chain [1] done processing
01:29:46 - cmdstanpy - INFO - Chain [1] start processing
01:29:46 - cmdstanpy - INFO - Chain [1] done processing
01:29:46 - cmdstanpy - INFO - Chain [1] start processing
01:29:46 - cmdstanpy - INFO - Chain [1] done processing
01:29:47 - cmdstanpy - INFO - Chain [1] start processing
01:29:47 - cmdstanpy - INFO - Chain [1] done processing
01:29:47 - cmdstanpy - INFO - Chain [1] start processing
01:29:47 - cmdstanpy - INFO - Chain [1] done processing
01:29:47 - cmdstanpy - INFO - Chain [1] start processing
01:29:47 - cmdstanpy - INFO - Chain [1] done processing
01:29:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:47 - cmdstanpy - INFO - Chain [1] start processing
01:29:48 - cmdstanpy - INFO - Chain [1] done processing
01:29:48 - cmdstanpy - INFO - Chain [1] start processing
01:29:48 - cmdstanpy - INFO - Chain [1] done processing
01:29:48 - cmdstanpy - INFO - Chain [1] start processing
01:29:48 - cmdstanpy - INFO - Chain [1] done processing
01:29:49 - cmdstanpy - INFO - Chain [1] start processing
01:29:49 - cmdstanpy - INFO - Chain [1] done processing
01:29:49 - cmdstanpy - INFO - Chain [1] start processing
01:29:49 - cmdstanpy - INFO - Chain [1] done processing
01:29:49 - cmdstanpy - INFO - Chain [1] start processing
01:29:49 - cmdstanpy - INFO - Chain [1] done processing
01:29:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:49 - cmdstanpy - INFO - Chain [1] start processing
01:29:50 - cmdstanpy - INFO - Chain [1] done processing
01:29:50 - cmdstanpy - INFO - Chain [1] start processing
01:29:50 - cmdstanpy - INFO - Chain [1] done processing
01:29:50 - cmdstanpy - INFO - Chain [1] start processing
01:29:50 - cmdstanpy - INFO - Chain [1] done processing
01:29:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:50 - cmdstanpy - INFO - Chain [1] start processing
01:29:51 - cmdstanpy - INFO - Chain [1] done processing
01:29:51 - cmdstanpy - INFO - Chain [1] start processing
01:29:51 - cmdstanpy - INFO - Chain [1] done processing
01:29:51 - cmdstanpy - INFO - Chain [1] start processing
01:29:51 - cmdstanpy - INFO - Chain [1] done processing
01:29:52 - cmdstanpy - INFO - Chain [1] start processing
01:29:52 - cmdstanpy - INFO - Chain [1] done processing
01:29:52 - cmdstanpy - INFO - Chain [1] start processing
01:29:52 - cmdstanpy - INFO - Chain [1] done processing
01:29:52 - cmdstanpy - INFO - Chain [1] start processing
01:29:52 - cmdstanpy - INFO - Chain [1] done processing
01:29:53 - cmdstanpy - INFO - Chain [1] start processing
01:29:53 - cmdstanpy - INFO - Chain [1] done processing
01:29:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:29:53 - cmdstanpy - INFO - Chain [1] done processing
01:29:53 - cmdstanpy - INFO - Chain [1] start processing
01:29:54 - cmdstanpy - INFO - Chain [1] done processing
01:29:54 - cmdstanpy - INFO - Chain [1] start processing
01:29:54 - cmdstanpy - INFO - Chain [1] done processing
01:29:54 - cmdstanpy - INFO - Chain [1] start processing
01:29:54 - cmdstanpy - INFO - Chain [1] done processing
01:29:54 - cmdstanpy - INFO - Chain [1] start processing
01:29:55 - cmdstanpy - INFO - Chain [1] done processing
01:29:55 - cmdstanpy - INFO - Chain [1] start processing
01:29:55 - cmdstanpy - INFO - Chain [1] done processing
01:29:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:55 - cmdstanpy - INFO - Chain [1] start processing
01:29:55 - cmdstanpy - INFO - Chain [1] done processing
01:29:55 - cmdstanpy - INFO - Chain [1] start processing
01:29:55 - cmdstanpy - INFO - Chain [1] done processing
01:29:56 - cmdstanpy - INFO - Chain [1] start processing
01:29:56 - cmdstanpy - INFO - Chain [1] done processing
01:29:56 - cmdstanpy - INFO - Chain [1] start processing
01:29:56 - cmdstanpy - INFO - Chain [1] done processing
01:29:56 - cmdstanpy - INFO - Chain [1] start processing
01:29:56 - cmdstanpy - INFO - Chain [1] done processing
01:29:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:57 - cmdstanpy - INFO - Chain [1] start processing
01:29:57 - cmdstanpy - INFO - Chain [1] done processing
01:29:57 - cmdstanpy - INFO - Chain [1] start processing
01:29:57 - cmdstanpy - INFO - Chain [1] done processing
01:29:57 - cmdstanpy - INFO - Chain [1] start processing
01:29:57 - cmdstanpy - INFO - Chain [1] done processing
01:29:58 - cmdstanpy - INFO - Chain [1] start processing
01:29:58 - cmdstanpy - INFO - Chain [1] done processing
01:29:58 - cmdstanpy - INFO - Chain [1] start processing
01:29:58 - cmdstanpy - INFO - Chain [1] done processing
01:29:58 - cmdstanpy - INFO - Chain [1] start processing
01:29:58 - cmdstanpy - INFO - Chain [1] done processing
01:29:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:58 - cmdstanpy - INFO - Chain [1] start processing
01:29:59 - cmdstanpy - INFO - Chain [1] done processing
01:29:59 - cmdstanpy - INFO - Chain [1] start processing
01:29:59 - cmdstanpy - INFO - Chain [1] done processing
01:29:59 - cmdstanpy - INFO - Chain [1] start processing
01:29:59 - cmdstanpy - INFO - Chain [1] done processing
01:29:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:29:59 - cmdstanpy - INFO - Chain [1] start processing
01:29:59 - cmdstanpy - INFO - Chain [1] done processing
01:30:00 - cmdstanpy - INFO - Chain [1] start processing
01:30:00 - cmdstanpy - INFO - Chain [1] done processing
01:30:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:00 - cmdstanpy - INFO - Chain [1] start processing
01:30:00 - cmdstanpy - INFO - Chain [1] done processing
01:30:00 - cmdstanpy - INFO - Chain [1] start processing
01:30:00 - cmdstanpy - INFO - Chain [1] done processing
01:30:01 - cmdstanpy - INFO - Chain [1] start processing
01:30:01 - cmdstanpy - INFO - Chain [1] done processing
01:30:01 - cmdstanpy - INFO - Chain [1] start processing
01:30:01 - cmdstanpy - INFO - Chain [1] done processing
01:30:01 - cmdstanpy - INFO - Chain [1] start processing
01:30:01 - cmdstanpy - INFO - Chain [1] done processing
01:30:02 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:30:02 - cmdstanpy - INFO - Chain [1] done processing
01:30:02 - cmdstanpy - INFO - Chain [1] start processing
01:30:02 - cmdstanpy - INFO - Chain [1] done processing
01:30:02 - cmdstanpy - INFO - Chain [1] start processing
01:30:02 - cmdstanpy - INFO - Chain [1] done processing
01:30:03 - cmdstanpy - INFO - Chain [1] start processing
01:30:03 - cmdstanpy - INFO - Chain [1] done processing
01:30:03 - cmdstanpy - INFO - Chain [1] start processing
01:30:03 - cmdstanpy - INFO - Chain [1] done processing
01:30:03 - cmdstanpy - INFO - Chain [1] start processing
01:30:03 - cmdstanpy - INFO - Chain [1] done processing
01:30:04 - cmdstanpy - INFO - Chain [1] start processing
01:30:04 - cmdstanpy - INFO - Chain [1] done processing
01:30:04 - cmdstanpy - INFO - Chain [1] start processing
01:30:04 - cmdstanpy - INFO - Chain [1] done processing
01:30:04 - cmdstanpy - INFO - Chain [1] start processing
01:30:04 - cmdstanpy - INFO - Chain [1] done processing
01:30:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:05 - cmdstanpy - INFO - Chain [1] start processing
01:30:05 - cmdstanpy - INFO - Chain [1] done processing
01:30:05 - cmdstanpy - INFO - Chain [1] start processing
01:30:05 - cmdstanpy - INFO - Chain [1] done processing
01:30:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:05 - cmdstanpy - INFO - Chain [1] start processing
01:30:05 - cmdstanpy - INFO - Chain [1] done processing
01:30:06 - cmdstanpy - INFO - Chain [1] start processing
01:30:06 - cmdstanpy - INFO - Chain [1] done processing
01:30:06 - cmdstanpy - INFO - Chain [1] start processing
01:30:06 - cmdstanpy - INFO - Chain [1] done processing
01:30:06 - cmdstanpy - INFO - Chain [1] start processing
01:30:06 - cmdstanpy - INFO - Chain [1] done processing
01:30:07 - cmdstanpy - INFO - Chain [1] start processing
01:30:07 - cmdstanpy - INFO - Chain [1] done processing
01:30:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:07 - cmdstanpy - INFO - Chain [1] start processing
01:30:07 - cmdstanpy - INFO - Chain [1] done processing
01:30:07 - cmdstanpy - INFO - Chain [1] start processing
01:30:07 - cmdstanpy - INFO - Chain [1] done processing
01:30:08 - cmdstanpy - INFO - Chain [1] start processing
01:30:08 - cmdstanpy - INFO - Chain [1] done processing
01:30:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:08 - cmdstanpy - INFO - Chain [1] start processing
01:30:08 - cmdstanpy - INFO - Chain [1] done processing
01:30:08 - cmdstanpy - INFO - Chain [1] start processing
01:30:08 - cmdstanpy - INFO - Chain [1] done processing
01:30:09 - cmdstanpy - INFO - Chain [1] start processing
01:30:09 - cmdstanpy - INFO - Chain [1] done processing
01:30:09 - cmdstanpy - INFO - Chain [1] start processing
01:30:09 - cmdstanpy - INFO - Chain [1] done processing
01:30:09 - cmdstanpy - INFO - Chain [1] start processing
01:30:09 - cmdstanpy - INFO - Chain [1] done processing
01:30:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:09 - cmdstanpy - INFO - Chain [1] start processing
01:30:10 - cmdstanpy - INFO - Chain [1] done processing
01:30:10 - cmdstanpy - INFO - Chain [1] start processing
01:30:10 - cmdstanpy - INFO - Chain [1] done processing
01:30:10 - cmdstanpy - INFO - Chain [1] start processing
01:30:10 - cmdstanpy - INFO - Chain [1] done processing
01:30:11 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:30:11 - cmdstanpy - INFO - Chain [1] done processing
01:30:11 - cmdstanpy - INFO - Chain [1] start processing
01:30:11 - cmdstanpy - INFO - Chain [1] done processing
01:30:11 - cmdstanpy - INFO - Chain [1] start processing
01:30:11 - cmdstanpy - INFO - Chain [1] done processing
01:30:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:11 - cmdstanpy - INFO - Chain [1] start processing
01:30:12 - cmdstanpy - INFO - Chain [1] done processing
01:30:12 - cmdstanpy - INFO - Chain [1] start processing
01:30:12 - cmdstanpy - INFO - Chain [1] done processing
01:30:12 - cmdstanpy - INFO - Chain [1] start processing
01:30:13 - cmdstanpy - INFO - Chain [1] done processing
01:30:13 - cmdstanpy - INFO - Chain [1] start processing
01:30:13 - cmdstanpy - INFO - Chain [1] done processing
01:30:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:13 - cmdstanpy - INFO - Chain [1] start processing
01:30:13 - cmdstanpy - INFO - Chain [1] done processing
01:30:13 - cmdstanpy - INFO - Chain [1] start processing
01:30:14 - cmdstanpy - INFO - Chain [1] done processing
01:30:14 - cmdstanpy - INFO - Chain [1] start processing
01:30:14 - cmdstanpy - INFO - Chain [1] done processing
01:30:14 - cmdstanpy - INFO - Chain [1] start processing
01:30:14 - cmdstanpy - INFO - Chain [1] done processing
01:30:15 - cmdstanpy - INFO - Chain [1] start processing
01:30:15 - cmdstanpy - INFO - Chain [1] done processing
01:30:15 - cmdstanpy - INFO - Chain [1] start processing
01:30:15 - cmdstanpy - INFO - Chain [1] done processing
01:30:15 - cmdstanpy - INFO - Chain [1] start processing
01:30:15 - cmdstanpy - INFO - Chain [1] done processing
01:30:16 - cmdstanpy - INFO - Chain [1] start processing
01:30:16 - cmdstanpy - INFO - Chain [1] done processing
01:30:16 - cmdstanpy - INFO - Chain [1] start processing
01:30:16 - cmdstanpy - INFO - Chain [1] done processing
01:30:16 - cmdstanpy - INFO - Chain [1] start processing
01:30:16 - cmdstanpy - INFO - Chain [1] done processing
01:30:17 - cmdstanpy - INFO - Chain [1] start processing
01:30:17 - cmdstanpy - INFO - Chain [1] done processing
01:30:17 - cmdstanpy - INFO - Chain [1] start processing
01:30:17 - cmdstanpy - INFO - Chain [1] done processing
01:30:17 - cmdstanpy - INFO - Chain [1] start processing
01:30:17 - cmdstanpy - INFO - Chain [1] done processing
01:30:18 - cmdstanpy - INFO - Chain [1] start processing
01:30:18 - cmdstanpy - INFO - Chain [1] done processing
01:30:18 - cmdstanpy - INFO - Chain [1] start processing
01:30:18 - cmdstanpy - INFO - Chain [1] done processing
01:30:18 - cmdstanpy - INFO - Chain [1] start processing
01:30:19 - cmdstanpy - INFO - Chain [1] done processing
01:30:19 - cmdstanpy - INFO - Chain [1] start processing
01:30:19 - cmdstanpy - INFO - Chain [1] done processing
01:30:19 - cmdstanpy - INFO - Chain [1] start processing
01:30:19 - cmdstanpy - INFO - Chain [1] done processing
01:30:20 - cmdstanpy - INFO - Chain [1] start processing
01:30:20 - cmdstanpy - INFO - Chain [1] done processing
01:30:20 - cmdstanpy - INFO - Chain [1] start processing
01:30:20 - cmdstanpy - INFO - Chain [1] done processing
01:30:20 - cmdstanpy - INFO - Chain [1] start processing
01:30:20 - cmdstanpy - INFO - Chain [1] done processing
01:30:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:20 - cmdstanpy - INFO - Chain [1] start processing
01:30:21 - cmdstanpy - INFO - Chain [1] done processing
01:30:21 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:30:21 - cmdstanpy - INFO - Chain [1] done processing
01:30:21 - cmdstanpy - INFO - Chain [1] start processing
01:30:21 - cmdstanpy - INFO - Chain [1] done processing
01:30:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:21 - cmdstanpy - INFO - Chain [1] start processing
01:30:22 - cmdstanpy - INFO - Chain [1] done processing
01:30:22 - cmdstanpy - INFO - Chain [1] start processing
01:30:22 - cmdstanpy - INFO - Chain [1] done processing
01:30:22 - cmdstanpy - INFO - Chain [1] start processing
01:30:22 - cmdstanpy - INFO - Chain [1] done processing
01:30:23 - cmdstanpy - INFO - Chain [1] start processing
01:30:23 - cmdstanpy - INFO - Chain [1] done processing
01:30:23 - cmdstanpy - INFO - Chain [1] start processing
01:30:23 - cmdstanpy - INFO - Chain [1] done processing
01:30:23 - cmdstanpy - INFO - Chain [1] start processing
01:30:23 - cmdstanpy - INFO - Chain [1] done processing
01:30:24 - cmdstanpy - INFO - Chain [1] start processing
01:30:24 - cmdstanpy - INFO - Chain [1] done processing
01:30:24 - cmdstanpy - INFO - Chain [1] start processing
01:30:24 - cmdstanpy - INFO - Chain [1] done processing
01:30:24 - cmdstanpy - INFO - Chain [1] start processing
01:30:24 - cmdstanpy - INFO - Chain [1] done processing
01:30:25 - cmdstanpy - INFO - Chain [1] start processing
01:30:25 - cmdstanpy - INFO - Chain [1] done processing
01:30:25 - cmdstanpy - INFO - Chain [1] start processing
01:30:25 - cmdstanpy - INFO - Chain [1] done processing
01:30:25 - cmdstanpy - INFO - Chain [1] start processing
01:30:25 - cmdstanpy - INFO - Chain [1] done processing
01:30:26 - cmdstanpy - INFO - Chain [1] start processing
01:30:26 - cmdstanpy - INFO - Chain [1] done processing
01:30:26 - cmdstanpy - INFO - Chain [1] start processing
01:30:26 - cmdstanpy - INFO - Chain [1] done processing
01:30:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:26 - cmdstanpy - INFO - Chain [1] start processing
01:30:27 - cmdstanpy - INFO - Chain [1] done processing
01:30:27 - cmdstanpy - INFO - Chain [1] start processing
01:30:27 - cmdstanpy - INFO - Chain [1] done processing
01:30:27 - cmdstanpy - INFO - Chain [1] start processing
01:30:27 - cmdstanpy - INFO - Chain [1] done processing
01:30:28 - cmdstanpy - INFO - Chain [1] start processing
01:30:28 - cmdstanpy - INFO - Chain [1] done processing
01:30:28 - cmdstanpy - INFO - Chain [1] start processing
01:30:28 - cmdstanpy - INFO - Chain [1] done processing
01:30:28 - cmdstanpy - INFO - Chain [1] start processing
01:30:28 - cmdstanpy - INFO - Chain [1] done processing
01:30:29 - cmdstanpy - INFO - Chain [1] start processing
01:30:29 - cmdstanpy - INFO - Chain [1] done processing
01:30:29 - cmdstanpy - INFO - Chain [1] start processing
01:30:29 - cmdstanpy - INFO - Chain [1] done processing
01:30:29 - cmdstanpy - INFO - Chain [1] start processing
01:30:29 - cmdstanpy - INFO - Chain [1] done processing
01:30:30 - cmdstanpy - INFO - Chain [1] start processing
01:30:30 - cmdstanpy - INFO - Chain [1] done processing
01:30:30 - cmdstanpy - INFO - Chain [1] start processing
01:30:30 - cmdstanpy - INFO - Chain [1] done processing
01:30:30 - cmdstanpy - INFO - Chain [1] start processing
01:30:30 - cmdstanpy - INFO - Chain [1] done processing
01:30:31 - cmdstanpy - INFO - Chain [1] start processing
01:30:31 - cmdstanpy - INFO - Chain [1] done processing
01:30:31 - cmdstanpy - INFO - Chain [1] start processing
01:30:31 - cmdstanpy - INFO - Chain [1] done processing
01:30:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:30:31 - cmdstanpy - INFO - Chain [1] done processing
01:30:32 - cmdstanpy - INFO - Chain [1] start processing
01:30:32 - cmdstanpy - INFO - Chain [1] done processing
01:30:32 - cmdstanpy - INFO - Chain [1] start processing
01:30:32 - cmdstanpy - INFO - Chain [1] done processing
01:30:32 - cmdstanpy - INFO - Chain [1] start processing
01:30:33 - cmdstanpy - INFO - Chain [1] done processing
01:30:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:33 - cmdstanpy - INFO - Chain [1] start processing
01:30:33 - cmdstanpy - INFO - Chain [1] done processing
01:30:33 - cmdstanpy - INFO - Chain [1] start processing
01:30:33 - cmdstanpy - INFO - Chain [1] done processing
01:30:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:33 - cmdstanpy - INFO - Chain [1] start processing
01:30:33 - cmdstanpy - INFO - Chain [1] done processing
01:30:34 - cmdstanpy - INFO - Chain [1] start processing
01:30:34 - cmdstanpy - INFO - Chain [1] done processing
01:30:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:34 - cmdstanpy - INFO - Chain [1] start processing
01:30:34 - cmdstanpy - INFO - Chain [1] done processing
01:30:34 - cmdstanpy - INFO - Chain [1] start processing
01:30:34 - cmdstanpy - INFO - Chain [1] done processing
01:30:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:34 - cmdstanpy - INFO - Chain [1] start processing
01:30:34 - cmdstanpy - INFO - Chain [1] done processing
01:30:35 - cmdstanpy - INFO - Chain [1] start processing
01:30:35 - cmdstanpy - INFO - Chain [1] done processing
01:30:35 - cmdstanpy - INFO - Chain [1] start processing
01:30:35 - cmdstanpy - INFO - Chain [1] done processing
01:30:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:35 - cmdstanpy - INFO - Chain [1] start processing
01:30:35 - cmdstanpy - INFO - Chain [1] done processing
01:30:36 - cmdstanpy - INFO - Chain [1] start processing
01:30:36 - cmdstanpy - INFO - Chain [1] done processing
01:30:36 - cmdstanpy - INFO - Chain [1] start processing
01:30:36 - cmdstanpy - INFO - Chain [1] done processing
01:30:36 - cmdstanpy - INFO - Chain [1] start processing
01:30:36 - cmdstanpy - INFO - Chain [1] done processing
01:30:37 - cmdstanpy - INFO - Chain [1] start processing
01:30:37 - cmdstanpy - INFO - Chain [1] done processing
01:30:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:37 - cmdstanpy - INFO - Chain [1] start processing
01:30:37 - cmdstanpy - INFO - Chain [1] done processing
01:30:37 - cmdstanpy - INFO - Chain [1] start processing
01:30:37 - cmdstanpy - INFO - Chain [1] done processing
01:30:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:37 - cmdstanpy - INFO - Chain [1] start processing
01:30:38 - cmdstanpy - INFO - Chain [1] done processing
01:30:38 - cmdstanpy - INFO - Chain [1] start processing
01:30:38 - cmdstanpy - INFO - Chain [1] done processing
01:30:38 - cmdstanpy - INFO - Chain [1] start processing
01:30:38 - cmdstanpy - INFO - Chain [1] done processing
01:30:39 - cmdstanpy - INFO - Chain [1] start processing
01:30:39 - cmdstanpy - INFO - Chain [1] done processing
01:30:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:30:39 - cmdstanpy - INFO - Chain [1] done processing
01:30:39 - cmdstanpy - INFO - Chain [1] start processing
01:30:39 - cmdstanpy - INFO - Chain [1] done processing
01:30:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:39 - cmdstanpy - INFO - Chain [1] start processing
01:30:39 - cmdstanpy - INFO - Chain [1] done processing
01:30:40 - cmdstanpy - INFO - Chain [1] start processing
01:30:40 - cmdstanpy - INFO - Chain [1] done processing
01:30:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:40 - cmdstanpy - INFO - Chain [1] start processing
01:30:40 - cmdstanpy - INFO - Chain [1] done processing
01:30:40 - cmdstanpy - INFO - Chain [1] start processing
01:30:40 - cmdstanpy - INFO - Chain [1] done processing
01:30:41 - cmdstanpy - INFO - Chain [1] start processing
01:30:41 - cmdstanpy - INFO - Chain [1] done processing
01:30:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:41 - cmdstanpy - INFO - Chain [1] start processing
01:30:41 - cmdstanpy - INFO - Chain [1] done processing
01:30:41 - cmdstanpy - INFO - Chain [1] start processing
01:30:41 - cmdstanpy - INFO - Chain [1] done processing
01:30:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:41 - cmdstanpy - INFO - Chain [1] start processing
01:30:42 - cmdstanpy - INFO - Chain [1] done processing
01:30:42 - cmdstanpy - INFO - Chain [1] start processing
01:30:42 - cmdstanpy - INFO - Chain [1] done processing
01:30:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:42 - cmdstanpy - INFO - Chain [1] start processing
01:30:42 - cmdstanpy - INFO - Chain [1] done processing
01:30:43 - cmdstanpy - INFO - Chain [1] start processing
01:30:43 - cmdstanpy - INFO - Chain [1] done processing
01:30:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:43 - cmdstanpy - INFO - Chain [1] start processing
01:30:43 - cmdstanpy - INFO - Chain [1] done processing
01:30:44 - cmdstanpy - INFO - Chain [1] start processing
01:30:44 - cmdstanpy - INFO - Chain [1] done processing
01:30:44 - cmdstanpy - INFO - Chain [1] start processing
01:30:44 - cmdstanpy - INFO - Chain [1] done processing
01:30:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:44 - cmdstanpy - INFO - Chain [1] start processing
01:30:45 - cmdstanpy - INFO - Chain [1] done processing
01:30:45 - cmdstanpy - INFO - Chain [1] start processing
01:30:45 - cmdstanpy - INFO - Chain [1] done processing
01:30:45 - cmdstanpy - INFO - Chain [1] start processing
01:30:45 - cmdstanpy - INFO - Chain [1] done processing
01:30:46 - cmdstanpy - INFO - Chain [1] start processing
01:30:46 - cmdstanpy - INFO - Chain [1] done processing
01:30:46 - cmdstanpy - INFO - Chain [1] start processing
01:30:47 - cmdstanpy - INFO - Chain [1] done processing
01:30:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:47 - cmdstanpy - INFO - Chain [1] start processing
01:30:47 - cmdstanpy - INFO - Chain [1] done processing
01:30:48 - cmdstanpy - INFO - Chain [1] start processing
01:30:48 - cmdstanpy - INFO - Chain [1] done processing
01:30:48 - cmdstanpy - INFO - Chain [1] start processing
01:30:48 - cmdstanpy - INFO - Chain [1] done processing
01:30:49 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:30:49 - cmdstanpy - INFO - Chain [1] done processing
01:30:50 - cmdstanpy - INFO - Chain [1] start processing
01:30:50 - cmdstanpy - INFO - Chain [1] done processing
01:30:50 - cmdstanpy - INFO - Chain [1] start processing
01:30:50 - cmdstanpy - INFO - Chain [1] done processing
01:30:51 - cmdstanpy - INFO - Chain [1] start processing
01:30:51 - cmdstanpy - INFO - Chain [1] done processing
01:30:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:51 - cmdstanpy - INFO - Chain [1] start processing
01:30:51 - cmdstanpy - INFO - Chain [1] done processing
01:30:52 - cmdstanpy - INFO - Chain [1] start processing
01:30:52 - cmdstanpy - INFO - Chain [1] done processing
01:30:52 - cmdstanpy - INFO - Chain [1] start processing
01:30:52 - cmdstanpy - INFO - Chain [1] done processing
01:30:53 - cmdstanpy - INFO - Chain [1] start processing
01:30:53 - cmdstanpy - INFO - Chain [1] done processing
01:30:53 - cmdstanpy - INFO - Chain [1] start processing
01:30:54 - cmdstanpy - INFO - Chain [1] done processing
01:30:54 - cmdstanpy - INFO - Chain [1] start processing
01:30:54 - cmdstanpy - INFO - Chain [1] done processing
01:30:55 - cmdstanpy - INFO - Chain [1] start processing
01:30:55 - cmdstanpy - INFO - Chain [1] done processing
01:30:55 - cmdstanpy - INFO - Chain [1] start processing
01:30:55 - cmdstanpy - INFO - Chain [1] done processing
01:30:55 - cmdstanpy - INFO - Chain [1] start processing
01:30:55 - cmdstanpy - INFO - Chain [1] done processing
01:30:56 - cmdstanpy - INFO - Chain [1] start processing
01:30:56 - cmdstanpy - INFO - Chain [1] done processing
01:30:56 - cmdstanpy - INFO - Chain [1] start processing
01:30:56 - cmdstanpy - INFO - Chain [1] done processing
01:30:56 - cmdstanpy - INFO - Chain [1] start processing
01:30:57 - cmdstanpy - INFO - Chain [1] done processing
01:30:57 - cmdstanpy - INFO - Chain [1] start processing
01:30:57 - cmdstanpy - INFO - Chain [1] done processing
01:30:57 - cmdstanpy - INFO - Chain [1] start processing
01:30:57 - cmdstanpy - INFO - Chain [1] done processing
01:30:58 - cmdstanpy - INFO - Chain [1] start processing
01:30:58 - cmdstanpy - INFO - Chain [1] done processing
01:30:58 - cmdstanpy - INFO - Chain [1] start processing
01:30:58 - cmdstanpy - INFO - Chain [1] done processing
01:30:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:58 - cmdstanpy - INFO - Chain [1] start processing
01:30:58 - cmdstanpy - INFO - Chain [1] done processing
01:30:58 - cmdstanpy - INFO - Chain [1] start processing
01:30:59 - cmdstanpy - INFO - Chain [1] done processing
01:30:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:30:59 - cmdstanpy - INFO - Chain [1] start processing
01:30:59 - cmdstanpy - INFO - Chain [1] done processing
01:30:59 - cmdstanpy - INFO - Chain [1] start processing
01:30:59 - cmdstanpy - INFO - Chain [1] done processing
01:30:59 - cmdstanpy - INFO - Chain [1] start processing
01:30:59 - cmdstanpy - INFO - Chain [1] done processing
01:31:00 - cmdstanpy - INFO - Chain [1] start processing
01:31:00 - cmdstanpy - INFO - Chain [1] done processing
01:31:00 - cmdstanpy - INFO - Chain [1] start processing
01:31:00 - cmdstanpy - INFO - Chain [1] done processing
01:31:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:00 - cmdstanpy - INFO - Chain [1] start processing
01:31:00 - cmdstanpy - INFO - Chain [1] done processing
01:31:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:31:01 - cmdstanpy - INFO - Chain [1] done processing
01:31:01 - cmdstanpy - INFO - Chain [1] start processing
01:31:01 - cmdstanpy - INFO - Chain [1] done processing
01:31:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:01 - cmdstanpy - INFO - Chain [1] start processing
01:31:01 - cmdstanpy - INFO - Chain [1] done processing
01:31:02 - cmdstanpy - INFO - Chain [1] start processing
01:31:02 - cmdstanpy - INFO - Chain [1] done processing
01:31:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:02 - cmdstanpy - INFO - Chain [1] start processing
01:31:02 - cmdstanpy - INFO - Chain [1] done processing
01:31:02 - cmdstanpy - INFO - Chain [1] start processing
01:31:02 - cmdstanpy - INFO - Chain [1] done processing
01:31:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:02 - cmdstanpy - INFO - Chain [1] start processing
01:31:03 - cmdstanpy - INFO - Chain [1] done processing
01:31:03 - cmdstanpy - INFO - Chain [1] start processing
01:31:03 - cmdstanpy - INFO - Chain [1] done processing
01:31:03 - cmdstanpy - INFO - Chain [1] start processing
01:31:03 - cmdstanpy - INFO - Chain [1] done processing
01:31:04 - cmdstanpy - INFO - Chain [1] start processing
01:31:04 - cmdstanpy - INFO - Chain [1] done processing
01:31:04 - cmdstanpy - INFO - Chain [1] start processing
01:31:04 - cmdstanpy - INFO - Chain [1] done processing
01:31:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:04 - cmdstanpy - INFO - Chain [1] start processing
01:31:05 - cmdstanpy - INFO - Chain [1] done processing
01:31:05 - cmdstanpy - INFO - Chain [1] start processing
01:31:05 - cmdstanpy - INFO - Chain [1] done processing
01:31:05 - cmdstanpy - INFO - Chain [1] start processing
01:31:05 - cmdstanpy - INFO - Chain [1] done processing
01:31:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:05 - cmdstanpy - INFO - Chain [1] start processing
01:31:05 - cmdstanpy - INFO - Chain [1] done processing
01:31:06 - cmdstanpy - INFO - Chain [1] start processing
01:31:06 - cmdstanpy - INFO - Chain [1] done processing
01:31:06 - cmdstanpy - INFO - Chain [1] start processing
01:31:06 - cmdstanpy - INFO - Chain [1] done processing
01:31:06 - cmdstanpy - INFO - Chain [1] start processing
01:31:06 - cmdstanpy - INFO - Chain [1] done processing
01:31:07 - cmdstanpy - INFO - Chain [1] start processing
01:31:07 - cmdstanpy - INFO - Chain [1] done processing
01:31:07 - cmdstanpy - INFO - Chain [1] start processing
01:31:07 - cmdstanpy - INFO - Chain [1] done processing
01:31:07 - cmdstanpy - INFO - Chain [1] start processing
01:31:08 - cmdstanpy - INFO - Chain [1] done processing
01:31:08 - cmdstanpy - INFO - Chain [1] start processing
01:31:08 - cmdstanpy - INFO - Chain [1] done processing
01:31:08 - cmdstanpy - INFO - Chain [1] start processing
01:31:08 - cmdstanpy - INFO - Chain [1] done processing
01:31:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:08 - cmdstanpy - INFO - Chain [1] start processing
01:31:09 - cmdstanpy - INFO - Chain [1] done processing
01:31:09 - cmdstanpy - INFO - Chain [1] start processing
01:31:09 - cmdstanpy - INFO - Chain [1] done processing
01:31:09 - cmdstanpy - INFO - Chain [1] start processing
01:31:09 - cmdstanpy - INFO - Chain [1] done processing
01:31:10 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:31:10 - cmdstanpy - INFO - Chain [1] done processing
01:31:10 - cmdstanpy - INFO - Chain [1] start processing
01:31:10 - cmdstanpy - INFO - Chain [1] done processing
01:31:10 - cmdstanpy - INFO - Chain [1] start processing
01:31:11 - cmdstanpy - INFO - Chain [1] done processing
01:31:11 - cmdstanpy - INFO - Chain [1] start processing
01:31:11 - cmdstanpy - INFO - Chain [1] done processing
01:31:11 - cmdstanpy - INFO - Chain [1] start processing
01:31:11 - cmdstanpy - INFO - Chain [1] done processing
01:31:12 - cmdstanpy - INFO - Chain [1] start processing
01:31:12 - cmdstanpy - INFO - Chain [1] done processing
01:31:12 - cmdstanpy - INFO - Chain [1] start processing
01:31:12 - cmdstanpy - INFO - Chain [1] done processing
01:31:12 - cmdstanpy - INFO - Chain [1] start processing
01:31:12 - cmdstanpy - INFO - Chain [1] done processing
01:31:13 - cmdstanpy - INFO - Chain [1] start processing
01:31:13 - cmdstanpy - INFO - Chain [1] done processing
01:31:13 - cmdstanpy - INFO - Chain [1] start processing
01:31:13 - cmdstanpy - INFO - Chain [1] done processing
01:31:13 - cmdstanpy - INFO - Chain [1] start processing
01:31:13 - cmdstanpy - INFO - Chain [1] done processing
01:31:14 - cmdstanpy - INFO - Chain [1] start processing
01:31:14 - cmdstanpy - INFO - Chain [1] done processing
01:31:14 - cmdstanpy - INFO - Chain [1] start processing
01:31:14 - cmdstanpy - INFO - Chain [1] done processing
01:31:14 - cmdstanpy - INFO - Chain [1] start processing
01:31:14 - cmdstanpy - INFO - Chain [1] done processing
01:31:15 - cmdstanpy - INFO - Chain [1] start processing
01:31:15 - cmdstanpy - INFO - Chain [1] done processing
01:31:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:15 - cmdstanpy - INFO - Chain [1] start processing
01:31:15 - cmdstanpy - INFO - Chain [1] done processing
01:31:15 - cmdstanpy - INFO - Chain [1] start processing
01:31:15 - cmdstanpy - INFO - Chain [1] done processing
01:31:16 - cmdstanpy - INFO - Chain [1] start processing
01:31:16 - cmdstanpy - INFO - Chain [1] done processing
01:31:16 - cmdstanpy - INFO - Chain [1] start processing
01:31:16 - cmdstanpy - INFO - Chain [1] done processing
01:31:16 - cmdstanpy - INFO - Chain [1] start processing
01:31:16 - cmdstanpy - INFO - Chain [1] done processing
01:31:17 - cmdstanpy - INFO - Chain [1] start processing
01:31:17 - cmdstanpy - INFO - Chain [1] done processing
01:31:17 - cmdstanpy - INFO - Chain [1] start processing
01:31:17 - cmdstanpy - INFO - Chain [1] done processing
01:31:17 - cmdstanpy - INFO - Chain [1] start processing
01:31:17 - cmdstanpy - INFO - Chain [1] done processing
01:31:18 - cmdstanpy - INFO - Chain [1] start processing
01:31:18 - cmdstanpy - INFO - Chain [1] done processing
01:31:18 - cmdstanpy - INFO - Chain [1] start processing
01:31:18 - cmdstanpy - INFO - Chain [1] done processing
01:31:18 - cmdstanpy - INFO - Chain [1] start processing
01:31:18 - cmdstanpy - INFO - Chain [1] done processing
01:31:19 - cmdstanpy - INFO - Chain [1] start processing
01:31:19 - cmdstanpy - INFO - Chain [1] done processing
01:31:19 - cmdstanpy - INFO - Chain [1] start processing
01:31:19 - cmdstanpy - INFO - Chain [1] done processing
01:31:19 - cmdstanpy - INFO - Chain [1] start processing
01:31:19 - cmdstanpy - INFO - Chain [1] done processing
01:31:20 - cmdstanpy - INFO - Chain [1] start processing
01:31:20 - cmdstanpy - INFO - Chain [1] done processing
01:31:20 - cmdstanpy - INFO - Chain [1] start processing
01:31:20 - cmdstanpy - INFO - Chain [1] done processing
01:31:20 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:31:21 - cmdstanpy - INFO - Chain [1] done processing
01:31:21 - cmdstanpy - INFO - Chain [1] start processing
01:31:21 - cmdstanpy - INFO - Chain [1] done processing
01:31:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:21 - cmdstanpy - INFO - Chain [1] start processing
01:31:21 - cmdstanpy - INFO - Chain [1] done processing
01:31:21 - cmdstanpy - INFO - Chain [1] start processing
01:31:22 - cmdstanpy - INFO - Chain [1] done processing
01:31:22 - cmdstanpy - INFO - Chain [1] start processing
01:31:22 - cmdstanpy - INFO - Chain [1] done processing
01:31:22 - cmdstanpy - INFO - Chain [1] start processing
01:31:22 - cmdstanpy - INFO - Chain [1] done processing
01:31:22 - cmdstanpy - INFO - Chain [1] start processing
01:31:23 - cmdstanpy - INFO - Chain [1] done processing
01:31:23 - cmdstanpy - INFO - Chain [1] start processing
01:31:23 - cmdstanpy - INFO - Chain [1] done processing
01:31:23 - cmdstanpy - INFO - Chain [1] start processing
01:31:23 - cmdstanpy - INFO - Chain [1] done processing
01:31:24 - cmdstanpy - INFO - Chain [1] start processing
01:31:24 - cmdstanpy - INFO - Chain [1] done processing
01:31:24 - cmdstanpy - INFO - Chain [1] start processing
01:31:24 - cmdstanpy - INFO - Chain [1] done processing
01:31:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:24 - cmdstanpy - INFO - Chain [1] start processing
01:31:24 - cmdstanpy - INFO - Chain [1] done processing
01:31:25 - cmdstanpy - INFO - Chain [1] start processing
01:31:25 - cmdstanpy - INFO - Chain [1] done processing
01:31:25 - cmdstanpy - INFO - Chain [1] start processing
01:31:25 - cmdstanpy - INFO - Chain [1] done processing
01:31:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:25 - cmdstanpy - INFO - Chain [1] start processing
01:31:25 - cmdstanpy - INFO - Chain [1] done processing
01:31:26 - cmdstanpy - INFO - Chain [1] start processing
01:31:26 - cmdstanpy - INFO - Chain [1] done processing
01:31:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:26 - cmdstanpy - INFO - Chain [1] start processing
01:31:26 - cmdstanpy - INFO - Chain [1] done processing
01:31:26 - cmdstanpy - INFO - Chain [1] start processing
01:31:26 - cmdstanpy - INFO - Chain [1] done processing
01:31:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:26 - cmdstanpy - INFO - Chain [1] start processing
01:31:27 - cmdstanpy - INFO - Chain [1] done processing
01:31:27 - cmdstanpy - INFO - Chain [1] start processing
01:31:27 - cmdstanpy - INFO - Chain [1] done processing
01:31:27 - cmdstanpy - INFO - Chain [1] start processing
01:31:28 - cmdstanpy - INFO - Chain [1] done processing
01:31:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:28 - cmdstanpy - INFO - Chain [1] start processing
01:31:28 - cmdstanpy - INFO - Chain [1] done processing
01:31:28 - cmdstanpy - INFO - Chain [1] start processing
01:31:29 - cmdstanpy - INFO - Chain [1] done processing
01:31:29 - cmdstanpy - INFO - Chain [1] start processing
01:31:29 - cmdstanpy - INFO - Chain [1] done processing
01:31:29 - cmdstanpy - INFO - Chain [1] start processing
01:31:29 - cmdstanpy - INFO - Chain [1] done processing
01:31:30 - cmdstanpy - INFO - Chain [1] start processing
01:31:30 - cmdstanpy - INFO - Chain [1] done processing
01:31:30 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:31:30 - cmdstanpy - INFO - Chain [1] done processing
01:31:30 - cmdstanpy - INFO - Chain [1] start processing
01:31:30 - cmdstanpy - INFO - Chain [1] done processing
01:31:31 - cmdstanpy - INFO - Chain [1] start processing
01:31:31 - cmdstanpy - INFO - Chain [1] done processing
01:31:31 - cmdstanpy - INFO - Chain [1] start processing
01:31:31 - cmdstanpy - INFO - Chain [1] done processing
01:31:31 - cmdstanpy - INFO - Chain [1] start processing
01:31:31 - cmdstanpy - INFO - Chain [1] done processing
01:31:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:31 - cmdstanpy - INFO - Chain [1] start processing
01:31:32 - cmdstanpy - INFO - Chain [1] done processing
01:31:32 - cmdstanpy - INFO - Chain [1] start processing
01:31:32 - cmdstanpy - INFO - Chain [1] done processing
01:31:32 - cmdstanpy - INFO - Chain [1] start processing
01:31:32 - cmdstanpy - INFO - Chain [1] done processing
01:31:33 - cmdstanpy - INFO - Chain [1] start processing
01:31:33 - cmdstanpy - INFO - Chain [1] done processing
01:31:33 - cmdstanpy - INFO - Chain [1] start processing
01:31:33 - cmdstanpy - INFO - Chain [1] done processing
01:31:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:33 - cmdstanpy - INFO - Chain [1] start processing
01:31:34 - cmdstanpy - INFO - Chain [1] done processing
01:31:34 - cmdstanpy - INFO - Chain [1] start processing
01:31:34 - cmdstanpy - INFO - Chain [1] done processing
01:31:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:34 - cmdstanpy - INFO - Chain [1] start processing
01:31:34 - cmdstanpy - INFO - Chain [1] done processing
01:31:35 - cmdstanpy - INFO - Chain [1] start processing
01:31:35 - cmdstanpy - INFO - Chain [1] done processing
01:31:35 - cmdstanpy - INFO - Chain [1] start processing
01:31:35 - cmdstanpy - INFO - Chain [1] done processing
01:31:35 - cmdstanpy - INFO - Chain [1] start processing
01:31:35 - cmdstanpy - INFO - Chain [1] done processing
01:31:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:35 - cmdstanpy - INFO - Chain [1] start processing
01:31:36 - cmdstanpy - INFO - Chain [1] done processing
01:31:36 - cmdstanpy - INFO - Chain [1] start processing
01:31:36 - cmdstanpy - INFO - Chain [1] done processing
01:31:36 - cmdstanpy - INFO - Chain [1] start processing
01:31:36 - cmdstanpy - INFO - Chain [1] done processing
01:31:37 - cmdstanpy - INFO - Chain [1] start processing
01:31:37 - cmdstanpy - INFO - Chain [1] done processing
01:31:37 - cmdstanpy - INFO - Chain [1] start processing
01:31:37 - cmdstanpy - INFO - Chain [1] done processing
01:31:37 - cmdstanpy - INFO - Chain [1] start processing
01:31:37 - cmdstanpy - INFO - Chain [1] done processing
01:31:38 - cmdstanpy - INFO - Chain [1] start processing
01:31:38 - cmdstanpy - INFO - Chain [1] done processing
01:31:38 - cmdstanpy - INFO - Chain [1] start processing
01:31:38 - cmdstanpy - INFO - Chain [1] done processing
01:31:38 - cmdstanpy - INFO - Chain [1] start processing
01:31:39 - cmdstanpy - INFO - Chain [1] done processing
01:31:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:39 - cmdstanpy - INFO - Chain [1] start processing
01:31:39 - cmdstanpy - INFO - Chain [1] done processing
01:31:39 - cmdstanpy - INFO - Chain [1] start processing
01:31:39 - cmdstanpy - INFO - Chain [1] done processing
01:31:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:31:40 - cmdstanpy - INFO - Chain [1] done processing
01:31:40 - cmdstanpy - INFO - Chain [1] start processing
01:31:40 - cmdstanpy - INFO - Chain [1] done processing
01:31:40 - cmdstanpy - INFO - Chain [1] start processing
01:31:40 - cmdstanpy - INFO - Chain [1] done processing
01:31:41 - cmdstanpy - INFO - Chain [1] start processing
01:31:41 - cmdstanpy - INFO - Chain [1] done processing
01:31:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:41 - cmdstanpy - INFO - Chain [1] start processing
01:31:41 - cmdstanpy - INFO - Chain [1] done processing
01:31:41 - cmdstanpy - INFO - Chain [1] start processing
01:31:42 - cmdstanpy - INFO - Chain [1] done processing
01:31:42 - cmdstanpy - INFO - Chain [1] start processing
01:31:42 - cmdstanpy - INFO - Chain [1] done processing
01:31:42 - cmdstanpy - INFO - Chain [1] start processing
01:31:42 - cmdstanpy - INFO - Chain [1] done processing
01:31:43 - cmdstanpy - INFO - Chain [1] start processing
01:31:43 - cmdstanpy - INFO - Chain [1] done processing
01:31:43 - cmdstanpy - INFO - Chain [1] start processing
01:31:43 - cmdstanpy - INFO - Chain [1] done processing
01:31:43 - cmdstanpy - INFO - Chain [1] start processing
01:31:43 - cmdstanpy - INFO - Chain [1] done processing
01:31:44 - cmdstanpy - INFO - Chain [1] start processing
01:31:44 - cmdstanpy - INFO - Chain [1] done processing
01:31:44 - cmdstanpy - INFO - Chain [1] start processing
01:31:44 - cmdstanpy - INFO - Chain [1] done processing
01:31:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:44 - cmdstanpy - INFO - Chain [1] start processing
01:31:44 - cmdstanpy - INFO - Chain [1] done processing
01:31:45 - cmdstanpy - INFO - Chain [1] start processing
01:31:45 - cmdstanpy - INFO - Chain [1] done processing
01:31:45 - cmdstanpy - INFO - Chain [1] start processing
01:31:45 - cmdstanpy - INFO - Chain [1] done processing
01:31:46 - cmdstanpy - INFO - Chain [1] start processing
01:31:46 - cmdstanpy - INFO - Chain [1] done processing
01:31:46 - cmdstanpy - INFO - Chain [1] start processing
01:31:46 - cmdstanpy - INFO - Chain [1] done processing
01:31:46 - cmdstanpy - INFO - Chain [1] start processing
01:31:46 - cmdstanpy - INFO - Chain [1] done processing
01:31:47 - cmdstanpy - INFO - Chain [1] start processing
01:31:47 - cmdstanpy - INFO - Chain [1] done processing
01:31:47 - cmdstanpy - INFO - Chain [1] start processing
01:31:47 - cmdstanpy - INFO - Chain [1] done processing
01:31:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:47 - cmdstanpy - INFO - Chain [1] start processing
01:31:47 - cmdstanpy - INFO - Chain [1] done processing
01:31:47 - cmdstanpy - INFO - Chain [1] start processing
01:31:48 - cmdstanpy - INFO - Chain [1] done processing
01:31:48 - cmdstanpy - INFO - Chain [1] start processing
01:31:48 - cmdstanpy - INFO - Chain [1] done processing
01:31:48 - cmdstanpy - INFO - Chain [1] start processing
01:31:48 - cmdstanpy - INFO - Chain [1] done processing
01:31:49 - cmdstanpy - INFO - Chain [1] start processing
01:31:49 - cmdstanpy - INFO - Chain [1] done processing
01:31:49 - cmdstanpy - INFO - Chain [1] start processing
01:31:49 - cmdstanpy - INFO - Chain [1] done processing
01:31:49 - cmdstanpy - INFO - Chain [1] start processing
01:31:49 - cmdstanpy - INFO - Chain [1] done processing
01:31:50 - cmdstanpy - INFO - Chain [1] start processing
01:31:50 - cmdstanpy - INFO - Chain [1] done processing
01:31:50 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:31:50 - cmdstanpy - INFO - Chain [1] done processing
01:31:50 - cmdstanpy - INFO - Chain [1] start processing
01:31:50 - cmdstanpy - INFO - Chain [1] done processing
01:31:51 - cmdstanpy - INFO - Chain [1] start processing
01:31:51 - cmdstanpy - INFO - Chain [1] done processing
01:31:51 - cmdstanpy - INFO - Chain [1] start processing
01:31:51 - cmdstanpy - INFO - Chain [1] done processing
01:31:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:51 - cmdstanpy - INFO - Chain [1] start processing
01:31:51 - cmdstanpy - INFO - Chain [1] done processing
01:31:51 - cmdstanpy - INFO - Chain [1] start processing
01:31:51 - cmdstanpy - INFO - Chain [1] done processing
01:31:52 - cmdstanpy - INFO - Chain [1] start processing
01:31:52 - cmdstanpy - INFO - Chain [1] done processing
01:31:52 - cmdstanpy - INFO - Chain [1] start processing
01:31:52 - cmdstanpy - INFO - Chain [1] done processing
01:31:52 - cmdstanpy - INFO - Chain [1] start processing
01:31:52 - cmdstanpy - INFO - Chain [1] done processing
01:31:53 - cmdstanpy - INFO - Chain [1] start processing
01:31:53 - cmdstanpy - INFO - Chain [1] done processing
01:31:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:31:53 - cmdstanpy - INFO - Chain [1] start processing
01:31:53 - cmdstanpy - INFO - Chain [1] done processing
01:31:53 - cmdstanpy - INFO - Chain [1] start processing
01:31:53 - cmdstanpy - INFO - Chain [1] done processing
01:31:54 - cmdstanpy - INFO - Chain [1] start processing
01:31:54 - cmdstanpy - INFO - Chain [1] done processing
01:31:54 - cmdstanpy - INFO - Chain [1] start processing
01:31:54 - cmdstanpy - INFO - Chain [1] done processing
01:31:54 - cmdstanpy - INFO - Chain [1] start processing
01:31:54 - cmdstanpy - INFO - Chain [1] done processing
01:31:55 - cmdstanpy - INFO - Chain [1] start processing
01:31:55 - cmdstanpy - INFO - Chain [1] done processing
01:31:55 - cmdstanpy - INFO - Chain [1] start processing
01:31:55 - cmdstanpy - INFO - Chain [1] done processing
01:31:56 - cmdstanpy - INFO - Chain [1] start processing
01:31:56 - cmdstanpy - INFO - Chain [1] done processing
01:31:56 - cmdstanpy - INFO - Chain [1] start processing
01:31:56 - cmdstanpy - INFO - Chain [1] done processing
01:31:56 - cmdstanpy - INFO - Chain [1] start processing
01:31:56 - cmdstanpy - INFO - Chain [1] done processing
01:31:57 - cmdstanpy - INFO - Chain [1] start processing
01:31:57 - cmdstanpy - INFO - Chain [1] done processing
01:31:57 - cmdstanpy - INFO - Chain [1] start processing
01:31:57 - cmdstanpy - INFO - Chain [1] done processing
01:31:58 - cmdstanpy - INFO - Chain [1] start processing
01:31:58 - cmdstanpy - INFO - Chain [1] done processing
01:31:58 - cmdstanpy - INFO - Chain [1] start processing
01:31:58 - cmdstanpy - INFO - Chain [1] done processing
01:31:58 - cmdstanpy - INFO - Chain [1] start processing
01:31:58 - cmdstanpy - INFO - Chain [1] done processing
01:31:59 - cmdstanpy - INFO - Chain [1] start processing
01:31:59 - cmdstanpy - INFO - Chain [1] done processing
01:31:59 - cmdstanpy - INFO - Chain [1] start processing
01:31:59 - cmdstanpy - INFO - Chain [1] done processing
01:32:00 - cmdstanpy - INFO - Chain [1] start processing
01:32:00 - cmdstanpy - INFO - Chain [1] done processing
01:32:00 - cmdstanpy - INFO - Chain [1] start processing
01:32:00 - cmdstanpy - INFO - Chain [1] done processing
01:32:00 - cmdstanpy - INFO - Chain [1] start processing
01:32:00 - cmdstanpy - INFO - Chain [1] done processing
01:32:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:32:01 - cmdstanpy - INFO - Chain [1] done processing
01:32:01 - cmdstanpy - INFO - Chain [1] start processing
01:32:01 - cmdstanpy - INFO - Chain [1] done processing
01:32:01 - cmdstanpy - INFO - Chain [1] start processing
01:32:01 - cmdstanpy - INFO - Chain [1] done processing
01:32:02 - cmdstanpy - INFO - Chain [1] start processing
01:32:02 - cmdstanpy - INFO - Chain [1] done processing
01:32:02 - cmdstanpy - INFO - Chain [1] start processing
01:32:02 - cmdstanpy - INFO - Chain [1] done processing
01:32:03 - cmdstanpy - INFO - Chain [1] start processing
01:32:03 - cmdstanpy - INFO - Chain [1] done processing
01:32:03 - cmdstanpy - INFO - Chain [1] start processing
01:32:03 - cmdstanpy - INFO - Chain [1] done processing
01:32:03 - cmdstanpy - INFO - Chain [1] start processing
01:32:03 - cmdstanpy - INFO - Chain [1] done processing
01:32:04 - cmdstanpy - INFO - Chain [1] start processing
01:32:04 - cmdstanpy - INFO - Chain [1] done processing
01:32:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:04 - cmdstanpy - INFO - Chain [1] start processing
01:32:04 - cmdstanpy - INFO - Chain [1] done processing
01:32:04 - cmdstanpy - INFO - Chain [1] start processing
01:32:04 - cmdstanpy - INFO - Chain [1] done processing
01:32:05 - cmdstanpy - INFO - Chain [1] start processing
01:32:05 - cmdstanpy - INFO - Chain [1] done processing
01:32:05 - cmdstanpy - INFO - Chain [1] start processing
01:32:05 - cmdstanpy - INFO - Chain [1] done processing
01:32:06 - cmdstanpy - INFO - Chain [1] start processing
01:32:06 - cmdstanpy - INFO - Chain [1] done processing
01:32:06 - cmdstanpy - INFO - Chain [1] start processing
01:32:06 - cmdstanpy - INFO - Chain [1] done processing
01:32:06 - cmdstanpy - INFO - Chain [1] start processing
01:32:06 - cmdstanpy - INFO - Chain [1] done processing
01:32:07 - cmdstanpy - INFO - Chain [1] start processing
01:32:07 - cmdstanpy - INFO - Chain [1] done processing
01:32:07 - cmdstanpy - INFO - Chain [1] start processing
01:32:07 - cmdstanpy - INFO - Chain [1] done processing
01:32:08 - cmdstanpy - INFO - Chain [1] start processing
01:32:08 - cmdstanpy - INFO - Chain [1] done processing
01:32:08 - cmdstanpy - INFO - Chain [1] start processing
01:32:08 - cmdstanpy - INFO - Chain [1] done processing
01:32:08 - cmdstanpy - INFO - Chain [1] start processing
01:32:08 - cmdstanpy - INFO - Chain [1] done processing
01:32:09 - cmdstanpy - INFO - Chain [1] start processing
01:32:09 - cmdstanpy - INFO - Chain [1] done processing
01:32:09 - cmdstanpy - INFO - Chain [1] start processing
01:32:09 - cmdstanpy - INFO - Chain [1] done processing
01:32:09 - cmdstanpy - INFO - Chain [1] start processing
01:32:09 - cmdstanpy - INFO - Chain [1] done processing
01:32:10 - cmdstanpy - INFO - Chain [1] start processing
01:32:10 - cmdstanpy - INFO - Chain [1] done processing
01:32:10 - cmdstanpy - INFO - Chain [1] start processing
01:32:10 - cmdstanpy - INFO - Chain [1] done processing
01:32:11 - cmdstanpy - INFO - Chain [1] start processing
01:32:11 - cmdstanpy - INFO - Chain [1] done processing
01:32:11 - cmdstanpy - INFO - Chain [1] start processing
01:32:11 - cmdstanpy - INFO - Chain [1] done processing
01:32:11 - cmdstanpy - INFO - Chain [1] start processing
01:32:11 - cmdstanpy - INFO - Chain [1] done processing
01:32:12 - cmdstanpy - INFO - Chain [1] start processing
01:32:12 - cmdstanpy - INFO - Chain [1] done processing
01:32:12 - cmdstanpy - INFO - Chain [1] start processing
01:32:12 - cmdstanpy - INFO - Chain [1] done processing
01:32:12 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:32:13 - cmdstanpy - INFO - Chain [1] done processing
01:32:13 - cmdstanpy - INFO - Chain [1] start processing
01:32:13 - cmdstanpy - INFO - Chain [1] done processing
01:32:13 - cmdstanpy - INFO - Chain [1] start processing
01:32:13 - cmdstanpy - INFO - Chain [1] done processing
01:32:13 - cmdstanpy - INFO - Chain [1] start processing
01:32:14 - cmdstanpy - INFO - Chain [1] done processing
01:32:14 - cmdstanpy - INFO - Chain [1] start processing
01:32:14 - cmdstanpy - INFO - Chain [1] done processing
01:32:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:14 - cmdstanpy - INFO - Chain [1] start processing
01:32:14 - cmdstanpy - INFO - Chain [1] done processing
01:32:14 - cmdstanpy - INFO - Chain [1] start processing
01:32:15 - cmdstanpy - INFO - Chain [1] done processing
01:32:15 - cmdstanpy - INFO - Chain [1] start processing
01:32:15 - cmdstanpy - INFO - Chain [1] done processing
01:32:15 - cmdstanpy - INFO - Chain [1] start processing
01:32:15 - cmdstanpy - INFO - Chain [1] done processing
01:32:16 - cmdstanpy - INFO - Chain [1] start processing
01:32:16 - cmdstanpy - INFO - Chain [1] done processing
01:32:16 - cmdstanpy - INFO - Chain [1] start processing
01:32:16 - cmdstanpy - INFO - Chain [1] done processing
01:32:17 - cmdstanpy - INFO - Chain [1] start processing
01:32:17 - cmdstanpy - INFO - Chain [1] done processing
01:32:17 - cmdstanpy - INFO - Chain [1] start processing
01:32:17 - cmdstanpy - INFO - Chain [1] done processing
01:32:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:17 - cmdstanpy - INFO - Chain [1] start processing
01:32:17 - cmdstanpy - INFO - Chain [1] done processing
01:32:18 - cmdstanpy - INFO - Chain [1] start processing
01:32:18 - cmdstanpy - INFO - Chain [1] done processing
01:32:18 - cmdstanpy - INFO - Chain [1] start processing
01:32:18 - cmdstanpy - INFO - Chain [1] done processing
01:32:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:18 - cmdstanpy - INFO - Chain [1] start processing
01:32:18 - cmdstanpy - INFO - Chain [1] done processing
01:32:19 - cmdstanpy - INFO - Chain [1] start processing
01:32:19 - cmdstanpy - INFO - Chain [1] done processing
01:32:19 - cmdstanpy - INFO - Chain [1] start processing
01:32:19 - cmdstanpy - INFO - Chain [1] done processing
01:32:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:19 - cmdstanpy - INFO - Chain [1] start processing
01:32:19 - cmdstanpy - INFO - Chain [1] done processing
01:32:20 - cmdstanpy - INFO - Chain [1] start processing
01:32:20 - cmdstanpy - INFO - Chain [1] done processing
01:32:20 - cmdstanpy - INFO - Chain [1] start processing
01:32:20 - cmdstanpy - INFO - Chain [1] done processing
01:32:20 - cmdstanpy - INFO - Chain [1] start processing
01:32:20 - cmdstanpy - INFO - Chain [1] done processing
01:32:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:21 - cmdstanpy - INFO - Chain [1] start processing
01:32:21 - cmdstanpy - INFO - Chain [1] done processing
01:32:21 - cmdstanpy - INFO - Chain [1] start processing
01:32:21 - cmdstanpy - INFO - Chain [1] done processing
01:32:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:21 - cmdstanpy - INFO - Chain [1] start processing
01:32:22 - cmdstanpy - INFO - Chain [1] done processing
01:32:22 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:32:22 - cmdstanpy - INFO - Chain [1] done processing
01:32:22 - cmdstanpy - INFO - Chain [1] start processing
01:32:22 - cmdstanpy - INFO - Chain [1] done processing
01:32:23 - cmdstanpy - INFO - Chain [1] start processing
01:32:23 - cmdstanpy - INFO - Chain [1] done processing
01:32:23 - cmdstanpy - INFO - Chain [1] start processing
01:32:23 - cmdstanpy - INFO - Chain [1] done processing
01:32:23 - cmdstanpy - INFO - Chain [1] start processing
01:32:24 - cmdstanpy - INFO - Chain [1] done processing
01:32:24 - cmdstanpy - INFO - Chain [1] start processing
01:32:24 - cmdstanpy - INFO - Chain [1] done processing
01:32:24 - cmdstanpy - INFO - Chain [1] start processing
01:32:24 - cmdstanpy - INFO - Chain [1] done processing
01:32:25 - cmdstanpy - INFO - Chain [1] start processing
01:32:25 - cmdstanpy - INFO - Chain [1] done processing
01:32:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:25 - cmdstanpy - INFO - Chain [1] start processing
01:32:25 - cmdstanpy - INFO - Chain [1] done processing
01:32:25 - cmdstanpy - INFO - Chain [1] start processing
01:32:25 - cmdstanpy - INFO - Chain [1] done processing
01:32:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:25 - cmdstanpy - INFO - Chain [1] start processing
01:32:26 - cmdstanpy - INFO - Chain [1] done processing
01:32:26 - cmdstanpy - INFO - Chain [1] start processing
01:32:26 - cmdstanpy - INFO - Chain [1] done processing
01:32:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:26 - cmdstanpy - INFO - Chain [1] start processing
01:32:26 - cmdstanpy - INFO - Chain [1] done processing
01:32:27 - cmdstanpy - INFO - Chain [1] start processing
01:32:27 - cmdstanpy - INFO - Chain [1] done processing
01:32:27 - cmdstanpy - INFO - Chain [1] start processing
01:32:27 - cmdstanpy - INFO - Chain [1] done processing
01:32:27 - cmdstanpy - INFO - Chain [1] start processing
01:32:27 - cmdstanpy - INFO - Chain [1] done processing
01:32:28 - cmdstanpy - INFO - Chain [1] start processing
01:32:28 - cmdstanpy - INFO - Chain [1] done processing
01:32:28 - cmdstanpy - INFO - Chain [1] start processing
01:32:28 - cmdstanpy - INFO - Chain [1] done processing
01:32:28 - cmdstanpy - INFO - Chain [1] start processing
01:32:28 - cmdstanpy - INFO - Chain [1] done processing
01:32:29 - cmdstanpy - INFO - Chain [1] start processing
01:32:29 - cmdstanpy - INFO - Chain [1] done processing
01:32:29 - cmdstanpy - INFO - Chain [1] start processing
01:32:29 - cmdstanpy - INFO - Chain [1] done processing
01:32:29 - cmdstanpy - INFO - Chain [1] start processing
01:32:29 - cmdstanpy - INFO - Chain [1] done processing
01:32:30 - cmdstanpy - INFO - Chain [1] start processing
01:32:30 - cmdstanpy - INFO - Chain [1] done processing
01:32:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:30 - cmdstanpy - INFO - Chain [1] start processing
01:32:30 - cmdstanpy - INFO - Chain [1] done processing
01:32:30 - cmdstanpy - INFO - Chain [1] start processing
01:32:30 - cmdstanpy - INFO - Chain [1] done processing
01:32:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:30 - cmdstanpy - INFO - Chain [1] start processing
01:32:31 - cmdstanpy - INFO - Chain [1] done processing
01:32:31 - cmdstanpy - INFO - Chain [1] start processing
01:32:31 - cmdstanpy - INFO - Chain [1] done processing
01:32:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:32:31 - cmdstanpy - INFO - Chain [1] start processing
01:32:31 - cmdstanpy - INFO - Chain [1] done processing
01:32:32 - cmdstanpy - INFO - Chain [1] start processing
01:32:32 - cmdstanpy - INFO - Chain [1] done processing
01:32:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:32 - cmdstanpy - INFO - Chain [1] start processing
01:32:32 - cmdstanpy - INFO - Chain [1] done processing
01:32:32 - cmdstanpy - INFO - Chain [1] start processing
01:32:32 - cmdstanpy - INFO - Chain [1] done processing
01:32:32 - cmdstanpy - INFO - Chain [1] start processing
01:32:32 - cmdstanpy - INFO - Chain [1] done processing
01:32:33 - cmdstanpy - INFO - Chain [1] start processing
01:32:33 - cmdstanpy - INFO - Chain [1] done processing
01:32:33 - cmdstanpy - INFO - Chain [1] start processing
01:32:33 - cmdstanpy - INFO - Chain [1] done processing
01:32:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:33 - cmdstanpy - INFO - Chain [1] start processing
01:32:33 - cmdstanpy - INFO - Chain [1] done processing
01:32:34 - cmdstanpy - INFO - Chain [1] start processing
01:32:34 - cmdstanpy - INFO - Chain [1] done processing
01:32:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:34 - cmdstanpy - INFO - Chain [1] start processing
01:32:34 - cmdstanpy - INFO - Chain [1] done processing
01:32:34 - cmdstanpy - INFO - Chain [1] start processing
01:32:34 - cmdstanpy - INFO - Chain [1] done processing
01:32:35 - cmdstanpy - INFO - Chain [1] start processing
01:32:35 - cmdstanpy - INFO - Chain [1] done processing
01:32:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:35 - cmdstanpy - INFO - Chain [1] start processing
01:32:35 - cmdstanpy - INFO - Chain [1] done processing
01:32:35 - cmdstanpy - INFO - Chain [1] start processing
01:32:35 - cmdstanpy - INFO - Chain [1] done processing
01:32:35 - cmdstanpy - INFO - Chain [1] start processing
01:32:35 - cmdstanpy - INFO - Chain [1] done processing
01:32:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:36 - cmdstanpy - INFO - Chain [1] start processing
01:32:36 - cmdstanpy - INFO - Chain [1] done processing
01:32:36 - cmdstanpy - INFO - Chain [1] start processing
01:32:36 - cmdstanpy - INFO - Chain [1] done processing
01:32:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:36 - cmdstanpy - INFO - Chain [1] start processing
01:32:36 - cmdstanpy - INFO - Chain [1] done processing
01:32:37 - cmdstanpy - INFO - Chain [1] start processing
01:32:37 - cmdstanpy - INFO - Chain [1] done processing
01:32:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:37 - cmdstanpy - INFO - Chain [1] start processing
01:32:37 - cmdstanpy - INFO - Chain [1] done processing
01:32:37 - cmdstanpy - INFO - Chain [1] start processing
01:32:37 - cmdstanpy - INFO - Chain [1] done processing
01:32:38 - cmdstanpy - INFO - Chain [1] start processing
01:32:38 - cmdstanpy - INFO - Chain [1] done processing
01:32:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:38 - cmdstanpy - INFO - Chain [1] start processing
01:32:38 - cmdstanpy - INFO - Chain [1] done processing
01:32:38 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:32:38 - cmdstanpy - INFO - Chain [1] done processing
01:32:39 - cmdstanpy - INFO - Chain [1] start processing
01:32:39 - cmdstanpy - INFO - Chain [1] done processing
01:32:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:39 - cmdstanpy - INFO - Chain [1] start processing
01:32:39 - cmdstanpy - INFO - Chain [1] done processing
01:32:39 - cmdstanpy - INFO - Chain [1] start processing
01:32:39 - cmdstanpy - INFO - Chain [1] done processing
01:32:40 - cmdstanpy - INFO - Chain [1] start processing
01:32:40 - cmdstanpy - INFO - Chain [1] done processing
01:32:40 - cmdstanpy - INFO - Chain [1] start processing
01:32:40 - cmdstanpy - INFO - Chain [1] done processing
01:32:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:40 - cmdstanpy - INFO - Chain [1] start processing
01:32:40 - cmdstanpy - INFO - Chain [1] done processing
01:32:41 - cmdstanpy - INFO - Chain [1] start processing
01:32:41 - cmdstanpy - INFO - Chain [1] done processing
01:32:41 - cmdstanpy - INFO - Chain [1] start processing
01:32:41 - cmdstanpy - INFO - Chain [1] done processing
01:32:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:41 - cmdstanpy - INFO - Chain [1] start processing
01:32:41 - cmdstanpy - INFO - Chain [1] done processing
01:32:42 - cmdstanpy - INFO - Chain [1] start processing
01:32:42 - cmdstanpy - INFO - Chain [1] done processing
01:32:42 - cmdstanpy - INFO - Chain [1] start processing
01:32:42 - cmdstanpy - INFO - Chain [1] done processing
01:32:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:42 - cmdstanpy - INFO - Chain [1] start processing
01:32:42 - cmdstanpy - INFO - Chain [1] done processing
01:32:43 - cmdstanpy - INFO - Chain [1] start processing
01:32:43 - cmdstanpy - INFO - Chain [1] done processing
01:32:43 - cmdstanpy - INFO - Chain [1] start processing
01:32:43 - cmdstanpy - INFO - Chain [1] done processing
01:32:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:43 - cmdstanpy - INFO - Chain [1] start processing
01:32:43 - cmdstanpy - INFO - Chain [1] done processing
01:32:44 - cmdstanpy - INFO - Chain [1] start processing
01:32:44 - cmdstanpy - INFO - Chain [1] done processing
01:32:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:32:44 - cmdstanpy - INFO - Chain [1] start processing
01:32:44 - cmdstanpy - INFO - Chain [1] done processing
01:32:44 - cmdstanpy - INFO - Chain [1] start processing
01:32:44 - cmdstanpy - INFO - Chain [1] done processing
01:32:44 - cmdstanpy - INFO - Chain [1] start processing
01:32:45 - cmdstanpy - INFO - Chain [1] done processing
01:32:45 - cmdstanpy - INFO - Chain [1] start processing
01:32:45 - cmdstanpy - INFO - Chain [1] done processing
01:32:45 - cmdstanpy - INFO - Chain [1] start processing
01:32:45 - cmdstanpy - INFO - Chain [1] done processing
01:32:46 - cmdstanpy - INFO - Chain [1] start processing
01:32:46 - cmdstanpy - INFO - Chain [1] done processing
01:32:46 - cmdstanpy - INFO - Chain [1] start processing
01:32:46 - cmdstanpy - INFO - Chain [1] done processing
01:32:46 - cmdstanpy - INFO - Chain [1] start processing
01:32:46 - cmdstanpy - INFO - Chain [1] done processing
01:32:47 - cmdstanpy - INFO - Chain [1] start processing
01:32:47 - cmdstanpy - INFO - Chain [1] done processing
01:32:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:32:47 - cmdstanpy - INFO - Chain [1] done processing
01:32:47 - cmdstanpy - INFO - Chain [1] start processing
01:32:47 - cmdstanpy - INFO - Chain [1] done processing
01:32:48 - cmdstanpy - INFO - Chain [1] start processing
01:32:48 - cmdstanpy - INFO - Chain [1] done processing
01:32:48 - cmdstanpy - INFO - Chain [1] start processing
01:32:48 - cmdstanpy - INFO - Chain [1] done processing
01:32:48 - cmdstanpy - INFO - Chain [1] start processing
01:32:49 - cmdstanpy - INFO - Chain [1] done processing
01:32:49 - cmdstanpy - INFO - Chain [1] start processing
01:32:49 - cmdstanpy - INFO - Chain [1] done processing
01:32:49 - cmdstanpy - INFO - Chain [1] start processing
01:32:49 - cmdstanpy - INFO - Chain [1] done processing
01:32:50 - cmdstanpy - INFO - Chain [1] start processing
01:32:50 - cmdstanpy - INFO - Chain [1] done processing
01:32:50 - cmdstanpy - INFO - Chain [1] start processing
01:32:51 - cmdstanpy - INFO - Chain [1] done processing
01:32:51 - cmdstanpy - INFO - Chain [1] start processing
01:32:51 - cmdstanpy - INFO - Chain [1] done processing
01:32:51 - cmdstanpy - INFO - Chain [1] start processing
01:32:51 - cmdstanpy - INFO - Chain [1] done processing
01:32:52 - cmdstanpy - INFO - Chain [1] start processing
01:32:52 - cmdstanpy - INFO - Chain [1] done processing
01:32:52 - cmdstanpy - INFO - Chain [1] start processing
01:32:52 - cmdstanpy - INFO - Chain [1] done processing
01:32:53 - cmdstanpy - INFO - Chain [1] start processing
01:32:53 - cmdstanpy - INFO - Chain [1] done processing
01:32:53 - cmdstanpy - INFO - Chain [1] start processing
01:32:53 - cmdstanpy - INFO - Chain [1] done processing
01:32:53 - cmdstanpy - INFO - Chain [1] start processing
01:32:53 - cmdstanpy - INFO - Chain [1] done processing
01:32:54 - cmdstanpy - INFO - Chain [1] start processing
01:32:54 - cmdstanpy - INFO - Chain [1] done processing
01:32:54 - cmdstanpy - INFO - Chain [1] start processing
01:32:54 - cmdstanpy - INFO - Chain [1] done processing
01:32:54 - cmdstanpy - INFO - Chain [1] start processing
01:32:55 - cmdstanpy - INFO - Chain [1] done processing
01:32:55 - cmdstanpy - INFO - Chain [1] start processing
01:32:55 - cmdstanpy - INFO - Chain [1] done processing
01:32:55 - cmdstanpy - INFO - Chain [1] start processing
01:32:55 - cmdstanpy - INFO - Chain [1] done processing
01:32:55 - cmdstanpy - INFO - Chain [1] start processing
01:32:56 - cmdstanpy - INFO - Chain [1] done processing
01:32:56 - cmdstanpy - INFO - Chain [1] start processing
01:32:56 - cmdstanpy - INFO - Chain [1] done processing
01:32:56 - cmdstanpy - INFO - Chain [1] start processing
01:32:56 - cmdstanpy - INFO - Chain [1] done processing
01:32:57 - cmdstanpy - INFO - Chain [1] start processing
01:32:57 - cmdstanpy - INFO - Chain [1] done processing
01:32:57 - cmdstanpy - INFO - Chain [1] start processing
01:32:57 - cmdstanpy - INFO - Chain [1] done processing
01:32:57 - cmdstanpy - INFO - Chain [1] start processing
01:32:57 - cmdstanpy - INFO - Chain [1] done processing
01:32:58 - cmdstanpy - INFO - Chain [1] start processing
01:32:58 - cmdstanpy - INFO - Chain [1] done processing
01:32:58 - cmdstanpy - INFO - Chain [1] start processing
01:32:58 - cmdstanpy - INFO - Chain [1] done processing
01:32:58 - cmdstanpy - INFO - Chain [1] start processing
01:32:58 - cmdstanpy - INFO - Chain [1] done processing
01:32:59 - cmdstanpy - INFO - Chain [1] start processing
01:32:59 - cmdstanpy - INFO - Chain [1] done processing
01:32:59 - cmdstanpy - INFO - Chain [1] start processing
01:32:59 - cmdstanpy - INFO - Chain [1] done processing
01:32:59 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:33:00 - cmdstanpy - INFO - Chain [1] done processing
01:33:00 - cmdstanpy - INFO - Chain [1] start processing
01:33:00 - cmdstanpy - INFO - Chain [1] done processing
01:33:00 - cmdstanpy - INFO - Chain [1] start processing
01:33:00 - cmdstanpy - INFO - Chain [1] done processing
01:33:01 - cmdstanpy - INFO - Chain [1] start processing
01:33:01 - cmdstanpy - INFO - Chain [1] done processing
01:33:01 - cmdstanpy - INFO - Chain [1] start processing
01:33:01 - cmdstanpy - INFO - Chain [1] done processing
01:33:01 - cmdstanpy - INFO - Chain [1] start processing
01:33:01 - cmdstanpy - INFO - Chain [1] done processing
01:33:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:01 - cmdstanpy - INFO - Chain [1] start processing
01:33:01 - cmdstanpy - INFO - Chain [1] done processing
01:33:02 - cmdstanpy - INFO - Chain [1] start processing
01:33:02 - cmdstanpy - INFO - Chain [1] done processing
01:33:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:02 - cmdstanpy - INFO - Chain [1] start processing
01:33:02 - cmdstanpy - INFO - Chain [1] done processing
01:33:02 - cmdstanpy - INFO - Chain [1] start processing
01:33:02 - cmdstanpy - INFO - Chain [1] done processing
01:33:03 - cmdstanpy - INFO - Chain [1] start processing
01:33:03 - cmdstanpy - INFO - Chain [1] done processing
01:33:03 - cmdstanpy - INFO - Chain [1] start processing
01:33:03 - cmdstanpy - INFO - Chain [1] done processing
01:33:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:03 - cmdstanpy - INFO - Chain [1] start processing
01:33:03 - cmdstanpy - INFO - Chain [1] done processing
01:33:04 - cmdstanpy - INFO - Chain [1] start processing
01:33:04 - cmdstanpy - INFO - Chain [1] done processing
01:33:04 - cmdstanpy - INFO - Chain [1] start processing
01:33:04 - cmdstanpy - INFO - Chain [1] done processing
01:33:05 - cmdstanpy - INFO - Chain [1] start processing
01:33:05 - cmdstanpy - INFO - Chain [1] done processing
01:33:05 - cmdstanpy - INFO - Chain [1] start processing
01:33:05 - cmdstanpy - INFO - Chain [1] done processing
01:33:05 - cmdstanpy - INFO - Chain [1] start processing
01:33:05 - cmdstanpy - INFO - Chain [1] done processing
01:33:06 - cmdstanpy - INFO - Chain [1] start processing
01:33:06 - cmdstanpy - INFO - Chain [1] done processing
01:33:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:06 - cmdstanpy - INFO - Chain [1] start processing
01:33:06 - cmdstanpy - INFO - Chain [1] done processing
01:33:06 - cmdstanpy - INFO - Chain [1] start processing
01:33:06 - cmdstanpy - INFO - Chain [1] done processing
01:33:07 - cmdstanpy - INFO - Chain [1] start processing
01:33:07 - cmdstanpy - INFO - Chain [1] done processing
01:33:07 - cmdstanpy - INFO - Chain [1] start processing
01:33:07 - cmdstanpy - INFO - Chain [1] done processing
01:33:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:07 - cmdstanpy - INFO - Chain [1] start processing
01:33:07 - cmdstanpy - INFO - Chain [1] done processing
01:33:07 - cmdstanpy - INFO - Chain [1] start processing
01:33:08 - cmdstanpy - INFO - Chain [1] done processing
01:33:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:08 - cmdstanpy - INFO - Chain [1] start processing
01:33:08 - cmdstanpy - INFO - Chain [1] done processing
01:33:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:33:08 - cmdstanpy - INFO - Chain [1] done processing
01:33:08 - cmdstanpy - INFO - Chain [1] start processing
01:33:08 - cmdstanpy - INFO - Chain [1] done processing
01:33:09 - cmdstanpy - INFO - Chain [1] start processing
01:33:09 - cmdstanpy - INFO - Chain [1] done processing
01:33:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:09 - cmdstanpy - INFO - Chain [1] start processing
01:33:09 - cmdstanpy - INFO - Chain [1] done processing
01:33:09 - cmdstanpy - INFO - Chain [1] start processing
01:33:09 - cmdstanpy - INFO - Chain [1] done processing
01:33:10 - cmdstanpy - INFO - Chain [1] start processing
01:33:10 - cmdstanpy - INFO - Chain [1] done processing
01:33:10 - cmdstanpy - INFO - Chain [1] start processing
01:33:10 - cmdstanpy - INFO - Chain [1] done processing
01:33:10 - cmdstanpy - INFO - Chain [1] start processing
01:33:10 - cmdstanpy - INFO - Chain [1] done processing
01:33:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:10 - cmdstanpy - INFO - Chain [1] start processing
01:33:11 - cmdstanpy - INFO - Chain [1] done processing
01:33:11 - cmdstanpy - INFO - Chain [1] start processing
01:33:11 - cmdstanpy - INFO - Chain [1] done processing
01:33:11 - cmdstanpy - INFO - Chain [1] start processing
01:33:11 - cmdstanpy - INFO - Chain [1] done processing
01:33:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:11 - cmdstanpy - INFO - Chain [1] start processing
01:33:12 - cmdstanpy - INFO - Chain [1] done processing
01:33:12 - cmdstanpy - INFO - Chain [1] start processing
01:33:12 - cmdstanpy - INFO - Chain [1] done processing
01:33:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:12 - cmdstanpy - INFO - Chain [1] start processing
01:33:12 - cmdstanpy - INFO - Chain [1] done processing
01:33:13 - cmdstanpy - INFO - Chain [1] start processing
01:33:13 - cmdstanpy - INFO - Chain [1] done processing
01:33:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:13 - cmdstanpy - INFO - Chain [1] start processing
01:33:13 - cmdstanpy - INFO - Chain [1] done processing
01:33:13 - cmdstanpy - INFO - Chain [1] start processing
01:33:13 - cmdstanpy - INFO - Chain [1] done processing
01:33:14 - cmdstanpy - INFO - Chain [1] start processing
01:33:14 - cmdstanpy - INFO - Chain [1] done processing
01:33:14 - cmdstanpy - INFO - Chain [1] start processing
01:33:14 - cmdstanpy - INFO - Chain [1] done processing
01:33:14 - cmdstanpy - INFO - Chain [1] start processing
01:33:14 - cmdstanpy - INFO - Chain [1] done processing
01:33:15 - cmdstanpy - INFO - Chain [1] start processing
01:33:15 - cmdstanpy - INFO - Chain [1] done processing
01:33:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:15 - cmdstanpy - INFO - Chain [1] start processing
01:33:15 - cmdstanpy - INFO - Chain [1] done processing
01:33:15 - cmdstanpy - INFO - Chain [1] start processing
01:33:15 - cmdstanpy - INFO - Chain [1] done processing
01:33:16 - cmdstanpy - INFO - Chain [1] start processing
01:33:16 - cmdstanpy - INFO - Chain [1] done processing
01:33:16 - cmdstanpy - INFO - Chain [1] start processing
01:33:16 - cmdstanpy - INFO - Chain [1] done processing
01:33:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:16 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:33:16 - cmdstanpy - INFO - Chain [1] done processing
01:33:16 - cmdstanpy - INFO - Chain [1] start processing
01:33:17 - cmdstanpy - INFO - Chain [1] done processing
01:33:17 - cmdstanpy - INFO - Chain [1] start processing
01:33:17 - cmdstanpy - INFO - Chain [1] done processing
01:33:17 - cmdstanpy - INFO - Chain [1] start processing
01:33:17 - cmdstanpy - INFO - Chain [1] done processing
01:33:18 - cmdstanpy - INFO - Chain [1] start processing
01:33:18 - cmdstanpy - INFO - Chain [1] done processing
01:33:18 - cmdstanpy - INFO - Chain [1] start processing
01:33:18 - cmdstanpy - INFO - Chain [1] done processing
01:33:18 - cmdstanpy - INFO - Chain [1] start processing
01:33:18 - cmdstanpy - INFO - Chain [1] done processing
01:33:19 - cmdstanpy - INFO - Chain [1] start processing
01:33:19 - cmdstanpy - INFO - Chain [1] done processing
01:33:19 - cmdstanpy - INFO - Chain [1] start processing
01:33:19 - cmdstanpy - INFO - Chain [1] done processing
01:33:19 - cmdstanpy - INFO - Chain [1] start processing
01:33:19 - cmdstanpy - INFO - Chain [1] done processing
01:33:20 - cmdstanpy - INFO - Chain [1] start processing
01:33:20 - cmdstanpy - INFO - Chain [1] done processing
01:33:20 - cmdstanpy - INFO - Chain [1] start processing
01:33:20 - cmdstanpy - INFO - Chain [1] done processing
01:33:20 - cmdstanpy - INFO - Chain [1] start processing
01:33:20 - cmdstanpy - INFO - Chain [1] done processing
01:33:21 - cmdstanpy - INFO - Chain [1] start processing
01:33:21 - cmdstanpy - INFO - Chain [1] done processing
01:33:21 - cmdstanpy - INFO - Chain [1] start processing
01:33:21 - cmdstanpy - INFO - Chain [1] done processing
01:33:22 - cmdstanpy - INFO - Chain [1] start processing
01:33:22 - cmdstanpy - INFO - Chain [1] done processing
01:33:22 - cmdstanpy - INFO - Chain [1] start processing
01:33:22 - cmdstanpy - INFO - Chain [1] done processing
01:33:22 - cmdstanpy - INFO - Chain [1] start processing
01:33:22 - cmdstanpy - INFO - Chain [1] done processing
01:33:23 - cmdstanpy - INFO - Chain [1] start processing
01:33:23 - cmdstanpy - INFO - Chain [1] done processing
01:33:23 - cmdstanpy - INFO - Chain [1] start processing
01:33:23 - cmdstanpy - INFO - Chain [1] done processing
01:33:23 - cmdstanpy - INFO - Chain [1] start processing
01:33:23 - cmdstanpy - INFO - Chain [1] done processing
01:33:24 - cmdstanpy - INFO - Chain [1] start processing
01:33:24 - cmdstanpy - INFO - Chain [1] done processing
01:33:24 - cmdstanpy - INFO - Chain [1] start processing
01:33:24 - cmdstanpy - INFO - Chain [1] done processing
01:33:24 - cmdstanpy - INFO - Chain [1] start processing
01:33:24 - cmdstanpy - INFO - Chain [1] done processing
01:33:25 - cmdstanpy - INFO - Chain [1] start processing
01:33:25 - cmdstanpy - INFO - Chain [1] done processing
01:33:25 - cmdstanpy - INFO - Chain [1] start processing
01:33:25 - cmdstanpy - INFO - Chain [1] done processing
01:33:25 - cmdstanpy - INFO - Chain [1] start processing
01:33:25 - cmdstanpy - INFO - Chain [1] done processing
01:33:26 - cmdstanpy - INFO - Chain [1] start processing
01:33:26 - cmdstanpy - INFO - Chain [1] done processing
01:33:26 - cmdstanpy - INFO - Chain [1] start processing
01:33:26 - cmdstanpy - INFO - Chain [1] done processing
01:33:27 - cmdstanpy - INFO - Chain [1] start processing
01:33:27 - cmdstanpy - INFO - Chain [1] done processing
01:33:27 - cmdstanpy - INFO - Chain [1] start processing
01:33:27 - cmdstanpy - INFO - Chain [1] done processing
01:33:27 - cmdstanpy - INFO - Chain [1] start processing
01:33:27 - cmdstanpy - INFO - Chain [1] done processing
01:33:28 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:33:28 - cmdstanpy - INFO - Chain [1] done processing
01:33:28 - cmdstanpy - INFO - Chain [1] start processing
01:33:28 - cmdstanpy - INFO - Chain [1] done processing
01:33:28 - cmdstanpy - INFO - Chain [1] start processing
01:33:29 - cmdstanpy - INFO - Chain [1] done processing
01:33:29 - cmdstanpy - INFO - Chain [1] start processing
01:33:29 - cmdstanpy - INFO - Chain [1] done processing
01:33:29 - cmdstanpy - INFO - Chain [1] start processing
01:33:29 - cmdstanpy - INFO - Chain [1] done processing
01:33:30 - cmdstanpy - INFO - Chain [1] start processing
01:33:30 - cmdstanpy - INFO - Chain [1] done processing
01:33:30 - cmdstanpy - INFO - Chain [1] start processing
01:33:30 - cmdstanpy - INFO - Chain [1] done processing
01:33:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:30 - cmdstanpy - INFO - Chain [1] start processing
01:33:30 - cmdstanpy - INFO - Chain [1] done processing
01:33:31 - cmdstanpy - INFO - Chain [1] start processing
01:33:31 - cmdstanpy - INFO - Chain [1] done processing
01:33:31 - cmdstanpy - INFO - Chain [1] start processing
01:33:31 - cmdstanpy - INFO - Chain [1] done processing
01:33:31 - cmdstanpy - INFO - Chain [1] start processing
01:33:31 - cmdstanpy - INFO - Chain [1] done processing
01:33:32 - cmdstanpy - INFO - Chain [1] start processing
01:33:32 - cmdstanpy - INFO - Chain [1] done processing
01:33:32 - cmdstanpy - INFO - Chain [1] start processing
01:33:32 - cmdstanpy - INFO - Chain [1] done processing
01:33:32 - cmdstanpy - INFO - Chain [1] start processing
01:33:32 - cmdstanpy - INFO - Chain [1] done processing
01:33:33 - cmdstanpy - INFO - Chain [1] start processing
01:33:33 - cmdstanpy - INFO - Chain [1] done processing
01:33:33 - cmdstanpy - INFO - Chain [1] start processing
01:33:33 - cmdstanpy - INFO - Chain [1] done processing
01:33:33 - cmdstanpy - INFO - Chain [1] start processing
01:33:34 - cmdstanpy - INFO - Chain [1] done processing
01:33:34 - cmdstanpy - INFO - Chain [1] start processing
01:33:34 - cmdstanpy - INFO - Chain [1] done processing
01:33:34 - cmdstanpy - INFO - Chain [1] start processing
01:33:34 - cmdstanpy - INFO - Chain [1] done processing
01:33:35 - cmdstanpy - INFO - Chain [1] start processing
01:33:35 - cmdstanpy - INFO - Chain [1] done processing
01:33:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:35 - cmdstanpy - INFO - Chain [1] start processing
01:33:35 - cmdstanpy - INFO - Chain [1] done processing
01:33:35 - cmdstanpy - INFO - Chain [1] start processing
01:33:35 - cmdstanpy - INFO - Chain [1] done processing
01:33:36 - cmdstanpy - INFO - Chain [1] start processing
01:33:36 - cmdstanpy - INFO - Chain [1] done processing
01:33:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:36 - cmdstanpy - INFO - Chain [1] start processing
01:33:36 - cmdstanpy - INFO - Chain [1] done processing
01:33:37 - cmdstanpy - INFO - Chain [1] start processing
01:33:37 - cmdstanpy - INFO - Chain [1] done processing
01:33:37 - cmdstanpy - INFO - Chain [1] start processing
01:33:37 - cmdstanpy - INFO - Chain [1] done processing
01:33:37 - cmdstanpy - INFO - Chain [1] start processing
01:33:37 - cmdstanpy - INFO - Chain [1] done processing
01:33:38 - cmdstanpy - INFO - Chain [1] start processing
01:33:38 - cmdstanpy - INFO - Chain [1] done processing
01:33:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:38 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:33:38 - cmdstanpy - INFO - Chain [1] done processing
01:33:38 - cmdstanpy - INFO - Chain [1] start processing
01:33:38 - cmdstanpy - INFO - Chain [1] done processing
01:33:39 - cmdstanpy - INFO - Chain [1] start processing
01:33:39 - cmdstanpy - INFO - Chain [1] done processing
01:33:39 - cmdstanpy - INFO - Chain [1] start processing
01:33:39 - cmdstanpy - INFO - Chain [1] done processing
01:33:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:39 - cmdstanpy - INFO - Chain [1] start processing
01:33:39 - cmdstanpy - INFO - Chain [1] done processing
01:33:40 - cmdstanpy - INFO - Chain [1] start processing
01:33:40 - cmdstanpy - INFO - Chain [1] done processing
01:33:40 - cmdstanpy - INFO - Chain [1] start processing
01:33:40 - cmdstanpy - INFO - Chain [1] done processing
01:33:40 - cmdstanpy - INFO - Chain [1] start processing
01:33:40 - cmdstanpy - INFO - Chain [1] done processing
01:33:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:40 - cmdstanpy - INFO - Chain [1] start processing
01:33:41 - cmdstanpy - INFO - Chain [1] done processing
01:33:41 - cmdstanpy - INFO - Chain [1] start processing
01:33:41 - cmdstanpy - INFO - Chain [1] done processing
01:33:41 - cmdstanpy - INFO - Chain [1] start processing
01:33:41 - cmdstanpy - INFO - Chain [1] done processing
01:33:42 - cmdstanpy - INFO - Chain [1] start processing
01:33:42 - cmdstanpy - INFO - Chain [1] done processing
01:33:42 - cmdstanpy - INFO - Chain [1] start processing
01:33:42 - cmdstanpy - INFO - Chain [1] done processing
01:33:42 - cmdstanpy - INFO - Chain [1] start processing
01:33:42 - cmdstanpy - INFO - Chain [1] done processing
01:33:43 - cmdstanpy - INFO - Chain [1] start processing
01:33:43 - cmdstanpy - INFO - Chain [1] done processing
01:33:43 - cmdstanpy - INFO - Chain [1] start processing
01:33:43 - cmdstanpy - INFO - Chain [1] done processing
01:33:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:43 - cmdstanpy - INFO - Chain [1] start processing
01:33:43 - cmdstanpy - INFO - Chain [1] done processing
01:33:44 - cmdstanpy - INFO - Chain [1] start processing
01:33:44 - cmdstanpy - INFO - Chain [1] done processing
01:33:44 - cmdstanpy - INFO - Chain [1] start processing
01:33:44 - cmdstanpy - INFO - Chain [1] done processing
01:33:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:44 - cmdstanpy - INFO - Chain [1] start processing
01:33:44 - cmdstanpy - INFO - Chain [1] done processing
01:33:45 - cmdstanpy - INFO - Chain [1] start processing
01:33:45 - cmdstanpy - INFO - Chain [1] done processing
01:33:45 - cmdstanpy - INFO - Chain [1] start processing
01:33:45 - cmdstanpy - INFO - Chain [1] done processing
01:33:45 - cmdstanpy - INFO - Chain [1] start processing
01:33:45 - cmdstanpy - INFO - Chain [1] done processing
01:33:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:46 - cmdstanpy - INFO - Chain [1] start processing
01:33:46 - cmdstanpy - INFO - Chain [1] done processing
01:33:46 - cmdstanpy - INFO - Chain [1] start processing
01:33:46 - cmdstanpy - INFO - Chain [1] done processing
01:33:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:46 - cmdstanpy - INFO - Chain [1] start processing
01:33:46 - cmdstanpy - INFO - Chain [1] done processing
01:33:46 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:33:47 - cmdstanpy - INFO - Chain [1] done processing
01:33:47 - cmdstanpy - INFO - Chain [1] start processing
01:33:47 - cmdstanpy - INFO - Chain [1] done processing
01:33:47 - cmdstanpy - INFO - Chain [1] start processing
01:33:47 - cmdstanpy - INFO - Chain [1] done processing
01:33:48 - cmdstanpy - INFO - Chain [1] start processing
01:33:48 - cmdstanpy - INFO - Chain [1] done processing
01:33:48 - cmdstanpy - INFO - Chain [1] start processing
01:33:48 - cmdstanpy - INFO - Chain [1] done processing
01:33:48 - cmdstanpy - INFO - Chain [1] start processing
01:33:48 - cmdstanpy - INFO - Chain [1] done processing
01:33:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:48 - cmdstanpy - INFO - Chain [1] start processing
01:33:49 - cmdstanpy - INFO - Chain [1] done processing
01:33:49 - cmdstanpy - INFO - Chain [1] start processing
01:33:49 - cmdstanpy - INFO - Chain [1] done processing
01:33:49 - cmdstanpy - INFO - Chain [1] start processing
01:33:49 - cmdstanpy - INFO - Chain [1] done processing
01:33:50 - cmdstanpy - INFO - Chain [1] start processing
01:33:50 - cmdstanpy - INFO - Chain [1] done processing
01:33:50 - cmdstanpy - INFO - Chain [1] start processing
01:33:50 - cmdstanpy - INFO - Chain [1] done processing
01:33:50 - cmdstanpy - INFO - Chain [1] start processing
01:33:50 - cmdstanpy - INFO - Chain [1] done processing
01:33:51 - cmdstanpy - INFO - Chain [1] start processing
01:33:51 - cmdstanpy - INFO - Chain [1] done processing
01:33:51 - cmdstanpy - INFO - Chain [1] start processing
01:33:51 - cmdstanpy - INFO - Chain [1] done processing
01:33:51 - cmdstanpy - INFO - Chain [1] start processing
01:33:51 - cmdstanpy - INFO - Chain [1] done processing
01:33:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:51 - cmdstanpy - INFO - Chain [1] start processing
01:33:52 - cmdstanpy - INFO - Chain [1] done processing
01:33:52 - cmdstanpy - INFO - Chain [1] start processing
01:33:52 - cmdstanpy - INFO - Chain [1] done processing
01:33:52 - cmdstanpy - INFO - Chain [1] start processing
01:33:52 - cmdstanpy - INFO - Chain [1] done processing
01:33:53 - cmdstanpy - INFO - Chain [1] start processing
01:33:53 - cmdstanpy - INFO - Chain [1] done processing
01:33:53 - cmdstanpy - INFO - Chain [1] start processing
01:33:53 - cmdstanpy - INFO - Chain [1] done processing
01:33:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:53 - cmdstanpy - INFO - Chain [1] start processing
01:33:53 - cmdstanpy - INFO - Chain [1] done processing
01:33:53 - cmdstanpy - INFO - Chain [1] start processing
01:33:54 - cmdstanpy - INFO - Chain [1] done processing
01:33:54 - cmdstanpy - INFO - Chain [1] start processing
01:33:54 - cmdstanpy - INFO - Chain [1] done processing
01:33:54 - cmdstanpy - INFO - Chain [1] start processing
01:33:54 - cmdstanpy - INFO - Chain [1] done processing
01:33:55 - cmdstanpy - INFO - Chain [1] start processing
01:33:55 - cmdstanpy - INFO - Chain [1] done processing
01:33:55 - cmdstanpy - INFO - Chain [1] start processing
01:33:55 - cmdstanpy - INFO - Chain [1] done processing
01:33:55 - cmdstanpy - INFO - Chain [1] start processing
01:33:55 - cmdstanpy - INFO - Chain [1] done processing
01:33:56 - cmdstanpy - INFO - Chain [1] start processing
01:33:56 - cmdstanpy - INFO - Chain [1] done processing
01:33:56 - cmdstanpy - INFO - Chain [1] start processing
01:33:56 - cmdstanpy - INFO - Chain [1] done processing
01:33:56 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:33:56 - cmdstanpy - INFO - Chain [1] done processing
01:33:57 - cmdstanpy - INFO - Chain [1] start processing
01:33:57 - cmdstanpy - INFO - Chain [1] done processing
01:33:57 - cmdstanpy - INFO - Chain [1] start processing
01:33:57 - cmdstanpy - INFO - Chain [1] done processing
01:33:57 - cmdstanpy - INFO - Chain [1] start processing
01:33:57 - cmdstanpy - INFO - Chain [1] done processing
01:33:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:57 - cmdstanpy - INFO - Chain [1] start processing
01:33:58 - cmdstanpy - INFO - Chain [1] done processing
01:33:58 - cmdstanpy - INFO - Chain [1] start processing
01:33:58 - cmdstanpy - INFO - Chain [1] done processing
01:33:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:33:58 - cmdstanpy - INFO - Chain [1] start processing
01:33:58 - cmdstanpy - INFO - Chain [1] done processing
01:33:59 - cmdstanpy - INFO - Chain [1] start processing
01:33:59 - cmdstanpy - INFO - Chain [1] done processing
01:33:59 - cmdstanpy - INFO - Chain [1] start processing
01:33:59 - cmdstanpy - INFO - Chain [1] done processing
01:33:59 - cmdstanpy - INFO - Chain [1] start processing
01:33:59 - cmdstanpy - INFO - Chain [1] done processing
01:34:00 - cmdstanpy - INFO - Chain [1] start processing
01:34:00 - cmdstanpy - INFO - Chain [1] done processing
01:34:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:00 - cmdstanpy - INFO - Chain [1] start processing
01:34:00 - cmdstanpy - INFO - Chain [1] done processing
01:34:00 - cmdstanpy - INFO - Chain [1] start processing
01:34:00 - cmdstanpy - INFO - Chain [1] done processing
01:34:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:00 - cmdstanpy - INFO - Chain [1] start processing
01:34:01 - cmdstanpy - INFO - Chain [1] done processing
01:34:01 - cmdstanpy - INFO - Chain [1] start processing
01:34:01 - cmdstanpy - INFO - Chain [1] done processing
01:34:01 - cmdstanpy - INFO - Chain [1] start processing
01:34:01 - cmdstanpy - INFO - Chain [1] done processing
01:34:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:01 - cmdstanpy - INFO - Chain [1] start processing
01:34:02 - cmdstanpy - INFO - Chain [1] done processing
01:34:02 - cmdstanpy - INFO - Chain [1] start processing
01:34:02 - cmdstanpy - INFO - Chain [1] done processing
01:34:02 - cmdstanpy - INFO - Chain [1] start processing
01:34:02 - cmdstanpy - INFO - Chain [1] done processing
01:34:02 - cmdstanpy - INFO - Chain [1] start processing
01:34:02 - cmdstanpy - INFO - Chain [1] done processing
01:34:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:03 - cmdstanpy - INFO - Chain [1] start processing
01:34:03 - cmdstanpy - INFO - Chain [1] done processing
01:34:03 - cmdstanpy - INFO - Chain [1] start processing
01:34:03 - cmdstanpy - INFO - Chain [1] done processing
01:34:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:03 - cmdstanpy - INFO - Chain [1] start processing
01:34:03 - cmdstanpy - INFO - Chain [1] done processing
01:34:04 - cmdstanpy - INFO - Chain [1] start processing
01:34:04 - cmdstanpy - INFO - Chain [1] done processing
01:34:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:34:04 - cmdstanpy - INFO - Chain [1] done processing
01:34:04 - cmdstanpy - INFO - Chain [1] start processing
01:34:04 - cmdstanpy - INFO - Chain [1] done processing
01:34:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:04 - cmdstanpy - INFO - Chain [1] start processing
01:34:05 - cmdstanpy - INFO - Chain [1] done processing
01:34:05 - cmdstanpy - INFO - Chain [1] start processing
01:34:05 - cmdstanpy - INFO - Chain [1] done processing
01:34:05 - cmdstanpy - INFO - Chain [1] start processing
01:34:05 - cmdstanpy - INFO - Chain [1] done processing
01:34:06 - cmdstanpy - INFO - Chain [1] start processing
01:34:06 - cmdstanpy - INFO - Chain [1] done processing
01:34:06 - cmdstanpy - INFO - Chain [1] start processing
01:34:06 - cmdstanpy - INFO - Chain [1] done processing
01:34:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:06 - cmdstanpy - INFO - Chain [1] start processing
01:34:06 - cmdstanpy - INFO - Chain [1] done processing
01:34:07 - cmdstanpy - INFO - Chain [1] start processing
01:34:07 - cmdstanpy - INFO - Chain [1] done processing
01:34:07 - cmdstanpy - INFO - Chain [1] start processing
01:34:07 - cmdstanpy - INFO - Chain [1] done processing
01:34:07 - cmdstanpy - INFO - Chain [1] start processing
01:34:08 - cmdstanpy - INFO - Chain [1] done processing
01:34:08 - cmdstanpy - INFO - Chain [1] start processing
01:34:08 - cmdstanpy - INFO - Chain [1] done processing
01:34:08 - cmdstanpy - INFO - Chain [1] start processing
01:34:08 - cmdstanpy - INFO - Chain [1] done processing
01:34:09 - cmdstanpy - INFO - Chain [1] start processing
01:34:09 - cmdstanpy - INFO - Chain [1] done processing
01:34:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:09 - cmdstanpy - INFO - Chain [1] start processing
01:34:09 - cmdstanpy - INFO - Chain [1] done processing
01:34:09 - cmdstanpy - INFO - Chain [1] start processing
01:34:09 - cmdstanpy - INFO - Chain [1] done processing
01:34:09 - cmdstanpy - INFO - Chain [1] start processing
01:34:10 - cmdstanpy - INFO - Chain [1] done processing
01:34:10 - cmdstanpy - INFO - Chain [1] start processing
01:34:10 - cmdstanpy - INFO - Chain [1] done processing
01:34:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:10 - cmdstanpy - INFO - Chain [1] start processing
01:34:10 - cmdstanpy - INFO - Chain [1] done processing
01:34:10 - cmdstanpy - INFO - Chain [1] start processing
01:34:10 - cmdstanpy - INFO - Chain [1] done processing
01:34:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:10 - cmdstanpy - INFO - Chain [1] start processing
01:34:11 - cmdstanpy - INFO - Chain [1] done processing
01:34:11 - cmdstanpy - INFO - Chain [1] start processing
01:34:11 - cmdstanpy - INFO - Chain [1] done processing
01:34:11 - cmdstanpy - INFO - Chain [1] start processing
01:34:12 - cmdstanpy - INFO - Chain [1] done processing
01:34:12 - cmdstanpy - INFO - Chain [1] start processing
01:34:12 - cmdstanpy - INFO - Chain [1] done processing
01:34:12 - cmdstanpy - INFO - Chain [1] start processing
01:34:12 - cmdstanpy - INFO - Chain [1] done processing
01:34:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:12 - cmdstanpy - INFO - Chain [1] start processing
01:34:13 - cmdstanpy - INFO - Chain [1] done processing
01:34:13 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:34:13 - cmdstanpy - INFO - Chain [1] done processing
01:34:14 - cmdstanpy - INFO - Chain [1] start processing
01:34:14 - cmdstanpy - INFO - Chain [1] done processing
01:34:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:14 - cmdstanpy - INFO - Chain [1] start processing
01:34:14 - cmdstanpy - INFO - Chain [1] done processing
01:34:14 - cmdstanpy - INFO - Chain [1] start processing
01:34:14 - cmdstanpy - INFO - Chain [1] done processing
01:34:15 - cmdstanpy - INFO - Chain [1] start processing
01:34:15 - cmdstanpy - INFO - Chain [1] done processing
01:34:15 - cmdstanpy - INFO - Chain [1] start processing
01:34:15 - cmdstanpy - INFO - Chain [1] done processing
01:34:15 - cmdstanpy - INFO - Chain [1] start processing
01:34:15 - cmdstanpy - INFO - Chain [1] done processing
01:34:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:16 - cmdstanpy - INFO - Chain [1] start processing
01:34:16 - cmdstanpy - INFO - Chain [1] done processing
01:34:16 - cmdstanpy - INFO - Chain [1] start processing
01:34:16 - cmdstanpy - INFO - Chain [1] done processing
01:34:16 - cmdstanpy - INFO - Chain [1] start processing
01:34:16 - cmdstanpy - INFO - Chain [1] done processing
01:34:17 - cmdstanpy - INFO - Chain [1] start processing
01:34:17 - cmdstanpy - INFO - Chain [1] done processing
01:34:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:17 - cmdstanpy - INFO - Chain [1] start processing
01:34:17 - cmdstanpy - INFO - Chain [1] done processing
01:34:17 - cmdstanpy - INFO - Chain [1] start processing
01:34:17 - cmdstanpy - INFO - Chain [1] done processing
01:34:18 - cmdstanpy - INFO - Chain [1] start processing
01:34:18 - cmdstanpy - INFO - Chain [1] done processing
01:34:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:18 - cmdstanpy - INFO - Chain [1] start processing
01:34:18 - cmdstanpy - INFO - Chain [1] done processing
01:34:18 - cmdstanpy - INFO - Chain [1] start processing
01:34:18 - cmdstanpy - INFO - Chain [1] done processing
01:34:19 - cmdstanpy - INFO - Chain [1] start processing
01:34:19 - cmdstanpy - INFO - Chain [1] done processing
01:34:19 - cmdstanpy - INFO - Chain [1] start processing
01:34:19 - cmdstanpy - INFO - Chain [1] done processing
01:34:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:19 - cmdstanpy - INFO - Chain [1] start processing
01:34:19 - cmdstanpy - INFO - Chain [1] done processing
01:34:20 - cmdstanpy - INFO - Chain [1] start processing
01:34:20 - cmdstanpy - INFO - Chain [1] done processing
01:34:20 - cmdstanpy - INFO - Chain [1] start processing
01:34:20 - cmdstanpy - INFO - Chain [1] done processing
01:34:20 - cmdstanpy - INFO - Chain [1] start processing
01:34:20 - cmdstanpy - INFO - Chain [1] done processing
01:34:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:20 - cmdstanpy - INFO - Chain [1] start processing
01:34:21 - cmdstanpy - INFO - Chain [1] done processing
01:34:21 - cmdstanpy - INFO - Chain [1] start processing
01:34:21 - cmdstanpy - INFO - Chain [1] done processing
01:34:21 - cmdstanpy - INFO - Chain [1] start processing
01:34:21 - cmdstanpy - INFO - Chain [1] done processing
01:34:21 - cmdstanpy - INFO - Chain [1] start processing
01:34:22 - cmdstanpy - INFO - Chain [1] done processing
01:34:22 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:34:22 - cmdstanpy - INFO - Chain [1] done processing
01:34:22 - cmdstanpy - INFO - Chain [1] start processing
01:34:22 - cmdstanpy - INFO - Chain [1] done processing
01:34:23 - cmdstanpy - INFO - Chain [1] start processing
01:34:23 - cmdstanpy - INFO - Chain [1] done processing
01:34:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:23 - cmdstanpy - INFO - Chain [1] start processing
01:34:23 - cmdstanpy - INFO - Chain [1] done processing
01:34:23 - cmdstanpy - INFO - Chain [1] start processing
01:34:23 - cmdstanpy - INFO - Chain [1] done processing
01:34:24 - cmdstanpy - INFO - Chain [1] start processing
01:34:24 - cmdstanpy - INFO - Chain [1] done processing
01:34:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:24 - cmdstanpy - INFO - Chain [1] start processing
01:34:24 - cmdstanpy - INFO - Chain [1] done processing
01:34:25 - cmdstanpy - INFO - Chain [1] start processing
01:34:25 - cmdstanpy - INFO - Chain [1] done processing
01:34:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:25 - cmdstanpy - INFO - Chain [1] start processing
01:34:25 - cmdstanpy - INFO - Chain [1] done processing
01:34:25 - cmdstanpy - INFO - Chain [1] start processing
01:34:25 - cmdstanpy - INFO - Chain [1] done processing
01:34:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:25 - cmdstanpy - INFO - Chain [1] start processing
01:34:25 - cmdstanpy - INFO - Chain [1] done processing
01:34:26 - cmdstanpy - INFO - Chain [1] start processing
01:34:26 - cmdstanpy - INFO - Chain [1] done processing
01:34:26 - cmdstanpy - INFO - Chain [1] start processing
01:34:26 - cmdstanpy - INFO - Chain [1] done processing
01:34:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:26 - cmdstanpy - INFO - Chain [1] start processing
01:34:27 - cmdstanpy - INFO - Chain [1] done processing
01:34:27 - cmdstanpy - INFO - Chain [1] start processing
01:34:27 - cmdstanpy - INFO - Chain [1] done processing
01:34:27 - cmdstanpy - INFO - Chain [1] start processing
01:34:27 - cmdstanpy - INFO - Chain [1] done processing
01:34:28 - cmdstanpy - INFO - Chain [1] start processing
01:34:28 - cmdstanpy - INFO - Chain [1] done processing
01:34:28 - cmdstanpy - INFO - Chain [1] start processing
01:34:28 - cmdstanpy - INFO - Chain [1] done processing
01:34:28 - cmdstanpy - INFO - Chain [1] start processing
01:34:28 - cmdstanpy - INFO - Chain [1] done processing
01:34:29 - cmdstanpy - INFO - Chain [1] start processing
01:34:29 - cmdstanpy - INFO - Chain [1] done processing
01:34:29 - cmdstanpy - INFO - Chain [1] start processing
01:34:29 - cmdstanpy - INFO - Chain [1] done processing
01:34:29 - cmdstanpy - INFO - Chain [1] start processing
01:34:29 - cmdstanpy - INFO - Chain [1] done processing
01:34:30 - cmdstanpy - INFO - Chain [1] start processing
01:34:30 - cmdstanpy - INFO - Chain [1] done processing
01:34:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:30 - cmdstanpy - INFO - Chain [1] start processing
01:34:30 - cmdstanpy - INFO - Chain [1] done processing
01:34:31 - cmdstanpy - INFO - Chain [1] start processing
01:34:31 - cmdstanpy - INFO - Chain [1] done processing
01:34:31 - cmdstanpy - INFO - Chain [1] start processing
01:34:31 - cmdstanpy - INFO - Chain [1] done processing
01:34:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:34:31 - cmdstanpy - INFO - Chain [1] done processing
01:34:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:31 - cmdstanpy - INFO - Chain [1] start processing
01:34:32 - cmdstanpy - INFO - Chain [1] done processing
01:34:32 - cmdstanpy - INFO - Chain [1] start processing
01:34:32 - cmdstanpy - INFO - Chain [1] done processing
01:34:32 - cmdstanpy - INFO - Chain [1] start processing
01:34:32 - cmdstanpy - INFO - Chain [1] done processing
01:34:33 - cmdstanpy - INFO - Chain [1] start processing
01:34:33 - cmdstanpy - INFO - Chain [1] done processing
01:34:33 - cmdstanpy - INFO - Chain [1] start processing
01:34:33 - cmdstanpy - INFO - Chain [1] done processing
01:34:34 - cmdstanpy - INFO - Chain [1] start processing
01:34:34 - cmdstanpy - INFO - Chain [1] done processing
01:34:34 - cmdstanpy - INFO - Chain [1] start processing
01:34:34 - cmdstanpy - INFO - Chain [1] done processing
01:34:34 - cmdstanpy - INFO - Chain [1] start processing
01:34:34 - cmdstanpy - INFO - Chain [1] done processing
01:34:35 - cmdstanpy - INFO - Chain [1] start processing
01:34:35 - cmdstanpy - INFO - Chain [1] done processing
01:34:35 - cmdstanpy - INFO - Chain [1] start processing
01:34:35 - cmdstanpy - INFO - Chain [1] done processing
01:34:36 - cmdstanpy - INFO - Chain [1] start processing
01:34:36 - cmdstanpy - INFO - Chain [1] done processing
01:34:36 - cmdstanpy - INFO - Chain [1] start processing
01:34:36 - cmdstanpy - INFO - Chain [1] done processing
01:34:36 - cmdstanpy - INFO - Chain [1] start processing
01:34:36 - cmdstanpy - INFO - Chain [1] done processing
01:34:37 - cmdstanpy - INFO - Chain [1] start processing
01:34:37 - cmdstanpy - INFO - Chain [1] done processing
01:34:37 - cmdstanpy - INFO - Chain [1] start processing
01:34:37 - cmdstanpy - INFO - Chain [1] done processing
01:34:37 - cmdstanpy - INFO - Chain [1] start processing
01:34:38 - cmdstanpy - INFO - Chain [1] done processing
01:34:38 - cmdstanpy - INFO - Chain [1] start processing
01:34:38 - cmdstanpy - INFO - Chain [1] done processing
01:34:38 - cmdstanpy - INFO - Chain [1] start processing
01:34:38 - cmdstanpy - INFO - Chain [1] done processing
01:34:39 - cmdstanpy - INFO - Chain [1] start processing
01:34:39 - cmdstanpy - INFO - Chain [1] done processing
01:34:39 - cmdstanpy - INFO - Chain [1] start processing
01:34:39 - cmdstanpy - INFO - Chain [1] done processing
01:34:39 - cmdstanpy - INFO - Chain [1] start processing
01:34:39 - cmdstanpy - INFO - Chain [1] done processing
01:34:40 - cmdstanpy - INFO - Chain [1] start processing
01:34:40 - cmdstanpy - INFO - Chain [1] done processing
01:34:40 - cmdstanpy - INFO - Chain [1] start processing
01:34:40 - cmdstanpy - INFO - Chain [1] done processing
01:34:40 - cmdstanpy - INFO - Chain [1] start processing
01:34:40 - cmdstanpy - INFO - Chain [1] done processing
01:34:41 - cmdstanpy - INFO - Chain [1] start processing
01:34:41 - cmdstanpy - INFO - Chain [1] done processing
01:34:41 - cmdstanpy - INFO - Chain [1] start processing
01:34:41 - cmdstanpy - INFO - Chain [1] done processing
01:34:42 - cmdstanpy - INFO - Chain [1] start processing
01:34:42 - cmdstanpy - INFO - Chain [1] done processing
01:34:42 - cmdstanpy - INFO - Chain [1] start processing
01:34:42 - cmdstanpy - INFO - Chain [1] done processing
```

01:34:42 - cmdstanpy - INFO - Chain [1] start processing 01:34:42 - cmdstanpy - INFO - Chain [1] done processing 01:34:43 - cmdstanpy - INFO - Chain [1] start processing 01:34:43 - cmdstanpy - INFO - Chain [1] done processing 01:34:43 - cmdstanpy - INFO - Chain [1] start processing

```
01:34:43 - cmdstanpy - INFO - Chain [1] done processing
01:34:43 - cmdstanpy - INFO - Chain [1] start processing
01:34:43 - cmdstanpy - INFO - Chain [1] done processing
01:34:44 - cmdstanpy - INFO - Chain [1] start processing
01:34:44 - cmdstanpy - INFO - Chain [1] done processing
01:34:44 - cmdstanpy - INFO - Chain [1] start processing
01:34:44 - cmdstanpy - INFO - Chain [1] done processing
01:34:45 - cmdstanpy - INFO - Chain [1] start processing
01:34:45 - cmdstanpy - INFO - Chain [1] done processing
01:34:45 - cmdstanpy - INFO - Chain [1] start processing
01:34:45 - cmdstanpy - INFO - Chain [1] done processing
01:34:46 - cmdstanpy - INFO - Chain [1] start processing
01:34:46 - cmdstanpy - INFO - Chain [1] done processing
01:34:46 - cmdstanpy - INFO - Chain [1] start processing
01:34:46 - cmdstanpy - INFO - Chain [1] done processing
01:34:46 - cmdstanpy - INFO - Chain [1] start processing
01:34:46 - cmdstanpy - INFO - Chain [1] done processing
01:34:47 - cmdstanpy - INFO - Chain [1] start processing
01:34:47 - cmdstanpy - INFO - Chain [1] done processing
01:34:47 - cmdstanpy - INFO - Chain [1] start processing
01:34:47 - cmdstanpy - INFO - Chain [1] done processing
01:34:47 - cmdstanpy - INFO - Chain [1] start processing
01:34:48 - cmdstanpy - INFO - Chain [1] done processing
01:34:48 - cmdstanpy - INFO - Chain [1] start processing
01:34:48 - cmdstanpy - INFO - Chain [1] done processing
01:34:48 - cmdstanpy - INFO - Chain [1] start processing
01:34:48 - cmdstanpy - INFO - Chain [1] done processing
01:34:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:48 - cmdstanpy - INFO - Chain [1] start processing
01:34:49 - cmdstanpy - INFO - Chain [1] done processing
01:34:49 - cmdstanpy - INFO - Chain [1] start processing
01:34:49 - cmdstanpy - INFO - Chain [1] done processing
01:34:49 - cmdstanpy - INFO - Chain [1] start processing
01:34:49 - cmdstanpy - INFO - Chain [1] done processing
01:34:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:49 - cmdstanpy - INFO - Chain [1] start processing
01:34:50 - cmdstanpy - INFO - Chain [1] done processing
01:34:50 - cmdstanpy - INFO - Chain [1] start processing
01:34:50 - cmdstanpy - INFO - Chain [1] done processing
01:34:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:50 - cmdstanpy - INFO - Chain [1] start processing
01:34:50 - cmdstanpy - INFO - Chain [1] done processing
01:34:51 - cmdstanpy - INFO - Chain [1] start processing
01:34:51 - cmdstanpy - INFO - Chain [1] done processing
01:34:51 - cmdstanpy - INFO - Chain [1] start processing
01:34:51 - cmdstanpy - INFO - Chain [1] done processing
01:34:51 - cmdstanpy - INFO - Chain [1] start processing
01:34:51 - cmdstanpy - INFO - Chain [1] done processing
01:34:52 - cmdstanpy - INFO - Chain [1] start processing
01:34:52 - cmdstanpy - INFO - Chain [1] done processing
01:34:52 - cmdstanpy - INFO - Chain [1] start processing
01:34:52 - cmdstanpy - INFO - Chain [1] done processing
01:34:52 - cmdstanpy - INFO - Chain [1] start processing
01:34:52 - cmdstanpy - INFO - Chain [1] done processing
01:34:53 - cmdstanpy - INFO - Chain [1] start processing
01:34:53 - cmdstanpy - INFO - Chain [1] done processing
01:34:53 - cmdstanpy - INFO - Chain [1] start processing
01:34:53 - cmdstanpy - INFO - Chain [1] done processing
01:34:53 - cmdstanpy - INFO - Chain [1] start processing
01:34:53 - cmdstanpy - INFO - Chain [1] done processing
01:34:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:34:53 - cmdstanpy - INFO - Chain [1] start processing
01:34:54 - cmdstanpy - INFO - Chain [1] done processing
01:34:54 - cmdstanpy - INFO - Chain [1] start processing
01:34:54 - cmdstanpy - INFO - Chain [1] done processing
01:34:54 - cmdstanpy - INFO - Chain [1] start processing
01:34:54 - cmdstanpy - INFO - Chain [1] done processing
01:34:55 - cmdstanpy - INFO - Chain [1] start processing
01:34:55 - cmdstanpy - INFO - Chain [1] done processing
01:34:55 - cmdstanpy - INFO - Chain [1] start processing
01:34:55 - cmdstanpy - INFO - Chain [1] done processing
01:34:55 - cmdstanpy - INFO - Chain [1] start processing
01:34:55 - cmdstanpy - INFO - Chain [1] done processing
01:34:56 - cmdstanpy - INFO - Chain [1] start processing
01:34:56 - cmdstanpy - INFO - Chain [1] done processing
01:34:56 - cmdstanpy - INFO - Chain [1] start processing
01:34:56 - cmdstanpy - INFO - Chain [1] done processing
01:34:56 - cmdstanpy - INFO - Chain [1] start processing
01:34:56 - cmdstanpy - INFO - Chain [1] done processing
01:34:57 - cmdstanpy - INFO - Chain [1] start processing
01:34:57 - cmdstanpy - INFO - Chain [1] done processing
01:34:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:57 - cmdstanpy - INFO - Chain [1] start processing
01:34:57 - cmdstanpy - INFO - Chain [1] done processing
01:34:57 - cmdstanpy - INFO - Chain [1] start processing
01:34:57 - cmdstanpy - INFO - Chain [1] done processing
01:34:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:57 - cmdstanpy - INFO - Chain [1] start processing
01:34:58 - cmdstanpy - INFO - Chain [1] done processing
01:34:58 - cmdstanpy - INFO - Chain [1] start processing
01:34:58 - cmdstanpy - INFO - Chain [1] done processing
01:34:58 - cmdstanpy - INFO - Chain [1] start processing
01:34:58 - cmdstanpy - INFO - Chain [1] done processing
01:34:59 - cmdstanpy - INFO - Chain [1] start processing
01:34:59 - cmdstanpy - INFO - Chain [1] done processing
01:34:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:59 - cmdstanpy - INFO - Chain [1] start processing
01:34:59 - cmdstanpy - INFO - Chain [1] done processing
01:34:59 - cmdstanpy - INFO - Chain [1] start processing
01:34:59 - cmdstanpy - INFO - Chain [1] done processing
01:34:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:34:59 - cmdstanpy - INFO - Chain [1] start processing
01:35:00 - cmdstanpy - INFO - Chain [1] done processing
01:35:00 - cmdstanpy - INFO - Chain [1] start processing
01:35:00 - cmdstanpy - INFO - Chain [1] done processing
01:35:00 - cmdstanpy - INFO - Chain [1] start processing
01:35:00 - cmdstanpy - INFO - Chain [1] done processing
01:35:01 - cmdstanpy - INFO - Chain [1] start processing
01:35:01 - cmdstanpy - INFO - Chain [1] done processing
01:35:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:35:01 - cmdstanpy - INFO - Chain [1] start processing
01:35:01 - cmdstanpy - INFO - Chain [1] done processing
01:35:01 - cmdstanpy - INFO - Chain [1] start processing
01:35:01 - cmdstanpy - INFO - Chain [1] done processing
01:35:02 - cmdstanpy - INFO - Chain [1] start processing
01:35:02 - cmdstanpy - INFO - Chain [1] done processing
01:35:02 - cmdstanpy - INFO - Chain [1] start processing
01:35:02 - cmdstanpy - INFO - Chain [1] done processing
01:35:03 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:35:03 - cmdstanpy - INFO - Chain [1] done processing
01:35:03 - cmdstanpy - INFO - Chain [1] start processing
01:35:03 - cmdstanpy - INFO - Chain [1] done processing
01:35:03 - cmdstanpy - INFO - Chain [1] start processing
01:35:03 - cmdstanpy - INFO - Chain [1] done processing
01:35:04 - cmdstanpy - INFO - Chain [1] start processing
01:35:04 - cmdstanpy - INFO - Chain [1] done processing
01:35:04 - cmdstanpy - INFO - Chain [1] start processing
01:35:04 - cmdstanpy - INFO - Chain [1] done processing
01:35:04 - cmdstanpy - INFO - Chain [1] start processing
01:35:04 - cmdstanpy - INFO - Chain [1] done processing
01:35:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:35:04 - cmdstanpy - INFO - Chain [1] start processing
01:35:05 - cmdstanpy - INFO - Chain [1] done processing
01:35:05 - cmdstanpy - INFO - Chain [1] start processing
01:35:05 - cmdstanpy - INFO - Chain [1] done processing
01:35:05 - cmdstanpy - INFO - Chain [1] start processing
01:35:06 - cmdstanpy - INFO - Chain [1] done processing
01:35:06 - cmdstanpy - INFO - Chain [1] start processing
01:35:06 - cmdstanpy - INFO - Chain [1] done processing
01:35:06 - cmdstanpy - INFO - Chain [1] start processing
01:35:06 - cmdstanpy - INFO - Chain [1] done processing
01:35:07 - cmdstanpy - INFO - Chain [1] start processing
01:35:07 - cmdstanpy - INFO - Chain [1] done processing
01:35:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:35:07 - cmdstanpy - INFO - Chain [1] start processing
01:35:07 - cmdstanpy - INFO - Chain [1] done processing
01:35:07 - cmdstanpy - INFO - Chain [1] start processing
01:35:07 - cmdstanpy - INFO - Chain [1] done processing
01:35:08 - cmdstanpy - INFO - Chain [1] start processing
01:35:08 - cmdstanpy - INFO - Chain [1] done processing
01:35:08 - cmdstanpy - INFO - Chain [1] start processing
01:35:08 - cmdstanpy - INFO - Chain [1] done processing
01:35:08 - cmdstanpy - INFO - Chain [1] start processing
01:35:09 - cmdstanpy - INFO - Chain [1] done processing
01:35:09 - cmdstanpy - INFO - Chain [1] start processing
01:35:09 - cmdstanpy - INFO - Chain [1] done processing
01:35:09 - cmdstanpy - INFO - Chain [1] start processing
01:35:09 - cmdstanpy - INFO - Chain [1] done processing
01:35:10 - cmdstanpy - INFO - Chain [1] start processing
01:35:10 - cmdstanpy - INFO - Chain [1] done processing
01:35:10 - cmdstanpy - INFO - Chain [1] start processing
01:35:10 - cmdstanpy - INFO - Chain [1] done processing
01:35:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:35:10 - cmdstanpy - INFO - Chain [1] start processing
01:35:10 - cmdstanpy - INFO - Chain [1] done processing
01:35:11 - cmdstanpy - INFO - Chain [1] start processing
01:35:11 - cmdstanpy - INFO - Chain [1] done processing
01:35:11 - cmdstanpy - INFO - Chain [1] start processing
01:35:11 - cmdstanpy - INFO - Chain [1] done processing
01:35:12 - cmdstanpy - INFO - Chain [1] start processing
01:35:12 - cmdstanpy - INFO - Chain [1] done processing
01:35:12 - cmdstanpy - INFO - Chain [1] start processing
01:35:12 - cmdstanpy - INFO - Chain [1] done processing
01:35:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:35:12 - cmdstanpy - INFO - Chain [1] start processing
01:35:12 - cmdstanpy - INFO - Chain [1] done processing
01:35:13 - cmdstanpy - INFO - Chain [1] start processing
01:35:13 - cmdstanpy - INFO - Chain [1] done processing
01:35:13 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:35:13 - cmdstanpy - INFO - Chain [1] done processing
01:35:13 - cmdstanpy - INFO - Chain [1] start processing
01:35:13 - cmdstanpy - INFO - Chain [1] done processing
01:35:14 - cmdstanpy - INFO - Chain [1] start processing
01:35:14 - cmdstanpy - INFO - Chain [1] done processing
01:35:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:35:14 - cmdstanpy - INFO - Chain [1] start processing
01:35:14 - cmdstanpy - INFO - Chain [1] done processing
01:35:14 - cmdstanpy - INFO - Chain [1] start processing
01:35:14 - cmdstanpy - INFO - Chain [1] done processing
01:35:15 - cmdstanpy - INFO - Chain [1] start processing
01:35:15 - cmdstanpy - INFO - Chain [1] done processing
01:35:15 - cmdstanpy - INFO - Chain [1] start processing
01:35:15 - cmdstanpy - INFO - Chain [1] done processing
01:35:15 - cmdstanpy - INFO - Chain [1] start processing
01:35:16 - cmdstanpy - INFO - Chain [1] done processing
01:35:16 - cmdstanpy - INFO - Chain [1] start processing
01:35:16 - cmdstanpy - INFO - Chain [1] done processing
01:35:16 - cmdstanpy - INFO - Chain [1] start processing
01:35:16 - cmdstanpy - INFO - Chain [1] done processing
01:35:17 - cmdstanpy - INFO - Chain [1] start processing
01:35:17 - cmdstanpy - INFO - Chain [1] done processing
01:35:17 - cmdstanpy - INFO - Chain [1] start processing
01:35:17 - cmdstanpy - INFO - Chain [1] done processing
01:35:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:35:17 - cmdstanpy - INFO - Chain [1] start processing
01:35:17 - cmdstanpy - INFO - Chain [1] done processing
01:35:18 - cmdstanpy - INFO - Chain [1] start processing
01:35:18 - cmdstanpy - INFO - Chain [1] done processing
01:35:18 - cmdstanpy - INFO - Chain [1] start processing
01:35:18 - cmdstanpy - INFO - Chain [1] done processing
01:35:18 - cmdstanpy - INFO - Chain [1] start processing
01:35:18 - cmdstanpy - INFO - Chain [1] done processing
01:35:19 - cmdstanpy - INFO - Chain [1] start processing
01:35:19 - cmdstanpy - INFO - Chain [1] done processing
01:35:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:35:19 - cmdstanpy - INFO - Chain [1] start processing
01:35:19 - cmdstanpy - INFO - Chain [1] done processing
01:35:20 - cmdstanpy - INFO - Chain [1] start processing
01:35:20 - cmdstanpy - INFO - Chain [1] done processing
01:35:21 - cmdstanpy - INFO - Chain [1] start processing
01:35:21 - cmdstanpy - INFO - Chain [1] done processing
01:35:21 - cmdstanpy - INFO - Chain [1] start processing
01:35:21 - cmdstanpy - INFO - Chain [1] done processing
01:35:22 - cmdstanpy - INFO - Chain [1] start processing
01:35:22 - cmdstanpy - INFO - Chain [1] done processing
01:35:26 - cmdstanpy - INFO - Chain [1] start processing
01:35:26 - cmdstanpy - INFO - Chain [1] done processing
01:35:26 - cmdstanpy - INFO - Chain [1] start processing
01:35:26 - cmdstanpy - INFO - Chain [1] done processing
01:35:27 - cmdstanpy - INFO - Chain [1] start processing
01:35:27 - cmdstanpy - INFO - Chain [1] done processing
01:35:27 - cmdstanpy - INFO - Chain [1] start processing
01:35:27 - cmdstanpy - INFO - Chain [1] done processing
01:35:32 - cmdstanpy - INFO - Chain [1] start processing
01:35:32 - cmdstanpy - INFO - Chain [1] done processing
01:35:34 - cmdstanpy - INFO - Chain [1] start processing
01:35:34 - cmdstanpy - INFO - Chain [1] done processing
01:35:35 - cmdstanpy - INFO - Chain [1] start processing
01:35:35 - cmdstanpy - INFO - Chain [1] done processing
01:35:36 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:35:36 - cmdstanpy - INFO - Chain [1] done processing
01:35:36 - cmdstanpy - INFO - Chain [1] start processing
01:35:36 - cmdstanpy - INFO - Chain [1] done processing
01:35:37 - cmdstanpy - INFO - Chain [1] start processing
01:35:38 - cmdstanpy - INFO - Chain [1] done processing
01:35:38 - cmdstanpy - INFO - Chain [1] start processing
01:35:38 - cmdstanpy - INFO - Chain [1] done processing
01:35:38 - cmdstanpy - INFO - Chain [1] start processing
01:35:39 - cmdstanpy - INFO - Chain [1] done processing
01:35:39 - cmdstanpy - INFO - Chain [1] start processing
01:35:39 - cmdstanpy - INFO - Chain [1] done processing
01:35:40 - cmdstanpy - INFO - Chain [1] start processing
01:35:40 - cmdstanpy - INFO - Chain [1] done processing
01:35:41 - cmdstanpy - INFO - Chain [1] start processing
01:35:41 - cmdstanpy - INFO - Chain [1] done processing
01:35:42 - cmdstanpy - INFO - Chain [1] start processing
01:35:42 - cmdstanpy - INFO - Chain [1] done processing
01:35:43 - cmdstanpy - INFO - Chain [1] start processing
01:35:43 - cmdstanpy - INFO - Chain [1] done processing
01:35:43 - cmdstanpy - INFO - Chain [1] start processing
01:35:43 - cmdstanpy - INFO - Chain [1] done processing
01:35:44 - cmdstanpy - INFO - Chain [1] start processing
01:35:44 - cmdstanpy - INFO - Chain [1] done processing
01:35:44 - cmdstanpy - INFO - Chain [1] start processing
01:35:44 - cmdstanpy - INFO - Chain [1] done processing
01:35:46 - cmdstanpy - INFO - Chain [1] start processing
01:35:46 - cmdstanpy - INFO - Chain [1] done processing
01:35:46 - cmdstanpy - INFO - Chain [1] start processing
01:35:46 - cmdstanpy - INFO - Chain [1] done processing
01:35:46 - cmdstanpy - INFO - Chain [1] start processing
01:35:46 - cmdstanpy - INFO - Chain [1] done processing
01:35:47 - cmdstanpy - INFO - Chain [1] start processing
01:35:47 - cmdstanpy - INFO - Chain [1] done processing
01:35:47 - cmdstanpy - INFO - Chain [1] start processing
01:35:48 - cmdstanpy - INFO - Chain [1] done processing
01:35:49 - cmdstanpy - INFO - Chain [1] start processing
01:35:49 - cmdstanpy - INFO - Chain [1] done processing
01:35:50 - cmdstanpy - INFO - Chain [1] start processing
01:35:50 - cmdstanpy - INFO - Chain [1] done processing
01:35:50 - cmdstanpy - INFO - Chain [1] start processing
01:35:50 - cmdstanpy - INFO - Chain [1] done processing
01:35:51 - cmdstanpy - INFO - Chain [1] start processing
01:35:51 - cmdstanpy - INFO - Chain [1] done processing
01:35:52 - cmdstanpy - INFO - Chain [1] start processing
01:35:52 - cmdstanpy - INFO - Chain [1] done processing
01:35:53 - cmdstanpy - INFO - Chain [1] start processing
01:35:53 - cmdstanpy - INFO - Chain [1] done processing
01:35:53 - cmdstanpy - INFO - Chain [1] start processing
01:35:53 - cmdstanpy - INFO - Chain [1] done processing
01:35:54 - cmdstanpy - INFO - Chain [1] start processing
01:35:54 - cmdstanpy - INFO - Chain [1] done processing
01:35:57 - cmdstanpy - INFO - Chain [1] start processing
01:35:57 - cmdstanpy - INFO - Chain [1] done processing
01:35:57 - cmdstanpy - INFO - Chain [1] start processing
01:35:57 - cmdstanpy - INFO - Chain [1] done processing
01:35:58 - cmdstanpy - INFO - Chain [1] start processing
01:35:58 - cmdstanpy - INFO - Chain [1] done processing
01:35:58 - cmdstanpy - INFO - Chain [1] start processing
01:35:58 - cmdstanpy - INFO - Chain [1] done processing
01:35:59 - cmdstanpy - INFO - Chain [1] start processing
01:35:59 - cmdstanpy - INFO - Chain [1] done processing
01:35:59 - cmdstanpy - INFO - Chain [1] start processing
01:35:59 - cmdstanpy - INFO - Chain [1] done processing
01:36:00 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:36:00 - cmdstanpy - INFO - Chain [1] done processing
01:36:00 - cmdstanpy - INFO - Chain [1] start processing
01:36:00 - cmdstanpy - INFO - Chain [1] done processing
01:36:01 - cmdstanpy - INFO - Chain [1] start processing
01:36:01 - cmdstanpy - INFO - Chain [1] done processing
01:36:01 - cmdstanpy - INFO - Chain [1] start processing
01:36:01 - cmdstanpy - INFO - Chain [1] done processing
01:36:01 - cmdstanpy - INFO - Chain [1] start processing
01:36:01 - cmdstanpy - INFO - Chain [1] done processing
01:36:02 - cmdstanpy - INFO - Chain [1] start processing
01:36:02 - cmdstanpy - INFO - Chain [1] done processing
01:36:02 - cmdstanpy - INFO - Chain [1] start processing
01:36:02 - cmdstanpy - INFO - Chain [1] done processing
01:36:02 - cmdstanpy - INFO - Chain [1] start processing
01:36:02 - cmdstanpy - INFO - Chain [1] done processing
01:36:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:02 - cmdstanpy - INFO - Chain [1] start processing
01:36:03 - cmdstanpy - INFO - Chain [1] done processing
01:36:03 - cmdstanpy - INFO - Chain [1] start processing
01:36:03 - cmdstanpy - INFO - Chain [1] done processing
01:36:03 - cmdstanpy - INFO - Chain [1] start processing
01:36:03 - cmdstanpy - INFO - Chain [1] done processing
01:36:04 - cmdstanpy - INFO - Chain [1] start processing
01:36:04 - cmdstanpy - INFO - Chain [1] done processing
01:36:04 - cmdstanpy - INFO - Chain [1] start processing
01:36:04 - cmdstanpy - INFO - Chain [1] done processing
01:36:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:04 - cmdstanpy - INFO - Chain [1] start processing
01:36:04 - cmdstanpy - INFO - Chain [1] done processing
01:36:05 - cmdstanpy - INFO - Chain [1] start processing
01:36:05 - cmdstanpy - INFO - Chain [1] done processing
01:36:05 - cmdstanpy - INFO - Chain [1] start processing
01:36:05 - cmdstanpy - INFO - Chain [1] done processing
01:36:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:05 - cmdstanpy - INFO - Chain [1] start processing
01:36:05 - cmdstanpy - INFO - Chain [1] done processing
01:36:06 - cmdstanpy - INFO - Chain [1] start processing
01:36:06 - cmdstanpy - INFO - Chain [1] done processing
01:36:06 - cmdstanpy - INFO - Chain [1] start processing
01:36:06 - cmdstanpy - INFO - Chain [1] done processing
01:36:06 - cmdstanpy - INFO - Chain [1] start processing
01:36:06 - cmdstanpy - INFO - Chain [1] done processing
01:36:07 - cmdstanpy - INFO - Chain [1] start processing
01:36:07 - cmdstanpy - INFO - Chain [1] done processing
01:36:07 - cmdstanpy - INFO - Chain [1] start processing
01:36:07 - cmdstanpy - INFO - Chain [1] done processing
01:36:07 - cmdstanpy - INFO - Chain [1] start processing
01:36:07 - cmdstanpy - INFO - Chain [1] done processing
01:36:08 - cmdstanpy - INFO - Chain [1] start processing
01:36:08 - cmdstanpy - INFO - Chain [1] done processing
01:36:08 - cmdstanpy - INFO - Chain [1] start processing
01:36:08 - cmdstanpy - INFO - Chain [1] done processing
01:36:08 - cmdstanpy - INFO - Chain [1] start processing
01:36:09 - cmdstanpy - INFO - Chain [1] done processing
01:36:09 - cmdstanpy - INFO - Chain [1] start processing
01:36:09 - cmdstanpy - INFO - Chain [1] done processing
01:36:09 - cmdstanpy - INFO - Chain [1] start processing
01:36:09 - cmdstanpy - INFO - Chain [1] done processing
01:36:10 - cmdstanpy - INFO - Chain [1] start processing
01:36:10 - cmdstanpy - INFO - Chain [1] done processing
01:36:10 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:36:10 - cmdstanpy - INFO - Chain [1] done processing
01:36:10 - cmdstanpy - INFO - Chain [1] start processing
01:36:10 - cmdstanpy - INFO - Chain [1] done processing
01:36:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:10 - cmdstanpy - INFO - Chain [1] start processing
01:36:11 - cmdstanpy - INFO - Chain [1] done processing
01:36:11 - cmdstanpy - INFO - Chain [1] start processing
01:36:11 - cmdstanpy - INFO - Chain [1] done processing
01:36:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:11 - cmdstanpy - INFO - Chain [1] start processing
01:36:11 - cmdstanpy - INFO - Chain [1] done processing
01:36:12 - cmdstanpy - INFO - Chain [1] start processing
01:36:12 - cmdstanpy - INFO - Chain [1] done processing
01:36:12 - cmdstanpy - INFO - Chain [1] start processing
01:36:12 - cmdstanpy - INFO - Chain [1] done processing
01:36:12 - cmdstanpy - INFO - Chain [1] start processing
01:36:12 - cmdstanpy - INFO - Chain [1] done processing
01:36:13 - cmdstanpy - INFO - Chain [1] start processing
01:36:13 - cmdstanpy - INFO - Chain [1] done processing
01:36:13 - cmdstanpy - INFO - Chain [1] start processing
01:36:13 - cmdstanpy - INFO - Chain [1] done processing
01:36:13 - cmdstanpy - INFO - Chain [1] start processing
01:36:13 - cmdstanpy - INFO - Chain [1] done processing
01:36:14 - cmdstanpy - INFO - Chain [1] start processing
01:36:14 - cmdstanpy - INFO - Chain [1] done processing
01:36:14 - cmdstanpy - INFO - Chain [1] start processing
01:36:14 - cmdstanpy - INFO - Chain [1] done processing
01:36:15 - cmdstanpy - INFO - Chain [1] start processing
01:36:15 - cmdstanpy - INFO - Chain [1] done processing
01:36:15 - cmdstanpy - INFO - Chain [1] start processing
01:36:15 - cmdstanpy - INFO - Chain [1] done processing
01:36:15 - cmdstanpy - INFO - Chain [1] start processing
01:36:15 - cmdstanpy - INFO - Chain [1] done processing
01:36:16 - cmdstanpy - INFO - Chain [1] start processing
01:36:16 - cmdstanpy - INFO - Chain [1] done processing
01:36:16 - cmdstanpy - INFO - Chain [1] start processing
01:36:16 - cmdstanpy - INFO - Chain [1] done processing
01:36:16 - cmdstanpy - INFO - Chain [1] start processing
01:36:16 - cmdstanpy - INFO - Chain [1] done processing
01:36:17 - cmdstanpy - INFO - Chain [1] start processing
01:36:17 - cmdstanpy - INFO - Chain [1] done processing
01:36:17 - cmdstanpy - INFO - Chain [1] start processing
01:36:17 - cmdstanpy - INFO - Chain [1] done processing
01:36:17 - cmdstanpy - INFO - Chain [1] start processing
01:36:17 - cmdstanpy - INFO - Chain [1] done processing
01:36:18 - cmdstanpy - INFO - Chain [1] start processing
01:36:18 - cmdstanpy - INFO - Chain [1] done processing
01:36:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:18 - cmdstanpy - INFO - Chain [1] start processing
01:36:18 - cmdstanpy - INFO - Chain [1] done processing
01:36:18 - cmdstanpy - INFO - Chain [1] start processing
01:36:18 - cmdstanpy - INFO - Chain [1] done processing
01:36:19 - cmdstanpy - INFO - Chain [1] start processing
01:36:19 - cmdstanpy - INFO - Chain [1] done processing
01:36:19 - cmdstanpy - INFO - Chain [1] start processing
01:36:19 - cmdstanpy - INFO - Chain [1] done processing
01:36:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:19 - cmdstanpy - INFO - Chain [1] start processing
01:36:19 - cmdstanpy - INFO - Chain [1] done processing
01:36:20 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:36:20 - cmdstanpy - INFO - Chain [1] done processing
01:36:20 - cmdstanpy - INFO - Chain [1] start processing
01:36:20 - cmdstanpy - INFO - Chain [1] done processing
01:36:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:20 - cmdstanpy - INFO - Chain [1] start processing
01:36:20 - cmdstanpy - INFO - Chain [1] done processing
01:36:21 - cmdstanpy - INFO - Chain [1] start processing
01:36:21 - cmdstanpy - INFO - Chain [1] done processing
01:36:21 - cmdstanpy - INFO - Chain [1] start processing
01:36:21 - cmdstanpy - INFO - Chain [1] done processing
01:36:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:21 - cmdstanpy - INFO - Chain [1] start processing
01:36:21 - cmdstanpy - INFO - Chain [1] done processing
01:36:21 - cmdstanpy - INFO - Chain [1] start processing
01:36:22 - cmdstanpy - INFO - Chain [1] done processing
01:36:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:22 - cmdstanpy - INFO - Chain [1] start processing
01:36:22 - cmdstanpy - INFO - Chain [1] done processing
01:36:22 - cmdstanpy - INFO - Chain [1] start processing
01:36:22 - cmdstanpy - INFO - Chain [1] done processing
01:36:22 - cmdstanpy - INFO - Chain [1] start processing
01:36:22 - cmdstanpy - INFO - Chain [1] done processing
01:36:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:23 - cmdstanpy - INFO - Chain [1] start processing
01:36:23 - cmdstanpy - INFO - Chain [1] done processing
01:36:23 - cmdstanpy - INFO - Chain [1] start processing
01:36:23 - cmdstanpy - INFO - Chain [1] done processing
01:36:23 - cmdstanpy - INFO - Chain [1] start processing
01:36:23 - cmdstanpy - INFO - Chain [1] done processing
01:36:24 - cmdstanpy - INFO - Chain [1] start processing
01:36:24 - cmdstanpy - INFO - Chain [1] done processing
01:36:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:24 - cmdstanpy - INFO - Chain [1] start processing
01:36:24 - cmdstanpy - INFO - Chain [1] done processing
01:36:24 - cmdstanpy - INFO - Chain [1] start processing
01:36:24 - cmdstanpy - INFO - Chain [1] done processing
01:36:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:24 - cmdstanpy - INFO - Chain [1] start processing
01:36:25 - cmdstanpy - INFO - Chain [1] done processing
01:36:25 - cmdstanpy - INFO - Chain [1] start processing
01:36:25 - cmdstanpy - INFO - Chain [1] done processing
01:36:25 - cmdstanpy - INFO - Chain [1] start processing
01:36:25 - cmdstanpy - INFO - Chain [1] done processing
01:36:26 - cmdstanpy - INFO - Chain [1] start processing
01:36:26 - cmdstanpy - INFO - Chain [1] done processing
01:36:26 - cmdstanpy - INFO - Chain [1] start processing
01:36:26 - cmdstanpy - INFO - Chain [1] done processing
01:36:26 - cmdstanpy - INFO - Chain [1] start processing
01:36:26 - cmdstanpy - INFO - Chain [1] done processing
01:36:27 - cmdstanpy - INFO - Chain [1] start processing
01:36:27 - cmdstanpy - INFO - Chain [1] done processing
01:36:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:27 - cmdstanpy - INFO - Chain [1] start processing
01:36:27 - cmdstanpy - INFO - Chain [1] done processing
01:36:27 - cmdstanpy - INFO - Chain [1] start processing
01:36:27 - cmdstanpy - INFO - Chain [1] done processing
01:36:28 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:36:28 - cmdstanpy - INFO - Chain [1] done processing
01:36:28 - cmdstanpy - INFO - Chain [1] start processing
01:36:28 - cmdstanpy - INFO - Chain [1] done processing
01:36:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:28 - cmdstanpy - INFO - Chain [1] start processing
01:36:28 - cmdstanpy - INFO - Chain [1] done processing
01:36:29 - cmdstanpy - INFO - Chain [1] start processing
01:36:29 - cmdstanpy - INFO - Chain [1] done processing
01:36:29 - cmdstanpy - INFO - Chain [1] start processing
01:36:29 - cmdstanpy - INFO - Chain [1] done processing
01:36:29 - cmdstanpy - INFO - Chain [1] start processing
01:36:29 - cmdstanpy - INFO - Chain [1] done processing
01:36:30 - cmdstanpy - INFO - Chain [1] start processing
01:36:30 - cmdstanpy - INFO - Chain [1] done processing
01:36:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:30 - cmdstanpy - INFO - Chain [1] start processing
01:36:30 - cmdstanpy - INFO - Chain [1] done processing
01:36:31 - cmdstanpy - INFO - Chain [1] start processing
01:36:31 - cmdstanpy - INFO - Chain [1] done processing
01:36:31 - cmdstanpy - INFO - Chain [1] start processing
01:36:31 - cmdstanpy - INFO - Chain [1] done processing
01:36:31 - cmdstanpy - INFO - Chain [1] start processing
01:36:32 - cmdstanpy - INFO - Chain [1] done processing
01:36:32 - cmdstanpy - INFO - Chain [1] start processing
01:36:32 - cmdstanpy - INFO - Chain [1] done processing
01:36:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:32 - cmdstanpy - INFO - Chain [1] start processing
01:36:32 - cmdstanpy - INFO - Chain [1] done processing
01:36:32 - cmdstanpy - INFO - Chain [1] start processing
01:36:33 - cmdstanpy - INFO - Chain [1] done processing
01:36:33 - cmdstanpy - INFO - Chain [1] start processing
01:36:33 - cmdstanpy - INFO - Chain [1] done processing
01:36:33 - cmdstanpy - INFO - Chain [1] start processing
01:36:33 - cmdstanpy - INFO - Chain [1] done processing
01:36:34 - cmdstanpy - INFO - Chain [1] start processing
01:36:34 - cmdstanpy - INFO - Chain [1] done processing
01:36:34 - cmdstanpy - INFO - Chain [1] start processing
01:36:34 - cmdstanpy - INFO - Chain [1] done processing
01:36:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:34 - cmdstanpy - INFO - Chain [1] start processing
01:36:34 - cmdstanpy - INFO - Chain [1] done processing
01:36:34 - cmdstanpy - INFO - Chain [1] start processing
01:36:35 - cmdstanpy - INFO - Chain [1] done processing
01:36:35 - cmdstanpy - INFO - Chain [1] start processing
01:36:35 - cmdstanpy - INFO - Chain [1] done processing
01:36:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:35 - cmdstanpy - INFO - Chain [1] start processing
01:36:35 - cmdstanpy - INFO - Chain [1] done processing
01:36:35 - cmdstanpy - INFO - Chain [1] start processing
01:36:36 - cmdstanpy - INFO - Chain [1] done processing
01:36:36 - cmdstanpy - INFO - Chain [1] start processing
01:36:36 - cmdstanpy - INFO - Chain [1] done processing
01:36:36 - cmdstanpy - INFO - Chain [1] start processing
01:36:36 - cmdstanpy - INFO - Chain [1] done processing
01:36:37 - cmdstanpy - INFO - Chain [1] start processing
01:36:37 - cmdstanpy - INFO - Chain [1] done processing
01:36:37 - cmdstanpy - INFO - Chain [1] start processing
01:36:37 - cmdstanpy - INFO - Chain [1] done processing
01:36:37 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:36:37 - cmdstanpy - INFO - Chain [1] done processing
01:36:38 - cmdstanpy - INFO - Chain [1] start processing
01:36:38 - cmdstanpy - INFO - Chain [1] done processing
01:36:38 - cmdstanpy - INFO - Chain [1] start processing
01:36:38 - cmdstanpy - INFO - Chain [1] done processing
01:36:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:38 - cmdstanpy - INFO - Chain [1] start processing
01:36:38 - cmdstanpy - INFO - Chain [1] done processing
01:36:38 - cmdstanpy - INFO - Chain [1] start processing
01:36:39 - cmdstanpy - INFO - Chain [1] done processing
01:36:39 - cmdstanpy - INFO - Chain [1] start processing
01:36:39 - cmdstanpy - INFO - Chain [1] done processing
01:36:39 - cmdstanpy - INFO - Chain [1] start processing
01:36:39 - cmdstanpy - INFO - Chain [1] done processing
01:36:40 - cmdstanpy - INFO - Chain [1] start processing
01:36:40 - cmdstanpy - INFO - Chain [1] done processing
01:36:40 - cmdstanpy - INFO - Chain [1] start processing
01:36:40 - cmdstanpy - INFO - Chain [1] done processing
01:36:40 - cmdstanpy - INFO - Chain [1] start processing
01:36:40 - cmdstanpy - INFO - Chain [1] done processing
01:36:41 - cmdstanpy - INFO - Chain [1] start processing
01:36:41 - cmdstanpy - INFO - Chain [1] done processing
01:36:41 - cmdstanpy - INFO - Chain [1] start processing
01:36:41 - cmdstanpy - INFO - Chain [1] done processing
01:36:41 - cmdstanpy - INFO - Chain [1] start processing
01:36:41 - cmdstanpy - INFO - Chain [1] done processing
01:36:42 - cmdstanpy - INFO - Chain [1] start processing
01:36:42 - cmdstanpy - INFO - Chain [1] done processing
01:36:42 - cmdstanpy - INFO - Chain [1] start processing
01:36:42 - cmdstanpy - INFO - Chain [1] done processing
01:36:42 - cmdstanpy - INFO - Chain [1] start processing
01:36:42 - cmdstanpy - INFO - Chain [1] done processing
01:36:43 - cmdstanpy - INFO - Chain [1] start processing
01:36:43 - cmdstanpy - INFO - Chain [1] done processing
01:36:43 - cmdstanpy - INFO - Chain [1] start processing
01:36:43 - cmdstanpy - INFO - Chain [1] done processing
01:36:43 - cmdstanpy - INFO - Chain [1] start processing
01:36:44 - cmdstanpy - INFO - Chain [1] done processing
01:36:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:44 - cmdstanpy - INFO - Chain [1] start processing
01:36:44 - cmdstanpy - INFO - Chain [1] done processing
01:36:44 - cmdstanpy - INFO - Chain [1] start processing
01:36:44 - cmdstanpy - INFO - Chain [1] done processing
01:36:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:44 - cmdstanpy - INFO - Chain [1] start processing
01:36:45 - cmdstanpy - INFO - Chain [1] done processing
01:36:45 - cmdstanpy - INFO - Chain [1] start processing
01:36:45 - cmdstanpy - INFO - Chain [1] done processing
01:36:45 - cmdstanpy - INFO - Chain [1] start processing
01:36:45 - cmdstanpy - INFO - Chain [1] done processing
01:36:46 - cmdstanpy - INFO - Chain [1] start processing
01:36:46 - cmdstanpy - INFO - Chain [1] done processing
01:36:46 - cmdstanpy - INFO - Chain [1] start processing
01:36:46 - cmdstanpy - INFO - Chain [1] done processing
01:36:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:46 - cmdstanpy - INFO - Chain [1] start processing
01:36:46 - cmdstanpy - INFO - Chain [1] done processing
01:36:46 - cmdstanpy - INFO - Chain [1] start processing
01:36:47 - cmdstanpy - INFO - Chain [1] done processing
01:36:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:36:47 - cmdstanpy - INFO - Chain [1] done processing
01:36:47 - cmdstanpy - INFO - Chain [1] start processing
01:36:47 - cmdstanpy - INFO - Chain [1] done processing
01:36:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:47 - cmdstanpy - INFO - Chain [1] start processing
01:36:48 - cmdstanpy - INFO - Chain [1] done processing
01:36:48 - cmdstanpy - INFO - Chain [1] start processing
01:36:48 - cmdstanpy - INFO - Chain [1] done processing
01:36:48 - cmdstanpy - INFO - Chain [1] start processing
01:36:48 - cmdstanpy - INFO - Chain [1] done processing
01:36:49 - cmdstanpy - INFO - Chain [1] start processing
01:36:49 - cmdstanpy - INFO - Chain [1] done processing
01:36:49 - cmdstanpy - INFO - Chain [1] start processing
01:36:49 - cmdstanpy - INFO - Chain [1] done processing
01:36:49 - cmdstanpy - INFO - Chain [1] start processing
01:36:49 - cmdstanpy - INFO - Chain [1] done processing
01:36:50 - cmdstanpy - INFO - Chain [1] start processing
01:36:50 - cmdstanpy - INFO - Chain [1] done processing
01:36:50 - cmdstanpy - INFO - Chain [1] start processing
01:36:50 - cmdstanpy - INFO - Chain [1] done processing
01:36:50 - cmdstanpy - INFO - Chain [1] start processing
01:36:50 - cmdstanpy - INFO - Chain [1] done processing
01:36:51 - cmdstanpy - INFO - Chain [1] start processing
01:36:51 - cmdstanpy - INFO - Chain [1] done processing
01:36:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:51 - cmdstanpy - INFO - Chain [1] start processing
01:36:51 - cmdstanpy - INFO - Chain [1] done processing
01:36:51 - cmdstanpy - INFO - Chain [1] start processing
01:36:51 - cmdstanpy - INFO - Chain [1] done processing
01:36:52 - cmdstanpy - INFO - Chain [1] start processing
01:36:52 - cmdstanpy - INFO - Chain [1] done processing
01:36:52 - cmdstanpy - INFO - Chain [1] start processing
01:36:52 - cmdstanpy - INFO - Chain [1] done processing
01:36:52 - cmdstanpy - INFO - Chain [1] start processing
01:36:53 - cmdstanpy - INFO - Chain [1] done processing
01:36:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:53 - cmdstanpy - INFO - Chain [1] start processing
01:36:53 - cmdstanpy - INFO - Chain [1] done processing
01:36:53 - cmdstanpy - INFO - Chain [1] start processing
01:36:53 - cmdstanpy - INFO - Chain [1] done processing
01:36:53 - cmdstanpy - INFO - Chain [1] start processing
01:36:54 - cmdstanpy - INFO - Chain [1] done processing
01:36:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:54 - cmdstanpy - INFO - Chain [1] start processing
01:36:54 - cmdstanpy - INFO - Chain [1] done processing
01:36:54 - cmdstanpy - INFO - Chain [1] start processing
01:36:54 - cmdstanpy - INFO - Chain [1] done processing
01:36:54 - cmdstanpy - INFO - Chain [1] start processing
01:36:54 - cmdstanpy - INFO - Chain [1] done processing
01:36:55 - cmdstanpy - INFO - Chain [1] start processing
01:36:55 - cmdstanpy - INFO - Chain [1] done processing
01:36:55 - cmdstanpy - INFO - Chain [1] start processing
01:36:55 - cmdstanpy - INFO - Chain [1] done processing
01:36:55 - cmdstanpy - INFO - Chain [1] start processing
01:36:55 - cmdstanpy - INFO - Chain [1] done processing
01:36:56 - cmdstanpy - INFO - Chain [1] start processing
01:36:56 - cmdstanpy - INFO - Chain [1] done processing
01:36:56 - cmdstanpy - INFO - Chain [1] start processing
01:36:56 - cmdstanpy - INFO - Chain [1] done processing
01:36:56 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:36:57 - cmdstanpy - INFO - Chain [1] done processing
01:36:57 - cmdstanpy - INFO - Chain [1] start processing
01:36:57 - cmdstanpy - INFO - Chain [1] done processing
01:36:57 - cmdstanpy - INFO - Chain [1] start processing
01:36:57 - cmdstanpy - INFO - Chain [1] done processing
01:36:58 - cmdstanpy - INFO - Chain [1] start processing
01:36:58 - cmdstanpy - INFO - Chain [1] done processing
01:36:58 - cmdstanpy - INFO - Chain [1] start processing
01:36:58 - cmdstanpy - INFO - Chain [1] done processing
01:36:58 - cmdstanpy - INFO - Chain [1] start processing
01:36:58 - cmdstanpy - INFO - Chain [1] done processing
01:36:59 - cmdstanpy - INFO - Chain [1] start processing
01:36:59 - cmdstanpy - INFO - Chain [1] done processing
01:36:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:36:59 - cmdstanpy - INFO - Chain [1] start processing
01:36:59 - cmdstanpy - INFO - Chain [1] done processing
01:36:59 - cmdstanpy - INFO - Chain [1] start processing
01:36:59 - cmdstanpy - INFO - Chain [1] done processing
01:37:00 - cmdstanpy - INFO - Chain [1] start processing
01:37:00 - cmdstanpy - INFO - Chain [1] done processing
01:37:00 - cmdstanpy - INFO - Chain [1] start processing
01:37:00 - cmdstanpy - INFO - Chain [1] done processing
01:37:00 - cmdstanpy - INFO - Chain [1] start processing
01:37:00 - cmdstanpy - INFO - Chain [1] done processing
01:37:01 - cmdstanpy - INFO - Chain [1] start processing
01:37:01 - cmdstanpy - INFO - Chain [1] done processing
01:37:01 - cmdstanpy - INFO - Chain [1] start processing
01:37:01 - cmdstanpy - INFO - Chain [1] done processing
01:37:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:01 - cmdstanpy - INFO - Chain [1] start processing
01:37:01 - cmdstanpy - INFO - Chain [1] done processing
01:37:02 - cmdstanpy - INFO - Chain [1] start processing
01:37:02 - cmdstanpy - INFO - Chain [1] done processing
01:37:02 - cmdstanpy - INFO - Chain [1] start processing
01:37:02 - cmdstanpy - INFO - Chain [1] done processing
01:37:02 - cmdstanpy - INFO - Chain [1] start processing
01:37:03 - cmdstanpy - INFO - Chain [1] done processing
01:37:03 - cmdstanpy - INFO - Chain [1] start processing
01:37:03 - cmdstanpy - INFO - Chain [1] done processing
01:37:03 - cmdstanpy - INFO - Chain [1] start processing
01:37:03 - cmdstanpy - INFO - Chain [1] done processing
01:37:04 - cmdstanpy - INFO - Chain [1] start processing
01:37:04 - cmdstanpy - INFO - Chain [1] done processing
01:37:04 - cmdstanpy - INFO - Chain [1] start processing
01:37:04 - cmdstanpy - INFO - Chain [1] done processing
01:37:04 - cmdstanpy - INFO - Chain [1] start processing
01:37:04 - cmdstanpy - INFO - Chain [1] done processing
01:37:05 - cmdstanpy - INFO - Chain [1] start processing
01:37:05 - cmdstanpy - INFO - Chain [1] done processing
01:37:05 - cmdstanpy - INFO - Chain [1] start processing
01:37:05 - cmdstanpy - INFO - Chain [1] done processing
01:37:05 - cmdstanpy - INFO - Chain [1] start processing
01:37:05 - cmdstanpy - INFO - Chain [1] done processing
01:37:06 - cmdstanpy - INFO - Chain [1] start processing
01:37:06 - cmdstanpy - INFO - Chain [1] done processing
01:37:06 - cmdstanpy - INFO - Chain [1] start processing
01:37:06 - cmdstanpy - INFO - Chain [1] done processing
01:37:07 - cmdstanpy - INFO - Chain [1] start processing
01:37:07 - cmdstanpy - INFO - Chain [1] done processing
01:37:07 - cmdstanpy - INFO - Chain [1] start processing
01:37:07 - cmdstanpy - INFO - Chain [1] done processing
01:37:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:37:08 - cmdstanpy - INFO - Chain [1] done processing
01:37:08 - cmdstanpy - INFO - Chain [1] start processing
01:37:08 - cmdstanpy - INFO - Chain [1] done processing
01:37:08 - cmdstanpy - INFO - Chain [1] start processing
01:37:08 - cmdstanpy - INFO - Chain [1] done processing
01:37:09 - cmdstanpy - INFO - Chain [1] start processing
01:37:09 - cmdstanpy - INFO - Chain [1] done processing
01:37:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:09 - cmdstanpy - INFO - Chain [1] start processing
01:37:09 - cmdstanpy - INFO - Chain [1] done processing
01:37:10 - cmdstanpy - INFO - Chain [1] start processing
01:37:10 - cmdstanpy - INFO - Chain [1] done processing
01:37:10 - cmdstanpy - INFO - Chain [1] start processing
01:37:10 - cmdstanpy - INFO - Chain [1] done processing
01:37:10 - cmdstanpy - INFO - Chain [1] start processing
01:37:10 - cmdstanpy - INFO - Chain [1] done processing
01:37:11 - cmdstanpy - INFO - Chain [1] start processing
01:37:11 - cmdstanpy - INFO - Chain [1] done processing
01:37:11 - cmdstanpy - INFO - Chain [1] start processing
01:37:11 - cmdstanpy - INFO - Chain [1] done processing
01:37:11 - cmdstanpy - INFO - Chain [1] start processing
01:37:11 - cmdstanpy - INFO - Chain [1] done processing
01:37:12 - cmdstanpy - INFO - Chain [1] start processing
01:37:12 - cmdstanpy - INFO - Chain [1] done processing
01:37:12 - cmdstanpy - INFO - Chain [1] start processing
01:37:12 - cmdstanpy - INFO - Chain [1] done processing
01:37:12 - cmdstanpy - INFO - Chain [1] start processing
01:37:13 - cmdstanpy - INFO - Chain [1] done processing
01:37:13 - cmdstanpy - INFO - Chain [1] start processing
01:37:13 - cmdstanpy - INFO - Chain [1] done processing
01:37:13 - cmdstanpy - INFO - Chain [1] start processing
01:37:13 - cmdstanpy - INFO - Chain [1] done processing
01:37:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:13 - cmdstanpy - INFO - Chain [1] start processing
01:37:14 - cmdstanpy - INFO - Chain [1] done processing
01:37:14 - cmdstanpy - INFO - Chain [1] start processing
01:37:14 - cmdstanpy - INFO - Chain [1] done processing
01:37:14 - cmdstanpy - INFO - Chain [1] start processing
01:37:14 - cmdstanpy - INFO - Chain [1] done processing
01:37:15 - cmdstanpy - INFO - Chain [1] start processing
01:37:15 - cmdstanpy - INFO - Chain [1] done processing
01:37:15 - cmdstanpy - INFO - Chain [1] start processing
01:37:15 - cmdstanpy - INFO - Chain [1] done processing
01:37:15 - cmdstanpy - INFO - Chain [1] start processing
01:37:15 - cmdstanpy - INFO - Chain [1] done processing
01:37:16 - cmdstanpy - INFO - Chain [1] start processing
01:37:16 - cmdstanpy - INFO - Chain [1] done processing
01:37:16 - cmdstanpy - INFO - Chain [1] start processing
01:37:16 - cmdstanpy - INFO - Chain [1] done processing
01:37:16 - cmdstanpy - INFO - Chain [1] start processing
01:37:16 - cmdstanpy - INFO - Chain [1] done processing
01:37:17 - cmdstanpy - INFO - Chain [1] start processing
01:37:17 - cmdstanpy - INFO - Chain [1] done processing
01:37:17 - cmdstanpy - INFO - Chain [1] start processing
01:37:17 - cmdstanpy - INFO - Chain [1] done processing
01:37:17 - cmdstanpy - INFO - Chain [1] start processing
01:37:17 - cmdstanpy - INFO - Chain [1] done processing
01:37:18 - cmdstanpy - INFO - Chain [1] start processing
01:37:18 - cmdstanpy - INFO - Chain [1] done processing
01:37:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:37:18 - cmdstanpy - INFO - Chain [1] done processing
01:37:19 - cmdstanpy - INFO - Chain [1] start processing
01:37:19 - cmdstanpy - INFO - Chain [1] done processing
01:37:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:19 - cmdstanpy - INFO - Chain [1] start processing
01:37:19 - cmdstanpy - INFO - Chain [1] done processing
01:37:19 - cmdstanpy - INFO - Chain [1] start processing
01:37:19 - cmdstanpy - INFO - Chain [1] done processing
01:37:20 - cmdstanpy - INFO - Chain [1] start processing
01:37:20 - cmdstanpy - INFO - Chain [1] done processing
01:37:20 - cmdstanpy - INFO - Chain [1] start processing
01:37:20 - cmdstanpy - INFO - Chain [1] done processing
01:37:20 - cmdstanpy - INFO - Chain [1] start processing
01:37:20 - cmdstanpy - INFO - Chain [1] done processing
01:37:21 - cmdstanpy - INFO - Chain [1] start processing
01:37:21 - cmdstanpy - INFO - Chain [1] done processing
01:37:21 - cmdstanpy - INFO - Chain [1] start processing
01:37:21 - cmdstanpy - INFO - Chain [1] done processing
01:37:21 - cmdstanpy - INFO - Chain [1] start processing
01:37:22 - cmdstanpy - INFO - Chain [1] done processing
01:37:22 - cmdstanpy - INFO - Chain [1] start processing
01:37:22 - cmdstanpy - INFO - Chain [1] done processing
01:37:22 - cmdstanpy - INFO - Chain [1] start processing
01:37:22 - cmdstanpy - INFO - Chain [1] done processing
01:37:23 - cmdstanpy - INFO - Chain [1] start processing
01:37:23 - cmdstanpy - INFO - Chain [1] done processing
01:37:23 - cmdstanpy - INFO - Chain [1] start processing
01:37:23 - cmdstanpy - INFO - Chain [1] done processing
01:37:24 - cmdstanpy - INFO - Chain [1] start processing
01:37:24 - cmdstanpy - INFO - Chain [1] done processing
01:37:24 - cmdstanpy - INFO - Chain [1] start processing
01:37:25 - cmdstanpy - INFO - Chain [1] done processing
01:37:27 - cmdstanpy - INFO - Chain [1] start processing
01:37:27 - cmdstanpy - INFO - Chain [1] done processing
01:37:27 - cmdstanpy - INFO - Chain [1] start processing
01:37:27 - cmdstanpy - INFO - Chain [1] done processing
01:37:27 - cmdstanpy - INFO - Chain [1] start processing
01:37:28 - cmdstanpy - INFO - Chain [1] done processing
01:37:28 - cmdstanpy - INFO - Chain [1] start processing
01:37:28 - cmdstanpy - INFO - Chain [1] done processing
01:37:30 - cmdstanpy - INFO - Chain [1] start processing
01:37:30 - cmdstanpy - INFO - Chain [1] done processing
01:37:31 - cmdstanpy - INFO - Chain [1] start processing
01:37:31 - cmdstanpy - INFO - Chain [1] done processing
01:37:32 - cmdstanpy - INFO - Chain [1] start processing
01:37:32 - cmdstanpy - INFO - Chain [1] done processing
01:37:32 - cmdstanpy - INFO - Chain [1] start processing
01:37:32 - cmdstanpy - INFO - Chain [1] done processing
01:37:32 - cmdstanpy - INFO - Chain [1] start processing
01:37:32 - cmdstanpy - INFO - Chain [1] done processing
01:37:33 - cmdstanpy - INFO - Chain [1] start processing
01:37:33 - cmdstanpy - INFO - Chain [1] done processing
01:37:34 - cmdstanpy - INFO - Chain [1] start processing
01:37:34 - cmdstanpy - INFO - Chain [1] done processing
01:37:35 - cmdstanpy - INFO - Chain [1] start processing
01:37:35 - cmdstanpy - INFO - Chain [1] done processing
01:37:35 - cmdstanpy - INFO - Chain [1] start processing
```

01:37:35 - cmdstanpy - INFO - Chain [1] done processing 01:37:36 - cmdstanpy - INFO - Chain [1] start processing 01:37:36 - cmdstanpy - INFO - Chain [1] done processing 01:37:36 - cmdstanpy - INFO - Chain [1] start processing 01:37:36 - cmdstanpy - INFO - Chain [1] done processing 01:37:37 - cmdstanpy - INFO - Chain [1] start processing

```
01:37:37 - cmdstanpy - INFO - Chain [1] done processing
01:37:37 - cmdstanpy - INFO - Chain [1] start processing
01:37:37 - cmdstanpy - INFO - Chain [1] done processing
01:37:38 - cmdstanpy - INFO - Chain [1] start processing
01:37:38 - cmdstanpy - INFO - Chain [1] done processing
01:37:38 - cmdstanpy - INFO - Chain [1] start processing
01:37:38 - cmdstanpy - INFO - Chain [1] done processing
01:37:39 - cmdstanpy - INFO - Chain [1] start processing
01:37:39 - cmdstanpy - INFO - Chain [1] done processing
01:37:39 - cmdstanpy - INFO - Chain [1] start processing
01:37:39 - cmdstanpy - INFO - Chain [1] done processing
01:37:40 - cmdstanpy - INFO - Chain [1] start processing
01:37:40 - cmdstanpy - INFO - Chain [1] done processing
01:37:40 - cmdstanpy - INFO - Chain [1] start processing
01:37:40 - cmdstanpy - INFO - Chain [1] done processing
01:37:41 - cmdstanpy - INFO - Chain [1] start processing
01:37:41 - cmdstanpy - INFO - Chain [1] done processing
01:37:41 - cmdstanpy - INFO - Chain [1] start processing
01:37:41 - cmdstanpy - INFO - Chain [1] done processing
01:37:42 - cmdstanpy - INFO - Chain [1] start processing
01:37:42 - cmdstanpy - INFO - Chain [1] done processing
01:37:43 - cmdstanpy - INFO - Chain [1] start processing
01:37:43 - cmdstanpy - INFO - Chain [1] done processing
01:37:43 - cmdstanpy - INFO - Chain [1] start processing
01:37:43 - cmdstanpy - INFO - Chain [1] done processing
01:37:44 - cmdstanpy - INFO - Chain [1] start processing
01:37:44 - cmdstanpy - INFO - Chain [1] done processing
01:37:44 - cmdstanpy - INFO - Chain [1] start processing
01:37:44 - cmdstanpy - INFO - Chain [1] done processing
01:37:45 - cmdstanpy - INFO - Chain [1] start processing
01:37:45 - cmdstanpy - INFO - Chain [1] done processing
01:37:46 - cmdstanpy - INFO - Chain [1] start processing
01:37:46 - cmdstanpy - INFO - Chain [1] done processing
01:37:46 - cmdstanpy - INFO - Chain [1] start processing
01:37:46 - cmdstanpy - INFO - Chain [1] done processing
01:37:46 - cmdstanpy - INFO - Chain [1] start processing
01:37:47 - cmdstanpy - INFO - Chain [1] done processing
01:37:48 - cmdstanpy - INFO - Chain [1] start processing
01:37:48 - cmdstanpy - INFO - Chain [1] done processing
01:37:48 - cmdstanpy - INFO - Chain [1] start processing
01:37:48 - cmdstanpy - INFO - Chain [1] done processing
01:37:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:49 - cmdstanpy - INFO - Chain [1] start processing
01:37:49 - cmdstanpy - INFO - Chain [1] done processing
01:37:49 - cmdstanpy - INFO - Chain [1] start processing
01:37:49 - cmdstanpy - INFO - Chain [1] done processing
01:37:50 - cmdstanpy - INFO - Chain [1] start processing
01:37:50 - cmdstanpy - INFO - Chain [1] done processing
01:37:50 - cmdstanpy - INFO - Chain [1] start processing
01:37:50 - cmdstanpy - INFO - Chain [1] done processing
01:37:50 - cmdstanpy - INFO - Chain [1] start processing
01:37:51 - cmdstanpy - INFO - Chain [1] done processing
01:37:51 - cmdstanpy - INFO - Chain [1] start processing
01:37:51 - cmdstanpy - INFO - Chain [1] done processing
01:37:51 - cmdstanpy - INFO - Chain [1] start processing
01:37:51 - cmdstanpy - INFO - Chain [1] done processing
01:37:52 - cmdstanpy - INFO - Chain [1] start processing
01:37:52 - cmdstanpy - INFO - Chain [1] done processing
01:37:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:52 - cmdstanpy - INFO - Chain [1] start processing
01:37:52 - cmdstanpy - INFO - Chain [1] done processing
01:37:52 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:37:52 - cmdstanpy - INFO - Chain [1] done processing
01:37:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:52 - cmdstanpy - INFO - Chain [1] start processing
01:37:53 - cmdstanpy - INFO - Chain [1] done processing
01:37:53 - cmdstanpy - INFO - Chain [1] start processing
01:37:53 - cmdstanpy - INFO - Chain [1] done processing
01:37:53 - cmdstanpy - INFO - Chain [1] start processing
01:37:53 - cmdstanpy - INFO - Chain [1] done processing
01:37:54 - cmdstanpy - INFO - Chain [1] start processing
01:37:54 - cmdstanpy - INFO - Chain [1] done processing
01:37:54 - cmdstanpy - INFO - Chain [1] start processing
01:37:54 - cmdstanpy - INFO - Chain [1] done processing
01:37:54 - cmdstanpy - INFO - Chain [1] start processing
01:37:54 - cmdstanpy - INFO - Chain [1] done processing
01:37:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:54 - cmdstanpy - INFO - Chain [1] start processing
01:37:55 - cmdstanpy - INFO - Chain [1] done processing
01:37:55 - cmdstanpy - INFO - Chain [1] start processing
01:37:55 - cmdstanpy - INFO - Chain [1] done processing
01:37:55 - cmdstanpy - INFO - Chain [1] start processing
01:37:55 - cmdstanpy - INFO - Chain [1] done processing
01:37:56 - cmdstanpy - INFO - Chain [1] start processing
01:37:56 - cmdstanpy - INFO - Chain [1] done processing
01:37:56 - cmdstanpy - INFO - Chain [1] start processing
01:37:56 - cmdstanpy - INFO - Chain [1] done processing
01:37:56 - cmdstanpy - INFO - Chain [1] start processing
01:37:56 - cmdstanpy - INFO - Chain [1] done processing
01:37:57 - cmdstanpy - INFO - Chain [1] start processing
01:37:57 - cmdstanpy - INFO - Chain [1] done processing
01:37:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:57 - cmdstanpy - INFO - Chain [1] start processing
01:37:57 - cmdstanpy - INFO - Chain [1] done processing
01:37:57 - cmdstanpy - INFO - Chain [1] start processing
01:37:57 - cmdstanpy - INFO - Chain [1] done processing
01:37:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:57 - cmdstanpy - INFO - Chain [1] start processing
01:37:58 - cmdstanpy - INFO - Chain [1] done processing
01:37:58 - cmdstanpy - INFO - Chain [1] start processing
01:37:58 - cmdstanpy - INFO - Chain [1] done processing
01:37:58 - cmdstanpy - INFO - Chain [1] start processing
01:37:58 - cmdstanpy - INFO - Chain [1] done processing
01:37:59 - cmdstanpy - INFO - Chain [1] start processing
01:37:59 - cmdstanpy - INFO - Chain [1] done processing
01:37:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:59 - cmdstanpy - INFO - Chain [1] start processing
01:37:59 - cmdstanpy - INFO - Chain [1] done processing
01:37:59 - cmdstanpy - INFO - Chain [1] start processing
01:37:59 - cmdstanpy - INFO - Chain [1] done processing
01:37:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:37:59 - cmdstanpy - INFO - Chain [1] start processing
01:38:00 - cmdstanpy - INFO - Chain [1] done processing
01:38:00 - cmdstanpy - INFO - Chain [1] start processing
01:38:00 - cmdstanpy - INFO - Chain [1] done processing
01:38:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:00 - cmdstanpy - INFO - Chain [1] start processing
01:38:00 - cmdstanpy - INFO - Chain [1] done processing
01:38:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:38:01 - cmdstanpy - INFO - Chain [1] done processing
01:38:01 - cmdstanpy - INFO - Chain [1] start processing
01:38:01 - cmdstanpy - INFO - Chain [1] done processing
01:38:01 - cmdstanpy - INFO - Chain [1] start processing
01:38:01 - cmdstanpy - INFO - Chain [1] done processing
01:38:02 - cmdstanpy - INFO - Chain [1] start processing
01:38:02 - cmdstanpy - INFO - Chain [1] done processing
01:38:02 - cmdstanpy - INFO - Chain [1] start processing
01:38:02 - cmdstanpy - INFO - Chain [1] done processing
01:38:03 - cmdstanpy - INFO - Chain [1] start processing
01:38:03 - cmdstanpy - INFO - Chain [1] done processing
01:38:03 - cmdstanpy - INFO - Chain [1] start processing
01:38:03 - cmdstanpy - INFO - Chain [1] done processing
01:38:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:03 - cmdstanpy - INFO - Chain [1] start processing
01:38:03 - cmdstanpy - INFO - Chain [1] done processing
01:38:04 - cmdstanpy - INFO - Chain [1] start processing
01:38:04 - cmdstanpy - INFO - Chain [1] done processing
01:38:04 - cmdstanpy - INFO - Chain [1] start processing
01:38:04 - cmdstanpy - INFO - Chain [1] done processing
01:38:04 - cmdstanpy - INFO - Chain [1] start processing
01:38:04 - cmdstanpy - INFO - Chain [1] done processing
01:38:05 - cmdstanpy - INFO - Chain [1] start processing
01:38:05 - cmdstanpy - INFO - Chain [1] done processing
01:38:05 - cmdstanpy - INFO - Chain [1] start processing
01:38:05 - cmdstanpy - INFO - Chain [1] done processing
01:38:06 - cmdstanpy - INFO - Chain [1] start processing
01:38:06 - cmdstanpy - INFO - Chain [1] done processing
01:38:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:06 - cmdstanpy - INFO - Chain [1] start processing
01:38:06 - cmdstanpy - INFO - Chain [1] done processing
01:38:06 - cmdstanpy - INFO - Chain [1] start processing
01:38:06 - cmdstanpy - INFO - Chain [1] done processing
01:38:07 - cmdstanpy - INFO - Chain [1] start processing
01:38:07 - cmdstanpy - INFO - Chain [1] done processing
01:38:07 - cmdstanpy - INFO - Chain [1] start processing
01:38:07 - cmdstanpy - INFO - Chain [1] done processing
01:38:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:07 - cmdstanpy - INFO - Chain [1] start processing
01:38:08 - cmdstanpy - INFO - Chain [1] done processing
01:38:08 - cmdstanpy - INFO - Chain [1] start processing
01:38:08 - cmdstanpy - INFO - Chain [1] done processing
01:38:08 - cmdstanpy - INFO - Chain [1] start processing
01:38:08 - cmdstanpy - INFO - Chain [1] done processing
01:38:09 - cmdstanpy - INFO - Chain [1] start processing
01:38:09 - cmdstanpy - INFO - Chain [1] done processing
01:38:09 - cmdstanpy - INFO - Chain [1] start processing
01:38:09 - cmdstanpy - INFO - Chain [1] done processing
01:38:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:09 - cmdstanpy - INFO - Chain [1] start processing
01:38:09 - cmdstanpy - INFO - Chain [1] done processing
01:38:10 - cmdstanpy - INFO - Chain [1] start processing
01:38:10 - cmdstanpy - INFO - Chain [1] done processing
01:38:10 - cmdstanpy - INFO - Chain [1] start processing
01:38:10 - cmdstanpy - INFO - Chain [1] done processing
01:38:10 - cmdstanpy - INFO - Chain [1] start processing
01:38:10 - cmdstanpy - INFO - Chain [1] done processing
01:38:11 - cmdstanpy - INFO - Chain [1] start processing
01:38:11 - cmdstanpy - INFO - Chain [1] done processing
01:38:11 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:38:11 - cmdstanpy - INFO - Chain [1] done processing
01:38:11 - cmdstanpy - INFO - Chain [1] start processing
01:38:12 - cmdstanpy - INFO - Chain [1] done processing
01:38:12 - cmdstanpy - INFO - Chain [1] start processing
01:38:12 - cmdstanpy - INFO - Chain [1] done processing
01:38:12 - cmdstanpy - INFO - Chain [1] start processing
01:38:12 - cmdstanpy - INFO - Chain [1] done processing
01:38:13 - cmdstanpy - INFO - Chain [1] start processing
01:38:13 - cmdstanpy - INFO - Chain [1] done processing
01:38:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:13 - cmdstanpy - INFO - Chain [1] start processing
01:38:13 - cmdstanpy - INFO - Chain [1] done processing
01:38:13 - cmdstanpy - INFO - Chain [1] start processing
01:38:13 - cmdstanpy - INFO - Chain [1] done processing
01:38:14 - cmdstanpy - INFO - Chain [1] start processing
01:38:14 - cmdstanpy - INFO - Chain [1] done processing
01:38:14 - cmdstanpy - INFO - Chain [1] start processing
01:38:14 - cmdstanpy - INFO - Chain [1] done processing
01:38:14 - cmdstanpy - INFO - Chain [1] start processing
01:38:15 - cmdstanpy - INFO - Chain [1] done processing
01:38:15 - cmdstanpy - INFO - Chain [1] start processing
01:38:15 - cmdstanpy - INFO - Chain [1] done processing
01:38:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:15 - cmdstanpy - INFO - Chain [1] start processing
01:38:15 - cmdstanpy - INFO - Chain [1] done processing
01:38:15 - cmdstanpy - INFO - Chain [1] start processing
01:38:16 - cmdstanpy - INFO - Chain [1] done processing
01:38:16 - cmdstanpy - INFO - Chain [1] start processing
01:38:16 - cmdstanpy - INFO - Chain [1] done processing
01:38:16 - cmdstanpy - INFO - Chain [1] start processing
01:38:16 - cmdstanpy - INFO - Chain [1] done processing
01:38:17 - cmdstanpy - INFO - Chain [1] start processing
01:38:17 - cmdstanpy - INFO - Chain [1] done processing
01:38:17 - cmdstanpy - INFO - Chain [1] start processing
01:38:17 - cmdstanpy - INFO - Chain [1] done processing
01:38:17 - cmdstanpy - INFO - Chain [1] start processing
01:38:17 - cmdstanpy - INFO - Chain [1] done processing
01:38:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:17 - cmdstanpy - INFO - Chain [1] start processing
01:38:18 - cmdstanpy - INFO - Chain [1] done processing
01:38:18 - cmdstanpy - INFO - Chain [1] start processing
01:38:18 - cmdstanpy - INFO - Chain [1] done processing
01:38:18 - cmdstanpy - INFO - Chain [1] start processing
01:38:18 - cmdstanpy - INFO - Chain [1] done processing
01:38:19 - cmdstanpy - INFO - Chain [1] start processing
01:38:19 - cmdstanpy - INFO - Chain [1] done processing
01:38:19 - cmdstanpy - INFO - Chain [1] start processing
01:38:19 - cmdstanpy - INFO - Chain [1] done processing
01:38:19 - cmdstanpy - INFO - Chain [1] start processing
01:38:19 - cmdstanpy - INFO - Chain [1] done processing
01:38:20 - cmdstanpy - INFO - Chain [1] start processing
01:38:20 - cmdstanpy - INFO - Chain [1] done processing
01:38:20 - cmdstanpy - INFO - Chain [1] start processing
01:38:20 - cmdstanpy - INFO - Chain [1] done processing
01:38:21 - cmdstanpy - INFO - Chain [1] start processing
01:38:21 - cmdstanpy - INFO - Chain [1] done processing
01:38:21 - cmdstanpy - INFO - Chain [1] start processing
01:38:21 - cmdstanpy - INFO - Chain [1] done processing
01:38:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:21 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:38:21 - cmdstanpy - INFO - Chain [1] done processing
01:38:21 - cmdstanpy - INFO - Chain [1] start processing
01:38:22 - cmdstanpy - INFO - Chain [1] done processing
01:38:22 - cmdstanpy - INFO - Chain [1] start processing
01:38:22 - cmdstanpy - INFO - Chain [1] done processing
01:38:22 - cmdstanpy - INFO - Chain [1] start processing
01:38:22 - cmdstanpy - INFO - Chain [1] done processing
01:38:23 - cmdstanpy - INFO - Chain [1] start processing
01:38:23 - cmdstanpy - INFO - Chain [1] done processing
01:38:23 - cmdstanpy - INFO - Chain [1] start processing
01:38:23 - cmdstanpy - INFO - Chain [1] done processing
01:38:23 - cmdstanpy - INFO - Chain [1] start processing
01:38:23 - cmdstanpy - INFO - Chain [1] done processing
01:38:24 - cmdstanpy - INFO - Chain [1] start processing
01:38:24 - cmdstanpy - INFO - Chain [1] done processing
01:38:24 - cmdstanpy - INFO - Chain [1] start processing
01:38:24 - cmdstanpy - INFO - Chain [1] done processing
01:38:24 - cmdstanpy - INFO - Chain [1] start processing
01:38:24 - cmdstanpy - INFO - Chain [1] done processing
01:38:25 - cmdstanpy - INFO - Chain [1] start processing
01:38:25 - cmdstanpy - INFO - Chain [1] done processing
01:38:25 - cmdstanpy - INFO - Chain [1] start processing
01:38:25 - cmdstanpy - INFO - Chain [1] done processing
01:38:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:25 - cmdstanpy - INFO - Chain [1] start processing
01:38:25 - cmdstanpy - INFO - Chain [1] done processing
01:38:26 - cmdstanpy - INFO - Chain [1] start processing
01:38:26 - cmdstanpy - INFO - Chain [1] done processing
01:38:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:26 - cmdstanpy - INFO - Chain [1] start processing
01:38:26 - cmdstanpy - INFO - Chain [1] done processing
01:38:26 - cmdstanpy - INFO - Chain [1] start processing
01:38:26 - cmdstanpy - INFO - Chain [1] done processing
01:38:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:26 - cmdstanpy - INFO - Chain [1] start processing
01:38:27 - cmdstanpy - INFO - Chain [1] done processing
01:38:27 - cmdstanpy - INFO - Chain [1] start processing
01:38:27 - cmdstanpy - INFO - Chain [1] done processing
01:38:27 - cmdstanpy - INFO - Chain [1] start processing
01:38:27 - cmdstanpy - INFO - Chain [1] done processing
01:38:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:27 - cmdstanpy - INFO - Chain [1] start processing
01:38:27 - cmdstanpy - INFO - Chain [1] done processing
01:38:28 - cmdstanpy - INFO - Chain [1] start processing
01:38:28 - cmdstanpy - INFO - Chain [1] done processing
01:38:28 - cmdstanpy - INFO - Chain [1] start processing
01:38:28 - cmdstanpy - INFO - Chain [1] done processing
01:38:28 - cmdstanpy - INFO - Chain [1] start processing
01:38:28 - cmdstanpy - INFO - Chain [1] done processing
01:38:29 - cmdstanpy - INFO - Chain [1] start processing
01:38:29 - cmdstanpy - INFO - Chain [1] done processing
01:38:29 - cmdstanpy - INFO - Chain [1] start processing
01:38:29 - cmdstanpy - INFO - Chain [1] done processing
01:38:29 - cmdstanpy - INFO - Chain [1] start processing
01:38:30 - cmdstanpy - INFO - Chain [1] done processing
01:38:30 - cmdstanpy - INFO - Chain [1] start processing
01:38:30 - cmdstanpy - INFO - Chain [1] done processing
01:38:30 - cmdstanpy - INFO - Chain [1] start processing
01:38:30 - cmdstanpy - INFO - Chain [1] done processing
01:38:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:38:31 - cmdstanpy - INFO - Chain [1] done processing
01:38:31 - cmdstanpy - INFO - Chain [1] start processing
01:38:31 - cmdstanpy - INFO - Chain [1] done processing
01:38:31 - cmdstanpy - INFO - Chain [1] start processing
01:38:31 - cmdstanpy - INFO - Chain [1] done processing
01:38:32 - cmdstanpy - INFO - Chain [1] start processing
01:38:32 - cmdstanpy - INFO - Chain [1] done processing
01:38:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:32 - cmdstanpy - INFO - Chain [1] start processing
01:38:32 - cmdstanpy - INFO - Chain [1] done processing
01:38:32 - cmdstanpy - INFO - Chain [1] start processing
01:38:32 - cmdstanpy - INFO - Chain [1] done processing
01:38:33 - cmdstanpy - INFO - Chain [1] start processing
01:38:33 - cmdstanpy - INFO - Chain [1] done processing
01:38:33 - cmdstanpy - INFO - Chain [1] start processing
01:38:33 - cmdstanpy - INFO - Chain [1] done processing
01:38:33 - cmdstanpy - INFO - Chain [1] start processing
01:38:33 - cmdstanpy - INFO - Chain [1] done processing
01:38:34 - cmdstanpy - INFO - Chain [1] start processing
01:38:34 - cmdstanpy - INFO - Chain [1] done processing
01:38:34 - cmdstanpy - INFO - Chain [1] start processing
01:38:34 - cmdstanpy - INFO - Chain [1] done processing
01:38:34 - cmdstanpy - INFO - Chain [1] start processing
01:38:35 - cmdstanpy - INFO - Chain [1] done processing
01:38:35 - cmdstanpy - INFO - Chain [1] start processing
01:38:35 - cmdstanpy - INFO - Chain [1] done processing
01:38:35 - cmdstanpy - INFO - Chain [1] start processing
01:38:35 - cmdstanpy - INFO - Chain [1] done processing
01:38:36 - cmdstanpy - INFO - Chain [1] start processing
01:38:36 - cmdstanpy - INFO - Chain [1] done processing
01:38:36 - cmdstanpy - INFO - Chain [1] start processing
01:38:36 - cmdstanpy - INFO - Chain [1] done processing
01:38:36 - cmdstanpy - INFO - Chain [1] start processing
01:38:36 - cmdstanpy - INFO - Chain [1] done processing
01:38:37 - cmdstanpy - INFO - Chain [1] start processing
01:38:37 - cmdstanpy - INFO - Chain [1] done processing
01:38:37 - cmdstanpy - INFO - Chain [1] start processing
01:38:37 - cmdstanpy - INFO - Chain [1] done processing
01:38:37 - cmdstanpy - INFO - Chain [1] start processing
01:38:38 - cmdstanpy - INFO - Chain [1] done processing
01:38:38 - cmdstanpy - INFO - Chain [1] start processing
01:38:38 - cmdstanpy - INFO - Chain [1] done processing
01:38:38 - cmdstanpy - INFO - Chain [1] start processing
01:38:38 - cmdstanpy - INFO - Chain [1] done processing
01:38:39 - cmdstanpy - INFO - Chain [1] start processing
01:38:39 - cmdstanpy - INFO - Chain [1] done processing
01:38:39 - cmdstanpy - INFO - Chain [1] start processing
01:38:39 - cmdstanpy - INFO - Chain [1] done processing
01:38:39 - cmdstanpy - INFO - Chain [1] start processing
01:38:39 - cmdstanpy - INFO - Chain [1] done processing
01:38:40 - cmdstanpy - INFO - Chain [1] start processing
01:38:40 - cmdstanpy - INFO - Chain [1] done processing
01:38:40 - cmdstanpy - INFO - Chain [1] start processing
01:38:40 - cmdstanpy - INFO - Chain [1] done processing
01:38:40 - cmdstanpy - INFO - Chain [1] start processing
01:38:41 - cmdstanpy - INFO - Chain [1] done processing
01:38:41 - cmdstanpy - INFO - Chain [1] start processing
01:38:41 - cmdstanpy - INFO - Chain [1] done processing
01:38:41 - cmdstanpy - INFO - Chain [1] start processing
01:38:41 - cmdstanpy - INFO - Chain [1] done processing
01:38:42 - cmdstanpy - INFO - Chain [1] start processing
01:38:42 - cmdstanpy - INFO - Chain [1] done processing
```

01:38:42 - cmdstanpy - INFO - Chain [1] start processing

```
01:38:42 - cmdstanpy - INFO - Chain [1] done processing
01:38:42 - cmdstanpy - INFO - Chain [1] start processing
01:38:42 - cmdstanpy - INFO - Chain [1] done processing
01:38:43 - cmdstanpy - INFO - Chain [1] start processing
01:38:43 - cmdstanpy - INFO - Chain [1] done processing
01:38:43 - cmdstanpy - INFO - Chain [1] start processing
01:38:43 - cmdstanpy - INFO - Chain [1] done processing
01:38:43 - cmdstanpy - INFO - Chain [1] start processing
01:38:43 - cmdstanpy - INFO - Chain [1] done processing
01:38:44 - cmdstanpy - INFO - Chain [1] start processing
01:38:44 - cmdstanpy - INFO - Chain [1] done processing
01:38:44 - cmdstanpy - INFO - Chain [1] start processing
01:38:44 - cmdstanpy - INFO - Chain [1] done processing
01:38:44 - cmdstanpy - INFO - Chain [1] start processing
01:38:44 - cmdstanpy - INFO - Chain [1] done processing
01:38:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:44 - cmdstanpy - INFO - Chain [1] start processing
01:38:45 - cmdstanpy - INFO - Chain [1] done processing
01:38:46 - cmdstanpy - INFO - Chain [1] start processing
01:38:46 - cmdstanpy - INFO - Chain [1] done processing
01:38:46 - cmdstanpy - INFO - Chain [1] start processing
01:38:46 - cmdstanpy - INFO - Chain [1] done processing
01:38:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:46 - cmdstanpy - INFO - Chain [1] start processing
01:38:46 - cmdstanpy - INFO - Chain [1] done processing
01:38:47 - cmdstanpy - INFO - Chain [1] start processing
01:38:47 - cmdstanpy - INFO - Chain [1] done processing
01:38:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:47 - cmdstanpy - INFO - Chain [1] start processing
01:38:47 - cmdstanpy - INFO - Chain [1] done processing
01:38:47 - cmdstanpy - INFO - Chain [1] start processing
01:38:47 - cmdstanpy - INFO - Chain [1] done processing
01:38:48 - cmdstanpy - INFO - Chain [1] start processing
01:38:48 - cmdstanpy - INFO - Chain [1] done processing
01:38:48 - cmdstanpy - INFO - Chain [1] start processing
01:38:48 - cmdstanpy - INFO - Chain [1] done processing
01:38:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:48 - cmdstanpy - INFO - Chain [1] start processing
01:38:48 - cmdstanpy - INFO - Chain [1] done processing
01:38:49 - cmdstanpy - INFO - Chain [1] start processing
01:38:49 - cmdstanpy - INFO - Chain [1] done processing
01:38:49 - cmdstanpy - INFO - Chain [1] start processing
01:38:49 - cmdstanpy - INFO - Chain [1] done processing
01:38:49 - cmdstanpy - INFO - Chain [1] start processing
01:38:49 - cmdstanpy - INFO - Chain [1] done processing
01:38:50 - cmdstanpy - INFO - Chain [1] start processing
01:38:50 - cmdstanpy - INFO - Chain [1] done processing
01:38:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:50 - cmdstanpy - INFO - Chain [1] start processing
01:38:50 - cmdstanpy - INFO - Chain [1] done processing
01:38:50 - cmdstanpy - INFO - Chain [1] start processing
01:38:50 - cmdstanpy - INFO - Chain [1] done processing
01:38:50 - cmdstanpy - INFO - Chain [1] start processing
01:38:50 - cmdstanpy - INFO - Chain [1] done processing
01:38:51 - cmdstanpy - INFO - Chain [1] start processing
01:38:51 - cmdstanpy - INFO - Chain [1] done processing
01:38:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:51 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:38:51 - cmdstanpy - INFO - Chain [1] done processing
01:38:51 - cmdstanpy - INFO - Chain [1] start processing
01:38:51 - cmdstanpy - INFO - Chain [1] done processing
01:38:52 - cmdstanpy - INFO - Chain [1] start processing
01:38:52 - cmdstanpy - INFO - Chain [1] done processing
01:38:52 - cmdstanpy - INFO - Chain [1] start processing
01:38:52 - cmdstanpy - INFO - Chain [1] done processing
01:38:52 - cmdstanpy - INFO - Chain [1] start processing
01:38:53 - cmdstanpy - INFO - Chain [1] done processing
01:38:53 - cmdstanpy - INFO - Chain [1] start processing
01:38:53 - cmdstanpy - INFO - Chain [1] done processing
01:38:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:53 - cmdstanpy - INFO - Chain [1] start processing
01:38:53 - cmdstanpy - INFO - Chain [1] done processing
01:38:53 - cmdstanpy - INFO - Chain [1] start processing
01:38:53 - cmdstanpy - INFO - Chain [1] done processing
01:38:54 - cmdstanpy - INFO - Chain [1] start processing
01:38:54 - cmdstanpy - INFO - Chain [1] done processing
01:38:54 - cmdstanpy - INFO - Chain [1] start processing
01:38:54 - cmdstanpy - INFO - Chain [1] done processing
01:38:54 - cmdstanpy - INFO - Chain [1] start processing
01:38:54 - cmdstanpy - INFO - Chain [1] done processing
01:38:55 - cmdstanpy - INFO - Chain [1] start processing
01:38:55 - cmdstanpy - INFO - Chain [1] done processing
01:38:55 - cmdstanpy - INFO - Chain [1] start processing
01:38:55 - cmdstanpy - INFO - Chain [1] done processing
01:38:55 - cmdstanpy - INFO - Chain [1] start processing
01:38:56 - cmdstanpy - INFO - Chain [1] done processing
01:38:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:56 - cmdstanpy - INFO - Chain [1] start processing
01:38:56 - cmdstanpy - INFO - Chain [1] done processing
01:38:56 - cmdstanpy - INFO - Chain [1] start processing
01:38:56 - cmdstanpy - INFO - Chain [1] done processing
01:38:56 - cmdstanpy - INFO - Chain [1] start processing
01:38:56 - cmdstanpy - INFO - Chain [1] done processing
01:38:57 - cmdstanpy - INFO - Chain [1] start processing
01:38:57 - cmdstanpy - INFO - Chain [1] done processing
01:38:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:57 - cmdstanpy - INFO - Chain [1] start processing
01:38:57 - cmdstanpy - INFO - Chain [1] done processing
01:38:57 - cmdstanpy - INFO - Chain [1] start processing
01:38:57 - cmdstanpy - INFO - Chain [1] done processing
01:38:58 - cmdstanpy - INFO - Chain [1] start processing
01:38:58 - cmdstanpy - INFO - Chain [1] done processing
01:38:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:38:58 - cmdstanpy - INFO - Chain [1] start processing
01:38:58 - cmdstanpy - INFO - Chain [1] done processing
01:38:58 - cmdstanpy - INFO - Chain [1] start processing
01:38:58 - cmdstanpy - INFO - Chain [1] done processing
01:38:59 - cmdstanpy - INFO - Chain [1] start processing
01:38:59 - cmdstanpy - INFO - Chain [1] done processing
01:38:59 - cmdstanpy - INFO - Chain [1] start processing
01:38:59 - cmdstanpy - INFO - Chain [1] done processing
01:38:59 - cmdstanpy - INFO - Chain [1] start processing
01:38:59 - cmdstanpy - INFO - Chain [1] done processing
01:38:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:00 - cmdstanpy - INFO - Chain [1] start processing
01:39:00 - cmdstanpy - INFO - Chain [1] done processing
01:39:00 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:39:00 - cmdstanpy - INFO - Chain [1] done processing
01:39:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:00 - cmdstanpy - INFO - Chain [1] start processing
01:39:01 - cmdstanpy - INFO - Chain [1] done processing
01:39:01 - cmdstanpy - INFO - Chain [1] start processing
01:39:01 - cmdstanpy - INFO - Chain [1] done processing
01:39:01 - cmdstanpy - INFO - Chain [1] start processing
01:39:01 - cmdstanpy - INFO - Chain [1] done processing
01:39:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:01 - cmdstanpy - INFO - Chain [1] start processing
01:39:02 - cmdstanpy - INFO - Chain [1] done processing
01:39:02 - cmdstanpy - INFO - Chain [1] start processing
01:39:02 - cmdstanpy - INFO - Chain [1] done processing
01:39:02 - cmdstanpy - INFO - Chain [1] start processing
01:39:02 - cmdstanpy - INFO - Chain [1] done processing
01:39:03 - cmdstanpy - INFO - Chain [1] start processing
01:39:03 - cmdstanpy - INFO - Chain [1] done processing
01:39:03 - cmdstanpy - INFO - Chain [1] start processing
01:39:03 - cmdstanpy - INFO - Chain [1] done processing
01:39:04 - cmdstanpy - INFO - Chain [1] start processing
01:39:04 - cmdstanpy - INFO - Chain [1] done processing
01:39:04 - cmdstanpy - INFO - Chain [1] start processing
01:39:04 - cmdstanpy - INFO - Chain [1] done processing
01:39:05 - cmdstanpy - INFO - Chain [1] start processing
01:39:05 - cmdstanpy - INFO - Chain [1] done processing
01:39:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:05 - cmdstanpy - INFO - Chain [1] start processing
01:39:05 - cmdstanpy - INFO - Chain [1] done processing
01:39:05 - cmdstanpy - INFO - Chain [1] start processing
01:39:05 - cmdstanpy - INFO - Chain [1] done processing
01:39:05 - cmdstanpy - INFO - Chain [1] start processing
01:39:06 - cmdstanpy - INFO - Chain [1] done processing
01:39:06 - cmdstanpy - INFO - Chain [1] start processing
01:39:06 - cmdstanpy - INFO - Chain [1] done processing
01:39:06 - cmdstanpy - INFO - Chain [1] start processing
01:39:06 - cmdstanpy - INFO - Chain [1] done processing
01:39:07 - cmdstanpy - INFO - Chain [1] start processing
01:39:07 - cmdstanpy - INFO - Chain [1] done processing
01:39:07 - cmdstanpy - INFO - Chain [1] start processing
01:39:07 - cmdstanpy - INFO - Chain [1] done processing
01:39:07 - cmdstanpy - INFO - Chain [1] start processing
01:39:07 - cmdstanpy - INFO - Chain [1] done processing
01:39:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:07 - cmdstanpy - INFO - Chain [1] start processing
01:39:08 - cmdstanpy - INFO - Chain [1] done processing
01:39:08 - cmdstanpy - INFO - Chain [1] start processing
01:39:08 - cmdstanpy - INFO - Chain [1] done processing
01:39:08 - cmdstanpy - INFO - Chain [1] start processing
01:39:08 - cmdstanpy - INFO - Chain [1] done processing
01:39:09 - cmdstanpy - INFO - Chain [1] start processing
01:39:09 - cmdstanpy - INFO - Chain [1] done processing
01:39:09 - cmdstanpy - INFO - Chain [1] start processing
01:39:09 - cmdstanpy - INFO - Chain [1] done processing
01:39:09 - cmdstanpy - INFO - Chain [1] start processing
01:39:09 - cmdstanpy - INFO - Chain [1] done processing
01:39:10 - cmdstanpy - INFO - Chain [1] start processing
01:39:10 - cmdstanpy - INFO - Chain [1] done processing
01:39:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:10 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:39:10 - cmdstanpy - INFO - Chain [1] done processing
01:39:10 - cmdstanpy - INFO - Chain [1] start processing
01:39:10 - cmdstanpy - INFO - Chain [1] done processing
01:39:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:10 - cmdstanpy - INFO - Chain [1] start processing
01:39:11 - cmdstanpy - INFO - Chain [1] done processing
01:39:11 - cmdstanpy - INFO - Chain [1] start processing
01:39:11 - cmdstanpy - INFO - Chain [1] done processing
01:39:11 - cmdstanpy - INFO - Chain [1] start processing
01:39:11 - cmdstanpy - INFO - Chain [1] done processing
01:39:12 - cmdstanpy - INFO - Chain [1] start processing
01:39:12 - cmdstanpy - INFO - Chain [1] done processing
01:39:12 - cmdstanpy - INFO - Chain [1] start processing
01:39:12 - cmdstanpy - INFO - Chain [1] done processing
01:39:12 - cmdstanpy - INFO - Chain [1] start processing
01:39:12 - cmdstanpy - INFO - Chain [1] done processing
01:39:13 - cmdstanpy - INFO - Chain [1] start processing
01:39:13 - cmdstanpy - INFO - Chain [1] done processing
01:39:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:13 - cmdstanpy - INFO - Chain [1] start processing
01:39:13 - cmdstanpy - INFO - Chain [1] done processing
01:39:13 - cmdstanpy - INFO - Chain [1] start processing
01:39:13 - cmdstanpy - INFO - Chain [1] done processing
01:39:14 - cmdstanpy - INFO - Chain [1] start processing
01:39:14 - cmdstanpy - INFO - Chain [1] done processing
01:39:14 - cmdstanpy - INFO - Chain [1] start processing
01:39:14 - cmdstanpy - INFO - Chain [1] done processing
01:39:14 - cmdstanpy - INFO - Chain [1] start processing
01:39:14 - cmdstanpy - INFO - Chain [1] done processing
01:39:15 - cmdstanpy - INFO - Chain [1] start processing
01:39:15 - cmdstanpy - INFO - Chain [1] done processing
01:39:15 - cmdstanpy - INFO - Chain [1] start processing
01:39:15 - cmdstanpy - INFO - Chain [1] done processing
01:39:15 - cmdstanpy - INFO - Chain [1] start processing
01:39:15 - cmdstanpy - INFO - Chain [1] done processing
01:39:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:15 - cmdstanpy - INFO - Chain [1] start processing
01:39:16 - cmdstanpy - INFO - Chain [1] done processing
01:39:16 - cmdstanpy - INFO - Chain [1] start processing
01:39:16 - cmdstanpy - INFO - Chain [1] done processing
01:39:16 - cmdstanpy - INFO - Chain [1] start processing
01:39:16 - cmdstanpy - INFO - Chain [1] done processing
01:39:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:16 - cmdstanpy - INFO - Chain [1] start processing
01:39:17 - cmdstanpy - INFO - Chain [1] done processing
01:39:17 - cmdstanpy - INFO - Chain [1] start processing
01:39:17 - cmdstanpy - INFO - Chain [1] done processing
01:39:18 - cmdstanpy - INFO - Chain [1] start processing
01:39:18 - cmdstanpy - INFO - Chain [1] done processing
01:39:18 - cmdstanpy - INFO - Chain [1] start processing
01:39:18 - cmdstanpy - INFO - Chain [1] done processing
01:39:18 - cmdstanpy - INFO - Chain [1] start processing
01:39:18 - cmdstanpy - INFO - Chain [1] done processing
01:39:19 - cmdstanpy - INFO - Chain [1] start processing
01:39:19 - cmdstanpy - INFO - Chain [1] done processing
01:39:19 - cmdstanpy - INFO - Chain [1] start processing
01:39:19 - cmdstanpy - INFO - Chain [1] done processing
01:39:19 - cmdstanpy - INFO - Chain [1] start processing
01:39:20 - cmdstanpy - INFO - Chain [1] done processing
01:39:20 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:39:20 - cmdstanpy - INFO - Chain [1] done processing
01:39:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:20 - cmdstanpy - INFO - Chain [1] start processing
01:39:20 - cmdstanpy - INFO - Chain [1] done processing
01:39:20 - cmdstanpy - INFO - Chain [1] start processing
01:39:20 - cmdstanpy - INFO - Chain [1] done processing
01:39:21 - cmdstanpy - INFO - Chain [1] start processing
01:39:21 - cmdstanpy - INFO - Chain [1] done processing
01:39:21 - cmdstanpy - INFO - Chain [1] start processing
01:39:21 - cmdstanpy - INFO - Chain [1] done processing
01:39:21 - cmdstanpy - INFO - Chain [1] start processing
01:39:21 - cmdstanpy - INFO - Chain [1] done processing
01:39:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:22 - cmdstanpy - INFO - Chain [1] start processing
01:39:22 - cmdstanpy - INFO - Chain [1] done processing
01:39:22 - cmdstanpy - INFO - Chain [1] start processing
01:39:22 - cmdstanpy - INFO - Chain [1] done processing
01:39:22 - cmdstanpy - INFO - Chain [1] start processing
01:39:22 - cmdstanpy - INFO - Chain [1] done processing
01:39:23 - cmdstanpy - INFO - Chain [1] start processing
01:39:23 - cmdstanpy - INFO - Chain [1] done processing
01:39:23 - cmdstanpy - INFO - Chain [1] start processing
01:39:23 - cmdstanpy - INFO - Chain [1] done processing
01:39:23 - cmdstanpy - INFO - Chain [1] start processing
01:39:24 - cmdstanpy - INFO - Chain [1] done processing
01:39:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:24 - cmdstanpy - INFO - Chain [1] start processing
01:39:24 - cmdstanpy - INFO - Chain [1] done processing
01:39:24 - cmdstanpy - INFO - Chain [1] start processing
01:39:24 - cmdstanpy - INFO - Chain [1] done processing
01:39:24 - cmdstanpy - INFO - Chain [1] start processing
01:39:24 - cmdstanpy - INFO - Chain [1] done processing
01:39:25 - cmdstanpy - INFO - Chain [1] start processing
01:39:25 - cmdstanpy - INFO - Chain [1] done processing
01:39:25 - cmdstanpy - INFO - Chain [1] start processing
01:39:25 - cmdstanpy - INFO - Chain [1] done processing
01:39:25 - cmdstanpy - INFO - Chain [1] start processing
01:39:25 - cmdstanpy - INFO - Chain [1] done processing
01:39:26 - cmdstanpy - INFO - Chain [1] start processing
01:39:26 - cmdstanpy - INFO - Chain [1] done processing
01:39:26 - cmdstanpy - INFO - Chain [1] start processing
01:39:26 - cmdstanpy - INFO - Chain [1] done processing
01:39:26 - cmdstanpy - INFO - Chain [1] start processing
01:39:26 - cmdstanpy - INFO - Chain [1] done processing
01:39:27 - cmdstanpy - INFO - Chain [1] start processing
01:39:27 - cmdstanpy - INFO - Chain [1] done processing
01:39:27 - cmdstanpy - INFO - Chain [1] start processing
01:39:27 - cmdstanpy - INFO - Chain [1] done processing
01:39:28 - cmdstanpy - INFO - Chain [1] start processing
01:39:28 - cmdstanpy - INFO - Chain [1] done processing
01:39:28 - cmdstanpy - INFO - Chain [1] start processing
01:39:28 - cmdstanpy - INFO - Chain [1] done processing
01:39:28 - cmdstanpy - INFO - Chain [1] start processing
01:39:28 - cmdstanpy - INFO - Chain [1] done processing
01:39:29 - cmdstanpy - INFO - Chain [1] start processing
01:39:29 - cmdstanpy - INFO - Chain [1] done processing
01:39:29 - cmdstanpy - INFO - Chain [1] start processing
01:39:29 - cmdstanpy - INFO - Chain [1] done processing
01:39:29 - cmdstanpy - INFO - Chain [1] start processing
01:39:30 - cmdstanpy - INFO - Chain [1] done processing
01:39:30 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:39:30 - cmdstanpy - INFO - Chain [1] done processing
01:39:30 - cmdstanpy - INFO - Chain [1] start processing
01:39:30 - cmdstanpy - INFO - Chain [1] done processing
01:39:31 - cmdstanpy - INFO - Chain [1] start processing
01:39:31 - cmdstanpy - INFO - Chain [1] done processing
01:39:31 - cmdstanpy - INFO - Chain [1] start processing
01:39:31 - cmdstanpy - INFO - Chain [1] done processing
01:39:31 - cmdstanpy - INFO - Chain [1] start processing
01:39:31 - cmdstanpy - INFO - Chain [1] done processing
01:39:32 - cmdstanpy - INFO - Chain [1] start processing
01:39:32 - cmdstanpy - INFO - Chain [1] done processing
01:39:32 - cmdstanpy - INFO - Chain [1] start processing
01:39:32 - cmdstanpy - INFO - Chain [1] done processing
01:39:32 - cmdstanpy - INFO - Chain [1] start processing
01:39:32 - cmdstanpy - INFO - Chain [1] done processing
01:39:33 - cmdstanpy - INFO - Chain [1] start processing
01:39:33 - cmdstanpy - INFO - Chain [1] done processing
01:39:33 - cmdstanpy - INFO - Chain [1] start processing
01:39:33 - cmdstanpy - INFO - Chain [1] done processing
01:39:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:33 - cmdstanpy - INFO - Chain [1] start processing
01:39:34 - cmdstanpy - INFO - Chain [1] done processing
01:39:34 - cmdstanpy - INFO - Chain [1] start processing
01:39:34 - cmdstanpy - INFO - Chain [1] done processing
01:39:34 - cmdstanpy - INFO - Chain [1] start processing
01:39:34 - cmdstanpy - INFO - Chain [1] done processing
01:39:35 - cmdstanpy - INFO - Chain [1] start processing
01:39:35 - cmdstanpy - INFO - Chain [1] done processing
01:39:35 - cmdstanpy - INFO - Chain [1] start processing
01:39:35 - cmdstanpy - INFO - Chain [1] done processing
01:39:35 - cmdstanpy - INFO - Chain [1] start processing
01:39:35 - cmdstanpy - INFO - Chain [1] done processing
01:39:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:35 - cmdstanpy - INFO - Chain [1] start processing
01:39:36 - cmdstanpy - INFO - Chain [1] done processing
01:39:36 - cmdstanpy - INFO - Chain [1] start processing
01:39:36 - cmdstanpy - INFO - Chain [1] done processing
01:39:36 - cmdstanpy - INFO - Chain [1] start processing
01:39:36 - cmdstanpy - INFO - Chain [1] done processing
01:39:37 - cmdstanpy - INFO - Chain [1] start processing
01:39:37 - cmdstanpy - INFO - Chain [1] done processing
01:39:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:37 - cmdstanpy - INFO - Chain [1] start processing
01:39:37 - cmdstanpy - INFO - Chain [1] done processing
01:39:37 - cmdstanpy - INFO - Chain [1] start processing
01:39:37 - cmdstanpy - INFO - Chain [1] done processing
01:39:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:37 - cmdstanpy - INFO - Chain [1] start processing
01:39:37 - cmdstanpy - INFO - Chain [1] done processing
01:39:38 - cmdstanpy - INFO - Chain [1] start processing
01:39:38 - cmdstanpy - INFO - Chain [1] done processing
01:39:38 - cmdstanpy - INFO - Chain [1] start processing
01:39:38 - cmdstanpy - INFO - Chain [1] done processing
01:39:38 - cmdstanpy - INFO - Chain [1] start processing
01:39:38 - cmdstanpy - INFO - Chain [1] done processing
01:39:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:38 - cmdstanpy - INFO - Chain [1] start processing
01:39:39 - cmdstanpy - INFO - Chain [1] done processing
01:39:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:39:39 - cmdstanpy - INFO - Chain [1] done processing
01:39:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:39 - cmdstanpy - INFO - Chain [1] start processing
01:39:39 - cmdstanpy - INFO - Chain [1] done processing
01:39:39 - cmdstanpy - INFO - Chain [1] start processing
01:39:39 - cmdstanpy - INFO - Chain [1] done processing
01:39:40 - cmdstanpy - INFO - Chain [1] start processing
01:39:40 - cmdstanpy - INFO - Chain [1] done processing
01:39:40 - cmdstanpy - INFO - Chain [1] start processing
01:39:40 - cmdstanpy - INFO - Chain [1] done processing
01:39:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:40 - cmdstanpy - INFO - Chain [1] start processing
01:39:40 - cmdstanpy - INFO - Chain [1] done processing
01:39:41 - cmdstanpy - INFO - Chain [1] start processing
01:39:41 - cmdstanpy - INFO - Chain [1] done processing
01:39:41 - cmdstanpy - INFO - Chain [1] start processing
01:39:41 - cmdstanpy - INFO - Chain [1] done processing
01:39:41 - cmdstanpy - INFO - Chain [1] start processing
01:39:41 - cmdstanpy - INFO - Chain [1] done processing
01:39:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:41 - cmdstanpy - INFO - Chain [1] start processing
01:39:42 - cmdstanpy - INFO - Chain [1] done processing
01:39:42 - cmdstanpy - INFO - Chain [1] start processing
01:39:42 - cmdstanpy - INFO - Chain [1] done processing
01:39:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:42 - cmdstanpy - INFO - Chain [1] start processing
01:39:42 - cmdstanpy - INFO - Chain [1] done processing
01:39:43 - cmdstanpy - INFO - Chain [1] start processing
01:39:43 - cmdstanpy - INFO - Chain [1] done processing
01:39:43 - cmdstanpy - INFO - Chain [1] start processing
01:39:43 - cmdstanpy - INFO - Chain [1] done processing
01:39:43 - cmdstanpy - INFO - Chain [1] start processing
01:39:43 - cmdstanpy - INFO - Chain [1] done processing
01:39:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:43 - cmdstanpy - INFO - Chain [1] start processing
01:39:44 - cmdstanpy - INFO - Chain [1] done processing
01:39:44 - cmdstanpy - INFO - Chain [1] start processing
01:39:44 - cmdstanpy - INFO - Chain [1] done processing
01:39:45 - cmdstanpy - INFO - Chain [1] start processing
01:39:45 - cmdstanpy - INFO - Chain [1] done processing
01:39:45 - cmdstanpy - INFO - Chain [1] start processing
01:39:45 - cmdstanpy - INFO - Chain [1] done processing
01:39:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:45 - cmdstanpy - INFO - Chain [1] start processing
01:39:45 - cmdstanpy - INFO - Chain [1] done processing
01:39:45 - cmdstanpy - INFO - Chain [1] start processing
01:39:46 - cmdstanpy - INFO - Chain [1] done processing
01:39:46 - cmdstanpy - INFO - Chain [1] start processing
01:39:46 - cmdstanpy - INFO - Chain [1] done processing
01:39:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:46 - cmdstanpy - INFO - Chain [1] start processing
01:39:46 - cmdstanpy - INFO - Chain [1] done processing
01:39:46 - cmdstanpy - INFO - Chain [1] start processing
01:39:46 - cmdstanpy - INFO - Chain [1] done processing
01:39:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:39:47 - cmdstanpy - INFO - Chain [1] done processing
01:39:47 - cmdstanpy - INFO - Chain [1] start processing
01:39:47 - cmdstanpy - INFO - Chain [1] done processing
01:39:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:47 - cmdstanpy - INFO - Chain [1] start processing
01:39:47 - cmdstanpy - INFO - Chain [1] done processing
01:39:48 - cmdstanpy - INFO - Chain [1] start processing
01:39:48 - cmdstanpy - INFO - Chain [1] done processing
01:39:48 - cmdstanpy - INFO - Chain [1] start processing
01:39:48 - cmdstanpy - INFO - Chain [1] done processing
01:39:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:48 - cmdstanpy - INFO - Chain [1] start processing
01:39:49 - cmdstanpy - INFO - Chain [1] done processing
01:39:49 - cmdstanpy - INFO - Chain [1] start processing
01:39:49 - cmdstanpy - INFO - Chain [1] done processing
01:39:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:49 - cmdstanpy - INFO - Chain [1] start processing
01:39:49 - cmdstanpy - INFO - Chain [1] done processing
01:39:49 - cmdstanpy - INFO - Chain [1] start processing
01:39:50 - cmdstanpy - INFO - Chain [1] done processing
01:39:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:50 - cmdstanpy - INFO - Chain [1] start processing
01:39:50 - cmdstanpy - INFO - Chain [1] done processing
01:39:50 - cmdstanpy - INFO - Chain [1] start processing
01:39:50 - cmdstanpy - INFO - Chain [1] done processing
01:39:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:50 - cmdstanpy - INFO - Chain [1] start processing
01:39:50 - cmdstanpy - INFO - Chain [1] done processing
01:39:51 - cmdstanpy - INFO - Chain [1] start processing
01:39:51 - cmdstanpy - INFO - Chain [1] done processing
01:39:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:51 - cmdstanpy - INFO - Chain [1] start processing
01:39:51 - cmdstanpy - INFO - Chain [1] done processing
01:39:51 - cmdstanpy - INFO - Chain [1] start processing
01:39:51 - cmdstanpy - INFO - Chain [1] done processing
01:39:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:51 - cmdstanpy - INFO - Chain [1] start processing
01:39:51 - cmdstanpy - INFO - Chain [1] done processing
01:39:52 - cmdstanpy - INFO - Chain [1] start processing
01:39:52 - cmdstanpy - INFO - Chain [1] done processing
01:39:52 - cmdstanpy - INFO - Chain [1] start processing
01:39:52 - cmdstanpy - INFO - Chain [1] done processing
01:39:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:52 - cmdstanpy - INFO - Chain [1] start processing
01:39:52 - cmdstanpy - INFO - Chain [1] done processing
01:39:53 - cmdstanpy - INFO - Chain [1] start processing
01:39:53 - cmdstanpy - INFO - Chain [1] done processing
01:39:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:53 - cmdstanpy - INFO - Chain [1] start processing
01:39:53 - cmdstanpy - INFO - Chain [1] done processing
01:39:53 - cmdstanpy - INFO - Chain [1] start processing
01:39:53 - cmdstanpy - INFO - Chain [1] done processing
01:39:54 - cmdstanpy - INFO - Chain [1] start processing
01:39:54 - cmdstanpy - INFO - Chain [1] done processing
01:39:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:39:54 - cmdstanpy - INFO - Chain [1] start processing
01:39:54 - cmdstanpy - INFO - Chain [1] done processing
01:39:54 - cmdstanpy - INFO - Chain [1] start processing
01:39:54 - cmdstanpy - INFO - Chain [1] done processing
01:39:55 - cmdstanpy - INFO - Chain [1] start processing
01:39:55 - cmdstanpy - INFO - Chain [1] done processing
01:39:55 - cmdstanpy - INFO - Chain [1] start processing
01:39:55 - cmdstanpy - INFO - Chain [1] done processing
01:39:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:55 - cmdstanpy - INFO - Chain [1] start processing
01:39:55 - cmdstanpy - INFO - Chain [1] done processing
01:39:56 - cmdstanpy - INFO - Chain [1] start processing
01:39:56 - cmdstanpy - INFO - Chain [1] done processing
01:39:56 - cmdstanpy - INFO - Chain [1] start processing
01:39:56 - cmdstanpy - INFO - Chain [1] done processing
01:39:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:56 - cmdstanpy - INFO - Chain [1] start processing
01:39:57 - cmdstanpy - INFO - Chain [1] done processing
01:39:57 - cmdstanpy - INFO - Chain [1] start processing
01:39:57 - cmdstanpy - INFO - Chain [1] done processing
01:39:57 - cmdstanpy - INFO - Chain [1] start processing
01:39:57 - cmdstanpy - INFO - Chain [1] done processing
01:39:58 - cmdstanpy - INFO - Chain [1] start processing
01:39:58 - cmdstanpy - INFO - Chain [1] done processing
01:39:58 - cmdstanpy - INFO - Chain [1] start processing
01:39:58 - cmdstanpy - INFO - Chain [1] done processing
01:39:58 - cmdstanpy - INFO - Chain [1] start processing
01:39:58 - cmdstanpy - INFO - Chain [1] done processing
01:39:59 - cmdstanpy - INFO - Chain [1] start processing
01:39:59 - cmdstanpy - INFO - Chain [1] done processing
01:39:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:39:59 - cmdstanpy - INFO - Chain [1] start processing
01:39:59 - cmdstanpy - INFO - Chain [1] done processing
01:39:59 - cmdstanpy - INFO - Chain [1] start processing
01:39:59 - cmdstanpy - INFO - Chain [1] done processing
01:40:00 - cmdstanpy - INFO - Chain [1] start processing
01:40:00 - cmdstanpy - INFO - Chain [1] done processing
01:40:00 - cmdstanpy - INFO - Chain [1] start processing
01:40:00 - cmdstanpy - INFO - Chain [1] done processing
01:40:00 - cmdstanpy - INFO - Chain [1] start processing
01:40:00 - cmdstanpy - INFO - Chain [1] done processing
01:40:01 - cmdstanpy - INFO - Chain [1] start processing
01:40:01 - cmdstanpy - INFO - Chain [1] done processing
01:40:01 - cmdstanpy - INFO - Chain [1] start processing
01:40:01 - cmdstanpy - INFO - Chain [1] done processing
01:40:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:01 - cmdstanpy - INFO - Chain [1] start processing
01:40:02 - cmdstanpy - INFO - Chain [1] done processing
01:40:02 - cmdstanpy - INFO - Chain [1] start processing
01:40:02 - cmdstanpy - INFO - Chain [1] done processing
01:40:03 - cmdstanpy - INFO - Chain [1] start processing
01:40:03 - cmdstanpy - INFO - Chain [1] done processing
01:40:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:03 - cmdstanpy - INFO - Chain [1] start processing
01:40:03 - cmdstanpy - INFO - Chain [1] done processing
01:40:03 - cmdstanpy - INFO - Chain [1] start processing
01:40:03 - cmdstanpy - INFO - Chain [1] done processing
01:40:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:40:03 - cmdstanpy - INFO - Chain [1] start processing
01:40:03 - cmdstanpy - INFO - Chain [1] done processing
01:40:04 - cmdstanpy - INFO - Chain [1] start processing
01:40:04 - cmdstanpy - INFO - Chain [1] done processing
01:40:04 - cmdstanpy - INFO - Chain [1] start processing
01:40:04 - cmdstanpy - INFO - Chain [1] done processing
01:40:05 - cmdstanpy - INFO - Chain [1] start processing
01:40:05 - cmdstanpy - INFO - Chain [1] done processing
01:40:05 - cmdstanpy - INFO - Chain [1] start processing
01:40:05 - cmdstanpy - INFO - Chain [1] done processing
01:40:05 - cmdstanpy - INFO - Chain [1] start processing
01:40:05 - cmdstanpy - INFO - Chain [1] done processing
01:40:06 - cmdstanpy - INFO - Chain [1] start processing
01:40:06 - cmdstanpy - INFO - Chain [1] done processing
01:40:06 - cmdstanpy - INFO - Chain [1] start processing
01:40:06 - cmdstanpy - INFO - Chain [1] done processing
01:40:06 - cmdstanpy - INFO - Chain [1] start processing
01:40:06 - cmdstanpy - INFO - Chain [1] done processing
01:40:07 - cmdstanpy - INFO - Chain [1] start processing
01:40:07 - cmdstanpy - INFO - Chain [1] done processing
01:40:07 - cmdstanpy - INFO - Chain [1] start processing
01:40:07 - cmdstanpy - INFO - Chain [1] done processing
01:40:07 - cmdstanpy - INFO - Chain [1] start processing
01:40:07 - cmdstanpy - INFO - Chain [1] done processing
01:40:08 - cmdstanpy - INFO - Chain [1] start processing
01:40:08 - cmdstanpy - INFO - Chain [1] done processing
01:40:08 - cmdstanpy - INFO - Chain [1] start processing
01:40:08 - cmdstanpy - INFO - Chain [1] done processing
01:40:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:08 - cmdstanpy - INFO - Chain [1] start processing
01:40:08 - cmdstanpy - INFO - Chain [1] done processing
01:40:09 - cmdstanpy - INFO - Chain [1] start processing
01:40:09 - cmdstanpy - INFO - Chain [1] done processing
01:40:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:09 - cmdstanpy - INFO - Chain [1] start processing
01:40:09 - cmdstanpy - INFO - Chain [1] done processing
01:40:09 - cmdstanpy - INFO - Chain [1] start processing
01:40:09 - cmdstanpy - INFO - Chain [1] done processing
01:40:10 - cmdstanpy - INFO - Chain [1] start processing
01:40:10 - cmdstanpy - INFO - Chain [1] done processing
01:40:10 - cmdstanpy - INFO - Chain [1] start processing
01:40:10 - cmdstanpy - INFO - Chain [1] done processing
01:40:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:10 - cmdstanpy - INFO - Chain [1] start processing
01:40:10 - cmdstanpy - INFO - Chain [1] done processing
01:40:11 - cmdstanpy - INFO - Chain [1] start processing
01:40:11 - cmdstanpy - INFO - Chain [1] done processing
01:40:11 - cmdstanpy - INFO - Chain [1] start processing
01:40:11 - cmdstanpy - INFO - Chain [1] done processing
01:40:11 - cmdstanpy - INFO - Chain [1] start processing
01:40:11 - cmdstanpy - INFO - Chain [1] done processing
01:40:12 - cmdstanpy - INFO - Chain [1] start processing
01:40:12 - cmdstanpy - INFO - Chain [1] done processing
01:40:12 - cmdstanpy - INFO - Chain [1] start processing
01:40:12 - cmdstanpy - INFO - Chain [1] done processing
01:40:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:12 - cmdstanpy - INFO - Chain [1] start processing
01:40:12 - cmdstanpy - INFO - Chain [1] done processing
01:40:13 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:40:13 - cmdstanpy - INFO - Chain [1] done processing
01:40:13 - cmdstanpy - INFO - Chain [1] start processing
01:40:13 - cmdstanpy - INFO - Chain [1] done processing
01:40:13 - cmdstanpy - INFO - Chain [1] start processing
01:40:13 - cmdstanpy - INFO - Chain [1] done processing
01:40:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:13 - cmdstanpy - INFO - Chain [1] start processing
01:40:14 - cmdstanpy - INFO - Chain [1] done processing
01:40:14 - cmdstanpy - INFO - Chain [1] start processing
01:40:14 - cmdstanpy - INFO - Chain [1] done processing
01:40:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:14 - cmdstanpy - INFO - Chain [1] start processing
01:40:14 - cmdstanpy - INFO - Chain [1] done processing
01:40:14 - cmdstanpy - INFO - Chain [1] start processing
01:40:14 - cmdstanpy - INFO - Chain [1] done processing
01:40:15 - cmdstanpy - INFO - Chain [1] start processing
01:40:15 - cmdstanpy - INFO - Chain [1] done processing
01:40:15 - cmdstanpy - INFO - Chain [1] start processing
01:40:15 - cmdstanpy - INFO - Chain [1] done processing
01:40:15 - cmdstanpy - INFO - Chain [1] start processing
01:40:16 - cmdstanpy - INFO - Chain [1] done processing
01:40:16 - cmdstanpy - INFO - Chain [1] start processing
01:40:16 - cmdstanpy - INFO - Chain [1] done processing
01:40:16 - cmdstanpy - INFO - Chain [1] start processing
01:40:16 - cmdstanpy - INFO - Chain [1] done processing
01:40:17 - cmdstanpy - INFO - Chain [1] start processing
01:40:17 - cmdstanpy - INFO - Chain [1] done processing
01:40:17 - cmdstanpy - INFO - Chain [1] start processing
01:40:17 - cmdstanpy - INFO - Chain [1] done processing
01:40:17 - cmdstanpy - INFO - Chain [1] start processing
01:40:17 - cmdstanpy - INFO - Chain [1] done processing
01:40:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:17 - cmdstanpy - INFO - Chain [1] start processing
01:40:18 - cmdstanpy - INFO - Chain [1] done processing
01:40:18 - cmdstanpy - INFO - Chain [1] start processing
01:40:18 - cmdstanpy - INFO - Chain [1] done processing
01:40:18 - cmdstanpy - INFO - Chain [1] start processing
01:40:18 - cmdstanpy - INFO - Chain [1] done processing
01:40:19 - cmdstanpy - INFO - Chain [1] start processing
01:40:19 - cmdstanpy - INFO - Chain [1] done processing
01:40:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:19 - cmdstanpy - INFO - Chain [1] start processing
01:40:19 - cmdstanpy - INFO - Chain [1] done processing
01:40:19 - cmdstanpy - INFO - Chain [1] start processing
01:40:19 - cmdstanpy - INFO - Chain [1] done processing
01:40:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:19 - cmdstanpy - INFO - Chain [1] start processing
01:40:20 - cmdstanpy - INFO - Chain [1] done processing
01:40:20 - cmdstanpy - INFO - Chain [1] start processing
01:40:20 - cmdstanpy - INFO - Chain [1] done processing
01:40:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:20 - cmdstanpy - INFO - Chain [1] start processing
01:40:20 - cmdstanpy - INFO - Chain [1] done processing
01:40:21 - cmdstanpy - INFO - Chain [1] start processing
01:40:21 - cmdstanpy - INFO - Chain [1] done processing
01:40:21 - cmdstanpy - INFO - Chain [1] start processing
01:40:21 - cmdstanpy - INFO - Chain [1] done processing
01:40:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:40:21 - cmdstanpy - INFO - Chain [1] start processing
01:40:21 - cmdstanpy - INFO - Chain [1] done processing
01:40:22 - cmdstanpy - INFO - Chain [1] start processing
01:40:22 - cmdstanpy - INFO - Chain [1] done processing
01:40:22 - cmdstanpy - INFO - Chain [1] start processing
01:40:22 - cmdstanpy - INFO - Chain [1] done processing
01:40:22 - cmdstanpy - INFO - Chain [1] start processing
01:40:22 - cmdstanpy - INFO - Chain [1] done processing
01:40:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:22 - cmdstanpy - INFO - Chain [1] start processing
01:40:23 - cmdstanpy - INFO - Chain [1] done processing
01:40:23 - cmdstanpy - INFO - Chain [1] start processing
01:40:23 - cmdstanpy - INFO - Chain [1] done processing
01:40:23 - cmdstanpy - INFO - Chain [1] start processing
01:40:23 - cmdstanpy - INFO - Chain [1] done processing
01:40:23 - cmdstanpy - INFO - Chain [1] start processing
01:40:24 - cmdstanpy - INFO - Chain [1] done processing
01:40:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:24 - cmdstanpy - INFO - Chain [1] start processing
01:40:24 - cmdstanpy - INFO - Chain [1] done processing
01:40:24 - cmdstanpy - INFO - Chain [1] start processing
01:40:24 - cmdstanpy - INFO - Chain [1] done processing
01:40:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:24 - cmdstanpy - INFO - Chain [1] start processing
01:40:24 - cmdstanpy - INFO - Chain [1] done processing
01:40:25 - cmdstanpy - INFO - Chain [1] start processing
01:40:25 - cmdstanpy - INFO - Chain [1] done processing
01:40:25 - cmdstanpy - INFO - Chain [1] start processing
01:40:25 - cmdstanpy - INFO - Chain [1] done processing
01:40:25 - cmdstanpy - INFO - Chain [1] start processing
01:40:26 - cmdstanpy - INFO - Chain [1] done processing
01:40:26 - cmdstanpy - INFO - Chain [1] start processing
01:40:26 - cmdstanpy - INFO - Chain [1] done processing
01:40:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:26 - cmdstanpy - INFO - Chain [1] start processing
01:40:26 - cmdstanpy - INFO - Chain [1] done processing
01:40:26 - cmdstanpy - INFO - Chain [1] start processing
01:40:26 - cmdstanpy - INFO - Chain [1] done processing
01:40:27 - cmdstanpy - INFO - Chain [1] start processing
01:40:27 - cmdstanpy - INFO - Chain [1] done processing
01:40:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:27 - cmdstanpy - INFO - Chain [1] start processing
01:40:27 - cmdstanpy - INFO - Chain [1] done processing
01:40:27 - cmdstanpy - INFO - Chain [1] start processing
01:40:27 - cmdstanpy - INFO - Chain [1] done processing
01:40:28 - cmdstanpy - INFO - Chain [1] start processing
01:40:28 - cmdstanpy - INFO - Chain [1] done processing
01:40:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:28 - cmdstanpy - INFO - Chain [1] start processing
01:40:28 - cmdstanpy - INFO - Chain [1] done processing
01:40:28 - cmdstanpy - INFO - Chain [1] start processing
01:40:28 - cmdstanpy - INFO - Chain [1] done processing
01:40:29 - cmdstanpy - INFO - Chain [1] start processing
01:40:29 - cmdstanpy - INFO - Chain [1] done processing
01:40:29 - cmdstanpy - INFO - Chain [1] start processing
01:40:29 - cmdstanpy - INFO - Chain [1] done processing
01:40:29 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:40:29 - cmdstanpy - INFO - Chain [1] done processing
01:40:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:29 - cmdstanpy - INFO - Chain [1] start processing
01:40:30 - cmdstanpy - INFO - Chain [1] done processing
01:40:30 - cmdstanpy - INFO - Chain [1] start processing
01:40:30 - cmdstanpy - INFO - Chain [1] done processing
01:40:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:30 - cmdstanpy - INFO - Chain [1] start processing
01:40:30 - cmdstanpy - INFO - Chain [1] done processing
01:40:31 - cmdstanpy - INFO - Chain [1] start processing
01:40:31 - cmdstanpy - INFO - Chain [1] done processing
01:40:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:31 - cmdstanpy - INFO - Chain [1] start processing
01:40:31 - cmdstanpy - INFO - Chain [1] done processing
01:40:31 - cmdstanpy - INFO - Chain [1] start processing
01:40:31 - cmdstanpy - INFO - Chain [1] done processing
01:40:32 - cmdstanpy - INFO - Chain [1] start processing
01:40:32 - cmdstanpy - INFO - Chain [1] done processing
01:40:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:32 - cmdstanpy - INFO - Chain [1] start processing
01:40:32 - cmdstanpy - INFO - Chain [1] done processing
01:40:32 - cmdstanpy - INFO - Chain [1] start processing
01:40:32 - cmdstanpy - INFO - Chain [1] done processing
01:40:33 - cmdstanpy - INFO - Chain [1] start processing
01:40:33 - cmdstanpy - INFO - Chain [1] done processing
01:40:33 - cmdstanpy - INFO - Chain [1] start processing
01:40:33 - cmdstanpy - INFO - Chain [1] done processing
01:40:33 - cmdstanpy - INFO - Chain [1] start processing
01:40:34 - cmdstanpy - INFO - Chain [1] done processing
01:40:34 - cmdstanpy - INFO - Chain [1] start processing
01:40:34 - cmdstanpy - INFO - Chain [1] done processing
01:40:34 - cmdstanpy - INFO - Chain [1] start processing
01:40:34 - cmdstanpy - INFO - Chain [1] done processing
01:40:35 - cmdstanpy - INFO - Chain [1] start processing
01:40:35 - cmdstanpy - INFO - Chain [1] done processing
01:40:35 - cmdstanpy - INFO - Chain [1] start processing
01:40:35 - cmdstanpy - INFO - Chain [1] done processing
01:40:35 - cmdstanpy - INFO - Chain [1] start processing
01:40:35 - cmdstanpy - INFO - Chain [1] done processing
01:40:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:35 - cmdstanpy - INFO - Chain [1] start processing
01:40:36 - cmdstanpy - INFO - Chain [1] done processing
01:40:36 - cmdstanpy - INFO - Chain [1] start processing
01:40:36 - cmdstanpy - INFO - Chain [1] done processing
01:40:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:36 - cmdstanpy - INFO - Chain [1] start processing
01:40:36 - cmdstanpy - INFO - Chain [1] done processing
01:40:36 - cmdstanpy - INFO - Chain [1] start processing
01:40:37 - cmdstanpy - INFO - Chain [1] done processing
01:40:37 - cmdstanpy - INFO - Chain [1] start processing
01:40:37 - cmdstanpy - INFO - Chain [1] done processing
01:40:37 - cmdstanpy - INFO - Chain [1] start processing
01:40:37 - cmdstanpy - INFO - Chain [1] done processing
01:40:38 - cmdstanpy - INFO - Chain [1] start processing
01:40:38 - cmdstanpy - INFO - Chain [1] done processing
01:40:38 - cmdstanpy - INFO - Chain [1] start processing
01:40:38 - cmdstanpy - INFO - Chain [1] done processing
01:40:38 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:40:38 - cmdstanpy - INFO - Chain [1] done processing
01:40:39 - cmdstanpy - INFO - Chain [1] start processing
01:40:39 - cmdstanpy - INFO - Chain [1] done processing
01:40:39 - cmdstanpy - INFO - Chain [1] start processing
01:40:39 - cmdstanpy - INFO - Chain [1] done processing
01:40:39 - cmdstanpy - INFO - Chain [1] start processing
01:40:39 - cmdstanpy - INFO - Chain [1] done processing
01:40:40 - cmdstanpy - INFO - Chain [1] start processing
01:40:40 - cmdstanpy - INFO - Chain [1] done processing
01:40:40 - cmdstanpy - INFO - Chain [1] start processing
01:40:40 - cmdstanpy - INFO - Chain [1] done processing
01:40:40 - cmdstanpy - INFO - Chain [1] start processing
01:40:40 - cmdstanpy - INFO - Chain [1] done processing
01:40:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:40 - cmdstanpy - INFO - Chain [1] start processing
01:40:41 - cmdstanpy - INFO - Chain [1] done processing
01:40:41 - cmdstanpy - INFO - Chain [1] start processing
01:40:41 - cmdstanpy - INFO - Chain [1] done processing
01:40:41 - cmdstanpy - INFO - Chain [1] start processing
01:40:41 - cmdstanpy - INFO - Chain [1] done processing
01:40:42 - cmdstanpy - INFO - Chain [1] start processing
01:40:42 - cmdstanpy - INFO - Chain [1] done processing
01:40:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:42 - cmdstanpy - INFO - Chain [1] start processing
01:40:42 - cmdstanpy - INFO - Chain [1] done processing
01:40:42 - cmdstanpy - INFO - Chain [1] start processing
01:40:42 - cmdstanpy - INFO - Chain [1] done processing
01:40:43 - cmdstanpy - INFO - Chain [1] start processing
01:40:43 - cmdstanpy - INFO - Chain [1] done processing
01:40:43 - cmdstanpy - INFO - Chain [1] start processing
01:40:43 - cmdstanpy - INFO - Chain [1] done processing
01:40:43 - cmdstanpy - INFO - Chain [1] start processing
01:40:43 - cmdstanpy - INFO - Chain [1] done processing
01:40:44 - cmdstanpy - INFO - Chain [1] start processing
01:40:44 - cmdstanpy - INFO - Chain [1] done processing
01:40:44 - cmdstanpy - INFO - Chain [1] start processing
01:40:44 - cmdstanpy - INFO - Chain [1] done processing
01:40:44 - cmdstanpy - INFO - Chain [1] start processing
01:40:44 - cmdstanpy - INFO - Chain [1] done processing
01:40:45 - cmdstanpy - INFO - Chain [1] start processing
01:40:45 - cmdstanpy - INFO - Chain [1] done processing
01:40:45 - cmdstanpy - INFO - Chain [1] start processing
01:40:45 - cmdstanpy - INFO - Chain [1] done processing
01:40:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:45 - cmdstanpy - INFO - Chain [1] start processing
01:40:45 - cmdstanpy - INFO - Chain [1] done processing
01:40:46 - cmdstanpy - INFO - Chain [1] start processing
01:40:46 - cmdstanpy - INFO - Chain [1] done processing
01:40:46 - cmdstanpy - INFO - Chain [1] start processing
01:40:46 - cmdstanpy - INFO - Chain [1] done processing
01:40:46 - cmdstanpy - INFO - Chain [1] start processing
01:40:46 - cmdstanpy - INFO - Chain [1] done processing
01:40:47 - cmdstanpy - INFO - Chain [1] start processing
01:40:47 - cmdstanpy - INFO - Chain [1] done processing
01:40:47 - cmdstanpy - INFO - Chain [1] start processing
01:40:47 - cmdstanpy - INFO - Chain [1] done processing
01:40:47 - cmdstanpy - INFO - Chain [1] start processing
01:40:47 - cmdstanpy - INFO - Chain [1] done processing
01:40:48 - cmdstanpy - INFO - Chain [1] start processing
01:40:48 - cmdstanpy - INFO - Chain [1] done processing
01:40:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:40:48 - cmdstanpy - INFO - Chain [1] start processing
01:40:48 - cmdstanpy - INFO - Chain [1] done processing
01:40:49 - cmdstanpy - INFO - Chain [1] start processing
01:40:49 - cmdstanpy - INFO - Chain [1] done processing
01:40:49 - cmdstanpy - INFO - Chain [1] start processing
01:40:49 - cmdstanpy - INFO - Chain [1] done processing
01:40:49 - cmdstanpy - INFO - Chain [1] start processing
01:40:49 - cmdstanpy - INFO - Chain [1] done processing
01:40:50 - cmdstanpy - INFO - Chain [1] start processing
01:40:50 - cmdstanpy - INFO - Chain [1] done processing
01:40:50 - cmdstanpy - INFO - Chain [1] start processing
01:40:50 - cmdstanpy - INFO - Chain [1] done processing
01:40:50 - cmdstanpy - INFO - Chain [1] start processing
01:40:50 - cmdstanpy - INFO - Chain [1] done processing
01:40:51 - cmdstanpy - INFO - Chain [1] start processing
01:40:51 - cmdstanpy - INFO - Chain [1] done processing
01:40:51 - cmdstanpy - INFO - Chain [1] start processing
01:40:51 - cmdstanpy - INFO - Chain [1] done processing
01:40:51 - cmdstanpy - INFO - Chain [1] start processing
01:40:51 - cmdstanpy - INFO - Chain [1] done processing
01:40:52 - cmdstanpy - INFO - Chain [1] start processing
01:40:52 - cmdstanpy - INFO - Chain [1] done processing
01:40:52 - cmdstanpy - INFO - Chain [1] start processing
01:40:52 - cmdstanpy - INFO - Chain [1] done processing
01:40:53 - cmdstanpy - INFO - Chain [1] start processing
01:40:53 - cmdstanpy - INFO - Chain [1] done processing
01:40:53 - cmdstanpy - INFO - Chain [1] start processing
01:40:53 - cmdstanpy - INFO - Chain [1] done processing
01:40:53 - cmdstanpy - INFO - Chain [1] start processing
01:40:53 - cmdstanpy - INFO - Chain [1] done processing
01:40:54 - cmdstanpy - INFO - Chain [1] start processing
01:40:54 - cmdstanpy - INFO - Chain [1] done processing
01:40:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:54 - cmdstanpy - INFO - Chain [1] start processing
01:40:54 - cmdstanpy - INFO - Chain [1] done processing
01:40:54 - cmdstanpy - INFO - Chain [1] start processing
01:40:54 - cmdstanpy - INFO - Chain [1] done processing
01:40:54 - cmdstanpy - INFO - Chain [1] start processing
01:40:54 - cmdstanpy - INFO - Chain [1] done processing
01:40:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:54 - cmdstanpy - INFO - Chain [1] start processing
01:40:55 - cmdstanpy - INFO - Chain [1] done processing
01:40:55 - cmdstanpy - INFO - Chain [1] start processing
01:40:55 - cmdstanpy - INFO - Chain [1] done processing
01:40:55 - cmdstanpy - INFO - Chain [1] start processing
01:40:55 - cmdstanpy - INFO - Chain [1] done processing
01:40:56 - cmdstanpy - INFO - Chain [1] start processing
01:40:56 - cmdstanpy - INFO - Chain [1] done processing
01:40:56 - cmdstanpy - INFO - Chain [1] start processing
01:40:56 - cmdstanpy - INFO - Chain [1] done processing
01:40:56 - cmdstanpy - INFO - Chain [1] start processing
01:40:56 - cmdstanpy - INFO - Chain [1] done processing
01:40:57 - cmdstanpy - INFO - Chain [1] start processing
01:40:57 - cmdstanpy - INFO - Chain [1] done processing
01:40:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:40:57 - cmdstanpy - INFO - Chain [1] start processing
01:40:57 - cmdstanpy - INFO - Chain [1] done processing
01:40:57 - cmdstanpy - INFO - Chain [1] start processing
01:40:57 - cmdstanpy - INFO - Chain [1] done processing
01:40:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:40:58 - cmdstanpy - INFO - Chain [1] done processing
01:40:58 - cmdstanpy - INFO - Chain [1] start processing
01:40:58 - cmdstanpy - INFO - Chain [1] done processing
01:40:59 - cmdstanpy - INFO - Chain [1] start processing
01:40:59 - cmdstanpy - INFO - Chain [1] done processing
01:40:59 - cmdstanpy - INFO - Chain [1] start processing
01:40:59 - cmdstanpy - INFO - Chain [1] done processing
01:40:59 - cmdstanpy - INFO - Chain [1] start processing
01:40:59 - cmdstanpy - INFO - Chain [1] done processing
01:41:00 - cmdstanpy - INFO - Chain [1] start processing
01:41:00 - cmdstanpy - INFO - Chain [1] done processing
01:41:00 - cmdstanpy - INFO - Chain [1] start processing
01:41:00 - cmdstanpy - INFO - Chain [1] done processing
01:41:00 - cmdstanpy - INFO - Chain [1] start processing
01:41:01 - cmdstanpy - INFO - Chain [1] done processing
01:41:01 - cmdstanpy - INFO - Chain [1] start processing
01:41:01 - cmdstanpy - INFO - Chain [1] done processing
01:41:01 - cmdstanpy - INFO - Chain [1] start processing
01:41:01 - cmdstanpy - INFO - Chain [1] done processing
01:41:02 - cmdstanpy - INFO - Chain [1] start processing
01:41:02 - cmdstanpy - INFO - Chain [1] done processing
01:41:02 - cmdstanpy - INFO - Chain [1] start processing
01:41:02 - cmdstanpy - INFO - Chain [1] done processing
01:41:02 - cmdstanpy - INFO - Chain [1] start processing
01:41:02 - cmdstanpy - INFO - Chain [1] done processing
01:41:03 - cmdstanpy - INFO - Chain [1] start processing
01:41:03 - cmdstanpy - INFO - Chain [1] done processing
01:41:03 - cmdstanpy - INFO - Chain [1] start processing
01:41:03 - cmdstanpy - INFO - Chain [1] done processing
01:41:04 - cmdstanpy - INFO - Chain [1] start processing
01:41:04 - cmdstanpy - INFO - Chain [1] done processing
01:41:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:04 - cmdstanpy - INFO - Chain [1] start processing
01:41:04 - cmdstanpy - INFO - Chain [1] done processing
01:41:04 - cmdstanpy - INFO - Chain [1] start processing
01:41:04 - cmdstanpy - INFO - Chain [1] done processing
01:41:05 - cmdstanpy - INFO - Chain [1] start processing
01:41:05 - cmdstanpy - INFO - Chain [1] done processing
01:41:05 - cmdstanpy - INFO - Chain [1] start processing
01:41:05 - cmdstanpy - INFO - Chain [1] done processing
01:41:05 - cmdstanpy - INFO - Chain [1] start processing
01:41:06 - cmdstanpy - INFO - Chain [1] done processing
01:41:06 - cmdstanpy - INFO - Chain [1] start processing
01:41:06 - cmdstanpy - INFO - Chain [1] done processing
01:41:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:06 - cmdstanpy - INFO - Chain [1] start processing
01:41:06 - cmdstanpy - INFO - Chain [1] done processing
01:41:06 - cmdstanpy - INFO - Chain [1] start processing
01:41:07 - cmdstanpy - INFO - Chain [1] done processing
01:41:07 - cmdstanpy - INFO - Chain [1] start processing
01:41:07 - cmdstanpy - INFO - Chain [1] done processing
01:41:07 - cmdstanpy - INFO - Chain [1] start processing
01:41:07 - cmdstanpy - INFO - Chain [1] done processing
01:41:08 - cmdstanpy - INFO - Chain [1] start processing
01:41:08 - cmdstanpy - INFO - Chain [1] done processing
01:41:08 - cmdstanpy - INFO - Chain [1] start processing
01:41:08 - cmdstanpy - INFO - Chain [1] done processing
01:41:08 - cmdstanpy - INFO - Chain [1] start processing
01:41:08 - cmdstanpy - INFO - Chain [1] done processing
01:41:09 - cmdstanpy - INFO - Chain [1] start processing
01:41:09 - cmdstanpy - INFO - Chain [1] done processing
01:41:09 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:41:09 - cmdstanpy - INFO - Chain [1] done processing
01:41:10 - cmdstanpy - INFO - Chain [1] start processing
01:41:10 - cmdstanpy - INFO - Chain [1] done processing
01:41:10 - cmdstanpy - INFO - Chain [1] start processing
01:41:10 - cmdstanpy - INFO - Chain [1] done processing
01:41:10 - cmdstanpy - INFO - Chain [1] start processing
01:41:10 - cmdstanpy - INFO - Chain [1] done processing
01:41:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:10 - cmdstanpy - INFO - Chain [1] start processing
01:41:11 - cmdstanpy - INFO - Chain [1] done processing
01:41:11 - cmdstanpy - INFO - Chain [1] start processing
01:41:11 - cmdstanpy - INFO - Chain [1] done processing
01:41:11 - cmdstanpy - INFO - Chain [1] start processing
01:41:11 - cmdstanpy - INFO - Chain [1] done processing
01:41:12 - cmdstanpy - INFO - Chain [1] start processing
01:41:12 - cmdstanpy - INFO - Chain [1] done processing
01:41:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:12 - cmdstanpy - INFO - Chain [1] start processing
01:41:12 - cmdstanpy - INFO - Chain [1] done processing
01:41:12 - cmdstanpy - INFO - Chain [1] start processing
01:41:12 - cmdstanpy - INFO - Chain [1] done processing
01:41:13 - cmdstanpy - INFO - Chain [1] start processing
01:41:13 - cmdstanpy - INFO - Chain [1] done processing
01:41:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:13 - cmdstanpy - INFO - Chain [1] start processing
01:41:13 - cmdstanpy - INFO - Chain [1] done processing
01:41:13 - cmdstanpy - INFO - Chain [1] start processing
01:41:13 - cmdstanpy - INFO - Chain [1] done processing
01:41:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:13 - cmdstanpy - INFO - Chain [1] start processing
01:41:14 - cmdstanpy - INFO - Chain [1] done processing
01:41:14 - cmdstanpy - INFO - Chain [1] start processing
01:41:14 - cmdstanpy - INFO - Chain [1] done processing
01:41:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:14 - cmdstanpy - INFO - Chain [1] start processing
01:41:14 - cmdstanpy - INFO - Chain [1] done processing
01:41:14 - cmdstanpy - INFO - Chain [1] start processing
01:41:14 - cmdstanpy - INFO - Chain [1] done processing
01:41:15 - cmdstanpy - INFO - Chain [1] start processing
01:41:15 - cmdstanpy - INFO - Chain [1] done processing
01:41:15 - cmdstanpy - INFO - Chain [1] start processing
01:41:15 - cmdstanpy - INFO - Chain [1] done processing
01:41:15 - cmdstanpy - INFO - Chain [1] start processing
01:41:15 - cmdstanpy - INFO - Chain [1] done processing
01:41:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:16 - cmdstanpy - INFO - Chain [1] start processing
01:41:16 - cmdstanpy - INFO - Chain [1] done processing
01:41:16 - cmdstanpy - INFO - Chain [1] start processing
01:41:16 - cmdstanpy - INFO - Chain [1] done processing
01:41:16 - cmdstanpy - INFO - Chain [1] start processing
01:41:16 - cmdstanpy - INFO - Chain [1] done processing
01:41:17 - cmdstanpy - INFO - Chain [1] start processing
01:41:17 - cmdstanpy - INFO - Chain [1] done processing
01:41:17 - cmdstanpy - INFO - Chain [1] start processing
01:41:17 - cmdstanpy - INFO - Chain [1] done processing
01:41:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:17 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:41:17 - cmdstanpy - INFO - Chain [1] done processing
01:41:18 - cmdstanpy - INFO - Chain [1] start processing
01:41:18 - cmdstanpy - INFO - Chain [1] done processing
01:41:18 - cmdstanpy - INFO - Chain [1] start processing
01:41:18 - cmdstanpy - INFO - Chain [1] done processing
01:41:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:18 - cmdstanpy - INFO - Chain [1] start processing
01:41:18 - cmdstanpy - INFO - Chain [1] done processing
01:41:19 - cmdstanpy - INFO - Chain [1] start processing
01:41:19 - cmdstanpy - INFO - Chain [1] done processing
01:41:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:19 - cmdstanpy - INFO - Chain [1] start processing
01:41:19 - cmdstanpy - INFO - Chain [1] done processing
01:41:19 - cmdstanpy - INFO - Chain [1] start processing
01:41:19 - cmdstanpy - INFO - Chain [1] done processing
01:41:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:19 - cmdstanpy - INFO - Chain [1] start processing
01:41:20 - cmdstanpy - INFO - Chain [1] done processing
01:41:20 - cmdstanpy - INFO - Chain [1] start processing
01:41:21 - cmdstanpy - INFO - Chain [1] done processing
01:41:21 - cmdstanpy - INFO - Chain [1] start processing
01:41:21 - cmdstanpy - INFO - Chain [1] done processing
01:41:21 - cmdstanpy - INFO - Chain [1] start processing
01:41:21 - cmdstanpy - INFO - Chain [1] done processing
01:41:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:21 - cmdstanpy - INFO - Chain [1] start processing
01:41:21 - cmdstanpy - INFO - Chain [1] done processing
01:41:22 - cmdstanpy - INFO - Chain [1] start processing
01:41:22 - cmdstanpy - INFO - Chain [1] done processing
01:41:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:22 - cmdstanpy - INFO - Chain [1] start processing
01:41:22 - cmdstanpy - INFO - Chain [1] done processing
01:41:22 - cmdstanpy - INFO - Chain [1] start processing
01:41:22 - cmdstanpy - INFO - Chain [1] done processing
01:41:23 - cmdstanpy - INFO - Chain [1] start processing
01:41:23 - cmdstanpy - INFO - Chain [1] done processing
01:41:23 - cmdstanpy - INFO - Chain [1] start processing
01:41:23 - cmdstanpy - INFO - Chain [1] done processing
01:41:23 - cmdstanpy - INFO - Chain [1] start processing
01:41:23 - cmdstanpy - INFO - Chain [1] done processing
01:41:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:24 - cmdstanpy - INFO - Chain [1] start processing
01:41:24 - cmdstanpy - INFO - Chain [1] done processing
01:41:24 - cmdstanpy - INFO - Chain [1] start processing
01:41:24 - cmdstanpy - INFO - Chain [1] done processing
01:41:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:24 - cmdstanpy - INFO - Chain [1] start processing
01:41:24 - cmdstanpy - INFO - Chain [1] done processing
01:41:24 - cmdstanpy - INFO - Chain [1] start processing
01:41:25 - cmdstanpy - INFO - Chain [1] done processing
01:41:25 - cmdstanpy - INFO - Chain [1] start processing
01:41:25 - cmdstanpy - INFO - Chain [1] done processing
01:41:25 - cmdstanpy - INFO - Chain [1] start processing
01:41:25 - cmdstanpy - INFO - Chain [1] done processing
01:41:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:41:25 - cmdstanpy - INFO - Chain [1] done processing
01:41:26 - cmdstanpy - INFO - Chain [1] start processing
01:41:26 - cmdstanpy - INFO - Chain [1] done processing
01:41:26 - cmdstanpy - INFO - Chain [1] start processing
01:41:26 - cmdstanpy - INFO - Chain [1] done processing
01:41:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:26 - cmdstanpy - INFO - Chain [1] start processing
01:41:26 - cmdstanpy - INFO - Chain [1] done processing
01:41:27 - cmdstanpy - INFO - Chain [1] start processing
01:41:27 - cmdstanpy - INFO - Chain [1] done processing
01:41:27 - cmdstanpy - INFO - Chain [1] start processing
01:41:27 - cmdstanpy - INFO - Chain [1] done processing
01:41:27 - cmdstanpy - INFO - Chain [1] start processing
01:41:28 - cmdstanpy - INFO - Chain [1] done processing
01:41:28 - cmdstanpy - INFO - Chain [1] start processing
01:41:28 - cmdstanpy - INFO - Chain [1] done processing
01:41:28 - cmdstanpy - INFO - Chain [1] start processing
01:41:28 - cmdstanpy - INFO - Chain [1] done processing
01:41:29 - cmdstanpy - INFO - Chain [1] start processing
01:41:29 - cmdstanpy - INFO - Chain [1] done processing
01:41:29 - cmdstanpy - INFO - Chain [1] start processing
01:41:29 - cmdstanpy - INFO - Chain [1] done processing
01:41:29 - cmdstanpy - INFO - Chain [1] start processing
01:41:29 - cmdstanpy - INFO - Chain [1] done processing
01:41:30 - cmdstanpy - INFO - Chain [1] start processing
01:41:30 - cmdstanpy - INFO - Chain [1] done processing
01:41:30 - cmdstanpy - INFO - Chain [1] start processing
01:41:30 - cmdstanpy - INFO - Chain [1] done processing
01:41:30 - cmdstanpy - INFO - Chain [1] start processing
01:41:30 - cmdstanpy - INFO - Chain [1] done processing
01:41:31 - cmdstanpy - INFO - Chain [1] start processing
01:41:31 - cmdstanpy - INFO - Chain [1] done processing
01:41:31 - cmdstanpy - INFO - Chain [1] start processing
01:41:31 - cmdstanpy - INFO - Chain [1] done processing
01:41:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:31 - cmdstanpy - INFO - Chain [1] start processing
01:41:31 - cmdstanpy - INFO - Chain [1] done processing
01:41:32 - cmdstanpy - INFO - Chain [1] start processing
01:41:32 - cmdstanpy - INFO - Chain [1] done processing
01:41:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:32 - cmdstanpy - INFO - Chain [1] start processing
01:41:32 - cmdstanpy - INFO - Chain [1] done processing
01:41:32 - cmdstanpy - INFO - Chain [1] start processing
01:41:32 - cmdstanpy - INFO - Chain [1] done processing
01:41:32 - cmdstanpy - INFO - Chain [1] start processing
01:41:32 - cmdstanpy - INFO - Chain [1] done processing
01:41:33 - cmdstanpy - INFO - Chain [1] start processing
01:41:33 - cmdstanpy - INFO - Chain [1] done processing
01:41:33 - cmdstanpy - INFO - Chain [1] start processing
01:41:33 - cmdstanpy - INFO - Chain [1] done processing
01:41:34 - cmdstanpy - INFO - Chain [1] start processing
01:41:34 - cmdstanpy - INFO - Chain [1] done processing
01:41:34 - cmdstanpy - INFO - Chain [1] start processing
01:41:34 - cmdstanpy - INFO - Chain [1] done processing
01:41:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:34 - cmdstanpy - INFO - Chain [1] start processing
01:41:34 - cmdstanpy - INFO - Chain [1] done processing
01:41:34 - cmdstanpy - INFO - Chain [1] start processing
01:41:34 - cmdstanpy - INFO - Chain [1] done processing
01:41:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:41:35 - cmdstanpy - INFO - Chain [1] start processing
01:41:35 - cmdstanpy - INFO - Chain [1] done processing
01:41:35 - cmdstanpy - INFO - Chain [1] start processing
01:41:35 - cmdstanpy - INFO - Chain [1] done processing
01:41:35 - cmdstanpy - INFO - Chain [1] start processing
01:41:35 - cmdstanpy - INFO - Chain [1] done processing
01:41:36 - cmdstanpy - INFO - Chain [1] start processing
01:41:36 - cmdstanpy - INFO - Chain [1] done processing
01:41:36 - cmdstanpy - INFO - Chain [1] start processing
01:41:36 - cmdstanpy - INFO - Chain [1] done processing
01:41:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:36 - cmdstanpy - INFO - Chain [1] start processing
01:41:36 - cmdstanpy - INFO - Chain [1] done processing
01:41:37 - cmdstanpy - INFO - Chain [1] start processing
01:41:37 - cmdstanpy - INFO - Chain [1] done processing
01:41:37 - cmdstanpy - INFO - Chain [1] start processing
01:41:37 - cmdstanpy - INFO - Chain [1] done processing
01:41:38 - cmdstanpy - INFO - Chain [1] start processing
01:41:38 - cmdstanpy - INFO - Chain [1] done processing
01:41:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:38 - cmdstanpy - INFO - Chain [1] start processing
01:41:38 - cmdstanpy - INFO - Chain [1] done processing
01:41:38 - cmdstanpy - INFO - Chain [1] start processing
01:41:38 - cmdstanpy - INFO - Chain [1] done processing
01:41:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:38 - cmdstanpy - INFO - Chain [1] start processing
01:41:39 - cmdstanpy - INFO - Chain [1] done processing
01:41:39 - cmdstanpy - INFO - Chain [1] start processing
01:41:39 - cmdstanpy - INFO - Chain [1] done processing
01:41:39 - cmdstanpy - INFO - Chain [1] start processing
01:41:39 - cmdstanpy - INFO - Chain [1] done processing
01:41:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:39 - cmdstanpy - INFO - Chain [1] start processing
01:41:39 - cmdstanpy - INFO - Chain [1] done processing
01:41:40 - cmdstanpy - INFO - Chain [1] start processing
01:41:40 - cmdstanpy - INFO - Chain [1] done processing
01:41:40 - cmdstanpy - INFO - Chain [1] start processing
01:41:40 - cmdstanpy - INFO - Chain [1] done processing
01:41:40 - cmdstanpy - INFO - Chain [1] start processing
01:41:41 - cmdstanpy - INFO - Chain [1] done processing
01:41:41 - cmdstanpy - INFO - Chain [1] start processing
01:41:41 - cmdstanpy - INFO - Chain [1] done processing
01:41:41 - cmdstanpy - INFO - Chain [1] start processing
01:41:41 - cmdstanpy - INFO - Chain [1] done processing
01:41:42 - cmdstanpy - INFO - Chain [1] start processing
01:41:42 - cmdstanpy - INFO - Chain [1] done processing
01:41:42 - cmdstanpy - INFO - Chain [1] start processing
01:41:42 - cmdstanpy - INFO - Chain [1] done processing
01:41:42 - cmdstanpy - INFO - Chain [1] start processing
01:41:42 - cmdstanpy - INFO - Chain [1] done processing
01:41:43 - cmdstanpy - INFO - Chain [1] start processing
01:41:43 - cmdstanpy - INFO - Chain [1] done processing
01:41:43 - cmdstanpy - INFO - Chain [1] start processing
01:41:43 - cmdstanpy - INFO - Chain [1] done processing
01:41:43 - cmdstanpy - INFO - Chain [1] start processing
01:41:43 - cmdstanpy - INFO - Chain [1] done processing
01:41:44 - cmdstanpy - INFO - Chain [1] start processing
01:41:44 - cmdstanpy - INFO - Chain [1] done processing
01:41:44 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:41:44 - cmdstanpy - INFO - Chain [1] done processing
01:41:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:44 - cmdstanpy - INFO - Chain [1] start processing
01:41:44 - cmdstanpy - INFO - Chain [1] done processing
01:41:45 - cmdstanpy - INFO - Chain [1] start processing
01:41:45 - cmdstanpy - INFO - Chain [1] done processing
01:41:45 - cmdstanpy - INFO - Chain [1] start processing
01:41:45 - cmdstanpy - INFO - Chain [1] done processing
01:41:45 - cmdstanpy - INFO - Chain [1] start processing
01:41:45 - cmdstanpy - INFO - Chain [1] done processing
01:41:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:46 - cmdstanpy - INFO - Chain [1] start processing
01:41:46 - cmdstanpy - INFO - Chain [1] done processing
01:41:46 - cmdstanpy - INFO - Chain [1] start processing
01:41:46 - cmdstanpy - INFO - Chain [1] done processing
01:41:46 - cmdstanpy - INFO - Chain [1] start processing
01:41:46 - cmdstanpy - INFO - Chain [1] done processing
01:41:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:46 - cmdstanpy - INFO - Chain [1] start processing
01:41:47 - cmdstanpy - INFO - Chain [1] done processing
01:41:47 - cmdstanpy - INFO - Chain [1] start processing
01:41:47 - cmdstanpy - INFO - Chain [1] done processing
01:41:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:41:47 - cmdstanpy - INFO - Chain [1] start processing
01:41:47 - cmdstanpy - INFO - Chain [1] done processing
01:41:47 - cmdstanpy - INFO - Chain [1] start processing
01:41:47 - cmdstanpy - INFO - Chain [1] done processing
01:41:48 - cmdstanpy - INFO - Chain [1] start processing
01:41:48 - cmdstanpy - INFO - Chain [1] done processing
01:41:48 - cmdstanpy - INFO - Chain [1] start processing
01:41:48 - cmdstanpy - INFO - Chain [1] done processing
01:41:48 - cmdstanpy - INFO - Chain [1] start processing
01:41:49 - cmdstanpy - INFO - Chain [1] done processing
01:41:49 - cmdstanpy - INFO - Chain [1] start processing
01:41:49 - cmdstanpy - INFO - Chain [1] done processing
01:41:49 - cmdstanpy - INFO - Chain [1] start processing
01:41:49 - cmdstanpy - INFO - Chain [1] done processing
01:41:50 - cmdstanpy - INFO - Chain [1] start processing
01:41:50 - cmdstanpy - INFO - Chain [1] done processing
01:41:50 - cmdstanpy - INFO - Chain [1] start processing
01:41:50 - cmdstanpy - INFO - Chain [1] done processing
01:41:50 - cmdstanpy - INFO - Chain [1] start processing
01:41:50 - cmdstanpy - INFO - Chain [1] done processing
01:41:51 - cmdstanpy - INFO - Chain [1] start processing
01:41:51 - cmdstanpy - INFO - Chain [1] done processing
01:41:51 - cmdstanpy - INFO - Chain [1] start processing
01:41:51 - cmdstanpy - INFO - Chain [1] done processing
01:41:51 - cmdstanpy - INFO - Chain [1] start processing
01:41:51 - cmdstanpy - INFO - Chain [1] done processing
01:41:52 - cmdstanpy - INFO - Chain [1] start processing
01:41:52 - cmdstanpy - INFO - Chain [1] done processing
01:41:52 - cmdstanpy - INFO - Chain [1] start processing
01:41:52 - cmdstanpy - INFO - Chain [1] done processing
01:41:52 - cmdstanpy - INFO - Chain [1] start processing
01:41:53 - cmdstanpy - INFO - Chain [1] done processing
01:41:53 - cmdstanpy - INFO - Chain [1] start processing
01:41:53 - cmdstanpy - INFO - Chain [1] done processing
01:41:53 - cmdstanpy - INFO - Chain [1] start processing
01:41:53 - cmdstanpy - INFO - Chain [1] done processing
01:41:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:41:54 - cmdstanpy - INFO - Chain [1] done processing
01:41:54 - cmdstanpy - INFO - Chain [1] start processing
01:41:54 - cmdstanpy - INFO - Chain [1] done processing
01:41:54 - cmdstanpy - INFO - Chain [1] start processing
01:41:54 - cmdstanpy - INFO - Chain [1] done processing
01:41:54 - cmdstanpy - INFO - Chain [1] start processing
01:41:55 - cmdstanpy - INFO - Chain [1] done processing
01:41:55 - cmdstanpy - INFO - Chain [1] start processing
01:41:55 - cmdstanpy - INFO - Chain [1] done processing
01:41:55 - cmdstanpy - INFO - Chain [1] start processing
01:41:55 - cmdstanpy - INFO - Chain [1] done processing
01:41:55 - cmdstanpy - INFO - Chain [1] start processing
01:41:56 - cmdstanpy - INFO - Chain [1] done processing
01:41:56 - cmdstanpy - INFO - Chain [1] start processing
01:41:56 - cmdstanpy - INFO - Chain [1] done processing
01:41:56 - cmdstanpy - INFO - Chain [1] start processing
01:41:56 - cmdstanpy - INFO - Chain [1] done processing
01:41:57 - cmdstanpy - INFO - Chain [1] start processing
01:41:57 - cmdstanpy - INFO - Chain [1] done processing
01:41:57 - cmdstanpy - INFO - Chain [1] start processing
01:41:57 - cmdstanpy - INFO - Chain [1] done processing
01:41:57 - cmdstanpy - INFO - Chain [1] start processing
01:41:57 - cmdstanpy - INFO - Chain [1] done processing
01:41:57 - cmdstanpy - INFO - Chain [1] start processing
01:41:58 - cmdstanpy - INFO - Chain [1] done processing
01:41:58 - cmdstanpy - INFO - Chain [1] start processing
01:41:58 - cmdstanpy - INFO - Chain [1] done processing
01:41:58 - cmdstanpy - INFO - Chain [1] start processing
01:41:58 - cmdstanpy - INFO - Chain [1] done processing
01:41:58 - cmdstanpy - INFO - Chain [1] start processing
01:41:59 - cmdstanpy - INFO - Chain [1] done processing
01:41:59 - cmdstanpy - INFO - Chain [1] start processing
01:41:59 - cmdstanpy - INFO - Chain [1] done processing
01:41:59 - cmdstanpy - INFO - Chain [1] start processing
01:41:59 - cmdstanpy - INFO - Chain [1] done processing
01:42:00 - cmdstanpy - INFO - Chain [1] start processing
01:42:00 - cmdstanpy - INFO - Chain [1] done processing
01:42:00 - cmdstanpy - INFO - Chain [1] start processing
01:42:00 - cmdstanpy - INFO - Chain [1] done processing
01:42:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:00 - cmdstanpy - INFO - Chain [1] start processing
01:42:00 - cmdstanpy - INFO - Chain [1] done processing
01:42:01 - cmdstanpy - INFO - Chain [1] start processing
01:42:01 - cmdstanpy - INFO - Chain [1] done processing
01:42:01 - cmdstanpy - INFO - Chain [1] start processing
01:42:01 - cmdstanpy - INFO - Chain [1] done processing
01:42:01 - cmdstanpy - INFO - Chain [1] start processing
01:42:01 - cmdstanpy - INFO - Chain [1] done processing
01:42:02 - cmdstanpy - INFO - Chain [1] start processing
01:42:02 - cmdstanpy - INFO - Chain [1] done processing
01:42:02 - cmdstanpy - INFO - Chain [1] start processing
01:42:02 - cmdstanpy - INFO - Chain [1] done processing
01:42:02 - cmdstanpy - INFO - Chain [1] start processing
01:42:03 - cmdstanpy - INFO - Chain [1] done processing
01:42:03 - cmdstanpy - INFO - Chain [1] start processing
01:42:03 - cmdstanpy - INFO - Chain [1] done processing
01:42:03 - cmdstanpy - INFO - Chain [1] start processing
01:42:03 - cmdstanpy - INFO - Chain [1] done processing
01:42:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:03 - cmdstanpy - INFO - Chain [1] start processing
01:42:04 - cmdstanpy - INFO - Chain [1] done processing
01:42:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:42:04 - cmdstanpy - INFO - Chain [1] done processing
01:42:04 - cmdstanpy - INFO - Chain [1] start processing
01:42:04 - cmdstanpy - INFO - Chain [1] done processing
01:42:05 - cmdstanpy - INFO - Chain [1] start processing
01:42:05 - cmdstanpy - INFO - Chain [1] done processing
01:42:05 - cmdstanpy - INFO - Chain [1] start processing
01:42:05 - cmdstanpy - INFO - Chain [1] done processing
01:42:05 - cmdstanpy - INFO - Chain [1] start processing
01:42:06 - cmdstanpy - INFO - Chain [1] done processing
01:42:06 - cmdstanpy - INFO - Chain [1] start processing
01:42:06 - cmdstanpy - INFO - Chain [1] done processing
01:42:06 - cmdstanpy - INFO - Chain [1] start processing
01:42:06 - cmdstanpy - INFO - Chain [1] done processing
01:42:07 - cmdstanpy - INFO - Chain [1] start processing
01:42:07 - cmdstanpy - INFO - Chain [1] done processing
01:42:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:07 - cmdstanpy - INFO - Chain [1] start processing
01:42:07 - cmdstanpy - INFO - Chain [1] done processing
01:42:07 - cmdstanpy - INFO - Chain [1] start processing
01:42:07 - cmdstanpy - INFO - Chain [1] done processing
01:42:08 - cmdstanpy - INFO - Chain [1] start processing
01:42:08 - cmdstanpy - INFO - Chain [1] done processing
01:42:08 - cmdstanpy - INFO - Chain [1] start processing
01:42:08 - cmdstanpy - INFO - Chain [1] done processing
01:42:08 - cmdstanpy - INFO - Chain [1] start processing
01:42:08 - cmdstanpy - INFO - Chain [1] done processing
01:42:09 - cmdstanpy - INFO - Chain [1] start processing
01:42:09 - cmdstanpy - INFO - Chain [1] done processing
01:42:09 - cmdstanpy - INFO - Chain [1] start processing
01:42:09 - cmdstanpy - INFO - Chain [1] done processing
01:42:09 - cmdstanpy - INFO - Chain [1] start processing
01:42:10 - cmdstanpy - INFO - Chain [1] done processing
01:42:10 - cmdstanpy - INFO - Chain [1] start processing
01:42:10 - cmdstanpy - INFO - Chain [1] done processing
01:42:10 - cmdstanpy - INFO - Chain [1] start processing
01:42:10 - cmdstanpy - INFO - Chain [1] done processing
01:42:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:10 - cmdstanpy - INFO - Chain [1] start processing
01:42:10 - cmdstanpy - INFO - Chain [1] done processing
01:42:11 - cmdstanpy - INFO - Chain [1] start processing
01:42:11 - cmdstanpy - INFO - Chain [1] done processing
01:42:11 - cmdstanpy - INFO - Chain [1] start processing
01:42:11 - cmdstanpy - INFO - Chain [1] done processing
01:42:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:11 - cmdstanpy - INFO - Chain [1] start processing
01:42:12 - cmdstanpy - INFO - Chain [1] done processing
01:42:12 - cmdstanpy - INFO - Chain [1] start processing
01:42:12 - cmdstanpy - INFO - Chain [1] done processing
01:42:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:12 - cmdstanpy - INFO - Chain [1] start processing
01:42:12 - cmdstanpy - INFO - Chain [1] done processing
01:42:12 - cmdstanpy - INFO - Chain [1] start processing
01:42:12 - cmdstanpy - INFO - Chain [1] done processing
01:42:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:13 - cmdstanpy - INFO - Chain [1] start processing
01:42:13 - cmdstanpy - INFO - Chain [1] done processing
01:42:13 - cmdstanpy - INFO - Chain [1] start processing
01:42:13 - cmdstanpy - INFO - Chain [1] done processing
01:42:13 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:42:13 - cmdstanpy - INFO - Chain [1] done processing
01:42:14 - cmdstanpy - INFO - Chain [1] start processing
01:42:14 - cmdstanpy - INFO - Chain [1] done processing
01:42:14 - cmdstanpy - INFO - Chain [1] start processing
01:42:14 - cmdstanpy - INFO - Chain [1] done processing
01:42:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:14 - cmdstanpy - INFO - Chain [1] start processing
01:42:14 - cmdstanpy - INFO - Chain [1] done processing
01:42:15 - cmdstanpy - INFO - Chain [1] start processing
01:42:15 - cmdstanpy - INFO - Chain [1] done processing
01:42:15 - cmdstanpy - INFO - Chain [1] start processing
01:42:15 - cmdstanpy - INFO - Chain [1] done processing
01:42:15 - cmdstanpy - INFO - Chain [1] start processing
01:42:15 - cmdstanpy - INFO - Chain [1] done processing
01:42:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:15 - cmdstanpy - INFO - Chain [1] start processing
01:42:16 - cmdstanpy - INFO - Chain [1] done processing
01:42:16 - cmdstanpy - INFO - Chain [1] start processing
01:42:16 - cmdstanpy - INFO - Chain [1] done processing
01:42:16 - cmdstanpy - INFO - Chain [1] start processing
01:42:16 - cmdstanpy - INFO - Chain [1] done processing
01:42:17 - cmdstanpy - INFO - Chain [1] start processing
01:42:17 - cmdstanpy - INFO - Chain [1] done processing
01:42:17 - cmdstanpy - INFO - Chain [1] start processing
01:42:17 - cmdstanpy - INFO - Chain [1] done processing
01:42:17 - cmdstanpy - INFO - Chain [1] start processing
01:42:17 - cmdstanpy - INFO - Chain [1] done processing
01:42:18 - cmdstanpy - INFO - Chain [1] start processing
01:42:18 - cmdstanpy - INFO - Chain [1] done processing
01:42:18 - cmdstanpy - INFO - Chain [1] start processing
01:42:18 - cmdstanpy - INFO - Chain [1] done processing
01:42:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:18 - cmdstanpy - INFO - Chain [1] start processing
01:42:18 - cmdstanpy - INFO - Chain [1] done processing
01:42:19 - cmdstanpy - INFO - Chain [1] start processing
01:42:19 - cmdstanpy - INFO - Chain [1] done processing
01:42:19 - cmdstanpy - INFO - Chain [1] start processing
01:42:19 - cmdstanpy - INFO - Chain [1] done processing
01:42:19 - cmdstanpy - INFO - Chain [1] start processing
01:42:19 - cmdstanpy - INFO - Chain [1] done processing
01:42:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:20 - cmdstanpy - INFO - Chain [1] start processing
01:42:20 - cmdstanpy - INFO - Chain [1] done processing
01:42:20 - cmdstanpy - INFO - Chain [1] start processing
01:42:20 - cmdstanpy - INFO - Chain [1] done processing
01:42:21 - cmdstanpy - INFO - Chain [1] start processing
01:42:21 - cmdstanpy - INFO - Chain [1] done processing
01:42:21 - cmdstanpy - INFO - Chain [1] start processing
01:42:21 - cmdstanpy - INFO - Chain [1] done processing
01:42:21 - cmdstanpy - INFO - Chain [1] start processing
01:42:21 - cmdstanpy - INFO - Chain [1] done processing
01:42:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:21 - cmdstanpy - INFO - Chain [1] start processing
01:42:22 - cmdstanpy - INFO - Chain [1] done processing
01:42:22 - cmdstanpy - INFO - Chain [1] start processing
01:42:22 - cmdstanpy - INFO - Chain [1] done processing
01:42:22 - cmdstanpy - INFO - Chain [1] start processing
01:42:22 - cmdstanpy - INFO - Chain [1] done processing
01:42:23 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:42:23 - cmdstanpy - INFO - Chain [1] done processing
01:42:23 - cmdstanpy - INFO - Chain [1] start processing
01:42:23 - cmdstanpy - INFO - Chain [1] done processing
01:42:23 - cmdstanpy - INFO - Chain [1] start processing
01:42:23 - cmdstanpy - INFO - Chain [1] done processing
01:42:24 - cmdstanpy - INFO - Chain [1] start processing
01:42:24 - cmdstanpy - INFO - Chain [1] done processing
01:42:24 - cmdstanpy - INFO - Chain [1] start processing
01:42:24 - cmdstanpy - INFO - Chain [1] done processing
01:42:24 - cmdstanpy - INFO - Chain [1] start processing
01:42:24 - cmdstanpy - INFO - Chain [1] done processing
01:42:25 - cmdstanpy - INFO - Chain [1] start processing
01:42:25 - cmdstanpy - INFO - Chain [1] done processing
01:42:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:25 - cmdstanpy - INFO - Chain [1] start processing
01:42:25 - cmdstanpy - INFO - Chain [1] done processing
01:42:25 - cmdstanpy - INFO - Chain [1] start processing
01:42:25 - cmdstanpy - INFO - Chain [1] done processing
01:42:26 - cmdstanpy - INFO - Chain [1] start processing
01:42:26 - cmdstanpy - INFO - Chain [1] done processing
01:42:26 - cmdstanpy - INFO - Chain [1] start processing
01:42:26 - cmdstanpy - INFO - Chain [1] done processing
01:42:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:26 - cmdstanpy - INFO - Chain [1] start processing
01:42:26 - cmdstanpy - INFO - Chain [1] done processing
01:42:27 - cmdstanpy - INFO - Chain [1] start processing
01:42:27 - cmdstanpy - INFO - Chain [1] done processing
01:42:27 - cmdstanpy - INFO - Chain [1] start processing
01:42:27 - cmdstanpy - INFO - Chain [1] done processing
01:42:27 - cmdstanpy - INFO - Chain [1] start processing
01:42:27 - cmdstanpy - INFO - Chain [1] done processing
01:42:28 - cmdstanpy - INFO - Chain [1] start processing
01:42:28 - cmdstanpy - INFO - Chain [1] done processing
01:42:28 - cmdstanpy - INFO - Chain [1] start processing
01:42:28 - cmdstanpy - INFO - Chain [1] done processing
01:42:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:28 - cmdstanpy - INFO - Chain [1] start processing
01:42:28 - cmdstanpy - INFO - Chain [1] done processing
01:42:29 - cmdstanpy - INFO - Chain [1] start processing
01:42:29 - cmdstanpy - INFO - Chain [1] done processing
01:42:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:29 - cmdstanpy - INFO - Chain [1] start processing
01:42:29 - cmdstanpy - INFO - Chain [1] done processing
01:42:29 - cmdstanpy - INFO - Chain [1] start processing
01:42:29 - cmdstanpy - INFO - Chain [1] done processing
01:42:29 - cmdstanpy - INFO - Chain [1] start processing
01:42:29 - cmdstanpy - INFO - Chain [1] done processing
01:42:30 - cmdstanpy - INFO - Chain [1] start processing
01:42:30 - cmdstanpy - INFO - Chain [1] done processing
01:42:30 - cmdstanpy - INFO - Chain [1] start processing
01:42:30 - cmdstanpy - INFO - Chain [1] done processing
01:42:30 - cmdstanpy - INFO - Chain [1] start processing
01:42:30 - cmdstanpy - INFO - Chain [1] done processing
01:42:31 - cmdstanpy - INFO - Chain [1] start processing
01:42:31 - cmdstanpy - INFO - Chain [1] done processing
01:42:31 - cmdstanpy - INFO - Chain [1] start processing
01:42:31 - cmdstanpy - INFO - Chain [1] done processing
01:42:32 - cmdstanpy - INFO - Chain [1] start processing
01:42:32 - cmdstanpy - INFO - Chain [1] done processing
01:42:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:42:32 - cmdstanpy - INFO - Chain [1] start processing
01:42:32 - cmdstanpy - INFO - Chain [1] done processing
01:42:32 - cmdstanpy - INFO - Chain [1] start processing
01:42:32 - cmdstanpy - INFO - Chain [1] done processing
01:42:32 - cmdstanpy - INFO - Chain [1] start processing
01:42:33 - cmdstanpy - INFO - Chain [1] done processing
01:42:33 - cmdstanpy - INFO - Chain [1] start processing
01:42:33 - cmdstanpy - INFO - Chain [1] done processing
01:42:33 - cmdstanpy - INFO - Chain [1] start processing
01:42:33 - cmdstanpy - INFO - Chain [1] done processing
01:42:34 - cmdstanpy - INFO - Chain [1] start processing
01:42:34 - cmdstanpy - INFO - Chain [1] done processing
01:42:34 - cmdstanpy - INFO - Chain [1] start processing
01:42:34 - cmdstanpy - INFO - Chain [1] done processing
01:42:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:34 - cmdstanpy - INFO - Chain [1] start processing
01:42:34 - cmdstanpy - INFO - Chain [1] done processing
01:42:35 - cmdstanpy - INFO - Chain [1] start processing
01:42:35 - cmdstanpy - INFO - Chain [1] done processing
01:42:35 - cmdstanpy - INFO - Chain [1] start processing
01:42:35 - cmdstanpy - INFO - Chain [1] done processing
01:42:36 - cmdstanpy - INFO - Chain [1] start processing
01:42:36 - cmdstanpy - INFO - Chain [1] done processing
01:42:36 - cmdstanpy - INFO - Chain [1] start processing
01:42:36 - cmdstanpy - INFO - Chain [1] done processing
01:42:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:36 - cmdstanpy - INFO - Chain [1] start processing
01:42:36 - cmdstanpy - INFO - Chain [1] done processing
01:42:37 - cmdstanpy - INFO - Chain [1] start processing
01:42:37 - cmdstanpy - INFO - Chain [1] done processing
01:42:37 - cmdstanpy - INFO - Chain [1] start processing
01:42:37 - cmdstanpy - INFO - Chain [1] done processing
01:42:37 - cmdstanpy - INFO - Chain [1] start processing
01:42:37 - cmdstanpy - INFO - Chain [1] done processing
01:42:38 - cmdstanpy - INFO - Chain [1] start processing
01:42:38 - cmdstanpy - INFO - Chain [1] done processing
01:42:38 - cmdstanpy - INFO - Chain [1] start processing
01:42:38 - cmdstanpy - INFO - Chain [1] done processing
01:42:38 - cmdstanpy - INFO - Chain [1] start processing
01:42:38 - cmdstanpy - INFO - Chain [1] done processing
01:42:39 - cmdstanpy - INFO - Chain [1] start processing
01:42:39 - cmdstanpy - INFO - Chain [1] done processing
01:42:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:39 - cmdstanpy - INFO - Chain [1] start processing
01:42:39 - cmdstanpy - INFO - Chain [1] done processing
01:42:40 - cmdstanpy - INFO - Chain [1] start processing
01:42:40 - cmdstanpy - INFO - Chain [1] done processing
01:42:40 - cmdstanpy - INFO - Chain [1] start processing
01:42:40 - cmdstanpy - INFO - Chain [1] done processing
01:42:40 - cmdstanpy - INFO - Chain [1] start processing
01:42:40 - cmdstanpy - INFO - Chain [1] done processing
01:42:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:41 - cmdstanpy - INFO - Chain [1] start processing
01:42:41 - cmdstanpy - INFO - Chain [1] done processing
01:42:41 - cmdstanpy - INFO - Chain [1] start processing
01:42:41 - cmdstanpy - INFO - Chain [1] done processing
01:42:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:41 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:42:41 - cmdstanpy - INFO - Chain [1] done processing
01:42:42 - cmdstanpy - INFO - Chain [1] start processing
01:42:42 - cmdstanpy - INFO - Chain [1] done processing
01:42:42 - cmdstanpy - INFO - Chain [1] start processing
01:42:42 - cmdstanpy - INFO - Chain [1] done processing
01:42:42 - cmdstanpy - INFO - Chain [1] start processing
01:42:43 - cmdstanpy - INFO - Chain [1] done processing
01:42:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:43 - cmdstanpy - INFO - Chain [1] start processing
01:42:43 - cmdstanpy - INFO - Chain [1] done processing
01:42:43 - cmdstanpy - INFO - Chain [1] start processing
01:42:43 - cmdstanpy - INFO - Chain [1] done processing
01:42:43 - cmdstanpy - INFO - Chain [1] start processing
01:42:44 - cmdstanpy - INFO - Chain [1] done processing
01:42:44 - cmdstanpy - INFO - Chain [1] start processing
01:42:44 - cmdstanpy - INFO - Chain [1] done processing
01:42:44 - cmdstanpy - INFO - Chain [1] start processing
01:42:44 - cmdstanpy - INFO - Chain [1] done processing
01:42:45 - cmdstanpy - INFO - Chain [1] start processing
01:42:45 - cmdstanpy - INFO - Chain [1] done processing
01:42:45 - cmdstanpy - INFO - Chain [1] start processing
01:42:45 - cmdstanpy - INFO - Chain [1] done processing
01:42:45 - cmdstanpy - INFO - Chain [1] start processing
01:42:45 - cmdstanpy - INFO - Chain [1] done processing
01:42:46 - cmdstanpy - INFO - Chain [1] start processing
01:42:46 - cmdstanpy - INFO - Chain [1] done processing
01:42:46 - cmdstanpy - INFO - Chain [1] start processing
01:42:46 - cmdstanpy - INFO - Chain [1] done processing
01:42:46 - cmdstanpy - INFO - Chain [1] start processing
01:42:46 - cmdstanpy - INFO - Chain [1] done processing
01:42:47 - cmdstanpy - INFO - Chain [1] start processing
01:42:47 - cmdstanpy - INFO - Chain [1] done processing
01:42:47 - cmdstanpy - INFO - Chain [1] start processing
01:42:47 - cmdstanpy - INFO - Chain [1] done processing
01:42:48 - cmdstanpy - INFO - Chain [1] start processing
01:42:48 - cmdstanpy - INFO - Chain [1] done processing
01:42:48 - cmdstanpy - INFO - Chain [1] start processing
01:42:48 - cmdstanpy - INFO - Chain [1] done processing
01:42:48 - cmdstanpy - INFO - Chain [1] start processing
01:42:48 - cmdstanpy - INFO - Chain [1] done processing
01:42:49 - cmdstanpy - INFO - Chain [1] start processing
01:42:49 - cmdstanpy - INFO - Chain [1] done processing
01:42:49 - cmdstanpy - INFO - Chain [1] start processing
01:42:49 - cmdstanpy - INFO - Chain [1] done processing
01:42:49 - cmdstanpy - INFO - Chain [1] start processing
01:42:50 - cmdstanpy - INFO - Chain [1] done processing
01:42:50 - cmdstanpy - INFO - Chain [1] start processing
01:42:50 - cmdstanpy - INFO - Chain [1] done processing
01:42:50 - cmdstanpy - INFO - Chain [1] start processing
01:42:50 - cmdstanpy - INFO - Chain [1] done processing
01:42:51 - cmdstanpy - INFO - Chain [1] start processing
01:42:51 - cmdstanpy - INFO - Chain [1] done processing
01:42:51 - cmdstanpy - INFO - Chain [1] start processing
01:42:51 - cmdstanpy - INFO - Chain [1] done processing
01:42:51 - cmdstanpy - INFO - Chain [1] start processing
01:42:51 - cmdstanpy - INFO - Chain [1] done processing
01:42:52 - cmdstanpy - INFO - Chain [1] start processing
01:42:52 - cmdstanpy - INFO - Chain [1] done processing
01:42:52 - cmdstanpy - INFO - Chain [1] start processing
01:42:52 - cmdstanpy - INFO - Chain [1] done processing
01:42:52 - cmdstanpy - INFO - Chain [1] start processing
01:42:52 - cmdstanpy - INFO - Chain [1] done processing
```

01:42:53 - cmdstanpy - INFO - Chain [1] start processing

```
01:42:53 - cmdstanpy - INFO - Chain [1] done processing
01:42:53 - cmdstanpy - INFO - Chain [1] start processing
01:42:53 - cmdstanpy - INFO - Chain [1] done processing
01:42:53 - cmdstanpy - INFO - Chain [1] start processing
01:42:53 - cmdstanpy - INFO - Chain [1] done processing
01:42:54 - cmdstanpy - INFO - Chain [1] start processing
01:42:54 - cmdstanpy - INFO - Chain [1] done processing
01:42:54 - cmdstanpy - INFO - Chain [1] start processing
01:42:54 - cmdstanpy - INFO - Chain [1] done processing
01:42:54 - cmdstanpy - INFO - Chain [1] start processing
01:42:54 - cmdstanpy - INFO - Chain [1] done processing
01:42:55 - cmdstanpy - INFO - Chain [1] start processing
01:42:55 - cmdstanpy - INFO - Chain [1] done processing
01:42:55 - cmdstanpy - INFO - Chain [1] start processing
01:42:55 - cmdstanpy - INFO - Chain [1] done processing
01:42:55 - cmdstanpy - INFO - Chain [1] start processing
01:42:56 - cmdstanpy - INFO - Chain [1] done processing
01:42:56 - cmdstanpy - INFO - Chain [1] start processing
01:42:56 - cmdstanpy - INFO - Chain [1] done processing
01:42:56 - cmdstanpy - INFO - Chain [1] start processing
01:42:56 - cmdstanpy - INFO - Chain [1] done processing
01:42:57 - cmdstanpy - INFO - Chain [1] start processing
01:42:57 - cmdstanpy - INFO - Chain [1] done processing
01:42:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:57 - cmdstanpy - INFO - Chain [1] start processing
01:42:57 - cmdstanpy - INFO - Chain [1] done processing
01:42:57 - cmdstanpy - INFO - Chain [1] start processing
01:42:57 - cmdstanpy - INFO - Chain [1] done processing
01:42:58 - cmdstanpy - INFO - Chain [1] start processing
01:42:58 - cmdstanpy - INFO - Chain [1] done processing
01:42:58 - cmdstanpy - INFO - Chain [1] start processing
01:42:58 - cmdstanpy - INFO - Chain [1] done processing
01:42:58 - cmdstanpy - INFO - Chain [1] start processing
01:42:58 - cmdstanpy - INFO - Chain [1] done processing
01:42:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:42:58 - cmdstanpy - INFO - Chain [1] start processing
01:42:58 - cmdstanpy - INFO - Chain [1] done processing
01:42:59 - cmdstanpy - INFO - Chain [1] start processing
01:42:59 - cmdstanpy - INFO - Chain [1] done processing
01:42:59 - cmdstanpy - INFO - Chain [1] start processing
01:42:59 - cmdstanpy - INFO - Chain [1] done processing
01:42:59 - cmdstanpy - INFO - Chain [1] start processing
01:42:59 - cmdstanpy - INFO - Chain [1] done processing
01:43:00 - cmdstanpy - INFO - Chain [1] start processing
01:43:00 - cmdstanpy - INFO - Chain [1] done processing
01:43:00 - cmdstanpy - INFO - Chain [1] start processing
01:43:00 - cmdstanpy - INFO - Chain [1] done processing
01:43:00 - cmdstanpy - INFO - Chain [1] start processing
01:43:00 - cmdstanpy - INFO - Chain [1] done processing
01:43:01 - cmdstanpy - INFO - Chain [1] start processing
01:43:01 - cmdstanpy - INFO - Chain [1] done processing
01:43:01 - cmdstanpy - INFO - Chain [1] start processing
01:43:01 - cmdstanpy - INFO - Chain [1] done processing
01:43:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:01 - cmdstanpy - INFO - Chain [1] start processing
01:43:02 - cmdstanpy - INFO - Chain [1] done processing
01:43:02 - cmdstanpy - INFO - Chain [1] start processing
01:43:02 - cmdstanpy - INFO - Chain [1] done processing
01:43:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:02 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:43:02 - cmdstanpy - INFO - Chain [1] done processing
01:43:03 - cmdstanpy - INFO - Chain [1] start processing
01:43:03 - cmdstanpy - INFO - Chain [1] done processing
01:43:03 - cmdstanpy - INFO - Chain [1] start processing
01:43:03 - cmdstanpy - INFO - Chain [1] done processing
01:43:03 - cmdstanpy - INFO - Chain [1] start processing
01:43:03 - cmdstanpy - INFO - Chain [1] done processing
01:43:04 - cmdstanpy - INFO - Chain [1] start processing
01:43:04 - cmdstanpy - INFO - Chain [1] done processing
01:43:04 - cmdstanpy - INFO - Chain [1] start processing
01:43:04 - cmdstanpy - INFO - Chain [1] done processing
01:43:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:04 - cmdstanpy - INFO - Chain [1] start processing
01:43:05 - cmdstanpy - INFO - Chain [1] done processing
01:43:05 - cmdstanpy - INFO - Chain [1] start processing
01:43:05 - cmdstanpy - INFO - Chain [1] done processing
01:43:05 - cmdstanpy - INFO - Chain [1] start processing
01:43:05 - cmdstanpy - INFO - Chain [1] done processing
01:43:06 - cmdstanpy - INFO - Chain [1] start processing
01:43:06 - cmdstanpy - INFO - Chain [1] done processing
01:43:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:06 - cmdstanpy - INFO - Chain [1] start processing
01:43:06 - cmdstanpy - INFO - Chain [1] done processing
01:43:06 - cmdstanpy - INFO - Chain [1] start processing
01:43:06 - cmdstanpy - INFO - Chain [1] done processing
01:43:07 - cmdstanpy - INFO - Chain [1] start processing
01:43:07 - cmdstanpy - INFO - Chain [1] done processing
01:43:07 - cmdstanpy - INFO - Chain [1] start processing
01:43:07 - cmdstanpy - INFO - Chain [1] done processing
01:43:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:07 - cmdstanpy - INFO - Chain [1] start processing
01:43:07 - cmdstanpy - INFO - Chain [1] done processing
01:43:08 - cmdstanpy - INFO - Chain [1] start processing
01:43:08 - cmdstanpy - INFO - Chain [1] done processing
01:43:08 - cmdstanpy - INFO - Chain [1] start processing
01:43:08 - cmdstanpy - INFO - Chain [1] done processing
01:43:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:08 - cmdstanpy - INFO - Chain [1] start processing
01:43:09 - cmdstanpy - INFO - Chain [1] done processing
01:43:09 - cmdstanpy - INFO - Chain [1] start processing
01:43:09 - cmdstanpy - INFO - Chain [1] done processing
01:43:09 - cmdstanpy - INFO - Chain [1] start processing
01:43:09 - cmdstanpy - INFO - Chain [1] done processing
01:43:10 - cmdstanpy - INFO - Chain [1] start processing
01:43:10 - cmdstanpy - INFO - Chain [1] done processing
01:43:10 - cmdstanpy - INFO - Chain [1] start processing
01:43:10 - cmdstanpy - INFO - Chain [1] done processing
01:43:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:10 - cmdstanpy - INFO - Chain [1] start processing
01:43:10 - cmdstanpy - INFO - Chain [1] done processing
01:43:10 - cmdstanpy - INFO - Chain [1] start processing
01:43:11 - cmdstanpy - INFO - Chain [1] done processing
01:43:11 - cmdstanpy - INFO - Chain [1] start processing
01:43:11 - cmdstanpy - INFO - Chain [1] done processing
01:43:11 - cmdstanpy - INFO - Chain [1] start processing
01:43:11 - cmdstanpy - INFO - Chain [1] done processing
01:43:12 - cmdstanpy - INFO - Chain [1] start processing
01:43:12 - cmdstanpy - INFO - Chain [1] done processing
01:43:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:43:12 - cmdstanpy - INFO - Chain [1] start processing
01:43:12 - cmdstanpy - INFO - Chain [1] done processing
01:43:12 - cmdstanpy - INFO - Chain [1] start processing
01:43:12 - cmdstanpy - INFO - Chain [1] done processing
01:43:13 - cmdstanpy - INFO - Chain [1] start processing
01:43:13 - cmdstanpy - INFO - Chain [1] done processing
01:43:13 - cmdstanpy - INFO - Chain [1] start processing
01:43:13 - cmdstanpy - INFO - Chain [1] done processing
01:43:13 - cmdstanpy - INFO - Chain [1] start processing
01:43:13 - cmdstanpy - INFO - Chain [1] done processing
01:43:14 - cmdstanpy - INFO - Chain [1] start processing
01:43:14 - cmdstanpy - INFO - Chain [1] done processing
01:43:14 - cmdstanpy - INFO - Chain [1] start processing
01:43:14 - cmdstanpy - INFO - Chain [1] done processing
01:43:14 - cmdstanpy - INFO - Chain [1] start processing
01:43:15 - cmdstanpy - INFO - Chain [1] done processing
01:43:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:15 - cmdstanpy - INFO - Chain [1] start processing
01:43:15 - cmdstanpy - INFO - Chain [1] done processing
01:43:15 - cmdstanpy - INFO - Chain [1] start processing
01:43:15 - cmdstanpy - INFO - Chain [1] done processing
01:43:16 - cmdstanpy - INFO - Chain [1] start processing
01:43:16 - cmdstanpy - INFO - Chain [1] done processing
01:43:16 - cmdstanpy - INFO - Chain [1] start processing
01:43:16 - cmdstanpy - INFO - Chain [1] done processing
01:43:16 - cmdstanpy - INFO - Chain [1] start processing
01:43:16 - cmdstanpy - INFO - Chain [1] done processing
01:43:17 - cmdstanpy - INFO - Chain [1] start processing
01:43:17 - cmdstanpy - INFO - Chain [1] done processing
01:43:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:17 - cmdstanpy - INFO - Chain [1] start processing
01:43:17 - cmdstanpy - INFO - Chain [1] done processing
01:43:17 - cmdstanpy - INFO - Chain [1] start processing
01:43:17 - cmdstanpy - INFO - Chain [1] done processing
01:43:18 - cmdstanpy - INFO - Chain [1] start processing
01:43:18 - cmdstanpy - INFO - Chain [1] done processing
01:43:18 - cmdstanpy - INFO - Chain [1] start processing
01:43:18 - cmdstanpy - INFO - Chain [1] done processing
01:43:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:18 - cmdstanpy - INFO - Chain [1] start processing
01:43:18 - cmdstanpy - INFO - Chain [1] done processing
01:43:19 - cmdstanpy - INFO - Chain [1] start processing
01:43:19 - cmdstanpy - INFO - Chain [1] done processing
01:43:19 - cmdstanpy - INFO - Chain [1] start processing
01:43:19 - cmdstanpy - INFO - Chain [1] done processing
01:43:19 - cmdstanpy - INFO - Chain [1] start processing
01:43:19 - cmdstanpy - INFO - Chain [1] done processing
01:43:20 - cmdstanpy - INFO - Chain [1] start processing
01:43:20 - cmdstanpy - INFO - Chain [1] done processing
01:43:20 - cmdstanpy - INFO - Chain [1] start processing
01:43:20 - cmdstanpy - INFO - Chain [1] done processing
01:43:20 - cmdstanpy - INFO - Chain [1] start processing
01:43:20 - cmdstanpy - INFO - Chain [1] done processing
01:43:21 - cmdstanpy - INFO - Chain [1] start processing
01:43:21 - cmdstanpy - INFO - Chain [1] done processing
01:43:21 - cmdstanpy - INFO - Chain [1] start processing
01:43:21 - cmdstanpy - INFO - Chain [1] done processing
01:43:22 - cmdstanpy - INFO - Chain [1] start processing
01:43:22 - cmdstanpy - INFO - Chain [1] done processing
01:43:22 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:43:22 - cmdstanpy - INFO - Chain [1] done processing
01:43:22 - cmdstanpy - INFO - Chain [1] start processing
01:43:22 - cmdstanpy - INFO - Chain [1] done processing
01:43:23 - cmdstanpy - INFO - Chain [1] start processing
01:43:23 - cmdstanpy - INFO - Chain [1] done processing
01:43:23 - cmdstanpy - INFO - Chain [1] start processing
01:43:23 - cmdstanpy - INFO - Chain [1] done processing
01:43:23 - cmdstanpy - INFO - Chain [1] start processing
01:43:23 - cmdstanpy - INFO - Chain [1] done processing
01:43:24 - cmdstanpy - INFO - Chain [1] start processing
01:43:24 - cmdstanpy - INFO - Chain [1] done processing
01:43:24 - cmdstanpy - INFO - Chain [1] start processing
01:43:24 - cmdstanpy - INFO - Chain [1] done processing
01:43:24 - cmdstanpy - INFO - Chain [1] start processing
01:43:24 - cmdstanpy - INFO - Chain [1] done processing
01:43:25 - cmdstanpy - INFO - Chain [1] start processing
01:43:25 - cmdstanpy - INFO - Chain [1] done processing
01:43:25 - cmdstanpy - INFO - Chain [1] start processing
01:43:25 - cmdstanpy - INFO - Chain [1] done processing
01:43:25 - cmdstanpy - INFO - Chain [1] start processing
01:43:26 - cmdstanpy - INFO - Chain [1] done processing
01:43:26 - cmdstanpy - INFO - Chain [1] start processing
01:43:26 - cmdstanpy - INFO - Chain [1] done processing
01:43:26 - cmdstanpy - INFO - Chain [1] start processing
01:43:26 - cmdstanpy - INFO - Chain [1] done processing
01:43:27 - cmdstanpy - INFO - Chain [1] start processing
01:43:27 - cmdstanpy - INFO - Chain [1] done processing
01:43:27 - cmdstanpy - INFO - Chain [1] start processing
01:43:27 - cmdstanpy - INFO - Chain [1] done processing
01:43:27 - cmdstanpy - INFO - Chain [1] start processing
01:43:28 - cmdstanpy - INFO - Chain [1] done processing
01:43:28 - cmdstanpy - INFO - Chain [1] start processing
01:43:28 - cmdstanpy - INFO - Chain [1] done processing
01:43:28 - cmdstanpy - INFO - Chain [1] start processing
01:43:28 - cmdstanpy - INFO - Chain [1] done processing
01:43:29 - cmdstanpy - INFO - Chain [1] start processing
01:43:29 - cmdstanpy - INFO - Chain [1] done processing
01:43:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:29 - cmdstanpy - INFO - Chain [1] start processing
01:43:29 - cmdstanpy - INFO - Chain [1] done processing
01:43:29 - cmdstanpy - INFO - Chain [1] start processing
01:43:29 - cmdstanpy - INFO - Chain [1] done processing
01:43:30 - cmdstanpy - INFO - Chain [1] start processing
01:43:30 - cmdstanpy - INFO - Chain [1] done processing
01:43:30 - cmdstanpy - INFO - Chain [1] start processing
01:43:30 - cmdstanpy - INFO - Chain [1] done processing
01:43:31 - cmdstanpy - INFO - Chain [1] start processing
01:43:31 - cmdstanpy - INFO - Chain [1] done processing
01:43:31 - cmdstanpy - INFO - Chain [1] start processing
01:43:31 - cmdstanpy - INFO - Chain [1] done processing
01:43:31 - cmdstanpy - INFO - Chain [1] start processing
01:43:31 - cmdstanpy - INFO - Chain [1] done processing
01:43:32 - cmdstanpy - INFO - Chain [1] start processing
01:43:32 - cmdstanpy - INFO - Chain [1] done processing
01:43:32 - cmdstanpy - INFO - Chain [1] start processing
01:43:32 - cmdstanpy - INFO - Chain [1] done processing
01:43:32 - cmdstanpy - INFO - Chain [1] start processing
01:43:32 - cmdstanpy - INFO - Chain [1] done processing
01:43:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:32 - cmdstanpy - INFO - Chain [1] start processing
01:43:33 - cmdstanpy - INFO - Chain [1] done processing
01:43:33 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:43:33 - cmdstanpy - INFO - Chain [1] done processing
01:43:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:33 - cmdstanpy - INFO - Chain [1] start processing
01:43:33 - cmdstanpy - INFO - Chain [1] done processing
01:43:34 - cmdstanpy - INFO - Chain [1] start processing
01:43:34 - cmdstanpy - INFO - Chain [1] done processing
01:43:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:34 - cmdstanpy - INFO - Chain [1] start processing
01:43:34 - cmdstanpy - INFO - Chain [1] done processing
01:43:34 - cmdstanpy - INFO - Chain [1] start processing
01:43:34 - cmdstanpy - INFO - Chain [1] done processing
01:43:35 - cmdstanpy - INFO - Chain [1] start processing
01:43:35 - cmdstanpy - INFO - Chain [1] done processing
01:43:35 - cmdstanpy - INFO - Chain [1] start processing
01:43:35 - cmdstanpy - INFO - Chain [1] done processing
01:43:35 - cmdstanpy - INFO - Chain [1] start processing
01:43:35 - cmdstanpy - INFO - Chain [1] done processing
01:43:36 - cmdstanpy - INFO - Chain [1] start processing
01:43:36 - cmdstanpy - INFO - Chain [1] done processing
01:43:36 - cmdstanpy - INFO - Chain [1] start processing
01:43:36 - cmdstanpy - INFO - Chain [1] done processing
01:43:36 - cmdstanpy - INFO - Chain [1] start processing
01:43:36 - cmdstanpy - INFO - Chain [1] done processing
01:43:37 - cmdstanpy - INFO - Chain [1] start processing
01:43:37 - cmdstanpy - INFO - Chain [1] done processing
01:43:37 - cmdstanpy - INFO - Chain [1] start processing
01:43:37 - cmdstanpy - INFO - Chain [1] done processing
01:43:38 - cmdstanpy - INFO - Chain [1] start processing
01:43:38 - cmdstanpy - INFO - Chain [1] done processing
01:43:38 - cmdstanpy - INFO - Chain [1] start processing
01:43:38 - cmdstanpy - INFO - Chain [1] done processing
01:43:38 - cmdstanpy - INFO - Chain [1] start processing
01:43:38 - cmdstanpy - INFO - Chain [1] done processing
01:43:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:38 - cmdstanpy - INFO - Chain [1] start processing
01:43:39 - cmdstanpy - INFO - Chain [1] done processing
01:43:39 - cmdstanpy - INFO - Chain [1] start processing
01:43:39 - cmdstanpy - INFO - Chain [1] done processing
01:43:39 - cmdstanpy - INFO - Chain [1] start processing
01:43:39 - cmdstanpy - INFO - Chain [1] done processing
01:43:40 - cmdstanpy - INFO - Chain [1] start processing
01:43:40 - cmdstanpy - INFO - Chain [1] done processing
01:43:40 - cmdstanpy - INFO - Chain [1] start processing
01:43:40 - cmdstanpy - INFO - Chain [1] done processing
01:43:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:40 - cmdstanpy - INFO - Chain [1] start processing
01:43:40 - cmdstanpy - INFO - Chain [1] done processing
01:43:41 - cmdstanpy - INFO - Chain [1] start processing
01:43:41 - cmdstanpy - INFO - Chain [1] done processing
01:43:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:41 - cmdstanpy - INFO - Chain [1] start processing
01:43:41 - cmdstanpy - INFO - Chain [1] done processing
01:43:41 - cmdstanpy - INFO - Chain [1] start processing
01:43:41 - cmdstanpy - INFO - Chain [1] done processing
01:43:42 - cmdstanpy - INFO - Chain [1] start processing
01:43:42 - cmdstanpy - INFO - Chain [1] done processing
01:43:42 - cmdstanpy - INFO - Chain [1] start processing
01:43:42 - cmdstanpy - INFO - Chain [1] done processing
01:43:42 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:43:42 - cmdstanpy - INFO - Chain [1] done processing
01:43:43 - cmdstanpy - INFO - Chain [1] start processing
01:43:43 - cmdstanpy - INFO - Chain [1] done processing
01:43:43 - cmdstanpy - INFO - Chain [1] start processing
01:43:43 - cmdstanpy - INFO - Chain [1] done processing
01:43:43 - cmdstanpy - INFO - Chain [1] start processing
01:43:43 - cmdstanpy - INFO - Chain [1] done processing
01:43:44 - cmdstanpy - INFO - Chain [1] start processing
01:43:44 - cmdstanpy - INFO - Chain [1] done processing
01:43:44 - cmdstanpy - INFO - Chain [1] start processing
01:43:44 - cmdstanpy - INFO - Chain [1] done processing
01:43:44 - cmdstanpy - INFO - Chain [1] start processing
01:43:45 - cmdstanpy - INFO - Chain [1] done processing
01:43:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:45 - cmdstanpy - INFO - Chain [1] start processing
01:43:45 - cmdstanpy - INFO - Chain [1] done processing
01:43:45 - cmdstanpy - INFO - Chain [1] start processing
01:43:45 - cmdstanpy - INFO - Chain [1] done processing
01:43:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:45 - cmdstanpy - INFO - Chain [1] start processing
01:43:45 - cmdstanpy - INFO - Chain [1] done processing
01:43:46 - cmdstanpy - INFO - Chain [1] start processing
01:43:46 - cmdstanpy - INFO - Chain [1] done processing
01:43:46 - cmdstanpy - INFO - Chain [1] start processing
01:43:46 - cmdstanpy - INFO - Chain [1] done processing
01:43:46 - cmdstanpy - INFO - Chain [1] start processing
01:43:46 - cmdstanpy - INFO - Chain [1] done processing
01:43:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:43:46 - cmdstanpy - INFO - Chain [1] start processing
01:43:47 - cmdstanpy - INFO - Chain [1] done processing
01:43:47 - cmdstanpy - INFO - Chain [1] start processing
01:43:47 - cmdstanpy - INFO - Chain [1] done processing
01:43:47 - cmdstanpy - INFO - Chain [1] start processing
01:43:47 - cmdstanpy - INFO - Chain [1] done processing
01:43:48 - cmdstanpy - INFO - Chain [1] start processing
01:43:48 - cmdstanpy - INFO - Chain [1] done processing
01:43:48 - cmdstanpy - INFO - Chain [1] start processing
01:43:48 - cmdstanpy - INFO - Chain [1] done processing
01:43:48 - cmdstanpy - INFO - Chain [1] start processing
01:43:48 - cmdstanpy - INFO - Chain [1] done processing
01:43:49 - cmdstanpy - INFO - Chain [1] start processing
01:43:49 - cmdstanpy - INFO - Chain [1] done processing
01:43:49 - cmdstanpy - INFO - Chain [1] start processing
01:43:49 - cmdstanpy - INFO - Chain [1] done processing
01:43:50 - cmdstanpy - INFO - Chain [1] start processing
01:43:50 - cmdstanpy - INFO - Chain [1] done processing
01:43:50 - cmdstanpy - INFO - Chain [1] start processing
01:43:50 - cmdstanpy - INFO - Chain [1] done processing
01:43:50 - cmdstanpy - INFO - Chain [1] start processing
01:43:50 - cmdstanpy - INFO - Chain [1] done processing
01:43:51 - cmdstanpy - INFO - Chain [1] start processing
01:43:51 - cmdstanpy - INFO - Chain [1] done processing
01:43:51 - cmdstanpy - INFO - Chain [1] start processing
01:43:51 - cmdstanpy - INFO - Chain [1] done processing
01:43:51 - cmdstanpy - INFO - Chain [1] start processing
01:43:51 - cmdstanpy - INFO - Chain [1] done processing
01:43:52 - cmdstanpy - INFO - Chain [1] start processing
01:43:52 - cmdstanpy - INFO - Chain [1] done processing
01:43:52 - cmdstanpy - INFO - Chain [1] start processing
01:43:52 - cmdstanpy - INFO - Chain [1] done processing
01:43:52 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:43:52 - cmdstanpy - INFO - Chain [1] done processing
01:43:53 - cmdstanpy - INFO - Chain [1] start processing
01:43:53 - cmdstanpy - INFO - Chain [1] done processing
01:43:53 - cmdstanpy - INFO - Chain [1] start processing
01:43:53 - cmdstanpy - INFO - Chain [1] done processing
01:43:53 - cmdstanpy - INFO - Chain [1] start processing
01:43:53 - cmdstanpy - INFO - Chain [1] done processing
01:43:54 - cmdstanpy - INFO - Chain [1] start processing
01:43:54 - cmdstanpy - INFO - Chain [1] done processing
01:43:54 - cmdstanpy - INFO - Chain [1] start processing
01:43:54 - cmdstanpy - INFO - Chain [1] done processing
01:43:54 - cmdstanpy - INFO - Chain [1] start processing
01:43:54 - cmdstanpy - INFO - Chain [1] done processing
01:43:55 - cmdstanpy - INFO - Chain [1] start processing
01:43:55 - cmdstanpy - INFO - Chain [1] done processing
01:43:55 - cmdstanpy - INFO - Chain [1] start processing
01:43:55 - cmdstanpy - INFO - Chain [1] done processing
01:43:55 - cmdstanpy - INFO - Chain [1] start processing
01:43:55 - cmdstanpy - INFO - Chain [1] done processing
01:43:56 - cmdstanpy - INFO - Chain [1] start processing
01:43:56 - cmdstanpy - INFO - Chain [1] done processing
01:43:56 - cmdstanpy - INFO - Chain [1] start processing
01:43:56 - cmdstanpy - INFO - Chain [1] done processing
01:43:56 - cmdstanpy - INFO - Chain [1] start processing
01:43:56 - cmdstanpy - INFO - Chain [1] done processing
01:43:57 - cmdstanpy - INFO - Chain [1] start processing
01:43:57 - cmdstanpy - INFO - Chain [1] done processing
01:43:57 - cmdstanpy - INFO - Chain [1] start processing
01:43:57 - cmdstanpy - INFO - Chain [1] done processing
01:43:57 - cmdstanpy - INFO - Chain [1] start processing
01:43:57 - cmdstanpy - INFO - Chain [1] done processing
01:43:58 - cmdstanpy - INFO - Chain [1] start processing
01:43:58 - cmdstanpy - INFO - Chain [1] done processing
01:43:58 - cmdstanpy - INFO - Chain [1] start processing
01:43:58 - cmdstanpy - INFO - Chain [1] done processing
01:43:58 - cmdstanpy - INFO - Chain [1] start processing
01:43:58 - cmdstanpy - INFO - Chain [1] done processing
01:43:59 - cmdstanpy - INFO - Chain [1] start processing
01:43:59 - cmdstanpy - INFO - Chain [1] done processing
01:43:59 - cmdstanpy - INFO - Chain [1] start processing
01:43:59 - cmdstanpy - INFO - Chain [1] done processing
01:43:59 - cmdstanpy - INFO - Chain [1] start processing
01:43:59 - cmdstanpy - INFO - Chain [1] done processing
01:44:00 - cmdstanpy - INFO - Chain [1] start processing
01:44:00 - cmdstanpy - INFO - Chain [1] done processing
01:44:00 - cmdstanpy - INFO - Chain [1] start processing
01:44:00 - cmdstanpy - INFO - Chain [1] done processing
01:44:00 - cmdstanpy - INFO - Chain [1] start processing
01:44:00 - cmdstanpy - INFO - Chain [1] done processing
01:44:01 - cmdstanpy - INFO - Chain [1] start processing
01:44:01 - cmdstanpy - INFO - Chain [1] done processing
01:44:01 - cmdstanpy - INFO - Chain [1] start processing
01:44:01 - cmdstanpy - INFO - Chain [1] done processing
01:44:01 - cmdstanpy - INFO - Chain [1] start processing
01:44:01 - cmdstanpy - INFO - Chain [1] done processing
01:44:02 - cmdstanpy - INFO - Chain [1] start processing
01:44:02 - cmdstanpy - INFO - Chain [1] done processing
01:44:02 - cmdstanpy - INFO - Chain [1] start processing
01:44:02 - cmdstanpy - INFO - Chain [1] done processing
01:44:02 - cmdstanpy - INFO - Chain [1] start processing
01:44:02 - cmdstanpy - INFO - Chain [1] done processing
01:44:03 - cmdstanpy - INFO - Chain [1] start processing
01:44:03 - cmdstanpy - INFO - Chain [1] done processing
01:44:03 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:44:03 - cmdstanpy - INFO - Chain [1] done processing
01:44:03 - cmdstanpy - INFO - Chain [1] start processing
01:44:03 - cmdstanpy - INFO - Chain [1] done processing
01:44:04 - cmdstanpy - INFO - Chain [1] start processing
01:44:04 - cmdstanpy - INFO - Chain [1] done processing
01:44:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:04 - cmdstanpy - INFO - Chain [1] start processing
01:44:04 - cmdstanpy - INFO - Chain [1] done processing
01:44:04 - cmdstanpy - INFO - Chain [1] start processing
01:44:04 - cmdstanpy - INFO - Chain [1] done processing
01:44:05 - cmdstanpy - INFO - Chain [1] start processing
01:44:05 - cmdstanpy - INFO - Chain [1] done processing
01:44:05 - cmdstanpy - INFO - Chain [1] start processing
01:44:05 - cmdstanpy - INFO - Chain [1] done processing
01:44:05 - cmdstanpy - INFO - Chain [1] start processing
01:44:06 - cmdstanpy - INFO - Chain [1] done processing
01:44:06 - cmdstanpy - INFO - Chain [1] start processing
01:44:06 - cmdstanpy - INFO - Chain [1] done processing
01:44:06 - cmdstanpy - INFO - Chain [1] start processing
01:44:06 - cmdstanpy - INFO - Chain [1] done processing
01:44:07 - cmdstanpy - INFO - Chain [1] start processing
01:44:07 - cmdstanpy - INFO - Chain [1] done processing
01:44:07 - cmdstanpy - INFO - Chain [1] start processing
01:44:07 - cmdstanpy - INFO - Chain [1] done processing
01:44:07 - cmdstanpy - INFO - Chain [1] start processing
01:44:07 - cmdstanpy - INFO - Chain [1] done processing
01:44:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:07 - cmdstanpy - INFO - Chain [1] start processing
01:44:07 - cmdstanpy - INFO - Chain [1] done processing
01:44:08 - cmdstanpy - INFO - Chain [1] start processing
01:44:08 - cmdstanpy - INFO - Chain [1] done processing
01:44:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:08 - cmdstanpy - INFO - Chain [1] start processing
01:44:08 - cmdstanpy - INFO - Chain [1] done processing
01:44:08 - cmdstanpy - INFO - Chain [1] start processing
01:44:08 - cmdstanpy - INFO - Chain [1] done processing
01:44:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:09 - cmdstanpy - INFO - Chain [1] start processing
01:44:09 - cmdstanpy - INFO - Chain [1] done processing
01:44:09 - cmdstanpy - INFO - Chain [1] start processing
01:44:09 - cmdstanpy - INFO - Chain [1] done processing
01:44:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:09 - cmdstanpy - INFO - Chain [1] start processing
01:44:09 - cmdstanpy - INFO - Chain [1] done processing
01:44:10 - cmdstanpy - INFO - Chain [1] start processing
01:44:10 - cmdstanpy - INFO - Chain [1] done processing
01:44:10 - cmdstanpy - INFO - Chain [1] start processing
01:44:10 - cmdstanpy - INFO - Chain [1] done processing
01:44:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:10 - cmdstanpy - INFO - Chain [1] start processing
01:44:10 - cmdstanpy - INFO - Chain [1] done processing
01:44:11 - cmdstanpy - INFO - Chain [1] start processing
01:44:11 - cmdstanpy - INFO - Chain [1] done processing
01:44:11 - cmdstanpy - INFO - Chain [1] start processing
01:44:11 - cmdstanpy - INFO - Chain [1] done processing
01:44:11 - cmdstanpy - INFO - Chain [1] start processing
01:44:11 - cmdstanpy - INFO - Chain [1] done processing
01:44:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:44:11 - cmdstanpy - INFO - Chain [1] start processing
01:44:12 - cmdstanpy - INFO - Chain [1] done processing
01:44:12 - cmdstanpy - INFO - Chain [1] start processing
01:44:12 - cmdstanpy - INFO - Chain [1] done processing
01:44:12 - cmdstanpy - INFO - Chain [1] start processing
01:44:12 - cmdstanpy - INFO - Chain [1] done processing
01:44:13 - cmdstanpy - INFO - Chain [1] start processing
01:44:13 - cmdstanpy - INFO - Chain [1] done processing
01:44:13 - cmdstanpy - INFO - Chain [1] start processing
01:44:13 - cmdstanpy - INFO - Chain [1] done processing
01:44:13 - cmdstanpy - INFO - Chain [1] start processing
01:44:13 - cmdstanpy - INFO - Chain [1] done processing
01:44:14 - cmdstanpy - INFO - Chain [1] start processing
01:44:14 - cmdstanpy - INFO - Chain [1] done processing
01:44:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:14 - cmdstanpy - INFO - Chain [1] start processing
01:44:14 - cmdstanpy - INFO - Chain [1] done processing
01:44:14 - cmdstanpy - INFO - Chain [1] start processing
01:44:14 - cmdstanpy - INFO - Chain [1] done processing
01:44:15 - cmdstanpy - INFO - Chain [1] start processing
01:44:15 - cmdstanpy - INFO - Chain [1] done processing
01:44:15 - cmdstanpy - INFO - Chain [1] start processing
01:44:15 - cmdstanpy - INFO - Chain [1] done processing
01:44:15 - cmdstanpy - INFO - Chain [1] start processing
01:44:16 - cmdstanpy - INFO - Chain [1] done processing
01:44:16 - cmdstanpy - INFO - Chain [1] start processing
01:44:16 - cmdstanpy - INFO - Chain [1] done processing
01:44:16 - cmdstanpy - INFO - Chain [1] start processing
01:44:16 - cmdstanpy - INFO - Chain [1] done processing
01:44:17 - cmdstanpy - INFO - Chain [1] start processing
01:44:17 - cmdstanpy - INFO - Chain [1] done processing
01:44:17 - cmdstanpy - INFO - Chain [1] start processing
01:44:17 - cmdstanpy - INFO - Chain [1] done processing
01:44:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:17 - cmdstanpy - INFO - Chain [1] start processing
01:44:17 - cmdstanpy - INFO - Chain [1] done processing
01:44:18 - cmdstanpy - INFO - Chain [1] start processing
01:44:18 - cmdstanpy - INFO - Chain [1] done processing
01:44:18 - cmdstanpy - INFO - Chain [1] start processing
01:44:18 - cmdstanpy - INFO - Chain [1] done processing
01:44:18 - cmdstanpy - INFO - Chain [1] start processing
01:44:18 - cmdstanpy - INFO - Chain [1] done processing
01:44:19 - cmdstanpy - INFO - Chain [1] start processing
01:44:19 - cmdstanpy - INFO - Chain [1] done processing
01:44:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:19 - cmdstanpy - INFO - Chain [1] start processing
01:44:19 - cmdstanpy - INFO - Chain [1] done processing
01:44:19 - cmdstanpy - INFO - Chain [1] start processing
01:44:20 - cmdstanpy - INFO - Chain [1] done processing
01:44:20 - cmdstanpy - INFO - Chain [1] start processing
01:44:20 - cmdstanpy - INFO - Chain [1] done processing
01:44:20 - cmdstanpy - INFO - Chain [1] start processing
01:44:20 - cmdstanpy - INFO - Chain [1] done processing
01:44:21 - cmdstanpy - INFO - Chain [1] start processing
01:44:21 - cmdstanpy - INFO - Chain [1] done processing
01:44:21 - cmdstanpy - INFO - Chain [1] start processing
01:44:21 - cmdstanpy - INFO - Chain [1] done processing
01:44:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:21 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:44:21 - cmdstanpy - INFO - Chain [1] done processing
01:44:22 - cmdstanpy - INFO - Chain [1] start processing
01:44:22 - cmdstanpy - INFO - Chain [1] done processing
01:44:22 - cmdstanpy - INFO - Chain [1] start processing
01:44:22 - cmdstanpy - INFO - Chain [1] done processing
01:44:22 - cmdstanpy - INFO - Chain [1] start processing
01:44:22 - cmdstanpy - INFO - Chain [1] done processing
01:44:23 - cmdstanpy - INFO - Chain [1] start processing
01:44:23 - cmdstanpy - INFO - Chain [1] done processing
01:44:23 - cmdstanpy - INFO - Chain [1] start processing
01:44:23 - cmdstanpy - INFO - Chain [1] done processing
01:44:23 - cmdstanpy - INFO - Chain [1] start processing
01:44:23 - cmdstanpy - INFO - Chain [1] done processing
01:44:24 - cmdstanpy - INFO - Chain [1] start processing
01:44:24 - cmdstanpy - INFO - Chain [1] done processing
01:44:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:24 - cmdstanpy - INFO - Chain [1] start processing
01:44:24 - cmdstanpy - INFO - Chain [1] done processing
01:44:24 - cmdstanpy - INFO - Chain [1] start processing
01:44:24 - cmdstanpy - INFO - Chain [1] done processing
01:44:25 - cmdstanpy - INFO - Chain [1] start processing
01:44:25 - cmdstanpy - INFO - Chain [1] done processing
01:44:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:25 - cmdstanpy - INFO - Chain [1] start processing
01:44:25 - cmdstanpy - INFO - Chain [1] done processing
01:44:26 - cmdstanpy - INFO - Chain [1] start processing
01:44:26 - cmdstanpy - INFO - Chain [1] done processing
01:44:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:26 - cmdstanpy - INFO - Chain [1] start processing
01:44:26 - cmdstanpy - INFO - Chain [1] done processing
01:44:26 - cmdstanpy - INFO - Chain [1] start processing
01:44:26 - cmdstanpy - INFO - Chain [1] done processing
01:44:26 - cmdstanpy - INFO - Chain [1] start processing
01:44:27 - cmdstanpy - INFO - Chain [1] done processing
01:44:27 - cmdstanpy - INFO - Chain [1] start processing
01:44:27 - cmdstanpy - INFO - Chain [1] done processing
01:44:27 - cmdstanpy - INFO - Chain [1] start processing
01:44:27 - cmdstanpy - INFO - Chain [1] done processing
01:44:28 - cmdstanpy - INFO - Chain [1] start processing
01:44:28 - cmdstanpy - INFO - Chain [1] done processing
01:44:28 - cmdstanpy - INFO - Chain [1] start processing
01:44:28 - cmdstanpy - INFO - Chain [1] done processing
01:44:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:28 - cmdstanpy - INFO - Chain [1] start processing
01:44:28 - cmdstanpy - INFO - Chain [1] done processing
01:44:29 - cmdstanpy - INFO - Chain [1] start processing
01:44:29 - cmdstanpy - INFO - Chain [1] done processing
01:44:29 - cmdstanpy - INFO - Chain [1] start processing
01:44:29 - cmdstanpy - INFO - Chain [1] done processing
01:44:29 - cmdstanpy - INFO - Chain [1] start processing
01:44:29 - cmdstanpy - INFO - Chain [1] done processing
01:44:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:29 - cmdstanpy - INFO - Chain [1] start processing
01:44:30 - cmdstanpy - INFO - Chain [1] done processing
01:44:30 - cmdstanpy - INFO - Chain [1] start processing
01:44:30 - cmdstanpy - INFO - Chain [1] done processing
01:44:30 - cmdstanpy - INFO - Chain [1] start processing
01:44:30 - cmdstanpy - INFO - Chain [1] done processing
01:44:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:44:31 - cmdstanpy - INFO - Chain [1] done processing
01:44:31 - cmdstanpy - INFO - Chain [1] start processing
01:44:31 - cmdstanpy - INFO - Chain [1] done processing
01:44:31 - cmdstanpy - INFO - Chain [1] start processing
01:44:31 - cmdstanpy - INFO - Chain [1] done processing
01:44:32 - cmdstanpy - INFO - Chain [1] start processing
01:44:32 - cmdstanpy - INFO - Chain [1] done processing
01:44:32 - cmdstanpy - INFO - Chain [1] start processing
01:44:32 - cmdstanpy - INFO - Chain [1] done processing
01:44:33 - cmdstanpy - INFO - Chain [1] start processing
01:44:33 - cmdstanpy - INFO - Chain [1] done processing
01:44:33 - cmdstanpy - INFO - Chain [1] start processing
01:44:33 - cmdstanpy - INFO - Chain [1] done processing
01:44:33 - cmdstanpy - INFO - Chain [1] start processing
01:44:33 - cmdstanpy - INFO - Chain [1] done processing
01:44:34 - cmdstanpy - INFO - Chain [1] start processing
01:44:34 - cmdstanpy - INFO - Chain [1] done processing
01:44:34 - cmdstanpy - INFO - Chain [1] start processing
01:44:34 - cmdstanpy - INFO - Chain [1] done processing
01:44:34 - cmdstanpy - INFO - Chain [1] start processing
01:44:35 - cmdstanpy - INFO - Chain [1] done processing
01:44:35 - cmdstanpy - INFO - Chain [1] start processing
01:44:35 - cmdstanpy - INFO - Chain [1] done processing
01:44:35 - cmdstanpy - INFO - Chain [1] start processing
01:44:35 - cmdstanpy - INFO - Chain [1] done processing
01:44:36 - cmdstanpy - INFO - Chain [1] start processing
01:44:36 - cmdstanpy - INFO - Chain [1] done processing
01:44:36 - cmdstanpy - INFO - Chain [1] start processing
01:44:36 - cmdstanpy - INFO - Chain [1] done processing
01:44:36 - cmdstanpy - INFO - Chain [1] start processing
01:44:36 - cmdstanpy - INFO - Chain [1] done processing
01:44:37 - cmdstanpy - INFO - Chain [1] start processing
01:44:37 - cmdstanpy - INFO - Chain [1] done processing
01:44:37 - cmdstanpy - INFO - Chain [1] start processing
01:44:37 - cmdstanpy - INFO - Chain [1] done processing
01:44:37 - cmdstanpy - INFO - Chain [1] start processing
01:44:37 - cmdstanpy - INFO - Chain [1] done processing
01:44:38 - cmdstanpy - INFO - Chain [1] start processing
01:44:38 - cmdstanpy - INFO - Chain [1] done processing
01:44:38 - cmdstanpy - INFO - Chain [1] start processing
01:44:38 - cmdstanpy - INFO - Chain [1] done processing
01:44:38 - cmdstanpy - INFO - Chain [1] start processing
01:44:39 - cmdstanpy - INFO - Chain [1] done processing
01:44:39 - cmdstanpy - INFO - Chain [1] start processing
01:44:39 - cmdstanpy - INFO - Chain [1] done processing
01:44:39 - cmdstanpy - INFO - Chain [1] start processing
01:44:40 - cmdstanpy - INFO - Chain [1] done processing
01:44:40 - cmdstanpy - INFO - Chain [1] start processing
01:44:40 - cmdstanpy - INFO - Chain [1] done processing
01:44:40 - cmdstanpy - INFO - Chain [1] start processing
01:44:40 - cmdstanpy - INFO - Chain [1] done processing
01:44:41 - cmdstanpy - INFO - Chain [1] start processing
01:44:41 - cmdstanpy - INFO - Chain [1] done processing
01:44:41 - cmdstanpy - INFO - Chain [1] start processing
01:44:41 - cmdstanpy - INFO - Chain [1] done processing
01:44:41 - cmdstanpy - INFO - Chain [1] start processing
01:44:41 - cmdstanpy - INFO - Chain [1] done processing
01:44:42 - cmdstanpy - INFO - Chain [1] start processing
01:44:42 - cmdstanpy - INFO - Chain [1] done processing
01:44:42 - cmdstanpy - INFO - Chain [1] start processing
01:44:42 - cmdstanpy - INFO - Chain [1] done processing
01:44:42 - cmdstanpy - INFO - Chain [1] start processing
01:44:42 - cmdstanpy - INFO - Chain [1] done processing
01:44:43 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:44:43 - cmdstanpy - INFO - Chain [1] done processing
01:44:43 - cmdstanpy - INFO - Chain [1] start processing
01:44:43 - cmdstanpy - INFO - Chain [1] done processing
01:44:43 - cmdstanpy - INFO - Chain [1] start processing
01:44:44 - cmdstanpy - INFO - Chain [1] done processing
01:44:44 - cmdstanpy - INFO - Chain [1] start processing
01:44:44 - cmdstanpy - INFO - Chain [1] done processing
01:44:44 - cmdstanpy - INFO - Chain [1] start processing
01:44:44 - cmdstanpy - INFO - Chain [1] done processing
01:44:45 - cmdstanpy - INFO - Chain [1] start processing
01:44:45 - cmdstanpy - INFO - Chain [1] done processing
01:44:45 - cmdstanpy - INFO - Chain [1] start processing
01:44:45 - cmdstanpy - INFO - Chain [1] done processing
01:44:45 - cmdstanpy - INFO - Chain [1] start processing
01:44:45 - cmdstanpy - INFO - Chain [1] done processing
01:44:46 - cmdstanpy - INFO - Chain [1] start processing
01:44:46 - cmdstanpy - INFO - Chain [1] done processing
01:44:46 - cmdstanpy - INFO - Chain [1] start processing
01:44:46 - cmdstanpy - INFO - Chain [1] done processing
01:44:46 - cmdstanpy - INFO - Chain [1] start processing
01:44:46 - cmdstanpy - INFO - Chain [1] done processing
01:44:47 - cmdstanpy - INFO - Chain [1] start processing
01:44:47 - cmdstanpy - INFO - Chain [1] done processing
01:44:47 - cmdstanpy - INFO - Chain [1] start processing
01:44:47 - cmdstanpy - INFO - Chain [1] done processing
01:44:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:47 - cmdstanpy - INFO - Chain [1] start processing
01:44:47 - cmdstanpy - INFO - Chain [1] done processing
01:44:48 - cmdstanpy - INFO - Chain [1] start processing
01:44:48 - cmdstanpy - INFO - Chain [1] done processing
01:44:48 - cmdstanpy - INFO - Chain [1] start processing
01:44:48 - cmdstanpy - INFO - Chain [1] done processing
01:44:48 - cmdstanpy - INFO - Chain [1] start processing
01:44:49 - cmdstanpy - INFO - Chain [1] done processing
01:44:49 - cmdstanpy - INFO - Chain [1] start processing
01:44:49 - cmdstanpy - INFO - Chain [1] done processing
01:44:49 - cmdstanpy - INFO - Chain [1] start processing
01:44:49 - cmdstanpy - INFO - Chain [1] done processing
01:44:50 - cmdstanpy - INFO - Chain [1] start processing
01:44:50 - cmdstanpy - INFO - Chain [1] done processing
01:44:50 - cmdstanpy - INFO - Chain [1] start processing
01:44:50 - cmdstanpy - INFO - Chain [1] done processing
01:44:50 - cmdstanpy - INFO - Chain [1] start processing
01:44:50 - cmdstanpy - INFO - Chain [1] done processing
01:44:51 - cmdstanpy - INFO - Chain [1] start processing
01:44:51 - cmdstanpy - INFO - Chain [1] done processing
01:44:51 - cmdstanpy - INFO - Chain [1] start processing
01:44:51 - cmdstanpy - INFO - Chain [1] done processing
01:44:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:51 - cmdstanpy - INFO - Chain [1] start processing
01:44:51 - cmdstanpy - INFO - Chain [1] done processing
01:44:52 - cmdstanpy - INFO - Chain [1] start processing
01:44:52 - cmdstanpy - INFO - Chain [1] done processing
01:44:52 - cmdstanpy - INFO - Chain [1] start processing
01:44:52 - cmdstanpy - INFO - Chain [1] done processing
01:44:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:52 - cmdstanpy - INFO - Chain [1] start processing
01:44:52 - cmdstanpy - INFO - Chain [1] done processing
01:44:52 - cmdstanpy - INFO - Chain [1] start processing
01:44:52 - cmdstanpy - INFO - Chain [1] done processing
01:44:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:44:53 - cmdstanpy - INFO - Chain [1] done processing
01:44:53 - cmdstanpy - INFO - Chain [1] start processing
01:44:53 - cmdstanpy - INFO - Chain [1] done processing
01:44:53 - cmdstanpy - INFO - Chain [1] start processing
01:44:54 - cmdstanpy - INFO - Chain [1] done processing
01:44:54 - cmdstanpy - INFO - Chain [1] start processing
01:44:54 - cmdstanpy - INFO - Chain [1] done processing
01:44:54 - cmdstanpy - INFO - Chain [1] start processing
01:44:54 - cmdstanpy - INFO - Chain [1] done processing
01:44:55 - cmdstanpy - INFO - Chain [1] start processing
01:44:55 - cmdstanpy - INFO - Chain [1] done processing
01:44:55 - cmdstanpy - INFO - Chain [1] start processing
01:44:55 - cmdstanpy - INFO - Chain [1] done processing
01:44:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:55 - cmdstanpy - INFO - Chain [1] start processing
01:44:55 - cmdstanpy - INFO - Chain [1] done processing
01:44:56 - cmdstanpy - INFO - Chain [1] start processing
01:44:56 - cmdstanpy - INFO - Chain [1] done processing
01:44:56 - cmdstanpy - INFO - Chain [1] start processing
01:44:56 - cmdstanpy - INFO - Chain [1] done processing
01:44:56 - cmdstanpy - INFO - Chain [1] start processing
01:44:56 - cmdstanpy - INFO - Chain [1] done processing
01:44:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:56 - cmdstanpy - INFO - Chain [1] start processing
01:44:57 - cmdstanpy - INFO - Chain [1] done processing
01:44:57 - cmdstanpy - INFO - Chain [1] start processing
01:44:57 - cmdstanpy - INFO - Chain [1] done processing
01:44:57 - cmdstanpy - INFO - Chain [1] start processing
01:44:57 - cmdstanpy - INFO - Chain [1] done processing
01:44:58 - cmdstanpy - INFO - Chain [1] start processing
01:44:58 - cmdstanpy - INFO - Chain [1] done processing
01:44:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:58 - cmdstanpy - INFO - Chain [1] start processing
01:44:58 - cmdstanpy - INFO - Chain [1] done processing
01:44:58 - cmdstanpy - INFO - Chain [1] start processing
01:44:58 - cmdstanpy - INFO - Chain [1] done processing
01:44:59 - cmdstanpy - INFO - Chain [1] start processing
01:44:59 - cmdstanpy - INFO - Chain [1] done processing
01:44:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:44:59 - cmdstanpy - INFO - Chain [1] start processing
01:44:59 - cmdstanpy - INFO - Chain [1] done processing
01:44:59 - cmdstanpy - INFO - Chain [1] start processing
01:44:59 - cmdstanpy - INFO - Chain [1] done processing
01:45:00 - cmdstanpy - INFO - Chain [1] start processing
01:45:00 - cmdstanpy - INFO - Chain [1] done processing
01:45:00 - cmdstanpy - INFO - Chain [1] start processing
01:45:00 - cmdstanpy - INFO - Chain [1] done processing
01:45:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:00 - cmdstanpy - INFO - Chain [1] start processing
01:45:00 - cmdstanpy - INFO - Chain [1] done processing
01:45:01 - cmdstanpy - INFO - Chain [1] start processing
01:45:01 - cmdstanpy - INFO - Chain [1] done processing
01:45:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:01 - cmdstanpy - INFO - Chain [1] start processing
01:45:01 - cmdstanpy - INFO - Chain [1] done processing
01:45:01 - cmdstanpy - INFO - Chain [1] start processing
01:45:02 - cmdstanpy - INFO - Chain [1] done processing
01:45:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:45:02 - cmdstanpy - INFO - Chain [1] start processing
01:45:02 - cmdstanpy - INFO - Chain [1] done processing
01:45:02 - cmdstanpy - INFO - Chain [1] start processing
01:45:02 - cmdstanpy - INFO - Chain [1] done processing
01:45:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:02 - cmdstanpy - INFO - Chain [1] start processing
01:45:03 - cmdstanpy - INFO - Chain [1] done processing
01:45:03 - cmdstanpy - INFO - Chain [1] start processing
01:45:03 - cmdstanpy - INFO - Chain [1] done processing
01:45:03 - cmdstanpy - INFO - Chain [1] start processing
01:45:03 - cmdstanpy - INFO - Chain [1] done processing
01:45:04 - cmdstanpy - INFO - Chain [1] start processing
01:45:04 - cmdstanpy - INFO - Chain [1] done processing
01:45:04 - cmdstanpy - INFO - Chain [1] start processing
01:45:04 - cmdstanpy - INFO - Chain [1] done processing
01:45:04 - cmdstanpy - INFO - Chain [1] start processing
01:45:05 - cmdstanpy - INFO - Chain [1] done processing
01:45:05 - cmdstanpy - INFO - Chain [1] start processing
01:45:05 - cmdstanpy - INFO - Chain [1] done processing
01:45:05 - cmdstanpy - INFO - Chain [1] start processing
01:45:05 - cmdstanpy - INFO - Chain [1] done processing
01:45:05 - cmdstanpy - INFO - Chain [1] start processing
01:45:05 - cmdstanpy - INFO - Chain [1] done processing
01:45:06 - cmdstanpy - INFO - Chain [1] start processing
01:45:06 - cmdstanpy - INFO - Chain [1] done processing
01:45:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:06 - cmdstanpy - INFO - Chain [1] start processing
01:45:06 - cmdstanpy - INFO - Chain [1] done processing
01:45:06 - cmdstanpy - INFO - Chain [1] start processing
01:45:06 - cmdstanpy - INFO - Chain [1] done processing
01:45:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:06 - cmdstanpy - INFO - Chain [1] start processing
01:45:07 - cmdstanpy - INFO - Chain [1] done processing
01:45:07 - cmdstanpy - INFO - Chain [1] start processing
01:45:07 - cmdstanpy - INFO - Chain [1] done processing
01:45:07 - cmdstanpy - INFO - Chain [1] start processing
01:45:07 - cmdstanpy - INFO - Chain [1] done processing
01:45:07 - cmdstanpy - INFO - Chain [1] start processing
01:45:08 - cmdstanpy - INFO - Chain [1] done processing
01:45:08 - cmdstanpy - INFO - Chain [1] start processing
01:45:08 - cmdstanpy - INFO - Chain [1] done processing
01:45:08 - cmdstanpy - INFO - Chain [1] start processing
01:45:08 - cmdstanpy - INFO - Chain [1] done processing
01:45:09 - cmdstanpy - INFO - Chain [1] start processing
01:45:09 - cmdstanpy - INFO - Chain [1] done processing
01:45:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:09 - cmdstanpy - INFO - Chain [1] start processing
01:45:09 - cmdstanpy - INFO - Chain [1] done processing
01:45:09 - cmdstanpy - INFO - Chain [1] start processing
01:45:09 - cmdstanpy - INFO - Chain [1] done processing
01:45:10 - cmdstanpy - INFO - Chain [1] start processing
01:45:10 - cmdstanpy - INFO - Chain [1] done processing
01:45:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:10 - cmdstanpy - INFO - Chain [1] start processing
01:45:10 - cmdstanpy - INFO - Chain [1] done processing
01:45:10 - cmdstanpy - INFO - Chain [1] start processing
01:45:10 - cmdstanpy - INFO - Chain [1] done processing
01:45:11 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:45:11 - cmdstanpy - INFO - Chain [1] done processing
01:45:11 - cmdstanpy - INFO - Chain [1] start processing
01:45:11 - cmdstanpy - INFO - Chain [1] done processing
01:45:11 - cmdstanpy - INFO - Chain [1] start processing
01:45:11 - cmdstanpy - INFO - Chain [1] done processing
01:45:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:11 - cmdstanpy - INFO - Chain [1] start processing
01:45:11 - cmdstanpy - INFO - Chain [1] done processing
01:45:12 - cmdstanpy - INFO - Chain [1] start processing
01:45:12 - cmdstanpy - INFO - Chain [1] done processing
01:45:12 - cmdstanpy - INFO - Chain [1] start processing
01:45:12 - cmdstanpy - INFO - Chain [1] done processing
01:45:12 - cmdstanpy - INFO - Chain [1] start processing
01:45:12 - cmdstanpy - INFO - Chain [1] done processing
01:45:13 - cmdstanpy - INFO - Chain [1] start processing
01:45:13 - cmdstanpy - INFO - Chain [1] done processing
01:45:13 - cmdstanpy - INFO - Chain [1] start processing
01:45:13 - cmdstanpy - INFO - Chain [1] done processing
01:45:13 - cmdstanpy - INFO - Chain [1] start processing
01:45:14 - cmdstanpy - INFO - Chain [1] done processing
01:45:14 - cmdstanpy - INFO - Chain [1] start processing
01:45:14 - cmdstanpy - INFO - Chain [1] done processing
01:45:14 - cmdstanpy - INFO - Chain [1] start processing
01:45:14 - cmdstanpy - INFO - Chain [1] done processing
01:45:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:14 - cmdstanpy - INFO - Chain [1] start processing
01:45:15 - cmdstanpy - INFO - Chain [1] done processing
01:45:15 - cmdstanpy - INFO - Chain [1] start processing
01:45:15 - cmdstanpy - INFO - Chain [1] done processing
01:45:15 - cmdstanpy - INFO - Chain [1] start processing
01:45:15 - cmdstanpy - INFO - Chain [1] done processing
01:45:16 - cmdstanpy - INFO - Chain [1] start processing
01:45:16 - cmdstanpy - INFO - Chain [1] done processing
01:45:16 - cmdstanpy - INFO - Chain [1] start processing
01:45:16 - cmdstanpy - INFO - Chain [1] done processing
01:45:16 - cmdstanpy - INFO - Chain [1] start processing
01:45:17 - cmdstanpy - INFO - Chain [1] done processing
01:45:17 - cmdstanpy - INFO - Chain [1] start processing
01:45:17 - cmdstanpy - INFO - Chain [1] done processing
01:45:17 - cmdstanpy - INFO - Chain [1] start processing
01:45:17 - cmdstanpy - INFO - Chain [1] done processing
01:45:17 - cmdstanpy - INFO - Chain [1] start processing
01:45:18 - cmdstanpy - INFO - Chain [1] done processing
01:45:18 - cmdstanpy - INFO - Chain [1] start processing
01:45:18 - cmdstanpy - INFO - Chain [1] done processing
01:45:18 - cmdstanpy - INFO - Chain [1] start processing
01:45:18 - cmdstanpy - INFO - Chain [1] done processing
01:45:19 - cmdstanpy - INFO - Chain [1] start processing
01:45:19 - cmdstanpy - INFO - Chain [1] done processing
01:45:19 - cmdstanpy - INFO - Chain [1] start processing
01:45:19 - cmdstanpy - INFO - Chain [1] done processing
01:45:19 - cmdstanpy - INFO - Chain [1] start processing
01:45:19 - cmdstanpy - INFO - Chain [1] done processing
01:45:20 - cmdstanpy - INFO - Chain [1] start processing
01:45:20 - cmdstanpy - INFO - Chain [1] done processing
01:45:20 - cmdstanpy - INFO - Chain [1] start processing
01:45:20 - cmdstanpy - INFO - Chain [1] done processing
01:45:20 - cmdstanpy - INFO - Chain [1] start processing
01:45:21 - cmdstanpy - INFO - Chain [1] done processing
01:45:21 - cmdstanpy - INFO - Chain [1] start processing
01:45:21 - cmdstanpy - INFO - Chain [1] done processing
01:45:21 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:45:21 - cmdstanpy - INFO - Chain [1] done processing
01:45:22 - cmdstanpy - INFO - Chain [1] start processing
01:45:22 - cmdstanpy - INFO - Chain [1] done processing
01:45:22 - cmdstanpy - INFO - Chain [1] start processing
01:45:22 - cmdstanpy - INFO - Chain [1] done processing
01:45:22 - cmdstanpy - INFO - Chain [1] start processing
01:45:22 - cmdstanpy - INFO - Chain [1] done processing
01:45:23 - cmdstanpy - INFO - Chain [1] start processing
01:45:23 - cmdstanpy - INFO - Chain [1] done processing
01:45:23 - cmdstanpy - INFO - Chain [1] start processing
01:45:23 - cmdstanpy - INFO - Chain [1] done processing
01:45:23 - cmdstanpy - INFO - Chain [1] start processing
01:45:24 - cmdstanpy - INFO - Chain [1] done processing
01:45:24 - cmdstanpy - INFO - Chain [1] start processing
01:45:24 - cmdstanpy - INFO - Chain [1] done processing
01:45:24 - cmdstanpy - INFO - Chain [1] start processing
01:45:24 - cmdstanpy - INFO - Chain [1] done processing
01:45:25 - cmdstanpy - INFO - Chain [1] start processing
01:45:25 - cmdstanpy - INFO - Chain [1] done processing
01:45:25 - cmdstanpy - INFO - Chain [1] start processing
01:45:25 - cmdstanpy - INFO - Chain [1] done processing
01:45:25 - cmdstanpy - INFO - Chain [1] start processing
01:45:26 - cmdstanpy - INFO - Chain [1] done processing
01:45:26 - cmdstanpy - INFO - Chain [1] start processing
01:45:26 - cmdstanpy - INFO - Chain [1] done processing
01:45:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:26 - cmdstanpy - INFO - Chain [1] start processing
01:45:26 - cmdstanpy - INFO - Chain [1] done processing
01:45:26 - cmdstanpy - INFO - Chain [1] start processing
01:45:27 - cmdstanpy - INFO - Chain [1] done processing
01:45:27 - cmdstanpy - INFO - Chain [1] start processing
01:45:27 - cmdstanpy - INFO - Chain [1] done processing
01:45:27 - cmdstanpy - INFO - Chain [1] start processing
01:45:27 - cmdstanpy - INFO - Chain [1] done processing
01:45:28 - cmdstanpy - INFO - Chain [1] start processing
01:45:28 - cmdstanpy - INFO - Chain [1] done processing
01:45:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:28 - cmdstanpy - INFO - Chain [1] start processing
01:45:28 - cmdstanpy - INFO - Chain [1] done processing
01:45:28 - cmdstanpy - INFO - Chain [1] start processing
01:45:28 - cmdstanpy - INFO - Chain [1] done processing
01:45:29 - cmdstanpy - INFO - Chain [1] start processing
01:45:29 - cmdstanpy - INFO - Chain [1] done processing
01:45:29 - cmdstanpy - INFO - Chain [1] start processing
01:45:29 - cmdstanpy - INFO - Chain [1] done processing
01:45:30 - cmdstanpy - INFO - Chain [1] start processing
01:45:30 - cmdstanpy - INFO - Chain [1] done processing
01:45:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:30 - cmdstanpy - INFO - Chain [1] start processing
01:45:30 - cmdstanpy - INFO - Chain [1] done processing
01:45:30 - cmdstanpy - INFO - Chain [1] start processing
01:45:30 - cmdstanpy - INFO - Chain [1] done processing
01:45:30 - cmdstanpy - INFO - Chain [1] start processing
01:45:31 - cmdstanpy - INFO - Chain [1] done processing
01:45:31 - cmdstanpy - INFO - Chain [1] start processing
01:45:31 - cmdstanpy - INFO - Chain [1] done processing
01:45:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:31 - cmdstanpy - INFO - Chain [1] start processing
01:45:31 - cmdstanpy - INFO - Chain [1] done processing
01:45:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:45:32 - cmdstanpy - INFO - Chain [1] done processing
01:45:32 - cmdstanpy - INFO - Chain [1] start processing
01:45:32 - cmdstanpy - INFO - Chain [1] done processing
01:45:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:32 - cmdstanpy - INFO - Chain [1] start processing
01:45:32 - cmdstanpy - INFO - Chain [1] done processing
01:45:32 - cmdstanpy - INFO - Chain [1] start processing
01:45:33 - cmdstanpy - INFO - Chain [1] done processing
01:45:33 - cmdstanpy - INFO - Chain [1] start processing
01:45:33 - cmdstanpy - INFO - Chain [1] done processing
01:45:33 - cmdstanpy - INFO - Chain [1] start processing
01:45:33 - cmdstanpy - INFO - Chain [1] done processing
01:45:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:33 - cmdstanpy - INFO - Chain [1] start processing
01:45:33 - cmdstanpy - INFO - Chain [1] done processing
01:45:34 - cmdstanpy - INFO - Chain [1] start processing
01:45:34 - cmdstanpy - INFO - Chain [1] done processing
01:45:34 - cmdstanpy - INFO - Chain [1] start processing
01:45:34 - cmdstanpy - INFO - Chain [1] done processing
01:45:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:34 - cmdstanpy - INFO - Chain [1] start processing
01:45:35 - cmdstanpy - INFO - Chain [1] done processing
01:45:35 - cmdstanpy - INFO - Chain [1] start processing
01:45:35 - cmdstanpy - INFO - Chain [1] done processing
01:45:35 - cmdstanpy - INFO - Chain [1] start processing
01:45:35 - cmdstanpy - INFO - Chain [1] done processing
01:45:36 - cmdstanpy - INFO - Chain [1] start processing
01:45:36 - cmdstanpy - INFO - Chain [1] done processing
01:45:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:36 - cmdstanpy - INFO - Chain [1] start processing
01:45:36 - cmdstanpy - INFO - Chain [1] done processing
01:45:36 - cmdstanpy - INFO - Chain [1] start processing
01:45:36 - cmdstanpy - INFO - Chain [1] done processing
01:45:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:36 - cmdstanpy - INFO - Chain [1] start processing
01:45:37 - cmdstanpy - INFO - Chain [1] done processing
01:45:37 - cmdstanpy - INFO - Chain [1] start processing
01:45:37 - cmdstanpy - INFO - Chain [1] done processing
01:45:37 - cmdstanpy - INFO - Chain [1] start processing
01:45:37 - cmdstanpy - INFO - Chain [1] done processing
01:45:38 - cmdstanpy - INFO - Chain [1] start processing
01:45:38 - cmdstanpy - INFO - Chain [1] done processing
01:45:38 - cmdstanpy - INFO - Chain [1] start processing
01:45:38 - cmdstanpy - INFO - Chain [1] done processing
01:45:38 - cmdstanpy - INFO - Chain [1] start processing
01:45:38 - cmdstanpy - INFO - Chain [1] done processing
01:45:39 - cmdstanpy - INFO - Chain [1] start processing
01:45:39 - cmdstanpy - INFO - Chain [1] done processing
01:45:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:39 - cmdstanpy - INFO - Chain [1] start processing
01:45:39 - cmdstanpy - INFO - Chain [1] done processing
01:45:39 - cmdstanpy - INFO - Chain [1] start processing
01:45:40 - cmdstanpy - INFO - Chain [1] done processing
01:45:40 - cmdstanpy - INFO - Chain [1] start processing
01:45:40 - cmdstanpy - INFO - Chain [1] done processing
01:45:40 - cmdstanpy - INFO - Chain [1] start processing
01:45:40 - cmdstanpy - INFO - Chain [1] done processing
01:45:41 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:45:41 - cmdstanpy - INFO - Chain [1] done processing
01:45:41 - cmdstanpy - INFO - Chain [1] start processing
01:45:41 - cmdstanpy - INFO - Chain [1] done processing
01:45:41 - cmdstanpy - INFO - Chain [1] start processing
01:45:41 - cmdstanpy - INFO - Chain [1] done processing
01:45:42 - cmdstanpy - INFO - Chain [1] start processing
01:45:42 - cmdstanpy - INFO - Chain [1] done processing
01:45:42 - cmdstanpy - INFO - Chain [1] start processing
01:45:42 - cmdstanpy - INFO - Chain [1] done processing
01:45:42 - cmdstanpy - INFO - Chain [1] start processing
01:45:42 - cmdstanpy - INFO - Chain [1] done processing
01:45:43 - cmdstanpy - INFO - Chain [1] start processing
01:45:43 - cmdstanpy - INFO - Chain [1] done processing
01:45:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:43 - cmdstanpy - INFO - Chain [1] start processing
01:45:43 - cmdstanpy - INFO - Chain [1] done processing
01:45:44 - cmdstanpy - INFO - Chain [1] start processing
01:45:44 - cmdstanpy - INFO - Chain [1] done processing
01:45:44 - cmdstanpy - INFO - Chain [1] start processing
01:45:44 - cmdstanpy - INFO - Chain [1] done processing
01:45:44 - cmdstanpy - INFO - Chain [1] start processing
01:45:44 - cmdstanpy - INFO - Chain [1] done processing
01:45:45 - cmdstanpy - INFO - Chain [1] start processing
01:45:45 - cmdstanpy - INFO - Chain [1] done processing
01:45:45 - cmdstanpy - INFO - Chain [1] start processing
01:45:45 - cmdstanpy - INFO - Chain [1] done processing
01:45:45 - cmdstanpy - INFO - Chain [1] start processing
01:45:45 - cmdstanpy - INFO - Chain [1] done processing
01:45:46 - cmdstanpy - INFO - Chain [1] start processing
01:45:46 - cmdstanpy - INFO - Chain [1] done processing
01:45:46 - cmdstanpy - INFO - Chain [1] start processing
01:45:46 - cmdstanpy - INFO - Chain [1] done processing
01:45:46 - cmdstanpy - INFO - Chain [1] start processing
01:45:46 - cmdstanpy - INFO - Chain [1] done processing
01:45:47 - cmdstanpy - INFO - Chain [1] start processing
01:45:47 - cmdstanpy - INFO - Chain [1] done processing
01:45:47 - cmdstanpy - INFO - Chain [1] start processing
01:45:47 - cmdstanpy - INFO - Chain [1] done processing
01:45:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:47 - cmdstanpy - INFO - Chain [1] start processing
01:45:47 - cmdstanpy - INFO - Chain [1] done processing
01:45:48 - cmdstanpy - INFO - Chain [1] start processing
01:45:48 - cmdstanpy - INFO - Chain [1] done processing
01:45:48 - cmdstanpy - INFO - Chain [1] start processing
01:45:48 - cmdstanpy - INFO - Chain [1] done processing
01:45:48 - cmdstanpy - INFO - Chain [1] start processing
01:45:48 - cmdstanpy - INFO - Chain [1] done processing
01:45:49 - cmdstanpy - INFO - Chain [1] start processing
01:45:49 - cmdstanpy - INFO - Chain [1] done processing
01:45:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:49 - cmdstanpy - INFO - Chain [1] start processing
01:45:49 - cmdstanpy - INFO - Chain [1] done processing
01:45:49 - cmdstanpy - INFO - Chain [1] start processing
01:45:49 - cmdstanpy - INFO - Chain [1] done processing
01:45:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:49 - cmdstanpy - INFO - Chain [1] start processing
01:45:50 - cmdstanpy - INFO - Chain [1] done processing
01:45:50 - cmdstanpy - INFO - Chain [1] start processing
01:45:50 - cmdstanpy - INFO - Chain [1] done processing
01:45:50 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:45:51 - cmdstanpy - INFO - Chain [1] done processing
01:45:51 - cmdstanpy - INFO - Chain [1] start processing
01:45:51 - cmdstanpy - INFO - Chain [1] done processing
01:45:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:51 - cmdstanpy - INFO - Chain [1] start processing
01:45:51 - cmdstanpy - INFO - Chain [1] done processing
01:45:51 - cmdstanpy - INFO - Chain [1] start processing
01:45:52 - cmdstanpy - INFO - Chain [1] done processing
01:45:52 - cmdstanpy - INFO - Chain [1] start processing
01:45:52 - cmdstanpy - INFO - Chain [1] done processing
01:45:52 - cmdstanpy - INFO - Chain [1] start processing
01:45:52 - cmdstanpy - INFO - Chain [1] done processing
01:45:53 - cmdstanpy - INFO - Chain [1] start processing
01:45:53 - cmdstanpy - INFO - Chain [1] done processing
01:45:53 - cmdstanpy - INFO - Chain [1] start processing
01:45:53 - cmdstanpy - INFO - Chain [1] done processing
01:45:53 - cmdstanpy - INFO - Chain [1] start processing
01:45:53 - cmdstanpy - INFO - Chain [1] done processing
01:45:54 - cmdstanpy - INFO - Chain [1] start processing
01:45:54 - cmdstanpy - INFO - Chain [1] done processing
01:45:54 - cmdstanpy - INFO - Chain [1] start processing
01:45:54 - cmdstanpy - INFO - Chain [1] done processing
01:45:54 - cmdstanpy - INFO - Chain [1] start processing
01:45:54 - cmdstanpy - INFO - Chain [1] done processing
01:45:55 - cmdstanpy - INFO - Chain [1] start processing
01:45:55 - cmdstanpy - INFO - Chain [1] done processing
01:45:55 - cmdstanpy - INFO - Chain [1] start processing
01:45:55 - cmdstanpy - INFO - Chain [1] done processing
01:45:55 - cmdstanpy - INFO - Chain [1] start processing
01:45:55 - cmdstanpy - INFO - Chain [1] done processing
01:45:56 - cmdstanpy - INFO - Chain [1] start processing
01:45:56 - cmdstanpy - INFO - Chain [1] done processing
01:45:56 - cmdstanpy - INFO - Chain [1] start processing
01:45:56 - cmdstanpy - INFO - Chain [1] done processing
01:45:57 - cmdstanpy - INFO - Chain [1] start processing
01:45:57 - cmdstanpy - INFO - Chain [1] done processing
01:45:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:45:57 - cmdstanpy - INFO - Chain [1] start processing
01:45:57 - cmdstanpy - INFO - Chain [1] done processing
01:45:57 - cmdstanpy - INFO - Chain [1] start processing
01:45:57 - cmdstanpy - INFO - Chain [1] done processing
01:45:58 - cmdstanpy - INFO - Chain [1] start processing
01:45:58 - cmdstanpy - INFO - Chain [1] done processing
01:45:58 - cmdstanpy - INFO - Chain [1] start processing
01:45:58 - cmdstanpy - INFO - Chain [1] done processing
01:45:58 - cmdstanpy - INFO - Chain [1] start processing
01:45:58 - cmdstanpy - INFO - Chain [1] done processing
01:45:59 - cmdstanpy - INFO - Chain [1] start processing
01:45:59 - cmdstanpy - INFO - Chain [1] done processing
01:45:59 - cmdstanpy - INFO - Chain [1] start processing
01:45:59 - cmdstanpy - INFO - Chain [1] done processing
01:45:59 - cmdstanpy - INFO - Chain [1] start processing
01:45:59 - cmdstanpy - INFO - Chain [1] done processing
01:46:00 - cmdstanpy - INFO - Chain [1] start processing
01:46:00 - cmdstanpy - INFO - Chain [1] done processing
01:46:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:00 - cmdstanpy - INFO - Chain [1] start processing
01:46:00 - cmdstanpy - INFO - Chain [1] done processing
01:46:00 - cmdstanpy - INFO - Chain [1] start processing
01:46:01 - cmdstanpy - INFO - Chain [1] done processing
01:46:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:46:01 - cmdstanpy - INFO - Chain [1] done processing
01:46:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:01 - cmdstanpy - INFO - Chain [1] start processing
01:46:01 - cmdstanpy - INFO - Chain [1] done processing
01:46:01 - cmdstanpy - INFO - Chain [1] start processing
01:46:02 - cmdstanpy - INFO - Chain [1] done processing
01:46:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:02 - cmdstanpy - INFO - Chain [1] start processing
01:46:02 - cmdstanpy - INFO - Chain [1] done processing
01:46:02 - cmdstanpy - INFO - Chain [1] start processing
01:46:02 - cmdstanpy - INFO - Chain [1] done processing
01:46:03 - cmdstanpy - INFO - Chain [1] start processing
01:46:03 - cmdstanpy - INFO - Chain [1] done processing
01:46:03 - cmdstanpy - INFO - Chain [1] start processing
01:46:03 - cmdstanpy - INFO - Chain [1] done processing
01:46:03 - cmdstanpy - INFO - Chain [1] start processing
01:46:03 - cmdstanpy - INFO - Chain [1] done processing
01:46:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:03 - cmdstanpy - INFO - Chain [1] start processing
01:46:04 - cmdstanpy - INFO - Chain [1] done processing
01:46:04 - cmdstanpy - INFO - Chain [1] start processing
01:46:04 - cmdstanpy - INFO - Chain [1] done processing
01:46:04 - cmdstanpy - INFO - Chain [1] start processing
01:46:04 - cmdstanpy - INFO - Chain [1] done processing
01:46:05 - cmdstanpy - INFO - Chain [1] start processing
01:46:05 - cmdstanpy - INFO - Chain [1] done processing
01:46:05 - cmdstanpy - INFO - Chain [1] start processing
01:46:05 - cmdstanpy - INFO - Chain [1] done processing
01:46:05 - cmdstanpy - INFO - Chain [1] start processing
01:46:05 - cmdstanpy - INFO - Chain [1] done processing
01:46:06 - cmdstanpy - INFO - Chain [1] start processing
01:46:06 - cmdstanpy - INFO - Chain [1] done processing
01:46:06 - cmdstanpy - INFO - Chain [1] start processing
01:46:06 - cmdstanpy - INFO - Chain [1] done processing
01:46:06 - cmdstanpy - INFO - Chain [1] start processing
01:46:06 - cmdstanpy - INFO - Chain [1] done processing
01:46:07 - cmdstanpy - INFO - Chain [1] start processing
01:46:07 - cmdstanpy - INFO - Chain [1] done processing
01:46:07 - cmdstanpy - INFO - Chain [1] start processing
01:46:07 - cmdstanpy - INFO - Chain [1] done processing
01:46:07 - cmdstanpy - INFO - Chain [1] start processing
01:46:07 - cmdstanpy - INFO - Chain [1] done processing
01:46:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:08 - cmdstanpy - INFO - Chain [1] start processing
01:46:08 - cmdstanpy - INFO - Chain [1] done processing
01:46:08 - cmdstanpy - INFO - Chain [1] start processing
01:46:08 - cmdstanpy - INFO - Chain [1] done processing
01:46:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:08 - cmdstanpy - INFO - Chain [1] start processing
01:46:08 - cmdstanpy - INFO - Chain [1] done processing
01:46:09 - cmdstanpy - INFO - Chain [1] start processing
01:46:09 - cmdstanpy - INFO - Chain [1] done processing
01:46:09 - cmdstanpy - INFO - Chain [1] start processing
01:46:09 - cmdstanpy - INFO - Chain [1] done processing
01:46:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:09 - cmdstanpy - INFO - Chain [1] start processing
01:46:09 - cmdstanpy - INFO - Chain [1] done processing
01:46:10 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:46:10 - cmdstanpy - INFO - Chain [1] done processing
01:46:10 - cmdstanpy - INFO - Chain [1] start processing
01:46:10 - cmdstanpy - INFO - Chain [1] done processing
01:46:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:10 - cmdstanpy - INFO - Chain [1] start processing
01:46:10 - cmdstanpy - INFO - Chain [1] done processing
01:46:11 - cmdstanpy - INFO - Chain [1] start processing
01:46:11 - cmdstanpy - INFO - Chain [1] done processing
01:46:11 - cmdstanpy - INFO - Chain [1] start processing
01:46:11 - cmdstanpy - INFO - Chain [1] done processing
01:46:11 - cmdstanpy - INFO - Chain [1] start processing
01:46:12 - cmdstanpy - INFO - Chain [1] done processing
01:46:12 - cmdstanpy - INFO - Chain [1] start processing
01:46:12 - cmdstanpy - INFO - Chain [1] done processing
01:46:12 - cmdstanpy - INFO - Chain [1] start processing
01:46:12 - cmdstanpy - INFO - Chain [1] done processing
01:46:13 - cmdstanpy - INFO - Chain [1] start processing
01:46:13 - cmdstanpy - INFO - Chain [1] done processing
01:46:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:13 - cmdstanpy - INFO - Chain [1] start processing
01:46:13 - cmdstanpy - INFO - Chain [1] done processing
01:46:13 - cmdstanpy - INFO - Chain [1] start processing
01:46:13 - cmdstanpy - INFO - Chain [1] done processing
01:46:14 - cmdstanpy - INFO - Chain [1] start processing
01:46:14 - cmdstanpy - INFO - Chain [1] done processing
01:46:14 - cmdstanpy - INFO - Chain [1] start processing
01:46:14 - cmdstanpy - INFO - Chain [1] done processing
01:46:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:14 - cmdstanpy - INFO - Chain [1] start processing
01:46:14 - cmdstanpy - INFO - Chain [1] done processing
01:46:15 - cmdstanpy - INFO - Chain [1] start processing
01:46:15 - cmdstanpy - INFO - Chain [1] done processing
01:46:15 - cmdstanpy - INFO - Chain [1] start processing
01:46:15 - cmdstanpy - INFO - Chain [1] done processing
01:46:15 - cmdstanpy - INFO - Chain [1] start processing
01:46:15 - cmdstanpy - INFO - Chain [1] done processing
01:46:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:15 - cmdstanpy - INFO - Chain [1] start processing
01:46:16 - cmdstanpy - INFO - Chain [1] done processing
01:46:16 - cmdstanpy - INFO - Chain [1] start processing
01:46:16 - cmdstanpy - INFO - Chain [1] done processing
01:46:16 - cmdstanpy - INFO - Chain [1] start processing
01:46:16 - cmdstanpy - INFO - Chain [1] done processing
01:46:17 - cmdstanpy - INFO - Chain [1] start processing
01:46:17 - cmdstanpy - INFO - Chain [1] done processing
01:46:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:17 - cmdstanpy - INFO - Chain [1] start processing
01:46:17 - cmdstanpy - INFO - Chain [1] done processing
01:46:17 - cmdstanpy - INFO - Chain [1] start processing
01:46:18 - cmdstanpy - INFO - Chain [1] done processing
01:46:18 - cmdstanpy - INFO - Chain [1] start processing
01:46:18 - cmdstanpy - INFO - Chain [1] done processing
01:46:18 - cmdstanpy - INFO - Chain [1] start processing
01:46:18 - cmdstanpy - INFO - Chain [1] done processing
01:46:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:18 - cmdstanpy - INFO - Chain [1] start processing
01:46:19 - cmdstanpy - INFO - Chain [1] done processing
01:46:19 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:46:19 - cmdstanpy - INFO - Chain [1] done processing
01:46:19 - cmdstanpy - INFO - Chain [1] start processing
01:46:19 - cmdstanpy - INFO - Chain [1] done processing
01:46:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:19 - cmdstanpy - INFO - Chain [1] start processing
01:46:20 - cmdstanpy - INFO - Chain [1] done processing
01:46:20 - cmdstanpy - INFO - Chain [1] start processing
01:46:20 - cmdstanpy - INFO - Chain [1] done processing
01:46:20 - cmdstanpy - INFO - Chain [1] start processing
01:46:20 - cmdstanpy - INFO - Chain [1] done processing
01:46:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:20 - cmdstanpy - INFO - Chain [1] start processing
01:46:21 - cmdstanpy - INFO - Chain [1] done processing
01:46:21 - cmdstanpy - INFO - Chain [1] start processing
01:46:21 - cmdstanpy - INFO - Chain [1] done processing
01:46:21 - cmdstanpy - INFO - Chain [1] start processing
01:46:21 - cmdstanpy - INFO - Chain [1] done processing
01:46:22 - cmdstanpy - INFO - Chain [1] start processing
01:46:22 - cmdstanpy - INFO - Chain [1] done processing
01:46:22 - cmdstanpy - INFO - Chain [1] start processing
01:46:22 - cmdstanpy - INFO - Chain [1] done processing
01:46:22 - cmdstanpy - INFO - Chain [1] start processing
01:46:22 - cmdstanpy - INFO - Chain [1] done processing
01:46:23 - cmdstanpy - INFO - Chain [1] start processing
01:46:23 - cmdstanpy - INFO - Chain [1] done processing
01:46:23 - cmdstanpy - INFO - Chain [1] start processing
01:46:23 - cmdstanpy - INFO - Chain [1] done processing
01:46:24 - cmdstanpy - INFO - Chain [1] start processing
01:46:24 - cmdstanpy - INFO - Chain [1] done processing
01:46:24 - cmdstanpy - INFO - Chain [1] start processing
01:46:24 - cmdstanpy - INFO - Chain [1] done processing
01:46:24 - cmdstanpy - INFO - Chain [1] start processing
01:46:24 - cmdstanpy - INFO - Chain [1] done processing
01:46:25 - cmdstanpy - INFO - Chain [1] start processing
01:46:25 - cmdstanpy - INFO - Chain [1] done processing
01:46:25 - cmdstanpy - INFO - Chain [1] start processing
01:46:25 - cmdstanpy - INFO - Chain [1] done processing
01:46:26 - cmdstanpy - INFO - Chain [1] start processing
01:46:26 - cmdstanpy - INFO - Chain [1] done processing
01:46:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:26 - cmdstanpy - INFO - Chain [1] start processing
01:46:26 - cmdstanpy - INFO - Chain [1] done processing
01:46:26 - cmdstanpy - INFO - Chain [1] start processing
01:46:26 - cmdstanpy - INFO - Chain [1] done processing
01:46:27 - cmdstanpy - INFO - Chain [1] start processing
01:46:27 - cmdstanpy - INFO - Chain [1] done processing
01:46:27 - cmdstanpy - INFO - Chain [1] start processing
01:46:27 - cmdstanpy - INFO - Chain [1] done processing
01:46:27 - cmdstanpy - INFO - Chain [1] start processing
01:46:27 - cmdstanpy - INFO - Chain [1] done processing
01:46:28 - cmdstanpy - INFO - Chain [1] start processing
01:46:28 - cmdstanpy - INFO - Chain [1] done processing
01:46:28 - cmdstanpy - INFO - Chain [1] start processing
01:46:28 - cmdstanpy - INFO - Chain [1] done processing
01:46:28 - cmdstanpy - INFO - Chain [1] start processing
01:46:28 - cmdstanpy - INFO - Chain [1] done processing
01:46:29 - cmdstanpy - INFO - Chain [1] start processing
01:46:29 - cmdstanpy - INFO - Chain [1] done processing
01:46:29 - cmdstanpy - INFO - Chain [1] start processing
01:46:29 - cmdstanpy - INFO - Chain [1] done processing
01:46:30 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:46:30 - cmdstanpy - INFO - Chain [1] done processing
01:46:30 - cmdstanpy - INFO - Chain [1] start processing
01:46:30 - cmdstanpy - INFO - Chain [1] done processing
01:46:31 - cmdstanpy - INFO - Chain [1] start processing
01:46:31 - cmdstanpy - INFO - Chain [1] done processing
01:46:31 - cmdstanpy - INFO - Chain [1] start processing
01:46:31 - cmdstanpy - INFO - Chain [1] done processing
01:46:31 - cmdstanpy - INFO - Chain [1] start processing
01:46:31 - cmdstanpy - INFO - Chain [1] done processing
01:46:32 - cmdstanpy - INFO - Chain [1] start processing
01:46:32 - cmdstanpy - INFO - Chain [1] done processing
01:46:32 - cmdstanpy - INFO - Chain [1] start processing
01:46:32 - cmdstanpy - INFO - Chain [1] done processing
01:46:32 - cmdstanpy - INFO - Chain [1] start processing
01:46:32 - cmdstanpy - INFO - Chain [1] done processing
01:46:33 - cmdstanpy - INFO - Chain [1] start processing
01:46:33 - cmdstanpy - INFO - Chain [1] done processing
01:46:33 - cmdstanpy - INFO - Chain [1] start processing
01:46:33 - cmdstanpy - INFO - Chain [1] done processing
01:46:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:33 - cmdstanpy - INFO - Chain [1] start processing
01:46:34 - cmdstanpy - INFO - Chain [1] done processing
01:46:34 - cmdstanpy - INFO - Chain [1] start processing
01:46:34 - cmdstanpy - INFO - Chain [1] done processing
01:46:34 - cmdstanpy - INFO - Chain [1] start processing
01:46:35 - cmdstanpy - INFO - Chain [1] done processing
01:46:35 - cmdstanpy - INFO - Chain [1] start processing
01:46:35 - cmdstanpy - INFO - Chain [1] done processing
01:46:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:35 - cmdstanpy - INFO - Chain [1] start processing
01:46:35 - cmdstanpy - INFO - Chain [1] done processing
01:46:35 - cmdstanpy - INFO - Chain [1] start processing
01:46:36 - cmdstanpy - INFO - Chain [1] done processing
01:46:36 - cmdstanpy - INFO - Chain [1] start processing
01:46:36 - cmdstanpy - INFO - Chain [1] done processing
01:46:36 - cmdstanpy - INFO - Chain [1] start processing
01:46:36 - cmdstanpy - INFO - Chain [1] done processing
01:46:37 - cmdstanpy - INFO - Chain [1] start processing
01:46:37 - cmdstanpy - INFO - Chain [1] done processing
01:46:37 - cmdstanpy - INFO - Chain [1] start processing
01:46:37 - cmdstanpy - INFO - Chain [1] done processing
01:46:37 - cmdstanpy - INFO - Chain [1] start processing
01:46:37 - cmdstanpy - INFO - Chain [1] done processing
01:46:38 - cmdstanpy - INFO - Chain [1] start processing
01:46:38 - cmdstanpy - INFO - Chain [1] done processing
01:46:38 - cmdstanpy - INFO - Chain [1] start processing
01:46:38 - cmdstanpy - INFO - Chain [1] done processing
01:46:39 - cmdstanpy - INFO - Chain [1] start processing
01:46:39 - cmdstanpy - INFO - Chain [1] done processing
01:46:39 - cmdstanpy - INFO - Chain [1] start processing
01:46:39 - cmdstanpy - INFO - Chain [1] done processing
01:46:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:39 - cmdstanpy - INFO - Chain [1] start processing
01:46:39 - cmdstanpy - INFO - Chain [1] done processing
01:46:40 - cmdstanpy - INFO - Chain [1] start processing
01:46:40 - cmdstanpy - INFO - Chain [1] done processing
01:46:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:40 - cmdstanpy - INFO - Chain [1] start processing
01:46:40 - cmdstanpy - INFO - Chain [1] done processing
01:46:40 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:46:40 - cmdstanpy - INFO - Chain [1] done processing
01:46:41 - cmdstanpy - INFO - Chain [1] start processing
01:46:41 - cmdstanpy - INFO - Chain [1] done processing
01:46:41 - cmdstanpy - INFO - Chain [1] start processing
01:46:41 - cmdstanpy - INFO - Chain [1] done processing
01:46:41 - cmdstanpy - INFO - Chain [1] start processing
01:46:41 - cmdstanpy - INFO - Chain [1] done processing
01:46:42 - cmdstanpy - INFO - Chain [1] start processing
01:46:42 - cmdstanpy - INFO - Chain [1] done processing
01:46:42 - cmdstanpy - INFO - Chain [1] start processing
01:46:42 - cmdstanpy - INFO - Chain [1] done processing
01:46:42 - cmdstanpy - INFO - Chain [1] start processing
01:46:42 - cmdstanpy - INFO - Chain [1] done processing
01:46:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:42 - cmdstanpy - INFO - Chain [1] start processing
01:46:43 - cmdstanpy - INFO - Chain [1] done processing
01:46:43 - cmdstanpy - INFO - Chain [1] start processing
01:46:43 - cmdstanpy - INFO - Chain [1] done processing
01:46:44 - cmdstanpy - INFO - Chain [1] start processing
01:46:44 - cmdstanpy - INFO - Chain [1] done processing
01:46:44 - cmdstanpy - INFO - Chain [1] start processing
01:46:44 - cmdstanpy - INFO - Chain [1] done processing
01:46:44 - cmdstanpy - INFO - Chain [1] start processing
01:46:44 - cmdstanpy - INFO - Chain [1] done processing
01:46:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:44 - cmdstanpy - INFO - Chain [1] start processing
01:46:45 - cmdstanpy - INFO - Chain [1] done processing
01:46:45 - cmdstanpy - INFO - Chain [1] start processing
01:46:45 - cmdstanpy - INFO - Chain [1] done processing
01:46:45 - cmdstanpy - INFO - Chain [1] start processing
01:46:45 - cmdstanpy - INFO - Chain [1] done processing
01:46:46 - cmdstanpy - INFO - Chain [1] start processing
01:46:46 - cmdstanpy - INFO - Chain [1] done processing
01:46:46 - cmdstanpy - INFO - Chain [1] start processing
01:46:46 - cmdstanpy - INFO - Chain [1] done processing
01:46:46 - cmdstanpy - INFO - Chain [1] start processing
01:46:47 - cmdstanpy - INFO - Chain [1] done processing
01:46:47 - cmdstanpy - INFO - Chain [1] start processing
01:46:47 - cmdstanpy - INFO - Chain [1] done processing
01:46:47 - cmdstanpy - INFO - Chain [1] start processing
01:46:47 - cmdstanpy - INFO - Chain [1] done processing
01:46:48 - cmdstanpy - INFO - Chain [1] start processing
01:46:48 - cmdstanpy - INFO - Chain [1] done processing
01:46:48 - cmdstanpy - INFO - Chain [1] start processing
01:46:48 - cmdstanpy - INFO - Chain [1] done processing
01:46:48 - cmdstanpy - INFO - Chain [1] start processing
01:46:48 - cmdstanpy - INFO - Chain [1] done processing
01:46:49 - cmdstanpy - INFO - Chain [1] start processing
01:46:49 - cmdstanpy - INFO - Chain [1] done processing
01:46:49 - cmdstanpy - INFO - Chain [1] start processing
01:46:49 - cmdstanpy - INFO - Chain [1] done processing
01:46:49 - cmdstanpy - INFO - Chain [1] start processing
01:46:50 - cmdstanpy - INFO - Chain [1] done processing
01:46:50 - cmdstanpy - INFO - Chain [1] start processing
01:46:50 - cmdstanpy - INFO - Chain [1] done processing
01:46:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:50 - cmdstanpy - INFO - Chain [1] start processing
01:46:50 - cmdstanpy - INFO - Chain [1] done processing
01:46:50 - cmdstanpy - INFO - Chain [1] start processing
01:46:50 - cmdstanpy - INFO - Chain [1] done processing
01:46:51 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:46:51 - cmdstanpy - INFO - Chain [1] done processing
01:46:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:51 - cmdstanpy - INFO - Chain [1] start processing
01:46:51 - cmdstanpy - INFO - Chain [1] done processing
01:46:51 - cmdstanpy - INFO - Chain [1] start processing
01:46:51 - cmdstanpy - INFO - Chain [1] done processing
01:46:52 - cmdstanpy - INFO - Chain [1] start processing
01:46:52 - cmdstanpy - INFO - Chain [1] done processing
01:46:52 - cmdstanpy - INFO - Chain [1] start processing
01:46:52 - cmdstanpy - INFO - Chain [1] done processing
01:46:52 - cmdstanpy - INFO - Chain [1] start processing
01:46:52 - cmdstanpy - INFO - Chain [1] done processing
01:46:53 - cmdstanpy - INFO - Chain [1] start processing
01:46:53 - cmdstanpy - INFO - Chain [1] done processing
01:46:53 - cmdstanpy - INFO - Chain [1] start processing
01:46:53 - cmdstanpy - INFO - Chain [1] done processing
01:46:53 - cmdstanpy - INFO - Chain [1] start processing
01:46:54 - cmdstanpy - INFO - Chain [1] done processing
01:46:54 - cmdstanpy - INFO - Chain [1] start processing
01:46:54 - cmdstanpy - INFO - Chain [1] done processing
01:46:54 - cmdstanpy - INFO - Chain [1] start processing
01:46:54 - cmdstanpy - INFO - Chain [1] done processing
01:46:55 - cmdstanpy - INFO - Chain [1] start processing
01:46:55 - cmdstanpy - INFO - Chain [1] done processing
01:46:55 - cmdstanpy - INFO - Chain [1] start processing
01:46:55 - cmdstanpy - INFO - Chain [1] done processing
01:46:55 - cmdstanpy - INFO - Chain [1] start processing
01:46:55 - cmdstanpy - INFO - Chain [1] done processing
01:46:56 - cmdstanpy - INFO - Chain [1] start processing
01:46:56 - cmdstanpy - INFO - Chain [1] done processing
01:46:56 - cmdstanpy - INFO - Chain [1] start processing
01:46:56 - cmdstanpy - INFO - Chain [1] done processing
01:46:56 - cmdstanpy - INFO - Chain [1] start processing
01:46:56 - cmdstanpy - INFO - Chain [1] done processing
01:46:57 - cmdstanpy - INFO - Chain [1] start processing
01:46:57 - cmdstanpy - INFO - Chain [1] done processing
01:46:57 - cmdstanpy - INFO - Chain [1] start processing
01:46:57 - cmdstanpy - INFO - Chain [1] done processing
01:46:57 - cmdstanpy - INFO - Chain [1] start processing
01:46:58 - cmdstanpy - INFO - Chain [1] done processing
01:46:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:46:58 - cmdstanpy - INFO - Chain [1] start processing
01:46:58 - cmdstanpy - INFO - Chain [1] done processing
01:46:58 - cmdstanpy - INFO - Chain [1] start processing
01:46:58 - cmdstanpy - INFO - Chain [1] done processing
01:46:59 - cmdstanpy - INFO - Chain [1] start processing
01:46:59 - cmdstanpy - INFO - Chain [1] done processing
01:46:59 - cmdstanpy - INFO - Chain [1] start processing
01:46:59 - cmdstanpy - INFO - Chain [1] done processing
01:46:59 - cmdstanpy - INFO - Chain [1] start processing
01:46:59 - cmdstanpy - INFO - Chain [1] done processing
01:47:00 - cmdstanpy - INFO - Chain [1] start processing
01:47:00 - cmdstanpy - INFO - Chain [1] done processing
01:47:00 - cmdstanpy - INFO - Chain [1] start processing
01:47:00 - cmdstanpy - INFO - Chain [1] done processing
01:47:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:00 - cmdstanpy - INFO - Chain [1] start processing
01:47:01 - cmdstanpy - INFO - Chain [1] done processing
01:47:01 - cmdstanpy - INFO - Chain [1] start processing
01:47:01 - cmdstanpy - INFO - Chain [1] done processing
01:47:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:47:01 - cmdstanpy - INFO - Chain [1] done processing
01:47:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:01 - cmdstanpy - INFO - Chain [1] start processing
01:47:02 - cmdstanpy - INFO - Chain [1] done processing
01:47:02 - cmdstanpy - INFO - Chain [1] start processing
01:47:02 - cmdstanpy - INFO - Chain [1] done processing
01:47:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:02 - cmdstanpy - INFO - Chain [1] start processing
01:47:02 - cmdstanpy - INFO - Chain [1] done processing
01:47:02 - cmdstanpy - INFO - Chain [1] start processing
01:47:02 - cmdstanpy - INFO - Chain [1] done processing
01:47:03 - cmdstanpy - INFO - Chain [1] start processing
01:47:03 - cmdstanpy - INFO - Chain [1] done processing
01:47:03 - cmdstanpy - INFO - Chain [1] start processing
01:47:03 - cmdstanpy - INFO - Chain [1] done processing
01:47:04 - cmdstanpy - INFO - Chain [1] start processing
01:47:04 - cmdstanpy - INFO - Chain [1] done processing
01:47:04 - cmdstanpy - INFO - Chain [1] start processing
01:47:04 - cmdstanpy - INFO - Chain [1] done processing
01:47:04 - cmdstanpy - INFO - Chain [1] start processing
01:47:04 - cmdstanpy - INFO - Chain [1] done processing
01:47:05 - cmdstanpy - INFO - Chain [1] start processing
01:47:05 - cmdstanpy - INFO - Chain [1] done processing
01:47:05 - cmdstanpy - INFO - Chain [1] start processing
01:47:05 - cmdstanpy - INFO - Chain [1] done processing
01:47:06 - cmdstanpy - INFO - Chain [1] start processing
01:47:06 - cmdstanpy - INFO - Chain [1] done processing
01:47:06 - cmdstanpy - INFO - Chain [1] start processing
01:47:06 - cmdstanpy - INFO - Chain [1] done processing
01:47:06 - cmdstanpy - INFO - Chain [1] start processing
01:47:06 - cmdstanpy - INFO - Chain [1] done processing
01:47:07 - cmdstanpy - INFO - Chain [1] start processing
01:47:07 - cmdstanpy - INFO - Chain [1] done processing
01:47:07 - cmdstanpy - INFO - Chain [1] start processing
01:47:07 - cmdstanpy - INFO - Chain [1] done processing
01:47:07 - cmdstanpy - INFO - Chain [1] start processing
01:47:07 - cmdstanpy - INFO - Chain [1] done processing
01:47:08 - cmdstanpy - INFO - Chain [1] start processing
01:47:08 - cmdstanpy - INFO - Chain [1] done processing
01:47:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:08 - cmdstanpy - INFO - Chain [1] start processing
01:47:08 - cmdstanpy - INFO - Chain [1] done processing
01:47:08 - cmdstanpy - INFO - Chain [1] start processing
01:47:08 - cmdstanpy - INFO - Chain [1] done processing
01:47:09 - cmdstanpy - INFO - Chain [1] start processing
01:47:09 - cmdstanpy - INFO - Chain [1] done processing
01:47:09 - cmdstanpy - INFO - Chain [1] start processing
01:47:09 - cmdstanpy - INFO - Chain [1] done processing
01:47:09 - cmdstanpy - INFO - Chain [1] start processing
01:47:10 - cmdstanpy - INFO - Chain [1] done processing
01:47:10 - cmdstanpy - INFO - Chain [1] start processing
01:47:10 - cmdstanpy - INFO - Chain [1] done processing
01:47:10 - cmdstanpy - INFO - Chain [1] start processing
01:47:10 - cmdstanpy - INFO - Chain [1] done processing
01:47:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:10 - cmdstanpy - INFO - Chain [1] start processing
01:47:11 - cmdstanpy - INFO - Chain [1] done processing
01:47:11 - cmdstanpy - INFO - Chain [1] start processing
01:47:11 - cmdstanpy - INFO - Chain [1] done processing
01:47:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:47:11 - cmdstanpy - INFO - Chain [1] start processing
01:47:11 - cmdstanpy - INFO - Chain [1] done processing
01:47:12 - cmdstanpy - INFO - Chain [1] start processing
01:47:12 - cmdstanpy - INFO - Chain [1] done processing
01:47:12 - cmdstanpy - INFO - Chain [1] start processing
01:47:12 - cmdstanpy - INFO - Chain [1] done processing
01:47:12 - cmdstanpy - INFO - Chain [1] start processing
01:47:13 - cmdstanpy - INFO - Chain [1] done processing
01:47:13 - cmdstanpy - INFO - Chain [1] start processing
01:47:13 - cmdstanpy - INFO - Chain [1] done processing
01:47:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:13 - cmdstanpy - INFO - Chain [1] start processing
01:47:13 - cmdstanpy - INFO - Chain [1] done processing
01:47:13 - cmdstanpy - INFO - Chain [1] start processing
01:47:14 - cmdstanpy - INFO - Chain [1] done processing
01:47:14 - cmdstanpy - INFO - Chain [1] start processing
01:47:14 - cmdstanpy - INFO - Chain [1] done processing
01:47:14 - cmdstanpy - INFO - Chain [1] start processing
01:47:14 - cmdstanpy - INFO - Chain [1] done processing
01:47:15 - cmdstanpy - INFO - Chain [1] start processing
01:47:15 - cmdstanpy - INFO - Chain [1] done processing
01:47:15 - cmdstanpy - INFO - Chain [1] start processing
01:47:15 - cmdstanpy - INFO - Chain [1] done processing
01:47:15 - cmdstanpy - INFO - Chain [1] start processing
01:47:15 - cmdstanpy - INFO - Chain [1] done processing
01:47:16 - cmdstanpy - INFO - Chain [1] start processing
01:47:16 - cmdstanpy - INFO - Chain [1] done processing
01:47:16 - cmdstanpy - INFO - Chain [1] start processing
01:47:16 - cmdstanpy - INFO - Chain [1] done processing
01:47:16 - cmdstanpy - INFO - Chain [1] start processing
01:47:16 - cmdstanpy - INFO - Chain [1] done processing
01:47:17 - cmdstanpy - INFO - Chain [1] start processing
01:47:17 - cmdstanpy - INFO - Chain [1] done processing
01:47:17 - cmdstanpy - INFO - Chain [1] start processing
01:47:17 - cmdstanpy - INFO - Chain [1] done processing
01:47:17 - cmdstanpy - INFO - Chain [1] start processing
01:47:18 - cmdstanpy - INFO - Chain [1] done processing
01:47:18 - cmdstanpy - INFO - Chain [1] start processing
01:47:18 - cmdstanpy - INFO - Chain [1] done processing
01:47:18 - cmdstanpy - INFO - Chain [1] start processing
01:47:18 - cmdstanpy - INFO - Chain [1] done processing
01:47:19 - cmdstanpy - INFO - Chain [1] start processing
01:47:19 - cmdstanpy - INFO - Chain [1] done processing
01:47:19 - cmdstanpy - INFO - Chain [1] start processing
01:47:19 - cmdstanpy - INFO - Chain [1] done processing
01:47:19 - cmdstanpy - INFO - Chain [1] start processing
01:47:19 - cmdstanpy - INFO - Chain [1] done processing
01:47:20 - cmdstanpy - INFO - Chain [1] start processing
01:47:20 - cmdstanpy - INFO - Chain [1] done processing
01:47:20 - cmdstanpy - INFO - Chain [1] start processing
01:47:20 - cmdstanpy - INFO - Chain [1] done processing
01:47:20 - cmdstanpy - INFO - Chain [1] start processing
01:47:20 - cmdstanpy - INFO - Chain [1] done processing
01:47:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:21 - cmdstanpy - INFO - Chain [1] start processing
01:47:21 - cmdstanpy - INFO - Chain [1] done processing
01:47:21 - cmdstanpy - INFO - Chain [1] start processing
01:47:21 - cmdstanpy - INFO - Chain [1] done processing
01:47:21 - cmdstanpy - INFO - Chain [1] start processing
01:47:21 - cmdstanpy - INFO - Chain [1] done processing
01:47:22 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:47:22 - cmdstanpy - INFO - Chain [1] done processing
01:47:22 - cmdstanpy - INFO - Chain [1] start processing
01:47:22 - cmdstanpy - INFO - Chain [1] done processing
01:47:23 - cmdstanpy - INFO - Chain [1] start processing
01:47:23 - cmdstanpy - INFO - Chain [1] done processing
01:47:23 - cmdstanpy - INFO - Chain [1] start processing
01:47:23 - cmdstanpy - INFO - Chain [1] done processing
01:47:23 - cmdstanpy - INFO - Chain [1] start processing
01:47:23 - cmdstanpy - INFO - Chain [1] done processing
01:47:24 - cmdstanpy - INFO - Chain [1] start processing
01:47:24 - cmdstanpy - INFO - Chain [1] done processing
01:47:24 - cmdstanpy - INFO - Chain [1] start processing
01:47:24 - cmdstanpy - INFO - Chain [1] done processing
01:47:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:24 - cmdstanpy - INFO - Chain [1] start processing
01:47:24 - cmdstanpy - INFO - Chain [1] done processing
01:47:25 - cmdstanpy - INFO - Chain [1] start processing
01:47:25 - cmdstanpy - INFO - Chain [1] done processing
01:47:25 - cmdstanpy - INFO - Chain [1] start processing
01:47:25 - cmdstanpy - INFO - Chain [1] done processing
01:47:25 - cmdstanpy - INFO - Chain [1] start processing
01:47:25 - cmdstanpy - INFO - Chain [1] done processing
01:47:26 - cmdstanpy - INFO - Chain [1] start processing
01:47:26 - cmdstanpy - INFO - Chain [1] done processing
01:47:26 - cmdstanpy - INFO - Chain [1] start processing
01:47:26 - cmdstanpy - INFO - Chain [1] done processing
01:47:26 - cmdstanpy - INFO - Chain [1] start processing
01:47:26 - cmdstanpy - INFO - Chain [1] done processing
01:47:27 - cmdstanpy - INFO - Chain [1] start processing
01:47:27 - cmdstanpy - INFO - Chain [1] done processing
01:47:27 - cmdstanpy - INFO - Chain [1] start processing
01:47:27 - cmdstanpy - INFO - Chain [1] done processing
01:47:28 - cmdstanpy - INFO - Chain [1] start processing
01:47:28 - cmdstanpy - INFO - Chain [1] done processing
01:47:28 - cmdstanpy - INFO - Chain [1] start processing
01:47:28 - cmdstanpy - INFO - Chain [1] done processing
01:47:28 - cmdstanpy - INFO - Chain [1] start processing
01:47:28 - cmdstanpy - INFO - Chain [1] done processing
01:47:29 - cmdstanpy - INFO - Chain [1] start processing
01:47:29 - cmdstanpy - INFO - Chain [1] done processing
01:47:29 - cmdstanpy - INFO - Chain [1] start processing
01:47:29 - cmdstanpy - INFO - Chain [1] done processing
01:47:29 - cmdstanpy - INFO - Chain [1] start processing
01:47:29 - cmdstanpy - INFO - Chain [1] done processing
01:47:30 - cmdstanpy - INFO - Chain [1] start processing
01:47:30 - cmdstanpy - INFO - Chain [1] done processing
01:47:30 - cmdstanpy - INFO - Chain [1] start processing
01:47:30 - cmdstanpy - INFO - Chain [1] done processing
01:47:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:30 - cmdstanpy - INFO - Chain [1] start processing
01:47:31 - cmdstanpy - INFO - Chain [1] done processing
01:47:31 - cmdstanpy - INFO - Chain [1] start processing
01:47:31 - cmdstanpy - INFO - Chain [1] done processing
01:47:31 - cmdstanpy - INFO - Chain [1] start processing
01:47:31 - cmdstanpy - INFO - Chain [1] done processing
01:47:32 - cmdstanpy - INFO - Chain [1] start processing
01:47:32 - cmdstanpy - INFO - Chain [1] done processing
01:47:32 - cmdstanpy - INFO - Chain [1] start processing
01:47:32 - cmdstanpy - INFO - Chain [1] done processing
01:47:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:32 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:47:32 - cmdstanpy - INFO - Chain [1] done processing
01:47:33 - cmdstanpy - INFO - Chain [1] start processing
01:47:33 - cmdstanpy - INFO - Chain [1] done processing
01:47:33 - cmdstanpy - INFO - Chain [1] start processing
01:47:33 - cmdstanpy - INFO - Chain [1] done processing
01:47:33 - cmdstanpy - INFO - Chain [1] start processing
01:47:33 - cmdstanpy - INFO - Chain [1] done processing
01:47:34 - cmdstanpy - INFO - Chain [1] start processing
01:47:34 - cmdstanpy - INFO - Chain [1] done processing
01:47:34 - cmdstanpy - INFO - Chain [1] start processing
01:47:34 - cmdstanpy - INFO - Chain [1] done processing
01:47:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:34 - cmdstanpy - INFO - Chain [1] start processing
01:47:34 - cmdstanpy - INFO - Chain [1] done processing
01:47:35 - cmdstanpy - INFO - Chain [1] start processing
01:47:35 - cmdstanpy - INFO - Chain [1] done processing
01:47:35 - cmdstanpy - INFO - Chain [1] start processing
01:47:35 - cmdstanpy - INFO - Chain [1] done processing
01:47:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:35 - cmdstanpy - INFO - Chain [1] start processing
01:47:35 - cmdstanpy - INFO - Chain [1] done processing
01:47:36 - cmdstanpy - INFO - Chain [1] start processing
01:47:36 - cmdstanpy - INFO - Chain [1] done processing
01:47:36 - cmdstanpy - INFO - Chain [1] start processing
01:47:36 - cmdstanpy - INFO - Chain [1] done processing
01:47:36 - cmdstanpy - INFO - Chain [1] start processing
01:47:36 - cmdstanpy - INFO - Chain [1] done processing
01:47:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:36 - cmdstanpy - INFO - Chain [1] start processing
01:47:37 - cmdstanpy - INFO - Chain [1] done processing
01:47:37 - cmdstanpy - INFO - Chain [1] start processing
01:47:37 - cmdstanpy - INFO - Chain [1] done processing
01:47:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:37 - cmdstanpy - INFO - Chain [1] start processing
01:47:37 - cmdstanpy - INFO - Chain [1] done processing
01:47:38 - cmdstanpy - INFO - Chain [1] start processing
01:47:38 - cmdstanpy - INFO - Chain [1] done processing
01:47:38 - cmdstanpy - INFO - Chain [1] start processing
01:47:38 - cmdstanpy - INFO - Chain [1] done processing
01:47:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:38 - cmdstanpy - INFO - Chain [1] start processing
01:47:38 - cmdstanpy - INFO - Chain [1] done processing
01:47:39 - cmdstanpy - INFO - Chain [1] start processing
01:47:39 - cmdstanpy - INFO - Chain [1] done processing
01:47:39 - cmdstanpy - INFO - Chain [1] start processing
01:47:39 - cmdstanpy - INFO - Chain [1] done processing
01:47:39 - cmdstanpy - INFO - Chain [1] start processing
01:47:39 - cmdstanpy - INFO - Chain [1] done processing
01:47:40 - cmdstanpy - INFO - Chain [1] start processing
01:47:40 - cmdstanpy - INFO - Chain [1] done processing
01:47:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:40 - cmdstanpy - INFO - Chain [1] start processing
01:47:40 - cmdstanpy - INFO - Chain [1] done processing
01:47:40 - cmdstanpy - INFO - Chain [1] start processing
01:47:40 - cmdstanpy - INFO - Chain [1] done processing
01:47:41 - cmdstanpy - INFO - Chain [1] start processing
01:47:41 - cmdstanpy - INFO - Chain [1] done processing
01:47:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:47:41 - cmdstanpy - INFO - Chain [1] start processing
01:47:41 - cmdstanpy - INFO - Chain [1] done processing
01:47:42 - cmdstanpy - INFO - Chain [1] start processing
01:47:42 - cmdstanpy - INFO - Chain [1] done processing
01:47:42 - cmdstanpy - INFO - Chain [1] start processing
01:47:42 - cmdstanpy - INFO - Chain [1] done processing
01:47:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:42 - cmdstanpy - INFO - Chain [1] start processing
01:47:42 - cmdstanpy - INFO - Chain [1] done processing
01:47:43 - cmdstanpy - INFO - Chain [1] start processing
01:47:43 - cmdstanpy - INFO - Chain [1] done processing
01:47:43 - cmdstanpy - INFO - Chain [1] start processing
01:47:43 - cmdstanpy - INFO - Chain [1] done processing
01:47:43 - cmdstanpy - INFO - Chain [1] start processing
01:47:43 - cmdstanpy - INFO - Chain [1] done processing
01:47:44 - cmdstanpy - INFO - Chain [1] start processing
01:47:44 - cmdstanpy - INFO - Chain [1] done processing
01:47:44 - cmdstanpy - INFO - Chain [1] start processing
01:47:44 - cmdstanpy - INFO - Chain [1] done processing
01:47:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:44 - cmdstanpy - INFO - Chain [1] start processing
01:47:44 - cmdstanpy - INFO - Chain [1] done processing
01:47:45 - cmdstanpy - INFO - Chain [1] start processing
01:47:45 - cmdstanpy - INFO - Chain [1] done processing
01:47:45 - cmdstanpy - INFO - Chain [1] start processing
01:47:45 - cmdstanpy - INFO - Chain [1] done processing
01:47:45 - cmdstanpy - INFO - Chain [1] start processing
01:47:46 - cmdstanpy - INFO - Chain [1] done processing
01:47:46 - cmdstanpy - INFO - Chain [1] start processing
01:47:46 - cmdstanpy - INFO - Chain [1] done processing
01:47:46 - cmdstanpy - INFO - Chain [1] start processing
01:47:46 - cmdstanpy - INFO - Chain [1] done processing
01:47:47 - cmdstanpy - INFO - Chain [1] start processing
01:47:47 - cmdstanpy - INFO - Chain [1] done processing
01:47:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:47 - cmdstanpy - INFO - Chain [1] start processing
01:47:47 - cmdstanpy - INFO - Chain [1] done processing
01:47:47 - cmdstanpy - INFO - Chain [1] start processing
01:47:47 - cmdstanpy - INFO - Chain [1] done processing
01:47:48 - cmdstanpy - INFO - Chain [1] start processing
01:47:48 - cmdstanpy - INFO - Chain [1] done processing
01:47:48 - cmdstanpy - INFO - Chain [1] start processing
01:47:48 - cmdstanpy - INFO - Chain [1] done processing
01:47:48 - cmdstanpy - INFO - Chain [1] start processing
01:47:48 - cmdstanpy - INFO - Chain [1] done processing
01:47:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:48 - cmdstanpy - INFO - Chain [1] start processing
01:47:49 - cmdstanpy - INFO - Chain [1] done processing
01:47:49 - cmdstanpy - INFO - Chain [1] start processing
01:47:49 - cmdstanpy - INFO - Chain [1] done processing
01:47:49 - cmdstanpy - INFO - Chain [1] start processing
01:47:49 - cmdstanpy - INFO - Chain [1] done processing
01:47:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:49 - cmdstanpy - INFO - Chain [1] start processing
01:47:50 - cmdstanpy - INFO - Chain [1] done processing
01:47:50 - cmdstanpy - INFO - Chain [1] start processing
01:47:50 - cmdstanpy - INFO - Chain [1] done processing
01:47:50 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:47:50 - cmdstanpy - INFO - Chain [1] done processing
01:47:51 - cmdstanpy - INFO - Chain [1] start processing
01:47:51 - cmdstanpy - INFO - Chain [1] done processing
01:47:51 - cmdstanpy - INFO - Chain [1] start processing
01:47:51 - cmdstanpy - INFO - Chain [1] done processing
01:47:51 - cmdstanpy - INFO - Chain [1] start processing
01:47:51 - cmdstanpy - INFO - Chain [1] done processing
01:47:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:52 - cmdstanpy - INFO - Chain [1] start processing
01:47:52 - cmdstanpy - INFO - Chain [1] done processing
01:47:52 - cmdstanpy - INFO - Chain [1] start processing
01:47:52 - cmdstanpy - INFO - Chain [1] done processing
01:47:52 - cmdstanpy - INFO - Chain [1] start processing
01:47:52 - cmdstanpy - INFO - Chain [1] done processing
01:47:53 - cmdstanpy - INFO - Chain [1] start processing
01:47:53 - cmdstanpy - INFO - Chain [1] done processing
01:47:53 - cmdstanpy - INFO - Chain [1] start processing
01:47:53 - cmdstanpy - INFO - Chain [1] done processing
01:47:54 - cmdstanpy - INFO - Chain [1] start processing
01:47:54 - cmdstanpy - INFO - Chain [1] done processing
01:47:54 - cmdstanpy - INFO - Chain [1] start processing
01:47:54 - cmdstanpy - INFO - Chain [1] done processing
01:47:54 - cmdstanpy - INFO - Chain [1] start processing
01:47:54 - cmdstanpy - INFO - Chain [1] done processing
01:47:55 - cmdstanpy - INFO - Chain [1] start processing
01:47:55 - cmdstanpy - INFO - Chain [1] done processing
01:47:55 - cmdstanpy - INFO - Chain [1] start processing
01:47:55 - cmdstanpy - INFO - Chain [1] done processing
01:47:55 - cmdstanpy - INFO - Chain [1] start processing
01:47:56 - cmdstanpy - INFO - Chain [1] done processing
01:47:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:56 - cmdstanpy - INFO - Chain [1] start processing
01:47:56 - cmdstanpy - INFO - Chain [1] done processing
01:47:56 - cmdstanpy - INFO - Chain [1] start processing
01:47:56 - cmdstanpy - INFO - Chain [1] done processing
01:47:56 - cmdstanpy - INFO - Chain [1] start processing
01:47:57 - cmdstanpy - INFO - Chain [1] done processing
01:47:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:47:57 - cmdstanpy - INFO - Chain [1] start processing
01:47:57 - cmdstanpy - INFO - Chain [1] done processing
01:47:57 - cmdstanpy - INFO - Chain [1] start processing
01:47:57 - cmdstanpy - INFO - Chain [1] done processing
01:47:57 - cmdstanpy - INFO - Chain [1] start processing
01:47:58 - cmdstanpy - INFO - Chain [1] done processing
01:47:58 - cmdstanpy - INFO - Chain [1] start processing
01:47:58 - cmdstanpy - INFO - Chain [1] done processing
01:47:58 - cmdstanpy - INFO - Chain [1] start processing
01:47:58 - cmdstanpy - INFO - Chain [1] done processing
01:47:58 - cmdstanpy - INFO - Chain [1] start processing
01:47:59 - cmdstanpy - INFO - Chain [1] done processing
01:47:59 - cmdstanpy - INFO - Chain [1] start processing
01:47:59 - cmdstanpy - INFO - Chain [1] done processing
01:47:59 - cmdstanpy - INFO - Chain [1] start processing
01:47:59 - cmdstanpy - INFO - Chain [1] done processing
01:47:59 - cmdstanpy - INFO - Chain [1] start processing
01:48:00 - cmdstanpy - INFO - Chain [1] done processing
01:48:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:00 - cmdstanpy - INFO - Chain [1] start processing
01:48:00 - cmdstanpy - INFO - Chain [1] done processing
01:48:00 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:48:00 - cmdstanpy - INFO - Chain [1] done processing
01:48:00 - cmdstanpy - INFO - Chain [1] start processing
01:48:01 - cmdstanpy - INFO - Chain [1] done processing
01:48:01 - cmdstanpy - INFO - Chain [1] start processing
01:48:01 - cmdstanpy - INFO - Chain [1] done processing
01:48:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:01 - cmdstanpy - INFO - Chain [1] start processing
01:48:01 - cmdstanpy - INFO - Chain [1] done processing
01:48:02 - cmdstanpy - INFO - Chain [1] start processing
01:48:02 - cmdstanpy - INFO - Chain [1] done processing
01:48:02 - cmdstanpy - INFO - Chain [1] start processing
01:48:02 - cmdstanpy - INFO - Chain [1] done processing
01:48:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:02 - cmdstanpy - INFO - Chain [1] start processing
01:48:02 - cmdstanpy - INFO - Chain [1] done processing
01:48:03 - cmdstanpy - INFO - Chain [1] start processing
01:48:03 - cmdstanpy - INFO - Chain [1] done processing
01:48:03 - cmdstanpy - INFO - Chain [1] start processing
01:48:03 - cmdstanpy - INFO - Chain [1] done processing
01:48:03 - cmdstanpy - INFO - Chain [1] start processing
01:48:03 - cmdstanpy - INFO - Chain [1] done processing
01:48:04 - cmdstanpy - INFO - Chain [1] start processing
01:48:04 - cmdstanpy - INFO - Chain [1] done processing
01:48:04 - cmdstanpy - INFO - Chain [1] start processing
01:48:04 - cmdstanpy - INFO - Chain [1] done processing
01:48:05 - cmdstanpy - INFO - Chain [1] start processing
01:48:05 - cmdstanpy - INFO - Chain [1] done processing
01:48:05 - cmdstanpy - INFO - Chain [1] start processing
01:48:05 - cmdstanpy - INFO - Chain [1] done processing
01:48:05 - cmdstanpy - INFO - Chain [1] start processing
01:48:05 - cmdstanpy - INFO - Chain [1] done processing
01:48:06 - cmdstanpy - INFO - Chain [1] start processing
01:48:06 - cmdstanpy - INFO - Chain [1] done processing
01:48:06 - cmdstanpy - INFO - Chain [1] start processing
01:48:06 - cmdstanpy - INFO - Chain [1] done processing
01:48:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:06 - cmdstanpy - INFO - Chain [1] start processing
01:48:06 - cmdstanpy - INFO - Chain [1] done processing
01:48:07 - cmdstanpy - INFO - Chain [1] start processing
01:48:07 - cmdstanpy - INFO - Chain [1] done processing
01:48:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:07 - cmdstanpy - INFO - Chain [1] start processing
01:48:07 - cmdstanpy - INFO - Chain [1] done processing
01:48:08 - cmdstanpy - INFO - Chain [1] start processing
01:48:08 - cmdstanpy - INFO - Chain [1] done processing
01:48:08 - cmdstanpy - INFO - Chain [1] start processing
01:48:08 - cmdstanpy - INFO - Chain [1] done processing
01:48:08 - cmdstanpy - INFO - Chain [1] start processing
01:48:08 - cmdstanpy - INFO - Chain [1] done processing
01:48:09 - cmdstanpy - INFO - Chain [1] start processing
01:48:09 - cmdstanpy - INFO - Chain [1] done processing
01:48:09 - cmdstanpy - INFO - Chain [1] start processing
01:48:09 - cmdstanpy - INFO - Chain [1] done processing
01:48:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:09 - cmdstanpy - INFO - Chain [1] start processing
01:48:10 - cmdstanpy - INFO - Chain [1] done processing
01:48:10 - cmdstanpy - INFO - Chain [1] start processing
01:48:10 - cmdstanpy - INFO - Chain [1] done processing
01:48:10 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:48:10 - cmdstanpy - INFO - Chain [1] done processing
01:48:11 - cmdstanpy - INFO - Chain [1] start processing
01:48:11 - cmdstanpy - INFO - Chain [1] done processing
01:48:11 - cmdstanpy - INFO - Chain [1] start processing
01:48:11 - cmdstanpy - INFO - Chain [1] done processing
01:48:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:11 - cmdstanpy - INFO - Chain [1] start processing
01:48:11 - cmdstanpy - INFO - Chain [1] done processing
01:48:12 - cmdstanpy - INFO - Chain [1] start processing
01:48:12 - cmdstanpy - INFO - Chain [1] done processing
01:48:12 - cmdstanpy - INFO - Chain [1] start processing
01:48:12 - cmdstanpy - INFO - Chain [1] done processing
01:48:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:12 - cmdstanpy - INFO - Chain [1] start processing
01:48:12 - cmdstanpy - INFO - Chain [1] done processing
01:48:13 - cmdstanpy - INFO - Chain [1] start processing
01:48:13 - cmdstanpy - INFO - Chain [1] done processing
01:48:13 - cmdstanpy - INFO - Chain [1] start processing
01:48:13 - cmdstanpy - INFO - Chain [1] done processing
01:48:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:13 - cmdstanpy - INFO - Chain [1] start processing
01:48:13 - cmdstanpy - INFO - Chain [1] done processing
01:48:14 - cmdstanpy - INFO - Chain [1] start processing
01:48:14 - cmdstanpy - INFO - Chain [1] done processing
01:48:14 - cmdstanpy - INFO - Chain [1] start processing
01:48:14 - cmdstanpy - INFO - Chain [1] done processing
01:48:14 - cmdstanpy - INFO - Chain [1] start processing
01:48:14 - cmdstanpy - INFO - Chain [1] done processing
01:48:15 - cmdstanpy - INFO - Chain [1] start processing
01:48:15 - cmdstanpy - INFO - Chain [1] done processing
01:48:15 - cmdstanpy - INFO - Chain [1] start processing
01:48:15 - cmdstanpy - INFO - Chain [1] done processing
01:48:16 - cmdstanpy - INFO - Chain [1] start processing
01:48:16 - cmdstanpy - INFO - Chain [1] done processing
01:48:16 - cmdstanpy - INFO - Chain [1] start processing
01:48:16 - cmdstanpy - INFO - Chain [1] done processing
01:48:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:16 - cmdstanpy - INFO - Chain [1] start processing
01:48:16 - cmdstanpy - INFO - Chain [1] done processing
01:48:17 - cmdstanpy - INFO - Chain [1] start processing
01:48:17 - cmdstanpy - INFO - Chain [1] done processing
01:48:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:17 - cmdstanpy - INFO - Chain [1] start processing
01:48:17 - cmdstanpy - INFO - Chain [1] done processing
01:48:17 - cmdstanpy - INFO - Chain [1] start processing
01:48:17 - cmdstanpy - INFO - Chain [1] done processing
01:48:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:17 - cmdstanpy - INFO - Chain [1] start processing
01:48:17 - cmdstanpy - INFO - Chain [1] done processing
01:48:18 - cmdstanpy - INFO - Chain [1] start processing
01:48:18 - cmdstanpy - INFO - Chain [1] done processing
01:48:18 - cmdstanpy - INFO - Chain [1] start processing
01:48:18 - cmdstanpy - INFO - Chain [1] done processing
01:48:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:18 - cmdstanpy - INFO - Chain [1] start processing
01:48:18 - cmdstanpy - INFO - Chain [1] done processing
01:48:19 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:48:19 - cmdstanpy - INFO - Chain [1] done processing
01:48:19 - cmdstanpy - INFO - Chain [1] start processing
01:48:19 - cmdstanpy - INFO - Chain [1] done processing
01:48:19 - cmdstanpy - INFO - Chain [1] start processing
01:48:19 - cmdstanpy - INFO - Chain [1] done processing
01:48:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:19 - cmdstanpy - INFO - Chain [1] start processing
01:48:20 - cmdstanpy - INFO - Chain [1] done processing
01:48:20 - cmdstanpy - INFO - Chain [1] start processing
01:48:20 - cmdstanpy - INFO - Chain [1] done processing
01:48:20 - cmdstanpy - INFO - Chain [1] start processing
01:48:20 - cmdstanpy - INFO - Chain [1] done processing
01:48:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:20 - cmdstanpy - INFO - Chain [1] start processing
01:48:21 - cmdstanpy - INFO - Chain [1] done processing
01:48:21 - cmdstanpy - INFO - Chain [1] start processing
01:48:21 - cmdstanpy - INFO - Chain [1] done processing
01:48:21 - cmdstanpy - INFO - Chain [1] start processing
01:48:21 - cmdstanpy - INFO - Chain [1] done processing
01:48:22 - cmdstanpy - INFO - Chain [1] start processing
01:48:22 - cmdstanpy - INFO - Chain [1] done processing
01:48:22 - cmdstanpy - INFO - Chain [1] start processing
01:48:22 - cmdstanpy - INFO - Chain [1] done processing
01:48:23 - cmdstanpy - INFO - Chain [1] start processing
01:48:23 - cmdstanpy - INFO - Chain [1] done processing
01:48:23 - cmdstanpy - INFO - Chain [1] start processing
01:48:23 - cmdstanpy - INFO - Chain [1] done processing
01:48:23 - cmdstanpy - INFO - Chain [1] start processing
01:48:23 - cmdstanpy - INFO - Chain [1] done processing
01:48:24 - cmdstanpy - INFO - Chain [1] start processing
01:48:24 - cmdstanpy - INFO - Chain [1] done processing
01:48:24 - cmdstanpy - INFO - Chain [1] start processing
01:48:24 - cmdstanpy - INFO - Chain [1] done processing
01:48:24 - cmdstanpy - INFO - Chain [1] start processing
01:48:24 - cmdstanpy - INFO - Chain [1] done processing
01:48:25 - cmdstanpy - INFO - Chain [1] start processing
01:48:25 - cmdstanpy - INFO - Chain [1] done processing
01:48:25 - cmdstanpy - INFO - Chain [1] start processing
01:48:25 - cmdstanpy - INFO - Chain [1] done processing
01:48:26 - cmdstanpy - INFO - Chain [1] start processing
01:48:26 - cmdstanpy - INFO - Chain [1] done processing
01:48:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:26 - cmdstanpy - INFO - Chain [1] start processing
01:48:26 - cmdstanpy - INFO - Chain [1] done processing
01:48:26 - cmdstanpy - INFO - Chain [1] start processing
01:48:26 - cmdstanpy - INFO - Chain [1] done processing
01:48:27 - cmdstanpy - INFO - Chain [1] start processing
01:48:27 - cmdstanpy - INFO - Chain [1] done processing
01:48:27 - cmdstanpy - INFO - Chain [1] start processing
01:48:27 - cmdstanpy - INFO - Chain [1] done processing
01:48:27 - cmdstanpy - INFO - Chain [1] start processing
01:48:27 - cmdstanpy - INFO - Chain [1] done processing
01:48:28 - cmdstanpy - INFO - Chain [1] start processing
01:48:28 - cmdstanpy - INFO - Chain [1] done processing
01:48:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:28 - cmdstanpy - INFO - Chain [1] start processing
01:48:28 - cmdstanpy - INFO - Chain [1] done processing
01:48:28 - cmdstanpy - INFO - Chain [1] start processing
01:48:28 - cmdstanpy - INFO - Chain [1] done processing
01:48:29 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:48:29 - cmdstanpy - INFO - Chain [1] done processing
01:48:29 - cmdstanpy - INFO - Chain [1] start processing
01:48:29 - cmdstanpy - INFO - Chain [1] done processing
01:48:29 - cmdstanpy - INFO - Chain [1] start processing
01:48:30 - cmdstanpy - INFO - Chain [1] done processing
01:48:30 - cmdstanpy - INFO - Chain [1] start processing
01:48:30 - cmdstanpy - INFO - Chain [1] done processing
01:48:30 - cmdstanpy - INFO - Chain [1] start processing
01:48:30 - cmdstanpy - INFO - Chain [1] done processing
01:48:31 - cmdstanpy - INFO - Chain [1] start processing
01:48:31 - cmdstanpy - INFO - Chain [1] done processing
01:48:31 - cmdstanpy - INFO - Chain [1] start processing
01:48:31 - cmdstanpy - INFO - Chain [1] done processing
01:48:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:31 - cmdstanpy - INFO - Chain [1] start processing
01:48:31 - cmdstanpy - INFO - Chain [1] done processing
01:48:32 - cmdstanpy - INFO - Chain [1] start processing
01:48:32 - cmdstanpy - INFO - Chain [1] done processing
01:48:32 - cmdstanpy - INFO - Chain [1] start processing
01:48:32 - cmdstanpy - INFO - Chain [1] done processing
01:48:32 - cmdstanpy - INFO - Chain [1] start processing
01:48:32 - cmdstanpy - INFO - Chain [1] done processing
01:48:33 - cmdstanpy - INFO - Chain [1] start processing
01:48:33 - cmdstanpy - INFO - Chain [1] done processing
01:48:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:33 - cmdstanpy - INFO - Chain [1] start processing
01:48:33 - cmdstanpy - INFO - Chain [1] done processing
01:48:33 - cmdstanpy - INFO - Chain [1] start processing
01:48:33 - cmdstanpy - INFO - Chain [1] done processing
01:48:34 - cmdstanpy - INFO - Chain [1] start processing
01:48:34 - cmdstanpy - INFO - Chain [1] done processing
01:48:34 - cmdstanpy - INFO - Chain [1] start processing
01:48:34 - cmdstanpy - INFO - Chain [1] done processing
01:48:34 - cmdstanpy - INFO - Chain [1] start processing
01:48:34 - cmdstanpy - INFO - Chain [1] done processing
01:48:35 - cmdstanpy - INFO - Chain [1] start processing
01:48:35 - cmdstanpy - INFO - Chain [1] done processing
01:48:35 - cmdstanpy - INFO - Chain [1] start processing
01:48:35 - cmdstanpy - INFO - Chain [1] done processing
01:48:35 - cmdstanpy - INFO - Chain [1] start processing
01:48:35 - cmdstanpy - INFO - Chain [1] done processing
01:48:36 - cmdstanpy - INFO - Chain [1] start processing
01:48:36 - cmdstanpy - INFO - Chain [1] done processing
01:48:36 - cmdstanpy - INFO - Chain [1] start processing
01:48:36 - cmdstanpy - INFO - Chain [1] done processing
01:48:37 - cmdstanpy - INFO - Chain [1] start processing
01:48:37 - cmdstanpy - INFO - Chain [1] done processing
01:48:37 - cmdstanpy - INFO - Chain [1] start processing
01:48:37 - cmdstanpy - INFO - Chain [1] done processing
01:48:37 - cmdstanpy - INFO - Chain [1] start processing
01:48:37 - cmdstanpy - INFO - Chain [1] done processing
01:48:38 - cmdstanpy - INFO - Chain [1] start processing
01:48:38 - cmdstanpy - INFO - Chain [1] done processing
01:48:38 - cmdstanpy - INFO - Chain [1] start processing
01:48:38 - cmdstanpy - INFO - Chain [1] done processing
01:48:38 - cmdstanpy - INFO - Chain [1] start processing
01:48:38 - cmdstanpy - INFO - Chain [1] done processing
01:48:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:38 - cmdstanpy - INFO - Chain [1] start processing
01:48:39 - cmdstanpy - INFO - Chain [1] done processing
01:48:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:48:39 - cmdstanpy - INFO - Chain [1] done processing
01:48:40 - cmdstanpy - INFO - Chain [1] start processing
01:48:40 - cmdstanpy - INFO - Chain [1] done processing
01:48:40 - cmdstanpy - INFO - Chain [1] start processing
01:48:40 - cmdstanpy - INFO - Chain [1] done processing
01:48:41 - cmdstanpy - INFO - Chain [1] start processing
01:48:41 - cmdstanpy - INFO - Chain [1] done processing
01:48:41 - cmdstanpy - INFO - Chain [1] start processing
01:48:41 - cmdstanpy - INFO - Chain [1] done processing
01:48:41 - cmdstanpy - INFO - Chain [1] start processing
01:48:41 - cmdstanpy - INFO - Chain [1] done processing
01:48:42 - cmdstanpy - INFO - Chain [1] start processing
01:48:42 - cmdstanpy - INFO - Chain [1] done processing
01:48:42 - cmdstanpy - INFO - Chain [1] start processing
01:48:42 - cmdstanpy - INFO - Chain [1] done processing
01:48:42 - cmdstanpy - INFO - Chain [1] start processing
01:48:42 - cmdstanpy - INFO - Chain [1] done processing
01:48:43 - cmdstanpy - INFO - Chain [1] start processing
01:48:43 - cmdstanpy - INFO - Chain [1] done processing
01:48:43 - cmdstanpy - INFO - Chain [1] start processing
01:48:43 - cmdstanpy - INFO - Chain [1] done processing
01:48:44 - cmdstanpy - INFO - Chain [1] start processing
01:48:44 - cmdstanpy - INFO - Chain [1] done processing
01:48:44 - cmdstanpy - INFO - Chain [1] start processing
01:48:44 - cmdstanpy - INFO - Chain [1] done processing
01:48:44 - cmdstanpy - INFO - Chain [1] start processing
01:48:44 - cmdstanpy - INFO - Chain [1] done processing
01:48:45 - cmdstanpy - INFO - Chain [1] start processing
01:48:45 - cmdstanpy - INFO - Chain [1] done processing
01:48:45 - cmdstanpy - INFO - Chain [1] start processing
01:48:45 - cmdstanpy - INFO - Chain [1] done processing
01:48:45 - cmdstanpy - INFO - Chain [1] start processing
01:48:45 - cmdstanpy - INFO - Chain [1] done processing
01:48:46 - cmdstanpy - INFO - Chain [1] start processing
01:48:46 - cmdstanpy - INFO - Chain [1] done processing
01:48:46 - cmdstanpy - INFO - Chain [1] start processing
01:48:46 - cmdstanpy - INFO - Chain [1] done processing
01:48:47 - cmdstanpy - INFO - Chain [1] start processing
01:48:47 - cmdstanpy - INFO - Chain [1] done processing
01:48:47 - cmdstanpy - INFO - Chain [1] start processing
01:48:47 - cmdstanpy - INFO - Chain [1] done processing
01:48:47 - cmdstanpy - INFO - Chain [1] start processing
01:48:47 - cmdstanpy - INFO - Chain [1] done processing
01:48:48 - cmdstanpy - INFO - Chain [1] start processing
01:48:48 - cmdstanpy - INFO - Chain [1] done processing
01:48:48 - cmdstanpy - INFO - Chain [1] start processing
01:48:48 - cmdstanpy - INFO - Chain [1] done processing
01:48:48 - cmdstanpy - INFO - Chain [1] start processing
01:48:48 - cmdstanpy - INFO - Chain [1] done processing
01:48:49 - cmdstanpy - INFO - Chain [1] start processing
01:48:49 - cmdstanpy - INFO - Chain [1] done processing
01:48:49 - cmdstanpy - INFO - Chain [1] start processing
01:48:49 - cmdstanpy - INFO - Chain [1] done processing
01:48:50 - cmdstanpy - INFO - Chain [1] start processing
01:48:50 - cmdstanpy - INFO - Chain [1] done processing
01:48:50 - cmdstanpy - INFO - Chain [1] start processing
01:48:50 - cmdstanpy - INFO - Chain [1] done processing
01:48:50 - cmdstanpy - INFO - Chain [1] start processing
01:48:50 - cmdstanpy - INFO - Chain [1] done processing
01:48:51 - cmdstanpy - INFO - Chain [1] start processing
01:48:51 - cmdstanpy - INFO - Chain [1] done processing
01:48:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

01:48:39 - cmdstanpy - INFO - Chain [1] done processing 01:48:39 - cmdstanpy - INFO - Chain [1] start processing

```
Optimization terminated abnormally. Falling back to Newton.
01:48:51 - cmdstanpy - INFO - Chain [1] start processing
01:48:51 - cmdstanpy - INFO - Chain [1] done processing
01:48:51 - cmdstanpy - INFO - Chain [1] start processing
01:48:52 - cmdstanpy - INFO - Chain [1] done processing
01:48:52 - cmdstanpy - INFO - Chain [1] start processing
01:48:52 - cmdstanpy - INFO - Chain [1] done processing
01:48:52 - cmdstanpy - INFO - Chain [1] start processing
01:48:52 - cmdstanpy - INFO - Chain [1] done processing
01:48:53 - cmdstanpy - INFO - Chain [1] start processing
01:48:53 - cmdstanpy - INFO - Chain [1] done processing
01:48:53 - cmdstanpy - INFO - Chain [1] start processing
01:48:53 - cmdstanpy - INFO - Chain [1] done processing
01:48:53 - cmdstanpy - INFO - Chain [1] start processing
01:48:53 - cmdstanpy - INFO - Chain [1] done processing
01:48:54 - cmdstanpy - INFO - Chain [1] start processing
01:48:54 - cmdstanpy - INFO - Chain [1] done processing
01:48:54 - cmdstanpy - INFO - Chain [1] start processing
01:48:54 - cmdstanpy - INFO - Chain [1] done processing
01:48:55 - cmdstanpy - INFO - Chain [1] start processing
01:48:55 - cmdstanpy - INFO - Chain [1] done processing
01:48:55 - cmdstanpy - INFO - Chain [1] start processing
01:48:55 - cmdstanpy - INFO - Chain [1] done processing
01:48:55 - cmdstanpy - INFO - Chain [1] start processing
01:48:55 - cmdstanpy - INFO - Chain [1] done processing
01:48:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:55 - cmdstanpy - INFO - Chain [1] start processing
01:48:56 - cmdstanpy - INFO - Chain [1] done processing
01:48:56 - cmdstanpy - INFO - Chain [1] start processing
01:48:56 - cmdstanpy - INFO - Chain [1] done processing
01:48:56 - cmdstanpy - INFO - Chain [1] start processing
01:48:56 - cmdstanpy - INFO - Chain [1] done processing
01:48:57 - cmdstanpy - INFO - Chain [1] start processing
01:48:57 - cmdstanpy - INFO - Chain [1] done processing
01:48:57 - cmdstanpy - INFO - Chain [1] start processing
01:48:57 - cmdstanpy - INFO - Chain [1] done processing
01:48:57 - cmdstanpy - INFO - Chain [1] start processing
01:48:57 - cmdstanpy - INFO - Chain [1] done processing
01:48:58 - cmdstanpy - INFO - Chain [1] start processing
01:48:58 - cmdstanpy - INFO - Chain [1] done processing
01:48:58 - cmdstanpy - INFO - Chain [1] start processing
01:48:58 - cmdstanpy - INFO - Chain [1] done processing
01:48:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:48:58 - cmdstanpy - INFO - Chain [1] start processing
01:48:58 - cmdstanpy - INFO - Chain [1] done processing
01:48:59 - cmdstanpy - INFO - Chain [1] start processing
01:48:59 - cmdstanpy - INFO - Chain [1] done processing
01:48:59 - cmdstanpy - INFO - Chain [1] start processing
01:48:59 - cmdstanpy - INFO - Chain [1] done processing
01:48:59 - cmdstanpy - INFO - Chain [1] start processing
01:48:59 - cmdstanpy - INFO - Chain [1] done processing
01:48:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:00 - cmdstanpy - INFO - Chain [1] start processing
01:49:00 - cmdstanpy - INFO - Chain [1] done processing
01:49:00 - cmdstanpy - INFO - Chain [1] start processing
01:49:00 - cmdstanpy - INFO - Chain [1] done processing
01:49:01 - cmdstanpy - INFO - Chain [1] start processing
01:49:01 - cmdstanpy - INFO - Chain [1] done processing
01:49:01 - cmdstanpy - INFO - Chain [1] start processing
01:49:01 - cmdstanpy - INFO - Chain [1] done processing
01:49:01 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:49:01 - cmdstanpy - INFO - Chain [1] done processing
01:49:02 - cmdstanpy - INFO - Chain [1] start processing
01:49:02 - cmdstanpy - INFO - Chain [1] done processing
01:49:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:02 - cmdstanpy - INFO - Chain [1] start processing
01:49:02 - cmdstanpy - INFO - Chain [1] done processing
01:49:02 - cmdstanpy - INFO - Chain [1] start processing
01:49:02 - cmdstanpy - INFO - Chain [1] done processing
01:49:03 - cmdstanpy - INFO - Chain [1] start processing
01:49:03 - cmdstanpy - INFO - Chain [1] done processing
01:49:03 - cmdstanpy - INFO - Chain [1] start processing
01:49:03 - cmdstanpy - INFO - Chain [1] done processing
01:49:04 - cmdstanpy - INFO - Chain [1] start processing
01:49:04 - cmdstanpy - INFO - Chain [1] done processing
01:49:04 - cmdstanpy - INFO - Chain [1] start processing
01:49:04 - cmdstanpy - INFO - Chain [1] done processing
01:49:04 - cmdstanpy - INFO - Chain [1] start processing
01:49:04 - cmdstanpy - INFO - Chain [1] done processing
01:49:05 - cmdstanpy - INFO - Chain [1] start processing
01:49:05 - cmdstanpy - INFO - Chain [1] done processing
01:49:05 - cmdstanpy - INFO - Chain [1] start processing
01:49:05 - cmdstanpy - INFO - Chain [1] done processing
01:49:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:05 - cmdstanpy - INFO - Chain [1] start processing
01:49:05 - cmdstanpy - INFO - Chain [1] done processing
01:49:06 - cmdstanpy - INFO - Chain [1] start processing
01:49:06 - cmdstanpy - INFO - Chain [1] done processing
01:49:06 - cmdstanpy - INFO - Chain [1] start processing
01:49:06 - cmdstanpy - INFO - Chain [1] done processing
01:49:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:06 - cmdstanpy - INFO - Chain [1] start processing
01:49:07 - cmdstanpy - INFO - Chain [1] done processing
01:49:07 - cmdstanpy - INFO - Chain [1] start processing
01:49:07 - cmdstanpy - INFO - Chain [1] done processing
01:49:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:07 - cmdstanpy - INFO - Chain [1] start processing
01:49:07 - cmdstanpy - INFO - Chain [1] done processing
01:49:08 - cmdstanpy - INFO - Chain [1] start processing
01:49:08 - cmdstanpy - INFO - Chain [1] done processing
01:49:08 - cmdstanpy - INFO - Chain [1] start processing
01:49:08 - cmdstanpy - INFO - Chain [1] done processing
01:49:08 - cmdstanpy - INFO - Chain [1] start processing
01:49:08 - cmdstanpy - INFO - Chain [1] done processing
01:49:09 - cmdstanpy - INFO - Chain [1] start processing
01:49:09 - cmdstanpy - INFO - Chain [1] done processing
01:49:09 - cmdstanpy - INFO - Chain [1] start processing
01:49:09 - cmdstanpy - INFO - Chain [1] done processing
01:49:09 - cmdstanpy - INFO - Chain [1] start processing
01:49:09 - cmdstanpy - INFO - Chain [1] done processing
01:49:10 - cmdstanpy - INFO - Chain [1] start processing
01:49:10 - cmdstanpy - INFO - Chain [1] done processing
01:49:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:10 - cmdstanpy - INFO - Chain [1] start processing
01:49:10 - cmdstanpy - INFO - Chain [1] done processing
01:49:11 - cmdstanpy - INFO - Chain [1] start processing
01:49:11 - cmdstanpy - INFO - Chain [1] done processing
01:49:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:11 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:49:11 - cmdstanpy - INFO - Chain [1] done processing
01:49:11 - cmdstanpy - INFO - Chain [1] start processing
01:49:11 - cmdstanpy - INFO - Chain [1] done processing
01:49:12 - cmdstanpy - INFO - Chain [1] start processing
01:49:12 - cmdstanpy - INFO - Chain [1] done processing
01:49:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:12 - cmdstanpy - INFO - Chain [1] start processing
01:49:12 - cmdstanpy - INFO - Chain [1] done processing
01:49:12 - cmdstanpy - INFO - Chain [1] start processing
01:49:12 - cmdstanpy - INFO - Chain [1] done processing
01:49:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:12 - cmdstanpy - INFO - Chain [1] start processing
01:49:13 - cmdstanpy - INFO - Chain [1] done processing
01:49:13 - cmdstanpy - INFO - Chain [1] start processing
01:49:13 - cmdstanpy - INFO - Chain [1] done processing
01:49:13 - cmdstanpy - INFO - Chain [1] start processing
01:49:13 - cmdstanpy - INFO - Chain [1] done processing
01:49:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:13 - cmdstanpy - INFO - Chain [1] start processing
01:49:13 - cmdstanpy - INFO - Chain [1] done processing
01:49:14 - cmdstanpy - INFO - Chain [1] start processing
01:49:14 - cmdstanpy - INFO - Chain [1] done processing
01:49:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:14 - cmdstanpy - INFO - Chain [1] start processing
01:49:14 - cmdstanpy - INFO - Chain [1] done processing
01:49:14 - cmdstanpy - INFO - Chain [1] start processing
01:49:14 - cmdstanpy - INFO - Chain [1] done processing
01:49:15 - cmdstanpy - INFO - Chain [1] start processing
01:49:15 - cmdstanpy - INFO - Chain [1] done processing
01:49:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:15 - cmdstanpy - INFO - Chain [1] start processing
01:49:15 - cmdstanpy - INFO - Chain [1] done processing
01:49:15 - cmdstanpy - INFO - Chain [1] start processing
01:49:15 - cmdstanpy - INFO - Chain [1] done processing
01:49:16 - cmdstanpy - INFO - Chain [1] start processing
01:49:16 - cmdstanpy - INFO - Chain [1] done processing
01:49:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:16 - cmdstanpy - INFO - Chain [1] start processing
01:49:16 - cmdstanpy - INFO - Chain [1] done processing
01:49:16 - cmdstanpy - INFO - Chain [1] start processing
01:49:16 - cmdstanpy - INFO - Chain [1] done processing
01:49:17 - cmdstanpy - INFO - Chain [1] start processing
01:49:17 - cmdstanpy - INFO - Chain [1] done processing
01:49:17 - cmdstanpy - INFO - Chain [1] start processing
01:49:17 - cmdstanpy - INFO - Chain [1] done processing
01:49:17 - cmdstanpy - INFO - Chain [1] start processing
01:49:17 - cmdstanpy - INFO - Chain [1] done processing
01:49:18 - cmdstanpy - INFO - Chain [1] start processing
01:49:18 - cmdstanpy - INFO - Chain [1] done processing
01:49:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:18 - cmdstanpy - INFO - Chain [1] start processing
01:49:18 - cmdstanpy - INFO - Chain [1] done processing
01:49:18 - cmdstanpy - INFO - Chain [1] start processing
01:49:19 - cmdstanpy - INFO - Chain [1] done processing
01:49:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:19 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:49:19 - cmdstanpy - INFO - Chain [1] done processing
01:49:19 - cmdstanpy - INFO - Chain [1] start processing
01:49:19 - cmdstanpy - INFO - Chain [1] done processing
01:49:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:19 - cmdstanpy - INFO - Chain [1] start processing
01:49:19 - cmdstanpy - INFO - Chain [1] done processing
01:49:20 - cmdstanpy - INFO - Chain [1] start processing
01:49:20 - cmdstanpy - INFO - Chain [1] done processing
01:49:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:20 - cmdstanpy - INFO - Chain [1] start processing
01:49:20 - cmdstanpy - INFO - Chain [1] done processing
01:49:20 - cmdstanpy - INFO - Chain [1] start processing
01:49:20 - cmdstanpy - INFO - Chain [1] done processing
01:49:21 - cmdstanpy - INFO - Chain [1] start processing
01:49:21 - cmdstanpy - INFO - Chain [1] done processing
01:49:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:21 - cmdstanpy - INFO - Chain [1] start processing
01:49:21 - cmdstanpy - INFO - Chain [1] done processing
01:49:21 - cmdstanpy - INFO - Chain [1] start processing
01:49:21 - cmdstanpy - INFO - Chain [1] done processing
01:49:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:22 - cmdstanpy - INFO - Chain [1] start processing
01:49:22 - cmdstanpy - INFO - Chain [1] done processing
01:49:22 - cmdstanpy - INFO - Chain [1] start processing
01:49:22 - cmdstanpy - INFO - Chain [1] done processing
01:49:22 - cmdstanpy - INFO - Chain [1] start processing
01:49:23 - cmdstanpy - INFO - Chain [1] done processing
01:49:23 - cmdstanpy - INFO - Chain [1] start processing
01:49:23 - cmdstanpy - INFO - Chain [1] done processing
01:49:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:23 - cmdstanpy - INFO - Chain [1] start processing
01:49:23 - cmdstanpy - INFO - Chain [1] done processing
01:49:23 - cmdstanpy - INFO - Chain [1] start processing
01:49:24 - cmdstanpy - INFO - Chain [1] done processing
01:49:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:24 - cmdstanpy - INFO - Chain [1] start processing
01:49:24 - cmdstanpy - INFO - Chain [1] done processing
01:49:24 - cmdstanpy - INFO - Chain [1] start processing
01:49:24 - cmdstanpy - INFO - Chain [1] done processing
01:49:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:24 - cmdstanpy - INFO - Chain [1] start processing
01:49:24 - cmdstanpy - INFO - Chain [1] done processing
01:49:25 - cmdstanpy - INFO - Chain [1] start processing
01:49:25 - cmdstanpy - INFO - Chain [1] done processing
01:49:25 - cmdstanpy - INFO - Chain [1] start processing
01:49:25 - cmdstanpy - INFO - Chain [1] done processing
01:49:26 - cmdstanpy - INFO - Chain [1] start processing
01:49:26 - cmdstanpy - INFO - Chain [1] done processing
01:49:26 - cmdstanpy - INFO - Chain [1] start processing
01:49:26 - cmdstanpy - INFO - Chain [1] done processing
01:49:26 - cmdstanpy - INFO - Chain [1] start processing
01:49:26 - cmdstanpy - INFO - Chain [1] done processing
01:49:27 - cmdstanpy - INFO - Chain [1] start processing
01:49:27 - cmdstanpy - INFO - Chain [1] done processing
01:49:27 - cmdstanpy - INFO - Chain [1] start processing
01:49:27 - cmdstanpy - INFO - Chain [1] done processing
01:49:27 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:49:28 - cmdstanpy - INFO - Chain [1] done processing
01:49:28 - cmdstanpy - INFO - Chain [1] start processing
01:49:28 - cmdstanpy - INFO - Chain [1] done processing
01:49:28 - cmdstanpy - INFO - Chain [1] start processing
01:49:28 - cmdstanpy - INFO - Chain [1] done processing
01:49:29 - cmdstanpy - INFO - Chain [1] start processing
01:49:29 - cmdstanpy - INFO - Chain [1] done processing
01:49:29 - cmdstanpy - INFO - Chain [1] start processing
01:49:29 - cmdstanpy - INFO - Chain [1] done processing
01:49:29 - cmdstanpy - INFO - Chain [1] start processing
01:49:29 - cmdstanpy - INFO - Chain [1] done processing
01:49:30 - cmdstanpy - INFO - Chain [1] start processing
01:49:30 - cmdstanpy - INFO - Chain [1] done processing
01:49:30 - cmdstanpy - INFO - Chain [1] start processing
01:49:30 - cmdstanpy - INFO - Chain [1] done processing
01:49:30 - cmdstanpy - INFO - Chain [1] start processing
01:49:30 - cmdstanpy - INFO - Chain [1] done processing
01:49:31 - cmdstanpy - INFO - Chain [1] start processing
01:49:31 - cmdstanpy - INFO - Chain [1] done processing
01:49:31 - cmdstanpy - INFO - Chain [1] start processing
01:49:31 - cmdstanpy - INFO - Chain [1] done processing
01:49:31 - cmdstanpy - INFO - Chain [1] start processing
01:49:32 - cmdstanpy - INFO - Chain [1] done processing
01:49:32 - cmdstanpy - INFO - Chain [1] start processing
01:49:32 - cmdstanpy - INFO - Chain [1] done processing
01:49:32 - cmdstanpy - INFO - Chain [1] start processing
01:49:32 - cmdstanpy - INFO - Chain [1] done processing
01:49:33 - cmdstanpy - INFO - Chain [1] start processing
01:49:33 - cmdstanpy - INFO - Chain [1] done processing
01:49:33 - cmdstanpy - INFO - Chain [1] start processing
01:49:33 - cmdstanpy - INFO - Chain [1] done processing
01:49:33 - cmdstanpy - INFO - Chain [1] start processing
01:49:33 - cmdstanpy - INFO - Chain [1] done processing
01:49:34 - cmdstanpy - INFO - Chain [1] start processing
01:49:34 - cmdstanpy - INFO - Chain [1] done processing
01:49:34 - cmdstanpy - INFO - Chain [1] start processing
01:49:34 - cmdstanpy - INFO - Chain [1] done processing
01:49:34 - cmdstanpy - INFO - Chain [1] start processing
01:49:35 - cmdstanpy - INFO - Chain [1] done processing
01:49:35 - cmdstanpy - INFO - Chain [1] start processing
01:49:35 - cmdstanpy - INFO - Chain [1] done processing
01:49:35 - cmdstanpy - INFO - Chain [1] start processing
01:49:35 - cmdstanpy - INFO - Chain [1] done processing
01:49:35 - cmdstanpy - INFO - Chain [1] start processing
01:49:36 - cmdstanpy - INFO - Chain [1] done processing
01:49:36 - cmdstanpy - INFO - Chain [1] start processing
01:49:36 - cmdstanpy - INFO - Chain [1] done processing
01:49:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:36 - cmdstanpy - INFO - Chain [1] start processing
01:49:36 - cmdstanpy - INFO - Chain [1] done processing
01:49:37 - cmdstanpy - INFO - Chain [1] start processing
01:49:37 - cmdstanpy - INFO - Chain [1] done processing
01:49:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:37 - cmdstanpy - INFO - Chain [1] start processing
01:49:37 - cmdstanpy - INFO - Chain [1] done processing
01:49:37 - cmdstanpy - INFO - Chain [1] start processing
01:49:37 - cmdstanpy - INFO - Chain [1] done processing
01:49:38 - cmdstanpy - INFO - Chain [1] start processing
01:49:38 - cmdstanpy - INFO - Chain [1] done processing
01:49:38 - cmdstanpy - INFO - Chain [1] start processing
01:49:38 - cmdstanpy - INFO - Chain [1] done processing
01:49:38 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:49:38 - cmdstanpy - INFO - Chain [1] done processing
01:49:39 - cmdstanpy - INFO - Chain [1] start processing
01:49:39 - cmdstanpy - INFO - Chain [1] done processing
01:49:39 - cmdstanpy - INFO - Chain [1] start processing
01:49:39 - cmdstanpy - INFO - Chain [1] done processing
01:49:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:39 - cmdstanpy - INFO - Chain [1] start processing
01:49:39 - cmdstanpy - INFO - Chain [1] done processing
01:49:40 - cmdstanpy - INFO - Chain [1] start processing
01:49:40 - cmdstanpy - INFO - Chain [1] done processing
01:49:40 - cmdstanpy - INFO - Chain [1] start processing
01:49:40 - cmdstanpy - INFO - Chain [1] done processing
01:49:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:49:40 - cmdstanpy - INFO - Chain [1] start processing
01:49:41 - cmdstanpy - INFO - Chain [1] done processing
01:49:41 - cmdstanpy - INFO - Chain [1] start processing
01:49:41 - cmdstanpy - INFO - Chain [1] done processing
01:49:41 - cmdstanpy - INFO - Chain [1] start processing
01:49:41 - cmdstanpy - INFO - Chain [1] done processing
01:49:42 - cmdstanpy - INFO - Chain [1] start processing
01:49:42 - cmdstanpy - INFO - Chain [1] done processing
01:49:42 - cmdstanpy - INFO - Chain [1] start processing
01:49:42 - cmdstanpy - INFO - Chain [1] done processing
01:49:42 - cmdstanpy - INFO - Chain [1] start processing
01:49:42 - cmdstanpy - INFO - Chain [1] done processing
01:49:43 - cmdstanpy - INFO - Chain [1] start processing
01:49:43 - cmdstanpy - INFO - Chain [1] done processing
01:49:44 - cmdstanpy - INFO - Chain [1] start processing
01:49:44 - cmdstanpy - INFO - Chain [1] done processing
01:49:44 - cmdstanpy - INFO - Chain [1] start processing
01:49:44 - cmdstanpy - INFO - Chain [1] done processing
01:49:45 - cmdstanpy - INFO - Chain [1] start processing
01:49:45 - cmdstanpy - INFO - Chain [1] done processing
01:49:45 - cmdstanpy - INFO - Chain [1] start processing
01:49:45 - cmdstanpy - INFO - Chain [1] done processing
01:49:46 - cmdstanpy - INFO - Chain [1] start processing
01:49:46 - cmdstanpy - INFO - Chain [1] done processing
01:49:46 - cmdstanpy - INFO - Chain [1] start processing
01:49:46 - cmdstanpy - INFO - Chain [1] done processing
01:49:46 - cmdstanpy - INFO - Chain [1] start processing
01:49:46 - cmdstanpy - INFO - Chain [1] done processing
01:49:47 - cmdstanpy - INFO - Chain [1] start processing
01:49:47 - cmdstanpy - INFO - Chain [1] done processing
01:49:47 - cmdstanpy - INFO - Chain [1] start processing
01:49:47 - cmdstanpy - INFO - Chain [1] done processing
01:49:48 - cmdstanpy - INFO - Chain [1] start processing
01:49:48 - cmdstanpy - INFO - Chain [1] done processing
01:49:48 - cmdstanpy - INFO - Chain [1] start processing
01:49:48 - cmdstanpy - INFO - Chain [1] done processing
01:49:49 - cmdstanpy - INFO - Chain [1] start processing
01:49:49 - cmdstanpy - INFO - Chain [1] done processing
01:49:49 - cmdstanpy - INFO - Chain [1] start processing
01:49:49 - cmdstanpy - INFO - Chain [1] done processing
01:49:49 - cmdstanpy - INFO - Chain [1] start processing
01:49:49 - cmdstanpy - INFO - Chain [1] done processing
01:49:50 - cmdstanpy - INFO - Chain [1] start processing
01:49:50 - cmdstanpy - INFO - Chain [1] done processing
01:49:50 - cmdstanpy - INFO - Chain [1] start processing
01:49:50 - cmdstanpy - INFO - Chain [1] done processing
01:49:51 - cmdstanpy - INFO - Chain [1] start processing
01:49:51 - cmdstanpy - INFO - Chain [1] done processing
01:49:51 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:49:51 - cmdstanpy - INFO - Chain [1] done processing
01:49:51 - cmdstanpy - INFO - Chain [1] start processing
01:49:51 - cmdstanpy - INFO - Chain [1] done processing
01:49:52 - cmdstanpy - INFO - Chain [1] start processing
01:49:52 - cmdstanpy - INFO - Chain [1] done processing
01:49:52 - cmdstanpy - INFO - Chain [1] start processing
01:49:52 - cmdstanpy - INFO - Chain [1] done processing
01:49:53 - cmdstanpy - INFO - Chain [1] start processing
01:49:53 - cmdstanpy - INFO - Chain [1] done processing
01:49:53 - cmdstanpy - INFO - Chain [1] start processing
01:49:53 - cmdstanpy - INFO - Chain [1] done processing
01:49:53 - cmdstanpy - INFO - Chain [1] start processing
01:49:53 - cmdstanpy - INFO - Chain [1] done processing
01:49:54 - cmdstanpy - INFO - Chain [1] start processing
01:49:54 - cmdstanpy - INFO - Chain [1] done processing
01:49:54 - cmdstanpy - INFO - Chain [1] start processing
01:49:54 - cmdstanpy - INFO - Chain [1] done processing
01:49:55 - cmdstanpy - INFO - Chain [1] start processing
01:49:55 - cmdstanpy - INFO - Chain [1] done processing
01:49:55 - cmdstanpy - INFO - Chain [1] start processing
01:49:55 - cmdstanpy - INFO - Chain [1] done processing
01:49:56 - cmdstanpy - INFO - Chain [1] start processing
01:49:56 - cmdstanpy - INFO - Chain [1] done processing
01:49:56 - cmdstanpy - INFO - Chain [1] start processing
01:49:56 - cmdstanpy - INFO - Chain [1] done processing
01:49:56 - cmdstanpy - INFO - Chain [1] start processing
01:49:56 - cmdstanpy - INFO - Chain [1] done processing
01:49:57 - cmdstanpy - INFO - Chain [1] start processing
01:49:57 - cmdstanpy - INFO - Chain [1] done processing
01:49:57 - cmdstanpy - INFO - Chain [1] start processing
01:49:57 - cmdstanpy - INFO - Chain [1] done processing
01:49:58 - cmdstanpy - INFO - Chain [1] start processing
01:49:58 - cmdstanpy - INFO - Chain [1] done processing
01:49:58 - cmdstanpy - INFO - Chain [1] start processing
01:49:58 - cmdstanpy - INFO - Chain [1] done processing
01:49:59 - cmdstanpy - INFO - Chain [1] start processing
01:49:59 - cmdstanpy - INFO - Chain [1] done processing
01:49:59 - cmdstanpy - INFO - Chain [1] start processing
01:49:59 - cmdstanpy - INFO - Chain [1] done processing
01:49:59 - cmdstanpy - INFO - Chain [1] start processing
01:49:59 - cmdstanpy - INFO - Chain [1] done processing
01:50:00 - cmdstanpy - INFO - Chain [1] start processing
01:50:00 - cmdstanpy - INFO - Chain [1] done processing
01:50:00 - cmdstanpy - INFO - Chain [1] start processing
01:50:00 - cmdstanpy - INFO - Chain [1] done processing
01:50:01 - cmdstanpy - INFO - Chain [1] start processing
01:50:01 - cmdstanpy - INFO - Chain [1] done processing
01:50:01 - cmdstanpy - INFO - Chain [1] start processing
01:50:01 - cmdstanpy - INFO - Chain [1] done processing
01:50:01 - cmdstanpy - INFO - Chain [1] start processing
01:50:01 - cmdstanpy - INFO - Chain [1] done processing
01:50:02 - cmdstanpy - INFO - Chain [1] start processing
01:50:02 - cmdstanpy - INFO - Chain [1] done processing
01:50:02 - cmdstanpy - INFO - Chain [1] start processing
01:50:02 - cmdstanpy - INFO - Chain [1] done processing
01:50:02 - cmdstanpy - INFO - Chain [1] start processing
01:50:03 - cmdstanpy - INFO - Chain [1] done processing
01:50:03 - cmdstanpy - INFO - Chain [1] start processing
01:50:03 - cmdstanpy - INFO - Chain [1] done processing
01:50:03 - cmdstanpy - INFO - Chain [1] start processing
01:50:03 - cmdstanpy - INFO - Chain [1] done processing
01:50:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:03 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:50:04 - cmdstanpy - INFO - Chain [1] done processing
01:50:04 - cmdstanpy - INFO - Chain [1] start processing
01:50:04 - cmdstanpy - INFO - Chain [1] done processing
01:50:04 - cmdstanpy - INFO - Chain [1] start processing
01:50:04 - cmdstanpy - INFO - Chain [1] done processing
01:50:05 - cmdstanpy - INFO - Chain [1] start processing
01:50:05 - cmdstanpy - INFO - Chain [1] done processing
01:50:05 - cmdstanpy - INFO - Chain [1] start processing
01:50:05 - cmdstanpy - INFO - Chain [1] done processing
01:50:05 - cmdstanpy - INFO - Chain [1] start processing
01:50:05 - cmdstanpy - INFO - Chain [1] done processing
01:50:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:06 - cmdstanpy - INFO - Chain [1] start processing
01:50:06 - cmdstanpy - INFO - Chain [1] done processing
01:50:06 - cmdstanpy - INFO - Chain [1] start processing
01:50:06 - cmdstanpy - INFO - Chain [1] done processing
01:50:06 - cmdstanpy - INFO - Chain [1] start processing
01:50:06 - cmdstanpy - INFO - Chain [1] done processing
01:50:07 - cmdstanpy - INFO - Chain [1] start processing
01:50:07 - cmdstanpy - INFO - Chain [1] done processing
01:50:07 - cmdstanpy - INFO - Chain [1] start processing
01:50:07 - cmdstanpy - INFO - Chain [1] done processing
01:50:08 - cmdstanpy - INFO - Chain [1] start processing
01:50:08 - cmdstanpy - INFO - Chain [1] done processing
01:50:08 - cmdstanpy - INFO - Chain [1] start processing
01:50:08 - cmdstanpy - INFO - Chain [1] done processing
01:50:08 - cmdstanpy - INFO - Chain [1] start processing
01:50:08 - cmdstanpy - INFO - Chain [1] done processing
01:50:09 - cmdstanpy - INFO - Chain [1] start processing
01:50:09 - cmdstanpy - INFO - Chain [1] done processing
01:50:09 - cmdstanpy - INFO - Chain [1] start processing
01:50:09 - cmdstanpy - INFO - Chain [1] done processing
01:50:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:09 - cmdstanpy - INFO - Chain [1] start processing
01:50:09 - cmdstanpy - INFO - Chain [1] done processing
01:50:10 - cmdstanpy - INFO - Chain [1] start processing
01:50:10 - cmdstanpy - INFO - Chain [1] done processing
01:50:10 - cmdstanpy - INFO - Chain [1] start processing
01:50:10 - cmdstanpy - INFO - Chain [1] done processing
01:50:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:10 - cmdstanpy - INFO - Chain [1] start processing
01:50:11 - cmdstanpy - INFO - Chain [1] done processing
01:50:11 - cmdstanpy - INFO - Chain [1] start processing
01:50:11 - cmdstanpy - INFO - Chain [1] done processing
01:50:11 - cmdstanpy - INFO - Chain [1] start processing
01:50:11 - cmdstanpy - INFO - Chain [1] done processing
01:50:12 - cmdstanpy - INFO - Chain [1] start processing
01:50:12 - cmdstanpy - INFO - Chain [1] done processing
01:50:12 - cmdstanpy - INFO - Chain [1] start processing
01:50:12 - cmdstanpy - INFO - Chain [1] done processing
01:50:12 - cmdstanpy - INFO - Chain [1] start processing
01:50:12 - cmdstanpy - INFO - Chain [1] done processing
01:50:13 - cmdstanpy - INFO - Chain [1] start processing
01:50:13 - cmdstanpy - INFO - Chain [1] done processing
01:50:13 - cmdstanpy - INFO - Chain [1] start processing
01:50:13 - cmdstanpy - INFO - Chain [1] done processing
01:50:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:13 - cmdstanpy - INFO - Chain [1] start processing
01:50:14 - cmdstanpy - INFO - Chain [1] done processing
01:50:14 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:50:14 - cmdstanpy - INFO - Chain [1] done processing
01:50:14 - cmdstanpy - INFO - Chain [1] start processing
01:50:14 - cmdstanpy - INFO - Chain [1] done processing
01:50:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:14 - cmdstanpy - INFO - Chain [1] start processing
01:50:15 - cmdstanpy - INFO - Chain [1] done processing
01:50:15 - cmdstanpy - INFO - Chain [1] start processing
01:50:15 - cmdstanpy - INFO - Chain [1] done processing
01:50:15 - cmdstanpy - INFO - Chain [1] start processing
01:50:15 - cmdstanpy - INFO - Chain [1] done processing
01:50:16 - cmdstanpy - INFO - Chain [1] start processing
01:50:16 - cmdstanpy - INFO - Chain [1] done processing
01:50:16 - cmdstanpy - INFO - Chain [1] start processing
01:50:16 - cmdstanpy - INFO - Chain [1] done processing
01:50:16 - cmdstanpy - INFO - Chain [1] start processing
01:50:17 - cmdstanpy - INFO - Chain [1] done processing
01:50:17 - cmdstanpy - INFO - Chain [1] start processing
01:50:17 - cmdstanpy - INFO - Chain [1] done processing
01:50:17 - cmdstanpy - INFO - Chain [1] start processing
01:50:17 - cmdstanpy - INFO - Chain [1] done processing
01:50:18 - cmdstanpy - INFO - Chain [1] start processing
01:50:18 - cmdstanpy - INFO - Chain [1] done processing
01:50:18 - cmdstanpy - INFO - Chain [1] start processing
01:50:18 - cmdstanpy - INFO - Chain [1] done processing
01:50:18 - cmdstanpy - INFO - Chain [1] start processing
01:50:18 - cmdstanpy - INFO - Chain [1] done processing
01:50:19 - cmdstanpy - INFO - Chain [1] start processing
01:50:19 - cmdstanpy - INFO - Chain [1] done processing
01:50:19 - cmdstanpy - INFO - Chain [1] start processing
01:50:19 - cmdstanpy - INFO - Chain [1] done processing
01:50:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:19 - cmdstanpy - INFO - Chain [1] start processing
01:50:19 - cmdstanpy - INFO - Chain [1] done processing
01:50:20 - cmdstanpy - INFO - Chain [1] start processing
01:50:20 - cmdstanpy - INFO - Chain [1] done processing
01:50:20 - cmdstanpy - INFO - Chain [1] start processing
01:50:20 - cmdstanpy - INFO - Chain [1] done processing
01:50:20 - cmdstanpy - INFO - Chain [1] start processing
01:50:21 - cmdstanpy - INFO - Chain [1] done processing
01:50:21 - cmdstanpy - INFO - Chain [1] start processing
01:50:21 - cmdstanpy - INFO - Chain [1] done processing
01:50:21 - cmdstanpy - INFO - Chain [1] start processing
01:50:21 - cmdstanpy - INFO - Chain [1] done processing
01:50:22 - cmdstanpy - INFO - Chain [1] start processing
01:50:22 - cmdstanpy - INFO - Chain [1] done processing
01:50:22 - cmdstanpy - INFO - Chain [1] start processing
01:50:22 - cmdstanpy - INFO - Chain [1] done processing
01:50:22 - cmdstanpy - INFO - Chain [1] start processing
01:50:22 - cmdstanpy - INFO - Chain [1] done processing
01:50:23 - cmdstanpy - INFO - Chain [1] start processing
01:50:23 - cmdstanpy - INFO - Chain [1] done processing
01:50:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:23 - cmdstanpy - INFO - Chain [1] start processing
01:50:23 - cmdstanpy - INFO - Chain [1] done processing
01:50:24 - cmdstanpy - INFO - Chain [1] start processing
01:50:24 - cmdstanpy - INFO - Chain [1] done processing
01:50:24 - cmdstanpy - INFO - Chain [1] start processing
01:50:24 - cmdstanpy - INFO - Chain [1] done processing
01:50:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:24 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:50:24 - cmdstanpy - INFO - Chain [1] done processing
01:50:24 - cmdstanpy - INFO - Chain [1] start processing
01:50:25 - cmdstanpy - INFO - Chain [1] done processing
01:50:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:25 - cmdstanpy - INFO - Chain [1] start processing
01:50:25 - cmdstanpy - INFO - Chain [1] done processing
01:50:25 - cmdstanpy - INFO - Chain [1] start processing
01:50:25 - cmdstanpy - INFO - Chain [1] done processing
01:50:25 - cmdstanpy - INFO - Chain [1] start processing
01:50:26 - cmdstanpy - INFO - Chain [1] done processing
01:50:26 - cmdstanpy - INFO - Chain [1] start processing
01:50:26 - cmdstanpy - INFO - Chain [1] done processing
01:50:26 - cmdstanpy - INFO - Chain [1] start processing
01:50:26 - cmdstanpy - INFO - Chain [1] done processing
01:50:27 - cmdstanpy - INFO - Chain [1] start processing
01:50:27 - cmdstanpy - INFO - Chain [1] done processing
01:50:27 - cmdstanpy - INFO - Chain [1] start processing
01:50:27 - cmdstanpy - INFO - Chain [1] done processing
01:50:27 - cmdstanpy - INFO - Chain [1] start processing
01:50:27 - cmdstanpy - INFO - Chain [1] done processing
01:50:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:27 - cmdstanpy - INFO - Chain [1] start processing
01:50:28 - cmdstanpy - INFO - Chain [1] done processing
01:50:28 - cmdstanpy - INFO - Chain [1] start processing
01:50:28 - cmdstanpy - INFO - Chain [1] done processing
01:50:28 - cmdstanpy - INFO - Chain [1] start processing
01:50:29 - cmdstanpy - INFO - Chain [1] done processing
01:50:29 - cmdstanpy - INFO - Chain [1] start processing
01:50:29 - cmdstanpy - INFO - Chain [1] done processing
01:50:29 - cmdstanpy - INFO - Chain [1] start processing
01:50:29 - cmdstanpy - INFO - Chain [1] done processing
01:50:30 - cmdstanpy - INFO - Chain [1] start processing
01:50:30 - cmdstanpy - INFO - Chain [1] done processing
01:50:30 - cmdstanpy - INFO - Chain [1] start processing
01:50:30 - cmdstanpy - INFO - Chain [1] done processing
01:50:30 - cmdstanpy - INFO - Chain [1] start processing
01:50:31 - cmdstanpy - INFO - Chain [1] done processing
01:50:31 - cmdstanpy - INFO - Chain [1] start processing
01:50:31 - cmdstanpy - INFO - Chain [1] done processing
01:50:31 - cmdstanpy - INFO - Chain [1] start processing
01:50:31 - cmdstanpy - INFO - Chain [1] done processing
01:50:32 - cmdstanpy - INFO - Chain [1] start processing
01:50:32 - cmdstanpy - INFO - Chain [1] done processing
01:50:32 - cmdstanpy - INFO - Chain [1] start processing
01:50:32 - cmdstanpy - INFO - Chain [1] done processing
01:50:32 - cmdstanpy - INFO - Chain [1] start processing
01:50:32 - cmdstanpy - INFO - Chain [1] done processing
01:50:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:32 - cmdstanpy - INFO - Chain [1] start processing
01:50:33 - cmdstanpy - INFO - Chain [1] done processing
01:50:33 - cmdstanpy - INFO - Chain [1] start processing
01:50:33 - cmdstanpy - INFO - Chain [1] done processing
01:50:33 - cmdstanpy - INFO - Chain [1] start processing
01:50:33 - cmdstanpy - INFO - Chain [1] done processing
01:50:34 - cmdstanpy - INFO - Chain [1] start processing
01:50:34 - cmdstanpy - INFO - Chain [1] done processing
01:50:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:34 - cmdstanpy - INFO - Chain [1] start processing
01:50:34 - cmdstanpy - INFO - Chain [1] done processing
01:50:34 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:50:35 - cmdstanpy - INFO - Chain [1] done processing
01:50:35 - cmdstanpy - INFO - Chain [1] start processing
01:50:35 - cmdstanpy - INFO - Chain [1] done processing
01:50:35 - cmdstanpy - INFO - Chain [1] start processing
01:50:35 - cmdstanpy - INFO - Chain [1] done processing
01:50:36 - cmdstanpy - INFO - Chain [1] start processing
01:50:36 - cmdstanpy - INFO - Chain [1] done processing
01:50:36 - cmdstanpy - INFO - Chain [1] start processing
01:50:36 - cmdstanpy - INFO - Chain [1] done processing
01:50:36 - cmdstanpy - INFO - Chain [1] start processing
01:50:36 - cmdstanpy - INFO - Chain [1] done processing
01:50:37 - cmdstanpy - INFO - Chain [1] start processing
01:50:37 - cmdstanpy - INFO - Chain [1] done processing
01:50:37 - cmdstanpy - INFO - Chain [1] start processing
01:50:37 - cmdstanpy - INFO - Chain [1] done processing
01:50:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:37 - cmdstanpy - INFO - Chain [1] start processing
01:50:37 - cmdstanpy - INFO - Chain [1] done processing
01:50:38 - cmdstanpy - INFO - Chain [1] start processing
01:50:38 - cmdstanpy - INFO - Chain [1] done processing
01:50:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:38 - cmdstanpy - INFO - Chain [1] start processing
01:50:38 - cmdstanpy - INFO - Chain [1] done processing
01:50:39 - cmdstanpy - INFO - Chain [1] start processing
01:50:39 - cmdstanpy - INFO - Chain [1] done processing
01:50:39 - cmdstanpy - INFO - Chain [1] start processing
01:50:39 - cmdstanpy - INFO - Chain [1] done processing
01:50:39 - cmdstanpy - INFO - Chain [1] start processing
01:50:39 - cmdstanpy - INFO - Chain [1] done processing
01:50:40 - cmdstanpy - INFO - Chain [1] start processing
01:50:40 - cmdstanpy - INFO - Chain [1] done processing
01:50:40 - cmdstanpy - INFO - Chain [1] start processing
01:50:40 - cmdstanpy - INFO - Chain [1] done processing
01:50:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:40 - cmdstanpy - INFO - Chain [1] start processing
01:50:41 - cmdstanpy - INFO - Chain [1] done processing
01:50:41 - cmdstanpy - INFO - Chain [1] start processing
01:50:41 - cmdstanpy - INFO - Chain [1] done processing
01:50:41 - cmdstanpy - INFO - Chain [1] start processing
01:50:41 - cmdstanpy - INFO - Chain [1] done processing
01:50:42 - cmdstanpy - INFO - Chain [1] start processing
01:50:42 - cmdstanpy - INFO - Chain [1] done processing
01:50:42 - cmdstanpy - INFO - Chain [1] start processing
01:50:42 - cmdstanpy - INFO - Chain [1] done processing
01:50:42 - cmdstanpy - INFO - Chain [1] start processing
01:50:42 - cmdstanpy - INFO - Chain [1] done processing
01:50:43 - cmdstanpy - INFO - Chain [1] start processing
01:50:43 - cmdstanpy - INFO - Chain [1] done processing
01:50:43 - cmdstanpy - INFO - Chain [1] start processing
01:50:43 - cmdstanpy - INFO - Chain [1] done processing
01:50:44 - cmdstanpy - INFO - Chain [1] start processing
01:50:44 - cmdstanpy - INFO - Chain [1] done processing
01:50:44 - cmdstanpy - INFO - Chain [1] start processing
01:50:44 - cmdstanpy - INFO - Chain [1] done processing
01:50:44 - cmdstanpy - INFO - Chain [1] start processing
01:50:44 - cmdstanpy - INFO - Chain [1] done processing
01:50:45 - cmdstanpy - INFO - Chain [1] start processing
01:50:45 - cmdstanpy - INFO - Chain [1] done processing
01:50:45 - cmdstanpy - INFO - Chain [1] start processing
01:50:45 - cmdstanpy - INFO - Chain [1] done processing
01:50:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:50:45 - cmdstanpy - INFO - Chain [1] done processing
01:50:46 - cmdstanpy - INFO - Chain [1] start processing
01:50:46 - cmdstanpy - INFO - Chain [1] done processing
01:50:46 - cmdstanpy - INFO - Chain [1] start processing
01:50:46 - cmdstanpy - INFO - Chain [1] done processing
01:50:46 - cmdstanpy - INFO - Chain [1] start processing
01:50:46 - cmdstanpy - INFO - Chain [1] done processing
01:50:47 - cmdstanpy - INFO - Chain [1] start processing
01:50:47 - cmdstanpy - INFO - Chain [1] done processing
01:50:47 - cmdstanpy - INFO - Chain [1] start processing
01:50:47 - cmdstanpy - INFO - Chain [1] done processing
01:50:47 - cmdstanpy - INFO - Chain [1] start processing
01:50:47 - cmdstanpy - INFO - Chain [1] done processing
01:50:48 - cmdstanpy - INFO - Chain [1] start processing
01:50:48 - cmdstanpy - INFO - Chain [1] done processing
01:50:48 - cmdstanpy - INFO - Chain [1] start processing
01:50:48 - cmdstanpy - INFO - Chain [1] done processing
01:50:48 - cmdstanpy - INFO - Chain [1] start processing
01:50:49 - cmdstanpy - INFO - Chain [1] done processing
01:50:49 - cmdstanpy - INFO - Chain [1] start processing
01:50:49 - cmdstanpy - INFO - Chain [1] done processing
01:50:49 - cmdstanpy - INFO - Chain [1] start processing
01:50:49 - cmdstanpy - INFO - Chain [1] done processing
01:50:50 - cmdstanpy - INFO - Chain [1] start processing
01:50:50 - cmdstanpy - INFO - Chain [1] done processing
01:50:50 - cmdstanpy - INFO - Chain [1] start processing
01:50:50 - cmdstanpy - INFO - Chain [1] done processing
01:50:50 - cmdstanpy - INFO - Chain [1] start processing
01:50:51 - cmdstanpy - INFO - Chain [1] done processing
01:50:51 - cmdstanpy - INFO - Chain [1] start processing
01:50:51 - cmdstanpy - INFO - Chain [1] done processing
01:50:51 - cmdstanpy - INFO - Chain [1] start processing
01:50:51 - cmdstanpy - INFO - Chain [1] done processing
01:50:52 - cmdstanpy - INFO - Chain [1] start processing
01:50:52 - cmdstanpy - INFO - Chain [1] done processing
01:50:52 - cmdstanpy - INFO - Chain [1] start processing
01:50:52 - cmdstanpy - INFO - Chain [1] done processing
01:50:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:52 - cmdstanpy - INFO - Chain [1] start processing
01:50:52 - cmdstanpy - INFO - Chain [1] done processing
01:50:53 - cmdstanpy - INFO - Chain [1] start processing
01:50:53 - cmdstanpy - INFO - Chain [1] done processing
01:50:53 - cmdstanpy - INFO - Chain [1] start processing
01:50:53 - cmdstanpy - INFO - Chain [1] done processing
01:50:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:53 - cmdstanpy - INFO - Chain [1] start processing
01:50:53 - cmdstanpy - INFO - Chain [1] done processing
01:50:54 - cmdstanpy - INFO - Chain [1] start processing
01:50:54 - cmdstanpy - INFO - Chain [1] done processing
01:50:54 - cmdstanpy - INFO - Chain [1] start processing
01:50:54 - cmdstanpy - INFO - Chain [1] done processing
01:50:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:54 - cmdstanpy - INFO - Chain [1] start processing
01:50:54 - cmdstanpy - INFO - Chain [1] done processing
01:50:55 - cmdstanpy - INFO - Chain [1] start processing
01:50:55 - cmdstanpy - INFO - Chain [1] done processing
01:50:55 - cmdstanpy - INFO - Chain [1] start processing
01:50:55 - cmdstanpy - INFO - Chain [1] done processing
01:50:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:55 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:50:55 - cmdstanpy - INFO - Chain [1] done processing
01:50:56 - cmdstanpy - INFO - Chain [1] start processing
01:50:56 - cmdstanpy - INFO - Chain [1] done processing
01:50:56 - cmdstanpy - INFO - Chain [1] start processing
01:50:56 - cmdstanpy - INFO - Chain [1] done processing
01:50:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:56 - cmdstanpy - INFO - Chain [1] start processing
01:50:57 - cmdstanpy - INFO - Chain [1] done processing
01:50:57 - cmdstanpy - INFO - Chain [1] start processing
01:50:57 - cmdstanpy - INFO - Chain [1] done processing
01:50:57 - cmdstanpy - INFO - Chain [1] start processing
01:50:57 - cmdstanpy - INFO - Chain [1] done processing
01:50:58 - cmdstanpy - INFO - Chain [1] start processing
01:50:58 - cmdstanpy - INFO - Chain [1] done processing
01:50:58 - cmdstanpy - INFO - Chain [1] start processing
01:50:58 - cmdstanpy - INFO - Chain [1] done processing
01:50:59 - cmdstanpy - INFO - Chain [1] start processing
01:50:59 - cmdstanpy - INFO - Chain [1] done processing
01:50:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:50:59 - cmdstanpy - INFO - Chain [1] start processing
01:50:59 - cmdstanpy - INFO - Chain [1] done processing
01:50:59 - cmdstanpy - INFO - Chain [1] start processing
01:50:59 - cmdstanpy - INFO - Chain [1] done processing
01:51:00 - cmdstanpy - INFO - Chain [1] start processing
01:51:00 - cmdstanpy - INFO - Chain [1] done processing
01:51:00 - cmdstanpy - INFO - Chain [1] start processing
01:51:00 - cmdstanpy - INFO - Chain [1] done processing
01:51:00 - cmdstanpy - INFO - Chain [1] start processing
01:51:00 - cmdstanpy - INFO - Chain [1] done processing
01:51:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:00 - cmdstanpy - INFO - Chain [1] start processing
01:51:01 - cmdstanpy - INFO - Chain [1] done processing
01:51:01 - cmdstanpy - INFO - Chain [1] start processing
01:51:01 - cmdstanpy - INFO - Chain [1] done processing
01:51:02 - cmdstanpy - INFO - Chain [1] start processing
01:51:02 - cmdstanpy - INFO - Chain [1] done processing
01:51:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:02 - cmdstanpy - INFO - Chain [1] start processing
01:51:02 - cmdstanpy - INFO - Chain [1] done processing
01:51:02 - cmdstanpy - INFO - Chain [1] start processing
01:51:02 - cmdstanpy - INFO - Chain [1] done processing
01:51:03 - cmdstanpy - INFO - Chain [1] start processing
01:51:03 - cmdstanpy - INFO - Chain [1] done processing
01:51:03 - cmdstanpy - INFO - Chain [1] start processing
01:51:03 - cmdstanpy - INFO - Chain [1] done processing
01:51:03 - cmdstanpy - INFO - Chain [1] start processing
01:51:03 - cmdstanpy - INFO - Chain [1] done processing
01:51:04 - cmdstanpy - INFO - Chain [1] start processing
01:51:04 - cmdstanpy - INFO - Chain [1] done processing
01:51:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:04 - cmdstanpy - INFO - Chain [1] start processing
01:51:04 - cmdstanpy - INFO - Chain [1] done processing
01:51:04 - cmdstanpy - INFO - Chain [1] start processing
01:51:04 - cmdstanpy - INFO - Chain [1] done processing
01:51:05 - cmdstanpy - INFO - Chain [1] start processing
01:51:05 - cmdstanpy - INFO - Chain [1] done processing
01:51:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:51:05 - cmdstanpy - INFO - Chain [1] done processing
01:51:05 - cmdstanpy - INFO - Chain [1] start processing
01:51:05 - cmdstanpy - INFO - Chain [1] done processing
01:51:05 - cmdstanpy - INFO - Chain [1] start processing
01:51:06 - cmdstanpy - INFO - Chain [1] done processing
01:51:06 - cmdstanpy - INFO - Chain [1] start processing
01:51:06 - cmdstanpy - INFO - Chain [1] done processing
01:51:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:06 - cmdstanpy - INFO - Chain [1] start processing
01:51:06 - cmdstanpy - INFO - Chain [1] done processing
01:51:06 - cmdstanpy - INFO - Chain [1] start processing
01:51:06 - cmdstanpy - INFO - Chain [1] done processing
01:51:07 - cmdstanpy - INFO - Chain [1] start processing
01:51:07 - cmdstanpy - INFO - Chain [1] done processing
01:51:07 - cmdstanpy - INFO - Chain [1] start processing
01:51:07 - cmdstanpy - INFO - Chain [1] done processing
01:51:08 - cmdstanpy - INFO - Chain [1] start processing
01:51:08 - cmdstanpy - INFO - Chain [1] done processing
01:51:08 - cmdstanpy - INFO - Chain [1] start processing
01:51:08 - cmdstanpy - INFO - Chain [1] done processing
01:51:08 - cmdstanpy - INFO - Chain [1] start processing
01:51:08 - cmdstanpy - INFO - Chain [1] done processing
01:51:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:08 - cmdstanpy - INFO - Chain [1] start processing
01:51:09 - cmdstanpy - INFO - Chain [1] done processing
01:51:09 - cmdstanpy - INFO - Chain [1] start processing
01:51:09 - cmdstanpy - INFO - Chain [1] done processing
01:51:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:09 - cmdstanpy - INFO - Chain [1] start processing
01:51:09 - cmdstanpy - INFO - Chain [1] done processing
01:51:10 - cmdstanpy - INFO - Chain [1] start processing
01:51:10 - cmdstanpy - INFO - Chain [1] done processing
01:51:10 - cmdstanpy - INFO - Chain [1] start processing
01:51:10 - cmdstanpy - INFO - Chain [1] done processing
01:51:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:10 - cmdstanpy - INFO - Chain [1] start processing
01:51:10 - cmdstanpy - INFO - Chain [1] done processing
01:51:10 - cmdstanpy - INFO - Chain [1] start processing
01:51:11 - cmdstanpy - INFO - Chain [1] done processing
01:51:11 - cmdstanpy - INFO - Chain [1] start processing
01:51:11 - cmdstanpy - INFO - Chain [1] done processing
01:51:11 - cmdstanpy - INFO - Chain [1] start processing
01:51:11 - cmdstanpy - INFO - Chain [1] done processing
01:51:12 - cmdstanpy - INFO - Chain [1] start processing
01:51:12 - cmdstanpy - INFO - Chain [1] done processing
01:51:12 - cmdstanpy - INFO - Chain [1] start processing
01:51:12 - cmdstanpy - INFO - Chain [1] done processing
01:51:12 - cmdstanpy - INFO - Chain [1] start processing
01:51:13 - cmdstanpy - INFO - Chain [1] done processing
01:51:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:13 - cmdstanpy - INFO - Chain [1] start processing
01:51:13 - cmdstanpy - INFO - Chain [1] done processing
01:51:13 - cmdstanpy - INFO - Chain [1] start processing
01:51:13 - cmdstanpy - INFO - Chain [1] done processing
01:51:14 - cmdstanpy - INFO - Chain [1] start processing
01:51:14 - cmdstanpy - INFO - Chain [1] done processing
01:51:14 - cmdstanpy - INFO - Chain [1] start processing
01:51:14 - cmdstanpy - INFO - Chain [1] done processing
01:51:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:51:14 - cmdstanpy - INFO - Chain [1] start processing
01:51:14 - cmdstanpy - INFO - Chain [1] done processing
01:51:15 - cmdstanpy - INFO - Chain [1] start processing
01:51:15 - cmdstanpy - INFO - Chain [1] done processing
01:51:15 - cmdstanpy - INFO - Chain [1] start processing
01:51:15 - cmdstanpy - INFO - Chain [1] done processing
01:51:15 - cmdstanpy - INFO - Chain [1] start processing
01:51:15 - cmdstanpy - INFO - Chain [1] done processing
01:51:16 - cmdstanpy - INFO - Chain [1] start processing
01:51:16 - cmdstanpy - INFO - Chain [1] done processing
01:51:16 - cmdstanpy - INFO - Chain [1] start processing
01:51:16 - cmdstanpy - INFO - Chain [1] done processing
01:51:17 - cmdstanpy - INFO - Chain [1] start processing
01:51:17 - cmdstanpy - INFO - Chain [1] done processing
01:51:17 - cmdstanpy - INFO - Chain [1] start processing
01:51:17 - cmdstanpy - INFO - Chain [1] done processing
01:51:17 - cmdstanpy - INFO - Chain [1] start processing
01:51:17 - cmdstanpy - INFO - Chain [1] done processing
01:51:18 - cmdstanpy - INFO - Chain [1] start processing
01:51:18 - cmdstanpy - INFO - Chain [1] done processing
01:51:18 - cmdstanpy - INFO - Chain [1] start processing
01:51:18 - cmdstanpy - INFO - Chain [1] done processing
01:51:18 - cmdstanpy - INFO - Chain [1] start processing
01:51:18 - cmdstanpy - INFO - Chain [1] done processing
01:51:19 - cmdstanpy - INFO - Chain [1] start processing
01:51:19 - cmdstanpy - INFO - Chain [1] done processing
01:51:19 - cmdstanpy - INFO - Chain [1] start processing
01:51:19 - cmdstanpy - INFO - Chain [1] done processing
01:51:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:19 - cmdstanpy - INFO - Chain [1] start processing
01:51:19 - cmdstanpy - INFO - Chain [1] done processing
01:51:20 - cmdstanpy - INFO - Chain [1] start processing
01:51:20 - cmdstanpy - INFO - Chain [1] done processing
01:51:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:20 - cmdstanpy - INFO - Chain [1] start processing
01:51:20 - cmdstanpy - INFO - Chain [1] done processing
01:51:20 - cmdstanpy - INFO - Chain [1] start processing
01:51:20 - cmdstanpy - INFO - Chain [1] done processing
01:51:21 - cmdstanpy - INFO - Chain [1] start processing
01:51:21 - cmdstanpy - INFO - Chain [1] done processing
01:51:21 - cmdstanpy - INFO - Chain [1] start processing
01:51:21 - cmdstanpy - INFO - Chain [1] done processing
01:51:22 - cmdstanpy - INFO - Chain [1] start processing
01:51:22 - cmdstanpy - INFO - Chain [1] done processing
01:51:22 - cmdstanpy - INFO - Chain [1] start processing
01:51:22 - cmdstanpy - INFO - Chain [1] done processing
01:51:22 - cmdstanpy - INFO - Chain [1] start processing
01:51:22 - cmdstanpy - INFO - Chain [1] done processing
01:51:23 - cmdstanpy - INFO - Chain [1] start processing
01:51:23 - cmdstanpy - INFO - Chain [1] done processing
01:51:23 - cmdstanpy - INFO - Chain [1] start processing
01:51:23 - cmdstanpy - INFO - Chain [1] done processing
01:51:23 - cmdstanpy - INFO - Chain [1] start processing
01:51:24 - cmdstanpy - INFO - Chain [1] done processing
01:51:24 - cmdstanpy - INFO - Chain [1] start processing
01:51:24 - cmdstanpy - INFO - Chain [1] done processing
01:51:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:24 - cmdstanpy - INFO - Chain [1] start processing
01:51:24 - cmdstanpy - INFO - Chain [1] done processing
01:51:24 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:51:25 - cmdstanpy - INFO - Chain [1] done processing
01:51:25 - cmdstanpy - INFO - Chain [1] start processing
01:51:25 - cmdstanpy - INFO - Chain [1] done processing
01:51:25 - cmdstanpy - INFO - Chain [1] start processing
01:51:25 - cmdstanpy - INFO - Chain [1] done processing
01:51:26 - cmdstanpy - INFO - Chain [1] start processing
01:51:26 - cmdstanpy - INFO - Chain [1] done processing
01:51:26 - cmdstanpy - INFO - Chain [1] start processing
01:51:26 - cmdstanpy - INFO - Chain [1] done processing
01:51:26 - cmdstanpy - INFO - Chain [1] start processing
01:51:26 - cmdstanpy - INFO - Chain [1] done processing
01:51:27 - cmdstanpy - INFO - Chain [1] start processing
01:51:27 - cmdstanpy - INFO - Chain [1] done processing
01:51:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:27 - cmdstanpy - INFO - Chain [1] start processing
01:51:27 - cmdstanpy - INFO - Chain [1] done processing
01:51:27 - cmdstanpy - INFO - Chain [1] start processing
01:51:28 - cmdstanpy - INFO - Chain [1] done processing
01:51:28 - cmdstanpy - INFO - Chain [1] start processing
01:51:28 - cmdstanpy - INFO - Chain [1] done processing
01:51:28 - cmdstanpy - INFO - Chain [1] start processing
01:51:28 - cmdstanpy - INFO - Chain [1] done processing
01:51:29 - cmdstanpy - INFO - Chain [1] start processing
01:51:29 - cmdstanpy - INFO - Chain [1] done processing
01:51:29 - cmdstanpy - INFO - Chain [1] start processing
01:51:29 - cmdstanpy - INFO - Chain [1] done processing
01:51:29 - cmdstanpy - INFO - Chain [1] start processing
01:51:29 - cmdstanpy - INFO - Chain [1] done processing
01:51:30 - cmdstanpy - INFO - Chain [1] start processing
01:51:30 - cmdstanpy - INFO - Chain [1] done processing
01:51:30 - cmdstanpy - INFO - Chain [1] start processing
01:51:30 - cmdstanpy - INFO - Chain [1] done processing
01:51:31 - cmdstanpy - INFO - Chain [1] start processing
01:51:31 - cmdstanpy - INFO - Chain [1] done processing
01:51:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:31 - cmdstanpy - INFO - Chain [1] start processing
01:51:31 - cmdstanpy - INFO - Chain [1] done processing
01:51:31 - cmdstanpy - INFO - Chain [1] start processing
01:51:31 - cmdstanpy - INFO - Chain [1] done processing
01:51:32 - cmdstanpy - INFO - Chain [1] start processing
01:51:32 - cmdstanpy - INFO - Chain [1] done processing
01:51:32 - cmdstanpy - INFO - Chain [1] start processing
01:51:32 - cmdstanpy - INFO - Chain [1] done processing
01:51:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:32 - cmdstanpy - INFO - Chain [1] start processing
01:51:32 - cmdstanpy - INFO - Chain [1] done processing
01:51:32 - cmdstanpy - INFO - Chain [1] start processing
01:51:32 - cmdstanpy - INFO - Chain [1] done processing
01:51:33 - cmdstanpy - INFO - Chain [1] start processing
01:51:33 - cmdstanpy - INFO - Chain [1] done processing
01:51:33 - cmdstanpy - INFO - Chain [1] start processing
01:51:33 - cmdstanpy - INFO - Chain [1] done processing
01:51:34 - cmdstanpy - INFO - Chain [1] start processing
01:51:34 - cmdstanpy - INFO - Chain [1] done processing
01:51:34 - cmdstanpy - INFO - Chain [1] start processing
01:51:34 - cmdstanpy - INFO - Chain [1] done processing
01:51:34 - cmdstanpy - INFO - Chain [1] start processing
01:51:34 - cmdstanpy - INFO - Chain [1] done processing
01:51:35 - cmdstanpy - INFO - Chain [1] start processing
01:51:35 - cmdstanpy - INFO - Chain [1] done processing
01:51:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:51:35 - cmdstanpy - INFO - Chain [1] start processing
01:51:35 - cmdstanpy - INFO - Chain [1] done processing
01:51:35 - cmdstanpy - INFO - Chain [1] start processing
01:51:35 - cmdstanpy - INFO - Chain [1] done processing
01:51:36 - cmdstanpy - INFO - Chain [1] start processing
01:51:36 - cmdstanpy - INFO - Chain [1] done processing
01:51:36 - cmdstanpy - INFO - Chain [1] start processing
01:51:36 - cmdstanpy - INFO - Chain [1] done processing
01:51:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:36 - cmdstanpy - INFO - Chain [1] start processing
01:51:36 - cmdstanpy - INFO - Chain [1] done processing
01:51:37 - cmdstanpy - INFO - Chain [1] start processing
01:51:37 - cmdstanpy - INFO - Chain [1] done processing
01:51:37 - cmdstanpy - INFO - Chain [1] start processing
01:51:37 - cmdstanpy - INFO - Chain [1] done processing
01:51:37 - cmdstanpy - INFO - Chain [1] start processing
01:51:38 - cmdstanpy - INFO - Chain [1] done processing
01:51:38 - cmdstanpy - INFO - Chain [1] start processing
01:51:38 - cmdstanpy - INFO - Chain [1] done processing
01:51:38 - cmdstanpy - INFO - Chain [1] start processing
01:51:38 - cmdstanpy - INFO - Chain [1] done processing
01:51:39 - cmdstanpy - INFO - Chain [1] start processing
01:51:39 - cmdstanpy - INFO - Chain [1] done processing
01:51:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:39 - cmdstanpy - INFO - Chain [1] start processing
01:51:39 - cmdstanpy - INFO - Chain [1] done processing
01:51:39 - cmdstanpy - INFO - Chain [1] start processing
01:51:39 - cmdstanpy - INFO - Chain [1] done processing
01:51:40 - cmdstanpy - INFO - Chain [1] start processing
01:51:40 - cmdstanpy - INFO - Chain [1] done processing
01:51:40 - cmdstanpy - INFO - Chain [1] start processing
01:51:40 - cmdstanpy - INFO - Chain [1] done processing
01:51:40 - cmdstanpy - INFO - Chain [1] start processing
01:51:40 - cmdstanpy - INFO - Chain [1] done processing
01:51:41 - cmdstanpy - INFO - Chain [1] start processing
01:51:41 - cmdstanpy - INFO - Chain [1] done processing
01:51:41 - cmdstanpy - INFO - Chain [1] start processing
01:51:41 - cmdstanpy - INFO - Chain [1] done processing
01:51:42 - cmdstanpy - INFO - Chain [1] start processing
01:51:42 - cmdstanpy - INFO - Chain [1] done processing
01:51:42 - cmdstanpy - INFO - Chain [1] start processing
01:51:42 - cmdstanpy - INFO - Chain [1] done processing
01:51:42 - cmdstanpy - INFO - Chain [1] start processing
01:51:42 - cmdstanpy - INFO - Chain [1] done processing
01:51:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:42 - cmdstanpy - INFO - Chain [1] start processing
01:51:43 - cmdstanpy - INFO - Chain [1] done processing
01:51:43 - cmdstanpy - INFO - Chain [1] start processing
01:51:43 - cmdstanpy - INFO - Chain [1] done processing
01:51:43 - cmdstanpy - INFO - Chain [1] start processing
01:51:43 - cmdstanpy - INFO - Chain [1] done processing
01:51:44 - cmdstanpy - INFO - Chain [1] start processing
01:51:44 - cmdstanpy - INFO - Chain [1] done processing
01:51:44 - cmdstanpy - INFO - Chain [1] start processing
01:51:44 - cmdstanpy - INFO - Chain [1] done processing
01:51:44 - cmdstanpy - INFO - Chain [1] start processing
01:51:44 - cmdstanpy - INFO - Chain [1] done processing
01:51:45 - cmdstanpy - INFO - Chain [1] start processing
01:51:45 - cmdstanpy - INFO - Chain [1] done processing
01:51:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:51:45 - cmdstanpy - INFO - Chain [1] done processing
01:51:46 - cmdstanpy - INFO - Chain [1] start processing
01:51:46 - cmdstanpy - INFO - Chain [1] done processing
01:51:46 - cmdstanpy - INFO - Chain [1] start processing
01:51:46 - cmdstanpy - INFO - Chain [1] done processing
01:51:46 - cmdstanpy - INFO - Chain [1] start processing
01:51:46 - cmdstanpy - INFO - Chain [1] done processing
01:51:47 - cmdstanpy - INFO - Chain [1] start processing
01:51:47 - cmdstanpy - INFO - Chain [1] done processing
01:51:47 - cmdstanpy - INFO - Chain [1] start processing
01:51:47 - cmdstanpy - INFO - Chain [1] done processing
01:51:47 - cmdstanpy - INFO - Chain [1] start processing
01:51:48 - cmdstanpy - INFO - Chain [1] done processing
01:51:48 - cmdstanpy - INFO - Chain [1] start processing
01:51:48 - cmdstanpy - INFO - Chain [1] done processing
01:51:48 - cmdstanpy - INFO - Chain [1] start processing
01:51:48 - cmdstanpy - INFO - Chain [1] done processing
01:51:49 - cmdstanpy - INFO - Chain [1] start processing
01:51:49 - cmdstanpy - INFO - Chain [1] done processing
01:51:49 - cmdstanpy - INFO - Chain [1] start processing
01:51:49 - cmdstanpy - INFO - Chain [1] done processing
01:51:50 - cmdstanpy - INFO - Chain [1] start processing
01:51:50 - cmdstanpy - INFO - Chain [1] done processing
01:51:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:50 - cmdstanpy - INFO - Chain [1] start processing
01:51:50 - cmdstanpy - INFO - Chain [1] done processing
01:51:50 - cmdstanpy - INFO - Chain [1] start processing
01:51:50 - cmdstanpy - INFO - Chain [1] done processing
01:51:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:50 - cmdstanpy - INFO - Chain [1] start processing
01:51:50 - cmdstanpy - INFO - Chain [1] done processing
01:51:51 - cmdstanpy - INFO - Chain [1] start processing
01:51:51 - cmdstanpy - INFO - Chain [1] done processing
01:51:51 - cmdstanpy - INFO - Chain [1] start processing
01:51:51 - cmdstanpy - INFO - Chain [1] done processing
01:51:51 - cmdstanpy - INFO - Chain [1] start processing
01:51:51 - cmdstanpy - INFO - Chain [1] done processing
01:51:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:51 - cmdstanpy - INFO - Chain [1] start processing
01:51:52 - cmdstanpy - INFO - Chain [1] done processing
01:51:52 - cmdstanpy - INFO - Chain [1] start processing
01:51:52 - cmdstanpy - INFO - Chain [1] done processing
01:51:52 - cmdstanpy - INFO - Chain [1] start processing
01:51:52 - cmdstanpy - INFO - Chain [1] done processing
01:51:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:52 - cmdstanpy - INFO - Chain [1] start processing
01:51:53 - cmdstanpy - INFO - Chain [1] done processing
01:51:53 - cmdstanpy - INFO - Chain [1] start processing
01:51:53 - cmdstanpy - INFO - Chain [1] done processing
01:51:53 - cmdstanpy - INFO - Chain [1] start processing
01:51:53 - cmdstanpy - INFO - Chain [1] done processing
01:51:54 - cmdstanpy - INFO - Chain [1] start processing
01:51:54 - cmdstanpy - INFO - Chain [1] done processing
01:51:54 - cmdstanpy - INFO - Chain [1] start processing
01:51:54 - cmdstanpy - INFO - Chain [1] done processing
01:51:54 - cmdstanpy - INFO - Chain [1] start processing
01:51:55 - cmdstanpy - INFO - Chain [1] done processing
01:51:55 - cmdstanpy - INFO - Chain [1] start processing
01:51:55 - cmdstanpy - INFO - Chain [1] done processing
01:51:55 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:51:55 - cmdstanpy - INFO - Chain [1] done processing
01:51:56 - cmdstanpy - INFO - Chain [1] start processing
01:51:56 - cmdstanpy - INFO - Chain [1] done processing
01:51:56 - cmdstanpy - INFO - Chain [1] start processing
01:51:56 - cmdstanpy - INFO - Chain [1] done processing
01:51:56 - cmdstanpy - INFO - Chain [1] start processing
01:51:56 - cmdstanpy - INFO - Chain [1] done processing
01:51:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:56 - cmdstanpy - INFO - Chain [1] start processing
01:51:57 - cmdstanpy - INFO - Chain [1] done processing
01:51:57 - cmdstanpy - INFO - Chain [1] start processing
01:51:57 - cmdstanpy - INFO - Chain [1] done processing
01:51:57 - cmdstanpy - INFO - Chain [1] start processing
01:51:57 - cmdstanpy - INFO - Chain [1] done processing
01:51:58 - cmdstanpy - INFO - Chain [1] start processing
01:51:58 - cmdstanpy - INFO - Chain [1] done processing
01:51:58 - cmdstanpy - INFO - Chain [1] start processing
01:51:58 - cmdstanpy - INFO - Chain [1] done processing
01:51:59 - cmdstanpy - INFO - Chain [1] start processing
01:51:59 - cmdstanpy - INFO - Chain [1] done processing
01:51:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:51:59 - cmdstanpy - INFO - Chain [1] start processing
01:51:59 - cmdstanpy - INFO - Chain [1] done processing
01:51:59 - cmdstanpy - INFO - Chain [1] start processing
01:51:59 - cmdstanpy - INFO - Chain [1] done processing
01:52:00 - cmdstanpy - INFO - Chain [1] start processing
01:52:00 - cmdstanpy - INFO - Chain [1] done processing
01:52:00 - cmdstanpy - INFO - Chain [1] start processing
01:52:00 - cmdstanpy - INFO - Chain [1] done processing
01:52:00 - cmdstanpy - INFO - Chain [1] start processing
01:52:00 - cmdstanpy - INFO - Chain [1] done processing
01:52:01 - cmdstanpy - INFO - Chain [1] start processing
01:52:01 - cmdstanpy - INFO - Chain [1] done processing
01:52:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:01 - cmdstanpy - INFO - Chain [1] start processing
01:52:01 - cmdstanpy - INFO - Chain [1] done processing
01:52:01 - cmdstanpy - INFO - Chain [1] start processing
01:52:01 - cmdstanpy - INFO - Chain [1] done processing
01:52:02 - cmdstanpy - INFO - Chain [1] start processing
01:52:02 - cmdstanpy - INFO - Chain [1] done processing
01:52:02 - cmdstanpy - INFO - Chain [1] start processing
01:52:02 - cmdstanpy - INFO - Chain [1] done processing
01:52:02 - cmdstanpy - INFO - Chain [1] start processing
01:52:02 - cmdstanpy - INFO - Chain [1] done processing
01:52:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:02 - cmdstanpy - INFO - Chain [1] start processing
01:52:03 - cmdstanpy - INFO - Chain [1] done processing
01:52:03 - cmdstanpy - INFO - Chain [1] start processing
01:52:03 - cmdstanpy - INFO - Chain [1] done processing
01:52:03 - cmdstanpy - INFO - Chain [1] start processing
01:52:03 - cmdstanpy - INFO - Chain [1] done processing
01:52:04 - cmdstanpy - INFO - Chain [1] start processing
01:52:04 - cmdstanpy - INFO - Chain [1] done processing
01:52:04 - cmdstanpy - INFO - Chain [1] start processing
01:52:04 - cmdstanpy - INFO - Chain [1] done processing
01:52:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:04 - cmdstanpy - INFO - Chain [1] start processing
01:52:04 - cmdstanpy - INFO - Chain [1] done processing
01:52:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:52:05 - cmdstanpy - INFO - Chain [1] done processing
01:52:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:05 - cmdstanpy - INFO - Chain [1] start processing
01:52:05 - cmdstanpy - INFO - Chain [1] done processing
01:52:05 - cmdstanpy - INFO - Chain [1] start processing
01:52:05 - cmdstanpy - INFO - Chain [1] done processing
01:52:06 - cmdstanpy - INFO - Chain [1] start processing
01:52:06 - cmdstanpy - INFO - Chain [1] done processing
01:52:06 - cmdstanpy - INFO - Chain [1] start processing
01:52:06 - cmdstanpy - INFO - Chain [1] done processing
01:52:07 - cmdstanpy - INFO - Chain [1] start processing
01:52:07 - cmdstanpy - INFO - Chain [1] done processing
01:52:07 - cmdstanpy - INFO - Chain [1] start processing
01:52:07 - cmdstanpy - INFO - Chain [1] done processing
01:52:07 - cmdstanpy - INFO - Chain [1] start processing
01:52:07 - cmdstanpy - INFO - Chain [1] done processing
01:52:08 - cmdstanpy - INFO - Chain [1] start processing
01:52:08 - cmdstanpy - INFO - Chain [1] done processing
01:52:08 - cmdstanpy - INFO - Chain [1] start processing
01:52:08 - cmdstanpy - INFO - Chain [1] done processing
01:52:08 - cmdstanpy - INFO - Chain [1] start processing
01:52:08 - cmdstanpy - INFO - Chain [1] done processing
01:52:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:08 - cmdstanpy - INFO - Chain [1] start processing
01:52:09 - cmdstanpy - INFO - Chain [1] done processing
01:52:09 - cmdstanpy - INFO - Chain [1] start processing
01:52:09 - cmdstanpy - INFO - Chain [1] done processing
01:52:09 - cmdstanpy - INFO - Chain [1] start processing
01:52:09 - cmdstanpy - INFO - Chain [1] done processing
01:52:10 - cmdstanpy - INFO - Chain [1] start processing
01:52:10 - cmdstanpy - INFO - Chain [1] done processing
01:52:10 - cmdstanpy - INFO - Chain [1] start processing
01:52:10 - cmdstanpy - INFO - Chain [1] done processing
01:52:10 - cmdstanpy - INFO - Chain [1] start processing
01:52:10 - cmdstanpy - INFO - Chain [1] done processing
01:52:11 - cmdstanpy - INFO - Chain [1] start processing
01:52:11 - cmdstanpy - INFO - Chain [1] done processing
01:52:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:11 - cmdstanpy - INFO - Chain [1] start processing
01:52:11 - cmdstanpy - INFO - Chain [1] done processing
01:52:11 - cmdstanpy - INFO - Chain [1] start processing
01:52:12 - cmdstanpy - INFO - Chain [1] done processing
01:52:12 - cmdstanpy - INFO - Chain [1] start processing
01:52:12 - cmdstanpy - INFO - Chain [1] done processing
01:52:12 - cmdstanpy - INFO - Chain [1] start processing
01:52:12 - cmdstanpy - INFO - Chain [1] done processing
01:52:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:12 - cmdstanpy - INFO - Chain [1] start processing
01:52:13 - cmdstanpy - INFO - Chain [1] done processing
01:52:13 - cmdstanpy - INFO - Chain [1] start processing
01:52:13 - cmdstanpy - INFO - Chain [1] done processing
01:52:13 - cmdstanpy - INFO - Chain [1] start processing
01:52:13 - cmdstanpy - INFO - Chain [1] done processing
01:52:14 - cmdstanpy - INFO - Chain [1] start processing
01:52:14 - cmdstanpy - INFO - Chain [1] done processing
01:52:14 - cmdstanpy - INFO - Chain [1] start processing
01:52:14 - cmdstanpy - INFO - Chain [1] done processing
01:52:14 - cmdstanpy - INFO - Chain [1] start processing
01:52:14 - cmdstanpy - INFO - Chain [1] done processing
01:52:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:52:15 - cmdstanpy - INFO - Chain [1] done processing
01:52:15 - cmdstanpy - INFO - Chain [1] start processing
01:52:15 - cmdstanpy - INFO - Chain [1] done processing
01:52:15 - cmdstanpy - INFO - Chain [1] start processing
01:52:16 - cmdstanpy - INFO - Chain [1] done processing
01:52:16 - cmdstanpy - INFO - Chain [1] start processing
01:52:16 - cmdstanpy - INFO - Chain [1] done processing
01:52:16 - cmdstanpy - INFO - Chain [1] start processing
01:52:16 - cmdstanpy - INFO - Chain [1] done processing
01:52:17 - cmdstanpy - INFO - Chain [1] start processing
01:52:17 - cmdstanpy - INFO - Chain [1] done processing
01:52:17 - cmdstanpy - INFO - Chain [1] start processing
01:52:17 - cmdstanpy - INFO - Chain [1] done processing
01:52:17 - cmdstanpy - INFO - Chain [1] start processing
01:52:17 - cmdstanpy - INFO - Chain [1] done processing
01:52:18 - cmdstanpy - INFO - Chain [1] start processing
01:52:18 - cmdstanpy - INFO - Chain [1] done processing
01:52:18 - cmdstanpy - INFO - Chain [1] start processing
01:52:18 - cmdstanpy - INFO - Chain [1] done processing
01:52:19 - cmdstanpy - INFO - Chain [1] start processing
01:52:19 - cmdstanpy - INFO - Chain [1] done processing
01:52:19 - cmdstanpy - INFO - Chain [1] start processing
01:52:19 - cmdstanpy - INFO - Chain [1] done processing
01:52:19 - cmdstanpy - INFO - Chain [1] start processing
01:52:19 - cmdstanpy - INFO - Chain [1] done processing
01:52:20 - cmdstanpy - INFO - Chain [1] start processing
01:52:20 - cmdstanpy - INFO - Chain [1] done processing
01:52:20 - cmdstanpy - INFO - Chain [1] start processing
01:52:20 - cmdstanpy - INFO - Chain [1] done processing
01:52:20 - cmdstanpy - INFO - Chain [1] start processing
01:52:21 - cmdstanpy - INFO - Chain [1] done processing
01:52:21 - cmdstanpy - INFO - Chain [1] start processing
01:52:21 - cmdstanpy - INFO - Chain [1] done processing
01:52:21 - cmdstanpy - INFO - Chain [1] start processing
01:52:21 - cmdstanpy - INFO - Chain [1] done processing
01:52:22 - cmdstanpy - INFO - Chain [1] start processing
01:52:22 - cmdstanpy - INFO - Chain [1] done processing
01:52:22 - cmdstanpy - INFO - Chain [1] start processing
01:52:22 - cmdstanpy - INFO - Chain [1] done processing
01:52:22 - cmdstanpy - INFO - Chain [1] start processing
01:52:22 - cmdstanpy - INFO - Chain [1] done processing
01:52:23 - cmdstanpy - INFO - Chain [1] start processing
01:52:23 - cmdstanpy - INFO - Chain [1] done processing
01:52:23 - cmdstanpy - INFO - Chain [1] start processing
01:52:23 - cmdstanpy - INFO - Chain [1] done processing
01:52:23 - cmdstanpy - INFO - Chain [1] start processing
01:52:24 - cmdstanpy - INFO - Chain [1] done processing
01:52:24 - cmdstanpy - INFO - Chain [1] start processing
01:52:24 - cmdstanpy - INFO - Chain [1] done processing
01:52:24 - cmdstanpy - INFO - Chain [1] start processing
01:52:24 - cmdstanpy - INFO - Chain [1] done processing
01:52:25 - cmdstanpy - INFO - Chain [1] start processing
01:52:25 - cmdstanpy - INFO - Chain [1] done processing
01:52:25 - cmdstanpy - INFO - Chain [1] start processing
01:52:25 - cmdstanpy - INFO - Chain [1] done processing
01:52:25 - cmdstanpy - INFO - Chain [1] start processing
01:52:25 - cmdstanpy - INFO - Chain [1] done processing
01:52:26 - cmdstanpy - INFO - Chain [1] start processing
01:52:26 - cmdstanpy - INFO - Chain [1] done processing
01:52:26 - cmdstanpy - INFO - Chain [1] start processing
01:52:26 - cmdstanpy - INFO - Chain [1] done processing
01:52:27 - cmdstanpy - INFO - Chain [1] start processing
01:52:27 - cmdstanpy - INFO - Chain [1] done processing
01:52:27 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:52:27 - cmdstanpy - INFO - Chain [1] done processing
01:52:27 - cmdstanpy - INFO - Chain [1] start processing
01:52:27 - cmdstanpy - INFO - Chain [1] done processing
01:52:28 - cmdstanpy - INFO - Chain [1] start processing
01:52:28 - cmdstanpy - INFO - Chain [1] done processing
01:52:28 - cmdstanpy - INFO - Chain [1] start processing
01:52:28 - cmdstanpy - INFO - Chain [1] done processing
01:52:28 - cmdstanpy - INFO - Chain [1] start processing
01:52:29 - cmdstanpy - INFO - Chain [1] done processing
01:52:29 - cmdstanpy - INFO - Chain [1] start processing
01:52:29 - cmdstanpy - INFO - Chain [1] done processing
01:52:29 - cmdstanpy - INFO - Chain [1] start processing
01:52:29 - cmdstanpy - INFO - Chain [1] done processing
01:52:30 - cmdstanpy - INFO - Chain [1] start processing
01:52:30 - cmdstanpy - INFO - Chain [1] done processing
01:52:30 - cmdstanpy - INFO - Chain [1] start processing
01:52:30 - cmdstanpy - INFO - Chain [1] done processing
01:52:30 - cmdstanpy - INFO - Chain [1] start processing
01:52:30 - cmdstanpy - INFO - Chain [1] done processing
01:52:31 - cmdstanpy - INFO - Chain [1] start processing
01:52:31 - cmdstanpy - INFO - Chain [1] done processing
01:52:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:31 - cmdstanpy - INFO - Chain [1] start processing
01:52:31 - cmdstanpy - INFO - Chain [1] done processing
01:52:32 - cmdstanpy - INFO - Chain [1] start processing
01:52:32 - cmdstanpy - INFO - Chain [1] done processing
01:52:32 - cmdstanpy - INFO - Chain [1] start processing
01:52:32 - cmdstanpy - INFO - Chain [1] done processing
01:52:32 - cmdstanpy - INFO - Chain [1] start processing
01:52:32 - cmdstanpy - INFO - Chain [1] done processing
01:52:33 - cmdstanpy - INFO - Chain [1] start processing
01:52:33 - cmdstanpy - INFO - Chain [1] done processing
01:52:33 - cmdstanpy - INFO - Chain [1] start processing
01:52:33 - cmdstanpy - INFO - Chain [1] done processing
01:52:33 - cmdstanpy - INFO - Chain [1] start processing
01:52:33 - cmdstanpy - INFO - Chain [1] done processing
01:52:34 - cmdstanpy - INFO - Chain [1] start processing
01:52:34 - cmdstanpy - INFO - Chain [1] done processing
01:52:34 - cmdstanpy - INFO - Chain [1] start processing
01:52:34 - cmdstanpy - INFO - Chain [1] done processing
01:52:34 - cmdstanpy - INFO - Chain [1] start processing
01:52:34 - cmdstanpy - INFO - Chain [1] done processing
01:52:35 - cmdstanpy - INFO - Chain [1] start processing
01:52:35 - cmdstanpy - INFO - Chain [1] done processing
01:52:35 - cmdstanpy - INFO - Chain [1] start processing
01:52:35 - cmdstanpy - INFO - Chain [1] done processing
01:52:36 - cmdstanpy - INFO - Chain [1] start processing
01:52:36 - cmdstanpy - INFO - Chain [1] done processing
01:52:36 - cmdstanpy - INFO - Chain [1] start processing
01:52:36 - cmdstanpy - INFO - Chain [1] done processing
01:52:36 - cmdstanpy - INFO - Chain [1] start processing
01:52:36 - cmdstanpy - INFO - Chain [1] done processing
01:52:37 - cmdstanpy - INFO - Chain [1] start processing
01:52:37 - cmdstanpy - INFO - Chain [1] done processing
01:52:37 - cmdstanpy - INFO - Chain [1] start processing
01:52:37 - cmdstanpy - INFO - Chain [1] done processing
01:52:38 - cmdstanpy - INFO - Chain [1] start processing
01:52:38 - cmdstanpy - INFO - Chain [1] done processing
01:52:38 - cmdstanpy - INFO - Chain [1] start processing
01:52:38 - cmdstanpy - INFO - Chain [1] done processing
01:52:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:38 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:52:38 - cmdstanpy - INFO - Chain [1] done processing
01:52:39 - cmdstanpy - INFO - Chain [1] start processing
01:52:39 - cmdstanpy - INFO - Chain [1] done processing
01:52:39 - cmdstanpy - INFO - Chain [1] start processing
01:52:39 - cmdstanpy - INFO - Chain [1] done processing
01:52:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:39 - cmdstanpy - INFO - Chain [1] start processing
01:52:39 - cmdstanpy - INFO - Chain [1] done processing
01:52:40 - cmdstanpy - INFO - Chain [1] start processing
01:52:40 - cmdstanpy - INFO - Chain [1] done processing
01:52:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:40 - cmdstanpy - INFO - Chain [1] start processing
01:52:40 - cmdstanpy - INFO - Chain [1] done processing
01:52:40 - cmdstanpy - INFO - Chain [1] start processing
01:52:40 - cmdstanpy - INFO - Chain [1] done processing
01:52:41 - cmdstanpy - INFO - Chain [1] start processing
01:52:41 - cmdstanpy - INFO - Chain [1] done processing
01:52:41 - cmdstanpy - INFO - Chain [1] start processing
01:52:41 - cmdstanpy - INFO - Chain [1] done processing
01:52:41 - cmdstanpy - INFO - Chain [1] start processing
01:52:41 - cmdstanpy - INFO - Chain [1] done processing
01:52:42 - cmdstanpy - INFO - Chain [1] start processing
01:52:42 - cmdstanpy - INFO - Chain [1] done processing
01:52:42 - cmdstanpy - INFO - Chain [1] start processing
01:52:43 - cmdstanpy - INFO - Chain [1] done processing
01:52:43 - cmdstanpy - INFO - Chain [1] start processing
01:52:43 - cmdstanpy - INFO - Chain [1] done processing
01:52:43 - cmdstanpy - INFO - Chain [1] start processing
01:52:43 - cmdstanpy - INFO - Chain [1] done processing
01:52:43 - cmdstanpy - INFO - Chain [1] start processing
01:52:44 - cmdstanpy - INFO - Chain [1] done processing
01:52:44 - cmdstanpy - INFO - Chain [1] start processing
01:52:44 - cmdstanpy - INFO - Chain [1] done processing
01:52:44 - cmdstanpy - INFO - Chain [1] start processing
01:52:44 - cmdstanpy - INFO - Chain [1] done processing
01:52:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:44 - cmdstanpy - INFO - Chain [1] start processing
01:52:44 - cmdstanpy - INFO - Chain [1] done processing
01:52:45 - cmdstanpy - INFO - Chain [1] start processing
01:52:45 - cmdstanpy - INFO - Chain [1] done processing
01:52:45 - cmdstanpy - INFO - Chain [1] start processing
01:52:45 - cmdstanpy - INFO - Chain [1] done processing
01:52:46 - cmdstanpy - INFO - Chain [1] start processing
01:52:46 - cmdstanpy - INFO - Chain [1] done processing
01:52:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:46 - cmdstanpy - INFO - Chain [1] start processing
01:52:46 - cmdstanpy - INFO - Chain [1] done processing
01:52:46 - cmdstanpy - INFO - Chain [1] start processing
01:52:46 - cmdstanpy - INFO - Chain [1] done processing
01:52:47 - cmdstanpy - INFO - Chain [1] start processing
01:52:47 - cmdstanpy - INFO - Chain [1] done processing
01:52:47 - cmdstanpy - INFO - Chain [1] start processing
01:52:47 - cmdstanpy - INFO - Chain [1] done processing
01:52:47 - cmdstanpy - INFO - Chain [1] start processing
01:52:47 - cmdstanpy - INFO - Chain [1] done processing
01:52:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:47 - cmdstanpy - INFO - Chain [1] start processing
01:52:48 - cmdstanpy - INFO - Chain [1] done processing
01:52:48 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:52:48 - cmdstanpy - INFO - Chain [1] done processing
01:52:48 - cmdstanpy - INFO - Chain [1] start processing
01:52:48 - cmdstanpy - INFO - Chain [1] done processing
01:52:49 - cmdstanpy - INFO - Chain [1] start processing
01:52:49 - cmdstanpy - INFO - Chain [1] done processing
01:52:49 - cmdstanpy - INFO - Chain [1] start processing
01:52:49 - cmdstanpy - INFO - Chain [1] done processing
01:52:49 - cmdstanpy - INFO - Chain [1] start processing
01:52:50 - cmdstanpy - INFO - Chain [1] done processing
01:52:50 - cmdstanpy - INFO - Chain [1] start processing
01:52:50 - cmdstanpy - INFO - Chain [1] done processing
01:52:50 - cmdstanpy - INFO - Chain [1] start processing
01:52:50 - cmdstanpy - INFO - Chain [1] done processing
01:52:50 - cmdstanpy - INFO - Chain [1] start processing
01:52:51 - cmdstanpy - INFO - Chain [1] done processing
01:52:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:51 - cmdstanpy - INFO - Chain [1] start processing
01:52:51 - cmdstanpy - INFO - Chain [1] done processing
01:52:51 - cmdstanpy - INFO - Chain [1] start processing
01:52:51 - cmdstanpy - INFO - Chain [1] done processing
01:52:52 - cmdstanpy - INFO - Chain [1] start processing
01:52:52 - cmdstanpy - INFO - Chain [1] done processing
01:52:52 - cmdstanpy - INFO - Chain [1] start processing
01:52:52 - cmdstanpy - INFO - Chain [1] done processing
01:52:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:52 - cmdstanpy - INFO - Chain [1] start processing
01:52:52 - cmdstanpy - INFO - Chain [1] done processing
01:52:53 - cmdstanpy - INFO - Chain [1] start processing
01:52:53 - cmdstanpy - INFO - Chain [1] done processing
01:52:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:53 - cmdstanpy - INFO - Chain [1] start processing
01:52:53 - cmdstanpy - INFO - Chain [1] done processing
01:52:53 - cmdstanpy - INFO - Chain [1] start processing
01:52:54 - cmdstanpy - INFO - Chain [1] done processing
01:52:54 - cmdstanpy - INFO - Chain [1] start processing
01:52:54 - cmdstanpy - INFO - Chain [1] done processing
01:52:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:54 - cmdstanpy - INFO - Chain [1] start processing
01:52:54 - cmdstanpy - INFO - Chain [1] done processing
01:52:54 - cmdstanpy - INFO - Chain [1] start processing
01:52:54 - cmdstanpy - INFO - Chain [1] done processing
01:52:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:54 - cmdstanpy - INFO - Chain [1] start processing
01:52:55 - cmdstanpy - INFO - Chain [1] done processing
01:52:55 - cmdstanpy - INFO - Chain [1] start processing
01:52:55 - cmdstanpy - INFO - Chain [1] done processing
01:52:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:55 - cmdstanpy - INFO - Chain [1] start processing
01:52:55 - cmdstanpy - INFO - Chain [1] done processing
01:52:56 - cmdstanpy - INFO - Chain [1] start processing
01:52:56 - cmdstanpy - INFO - Chain [1] done processing
01:52:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:56 - cmdstanpy - INFO - Chain [1] start processing
01:52:56 - cmdstanpy - INFO - Chain [1] done processing
01:52:56 - cmdstanpy - INFO - Chain [1] start processing
01:52:56 - cmdstanpy - INFO - Chain [1] done processing
01:52:57 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:52:57 - cmdstanpy - INFO - Chain [1] done processing
01:52:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:57 - cmdstanpy - INFO - Chain [1] start processing
01:52:57 - cmdstanpy - INFO - Chain [1] done processing
01:52:57 - cmdstanpy - INFO - Chain [1] start processing
01:52:57 - cmdstanpy - INFO - Chain [1] done processing
01:52:58 - cmdstanpy - INFO - Chain [1] start processing
01:52:58 - cmdstanpy - INFO - Chain [1] done processing
01:52:58 - cmdstanpy - INFO - Chain [1] start processing
01:52:58 - cmdstanpy - INFO - Chain [1] done processing
01:52:58 - cmdstanpy - INFO - Chain [1] start processing
01:52:58 - cmdstanpy - INFO - Chain [1] done processing
01:52:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:52:58 - cmdstanpy - INFO - Chain [1] start processing
01:52:59 - cmdstanpy - INFO - Chain [1] done processing
01:52:59 - cmdstanpy - INFO - Chain [1] start processing
01:52:59 - cmdstanpy - INFO - Chain [1] done processing
01:52:59 - cmdstanpy - INFO - Chain [1] start processing
01:53:00 - cmdstanpy - INFO - Chain [1] done processing
01:53:00 - cmdstanpy - INFO - Chain [1] start processing
01:53:00 - cmdstanpy - INFO - Chain [1] done processing
01:53:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:00 - cmdstanpy - INFO - Chain [1] start processing
01:53:00 - cmdstanpy - INFO - Chain [1] done processing
01:53:00 - cmdstanpy - INFO - Chain [1] start processing
01:53:00 - cmdstanpy - INFO - Chain [1] done processing
01:53:01 - cmdstanpy - INFO - Chain [1] start processing
01:53:01 - cmdstanpy - INFO - Chain [1] done processing
01:53:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:01 - cmdstanpy - INFO - Chain [1] start processing
01:53:01 - cmdstanpy - INFO - Chain [1] done processing
01:53:02 - cmdstanpy - INFO - Chain [1] start processing
01:53:02 - cmdstanpy - INFO - Chain [1] done processing
01:53:02 - cmdstanpy - INFO - Chain [1] start processing
01:53:02 - cmdstanpy - INFO - Chain [1] done processing
01:53:02 - cmdstanpy - INFO - Chain [1] start processing
01:53:02 - cmdstanpy - INFO - Chain [1] done processing
01:53:03 - cmdstanpy - INFO - Chain [1] start processing
01:53:03 - cmdstanpy - INFO - Chain [1] done processing
01:53:03 - cmdstanpy - INFO - Chain [1] start processing
01:53:03 - cmdstanpy - INFO - Chain [1] done processing
01:53:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:03 - cmdstanpy - INFO - Chain [1] start processing
01:53:03 - cmdstanpy - INFO - Chain [1] done processing
01:53:04 - cmdstanpy - INFO - Chain [1] start processing
01:53:04 - cmdstanpy - INFO - Chain [1] done processing
01:53:04 - cmdstanpy - INFO - Chain [1] start processing
01:53:04 - cmdstanpy - INFO - Chain [1] done processing
01:53:05 - cmdstanpy - INFO - Chain [1] start processing
01:53:05 - cmdstanpy - INFO - Chain [1] done processing
01:53:05 - cmdstanpy - INFO - Chain [1] start processing
01:53:05 - cmdstanpy - INFO - Chain [1] done processing
01:53:05 - cmdstanpy - INFO - Chain [1] start processing
01:53:05 - cmdstanpy - INFO - Chain [1] done processing
01:53:06 - cmdstanpy - INFO - Chain [1] start processing
01:53:06 - cmdstanpy - INFO - Chain [1] done processing
01:53:06 - cmdstanpy - INFO - Chain [1] start processing
01:53:06 - cmdstanpy - INFO - Chain [1] done processing
01:53:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:53:06 - cmdstanpy - INFO - Chain [1] start processing
01:53:06 - cmdstanpy - INFO - Chain [1] done processing
01:53:07 - cmdstanpy - INFO - Chain [1] start processing
01:53:07 - cmdstanpy - INFO - Chain [1] done processing
01:53:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:07 - cmdstanpy - INFO - Chain [1] start processing
01:53:07 - cmdstanpy - INFO - Chain [1] done processing
01:53:07 - cmdstanpy - INFO - Chain [1] start processing
01:53:08 - cmdstanpy - INFO - Chain [1] done processing
01:53:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:08 - cmdstanpy - INFO - Chain [1] start processing
01:53:08 - cmdstanpy - INFO - Chain [1] done processing
01:53:08 - cmdstanpy - INFO - Chain [1] start processing
01:53:08 - cmdstanpy - INFO - Chain [1] done processing
01:53:08 - cmdstanpy - INFO - Chain [1] start processing
01:53:09 - cmdstanpy - INFO - Chain [1] done processing
01:53:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:09 - cmdstanpy - INFO - Chain [1] start processing
01:53:09 - cmdstanpy - INFO - Chain [1] done processing
01:53:09 - cmdstanpy - INFO - Chain [1] start processing
01:53:09 - cmdstanpy - INFO - Chain [1] done processing
01:53:09 - cmdstanpy - INFO - Chain [1] start processing
01:53:09 - cmdstanpy - INFO - Chain [1] done processing
01:53:10 - cmdstanpy - INFO - Chain [1] start processing
01:53:10 - cmdstanpy - INFO - Chain [1] done processing
01:53:10 - cmdstanpy - INFO - Chain [1] start processing
01:53:10 - cmdstanpy - INFO - Chain [1] done processing
01:53:10 - cmdstanpy - INFO - Chain [1] start processing
01:53:11 - cmdstanpy - INFO - Chain [1] done processing
01:53:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:11 - cmdstanpy - INFO - Chain [1] start processing
01:53:11 - cmdstanpy - INFO - Chain [1] done processing
01:53:11 - cmdstanpy - INFO - Chain [1] start processing
01:53:11 - cmdstanpy - INFO - Chain [1] done processing
01:53:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:11 - cmdstanpy - INFO - Chain [1] start processing
01:53:12 - cmdstanpy - INFO - Chain [1] done processing
01:53:12 - cmdstanpy - INFO - Chain [1] start processing
01:53:12 - cmdstanpy - INFO - Chain [1] done processing
01:53:12 - cmdstanpy - INFO - Chain [1] start processing
01:53:12 - cmdstanpy - INFO - Chain [1] done processing
01:53:13 - cmdstanpy - INFO - Chain [1] start processing
01:53:13 - cmdstanpy - INFO - Chain [1] done processing
01:53:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:13 - cmdstanpy - INFO - Chain [1] start processing
01:53:13 - cmdstanpy - INFO - Chain [1] done processing
01:53:13 - cmdstanpy - INFO - Chain [1] start processing
01:53:13 - cmdstanpy - INFO - Chain [1] done processing
01:53:14 - cmdstanpy - INFO - Chain [1] start processing
01:53:14 - cmdstanpy - INFO - Chain [1] done processing
01:53:14 - cmdstanpy - INFO - Chain [1] start processing
01:53:14 - cmdstanpy - INFO - Chain [1] done processing
01:53:14 - cmdstanpy - INFO - Chain [1] start processing
01:53:14 - cmdstanpy - INFO - Chain [1] done processing
01:53:15 - cmdstanpy - INFO - Chain [1] start processing
01:53:15 - cmdstanpy - INFO - Chain [1] done processing
01:53:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:53:15 - cmdstanpy - INFO - Chain [1] done processing
01:53:15 - cmdstanpy - INFO - Chain [1] start processing
01:53:16 - cmdstanpy - INFO - Chain [1] done processing
01:53:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:16 - cmdstanpy - INFO - Chain [1] start processing
01:53:16 - cmdstanpy - INFO - Chain [1] done processing
01:53:16 - cmdstanpy - INFO - Chain [1] start processing
01:53:16 - cmdstanpy - INFO - Chain [1] done processing
01:53:17 - cmdstanpy - INFO - Chain [1] start processing
01:53:17 - cmdstanpy - INFO - Chain [1] done processing
01:53:17 - cmdstanpy - INFO - Chain [1] start processing
01:53:17 - cmdstanpy - INFO - Chain [1] done processing
01:53:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:17 - cmdstanpy - INFO - Chain [1] start processing
01:53:17 - cmdstanpy - INFO - Chain [1] done processing
01:53:18 - cmdstanpy - INFO - Chain [1] start processing
01:53:18 - cmdstanpy - INFO - Chain [1] done processing
01:53:18 - cmdstanpy - INFO - Chain [1] start processing
01:53:18 - cmdstanpy - INFO - Chain [1] done processing
01:53:18 - cmdstanpy - INFO - Chain [1] start processing
01:53:18 - cmdstanpy - INFO - Chain [1] done processing
01:53:19 - cmdstanpy - INFO - Chain [1] start processing
01:53:19 - cmdstanpy - INFO - Chain [1] done processing
01:53:19 - cmdstanpy - INFO - Chain [1] start processing
01:53:19 - cmdstanpy - INFO - Chain [1] done processing
01:53:19 - cmdstanpy - INFO - Chain [1] start processing
01:53:20 - cmdstanpy - INFO - Chain [1] done processing
01:53:20 - cmdstanpy - INFO - Chain [1] start processing
01:53:20 - cmdstanpy - INFO - Chain [1] done processing
01:53:20 - cmdstanpy - INFO - Chain [1] start processing
01:53:20 - cmdstanpy - INFO - Chain [1] done processing
01:53:21 - cmdstanpy - INFO - Chain [1] start processing
01:53:21 - cmdstanpy - INFO - Chain [1] done processing
01:53:21 - cmdstanpy - INFO - Chain [1] start processing
01:53:21 - cmdstanpy - INFO - Chain [1] done processing
01:53:21 - cmdstanpy - INFO - Chain [1] start processing
01:53:21 - cmdstanpy - INFO - Chain [1] done processing
01:53:22 - cmdstanpy - INFO - Chain [1] start processing
01:53:22 - cmdstanpy - INFO - Chain [1] done processing
01:53:22 - cmdstanpy - INFO - Chain [1] start processing
01:53:22 - cmdstanpy - INFO - Chain [1] done processing
01:53:22 - cmdstanpy - INFO - Chain [1] start processing
01:53:22 - cmdstanpy - INFO - Chain [1] done processing
01:53:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:23 - cmdstanpy - INFO - Chain [1] start processing
01:53:23 - cmdstanpy - INFO - Chain [1] done processing
01:53:23 - cmdstanpy - INFO - Chain [1] start processing
01:53:23 - cmdstanpy - INFO - Chain [1] done processing
01:53:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:23 - cmdstanpy - INFO - Chain [1] start processing
01:53:23 - cmdstanpy - INFO - Chain [1] done processing
01:53:24 - cmdstanpy - INFO - Chain [1] start processing
01:53:24 - cmdstanpy - INFO - Chain [1] done processing
01:53:24 - cmdstanpy - INFO - Chain [1] start processing
01:53:24 - cmdstanpy - INFO - Chain [1] done processing
01:53:25 - cmdstanpy - INFO - Chain [1] start processing
01:53:25 - cmdstanpy - INFO - Chain [1] done processing
01:53:25 - cmdstanpy - INFO - Chain [1] start processing
01:53:25 - cmdstanpy - INFO - Chain [1] done processing
01:53:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:53:25 - cmdstanpy - INFO - Chain [1] done processing
01:53:26 - cmdstanpy - INFO - Chain [1] start processing
01:53:26 - cmdstanpy - INFO - Chain [1] done processing
01:53:26 - cmdstanpy - INFO - Chain [1] start processing
01:53:26 - cmdstanpy - INFO - Chain [1] done processing
01:53:26 - cmdstanpy - INFO - Chain [1] start processing
01:53:26 - cmdstanpy - INFO - Chain [1] done processing
01:53:27 - cmdstanpy - INFO - Chain [1] start processing
01:53:27 - cmdstanpy - INFO - Chain [1] done processing
01:53:27 - cmdstanpy - INFO - Chain [1] start processing
01:53:27 - cmdstanpy - INFO - Chain [1] done processing
01:53:28 - cmdstanpy - INFO - Chain [1] start processing
01:53:28 - cmdstanpy - INFO - Chain [1] done processing
01:53:28 - cmdstanpy - INFO - Chain [1] start processing
01:53:28 - cmdstanpy - INFO - Chain [1] done processing
01:53:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:28 - cmdstanpy - INFO - Chain [1] start processing
01:53:28 - cmdstanpy - INFO - Chain [1] done processing
01:53:29 - cmdstanpy - INFO - Chain [1] start processing
01:53:29 - cmdstanpy - INFO - Chain [1] done processing
01:53:29 - cmdstanpy - INFO - Chain [1] start processing
01:53:29 - cmdstanpy - INFO - Chain [1] done processing
01:53:29 - cmdstanpy - INFO - Chain [1] start processing
01:53:29 - cmdstanpy - INFO - Chain [1] done processing
01:53:30 - cmdstanpy - INFO - Chain [1] start processing
01:53:30 - cmdstanpy - INFO - Chain [1] done processing
01:53:30 - cmdstanpy - INFO - Chain [1] start processing
01:53:30 - cmdstanpy - INFO - Chain [1] done processing
01:53:30 - cmdstanpy - INFO - Chain [1] start processing
01:53:31 - cmdstanpy - INFO - Chain [1] done processing
01:53:31 - cmdstanpy - INFO - Chain [1] start processing
01:53:31 - cmdstanpy - INFO - Chain [1] done processing
01:53:31 - cmdstanpy - INFO - Chain [1] start processing
01:53:31 - cmdstanpy - INFO - Chain [1] done processing
01:53:32 - cmdstanpy - INFO - Chain [1] start processing
01:53:32 - cmdstanpy - INFO - Chain [1] done processing
01:53:32 - cmdstanpy - INFO - Chain [1] start processing
01:53:32 - cmdstanpy - INFO - Chain [1] done processing
01:53:32 - cmdstanpy - INFO - Chain [1] start processing
01:53:32 - cmdstanpy - INFO - Chain [1] done processing
01:53:33 - cmdstanpy - INFO - Chain [1] start processing
01:53:33 - cmdstanpy - INFO - Chain [1] done processing
01:53:33 - cmdstanpy - INFO - Chain [1] start processing
01:53:33 - cmdstanpy - INFO - Chain [1] done processing
01:53:33 - cmdstanpy - INFO - Chain [1] start processing
01:53:33 - cmdstanpy - INFO - Chain [1] done processing
01:53:34 - cmdstanpy - INFO - Chain [1] start processing
01:53:34 - cmdstanpy - INFO - Chain [1] done processing
01:53:34 - cmdstanpy - INFO - Chain [1] start processing
01:53:34 - cmdstanpy - INFO - Chain [1] done processing
01:53:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:34 - cmdstanpy - INFO - Chain [1] start processing
01:53:34 - cmdstanpy - INFO - Chain [1] done processing
01:53:35 - cmdstanpy - INFO - Chain [1] start processing
01:53:35 - cmdstanpy - INFO - Chain [1] done processing
01:53:35 - cmdstanpy - INFO - Chain [1] start processing
01:53:35 - cmdstanpy - INFO - Chain [1] done processing
01:53:36 - cmdstanpy - INFO - Chain [1] start processing
01:53:36 - cmdstanpy - INFO - Chain [1] done processing
01:53:36 - cmdstanpy - INFO - Chain [1] start processing
01:53:36 - cmdstanpy - INFO - Chain [1] done processing
01:53:36 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:53:36 - cmdstanpy - INFO - Chain [1] done processing
01:53:37 - cmdstanpy - INFO - Chain [1] start processing
01:53:37 - cmdstanpy - INFO - Chain [1] done processing
01:53:37 - cmdstanpy - INFO - Chain [1] start processing
01:53:37 - cmdstanpy - INFO - Chain [1] done processing
01:53:38 - cmdstanpy - INFO - Chain [1] start processing
01:53:38 - cmdstanpy - INFO - Chain [1] done processing
01:53:38 - cmdstanpy - INFO - Chain [1] start processing
01:53:38 - cmdstanpy - INFO - Chain [1] done processing
01:53:38 - cmdstanpy - INFO - Chain [1] start processing
01:53:38 - cmdstanpy - INFO - Chain [1] done processing
01:53:39 - cmdstanpy - INFO - Chain [1] start processing
01:53:39 - cmdstanpy - INFO - Chain [1] done processing
01:53:39 - cmdstanpy - INFO - Chain [1] start processing
01:53:39 - cmdstanpy - INFO - Chain [1] done processing
01:53:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:39 - cmdstanpy - INFO - Chain [1] start processing
01:53:39 - cmdstanpy - INFO - Chain [1] done processing
01:53:40 - cmdstanpy - INFO - Chain [1] start processing
01:53:40 - cmdstanpy - INFO - Chain [1] done processing
01:53:40 - cmdstanpy - INFO - Chain [1] start processing
01:53:40 - cmdstanpy - INFO - Chain [1] done processing
01:53:40 - cmdstanpy - INFO - Chain [1] start processing
01:53:40 - cmdstanpy - INFO - Chain [1] done processing
01:53:41 - cmdstanpy - INFO - Chain [1] start processing
01:53:41 - cmdstanpy - INFO - Chain [1] done processing
01:53:41 - cmdstanpy - INFO - Chain [1] start processing
01:53:41 - cmdstanpy - INFO - Chain [1] done processing
01:53:41 - cmdstanpy - INFO - Chain [1] start processing
01:53:41 - cmdstanpy - INFO - Chain [1] done processing
01:53:42 - cmdstanpy - INFO - Chain [1] start processing
01:53:42 - cmdstanpy - INFO - Chain [1] done processing
01:53:42 - cmdstanpy - INFO - Chain [1] start processing
01:53:42 - cmdstanpy - INFO - Chain [1] done processing
01:53:43 - cmdstanpy - INFO - Chain [1] start processing
01:53:43 - cmdstanpy - INFO - Chain [1] done processing
01:53:43 - cmdstanpy - INFO - Chain [1] start processing
01:53:43 - cmdstanpy - INFO - Chain [1] done processing
01:53:43 - cmdstanpy - INFO - Chain [1] start processing
01:53:43 - cmdstanpy - INFO - Chain [1] done processing
01:53:44 - cmdstanpy - INFO - Chain [1] start processing
01:53:44 - cmdstanpy - INFO - Chain [1] done processing
01:53:44 - cmdstanpy - INFO - Chain [1] start processing
01:53:44 - cmdstanpy - INFO - Chain [1] done processing
01:53:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:44 - cmdstanpy - INFO - Chain [1] start processing
01:53:45 - cmdstanpy - INFO - Chain [1] done processing
01:53:45 - cmdstanpy - INFO - Chain [1] start processing
01:53:45 - cmdstanpy - INFO - Chain [1] done processing
01:53:45 - cmdstanpy - INFO - Chain [1] start processing
01:53:45 - cmdstanpy - INFO - Chain [1] done processing
01:53:46 - cmdstanpy - INFO - Chain [1] start processing
01:53:46 - cmdstanpy - INFO - Chain [1] done processing
01:53:46 - cmdstanpy - INFO - Chain [1] start processing
01:53:46 - cmdstanpy - INFO - Chain [1] done processing
01:53:46 - cmdstanpy - INFO - Chain [1] start processing
01:53:46 - cmdstanpy - INFO - Chain [1] done processing
01:53:47 - cmdstanpy - INFO - Chain [1] start processing
01:53:47 - cmdstanpy - INFO - Chain [1] done processing
01:53:47 - cmdstanpy - INFO - Chain [1] start processing
01:53:47 - cmdstanpy - INFO - Chain [1] done processing
01:53:48 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:53:48 - cmdstanpy - INFO - Chain [1] done processing
01:53:48 - cmdstanpy - INFO - Chain [1] start processing
01:53:48 - cmdstanpy - INFO - Chain [1] done processing
01:53:48 - cmdstanpy - INFO - Chain [1] start processing
01:53:48 - cmdstanpy - INFO - Chain [1] done processing
01:53:49 - cmdstanpy - INFO - Chain [1] start processing
01:53:49 - cmdstanpy - INFO - Chain [1] done processing
01:53:49 - cmdstanpy - INFO - Chain [1] start processing
01:53:49 - cmdstanpy - INFO - Chain [1] done processing
01:53:50 - cmdstanpy - INFO - Chain [1] start processing
01:53:50 - cmdstanpy - INFO - Chain [1] done processing
01:53:50 - cmdstanpy - INFO - Chain [1] start processing
01:53:50 - cmdstanpy - INFO - Chain [1] done processing
01:53:50 - cmdstanpy - INFO - Chain [1] start processing
01:53:50 - cmdstanpy - INFO - Chain [1] done processing
01:53:51 - cmdstanpy - INFO - Chain [1] start processing
01:53:51 - cmdstanpy - INFO - Chain [1] done processing
01:53:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:51 - cmdstanpy - INFO - Chain [1] start processing
01:53:51 - cmdstanpy - INFO - Chain [1] done processing
01:53:51 - cmdstanpy - INFO - Chain [1] start processing
01:53:51 - cmdstanpy - INFO - Chain [1] done processing
01:53:52 - cmdstanpy - INFO - Chain [1] start processing
01:53:52 - cmdstanpy - INFO - Chain [1] done processing
01:53:52 - cmdstanpy - INFO - Chain [1] start processing
01:53:52 - cmdstanpy - INFO - Chain [1] done processing
01:53:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:52 - cmdstanpy - INFO - Chain [1] start processing
01:53:52 - cmdstanpy - INFO - Chain [1] done processing
01:53:53 - cmdstanpy - INFO - Chain [1] start processing
01:53:53 - cmdstanpy - INFO - Chain [1] done processing
01:53:53 - cmdstanpy - INFO - Chain [1] start processing
01:53:53 - cmdstanpy - INFO - Chain [1] done processing
01:53:53 - cmdstanpy - INFO - Chain [1] start processing
01:53:53 - cmdstanpy - INFO - Chain [1] done processing
01:53:54 - cmdstanpy - INFO - Chain [1] start processing
01:53:54 - cmdstanpy - INFO - Chain [1] done processing
01:53:54 - cmdstanpy - INFO - Chain [1] start processing
01:53:54 - cmdstanpy - INFO - Chain [1] done processing
01:53:55 - cmdstanpy - INFO - Chain [1] start processing
01:53:55 - cmdstanpy - INFO - Chain [1] done processing
01:53:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:55 - cmdstanpy - INFO - Chain [1] start processing
01:53:55 - cmdstanpy - INFO - Chain [1] done processing
01:53:55 - cmdstanpy - INFO - Chain [1] start processing
01:53:55 - cmdstanpy - INFO - Chain [1] done processing
01:53:55 - cmdstanpy - INFO - Chain [1] start processing
01:53:55 - cmdstanpy - INFO - Chain [1] done processing
01:53:56 - cmdstanpy - INFO - Chain [1] start processing
01:53:56 - cmdstanpy - INFO - Chain [1] done processing
01:53:56 - cmdstanpy - INFO - Chain [1] start processing
01:53:56 - cmdstanpy - INFO - Chain [1] done processing
01:53:57 - cmdstanpy - INFO - Chain [1] start processing
01:53:57 - cmdstanpy - INFO - Chain [1] done processing
01:53:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:57 - cmdstanpy - INFO - Chain [1] start processing
01:53:57 - cmdstanpy - INFO - Chain [1] done processing
01:53:57 - cmdstanpy - INFO - Chain [1] start processing
01:53:57 - cmdstanpy - INFO - Chain [1] done processing
01:53:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:53:58 - cmdstanpy - INFO - Chain [1] done processing
01:53:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:58 - cmdstanpy - INFO - Chain [1] start processing
01:53:58 - cmdstanpy - INFO - Chain [1] done processing
01:53:58 - cmdstanpy - INFO - Chain [1] start processing
01:53:58 - cmdstanpy - INFO - Chain [1] done processing
01:53:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:58 - cmdstanpy - INFO - Chain [1] start processing
01:53:59 - cmdstanpy - INFO - Chain [1] done processing
01:53:59 - cmdstanpy - INFO - Chain [1] start processing
01:53:59 - cmdstanpy - INFO - Chain [1] done processing
01:53:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:53:59 - cmdstanpy - INFO - Chain [1] start processing
01:53:59 - cmdstanpy - INFO - Chain [1] done processing
01:54:00 - cmdstanpy - INFO - Chain [1] start processing
01:54:00 - cmdstanpy - INFO - Chain [1] done processing
01:54:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:00 - cmdstanpy - INFO - Chain [1] start processing
01:54:00 - cmdstanpy - INFO - Chain [1] done processing
01:54:01 - cmdstanpy - INFO - Chain [1] start processing
01:54:01 - cmdstanpy - INFO - Chain [1] done processing
01:54:01 - cmdstanpy - INFO - Chain [1] start processing
01:54:01 - cmdstanpy - INFO - Chain [1] done processing
01:54:02 - cmdstanpy - INFO - Chain [1] start processing
01:54:02 - cmdstanpy - INFO - Chain [1] done processing
01:54:02 - cmdstanpy - INFO - Chain [1] start processing
01:54:02 - cmdstanpy - INFO - Chain [1] done processing
01:54:02 - cmdstanpy - INFO - Chain [1] start processing
01:54:02 - cmdstanpy - INFO - Chain [1] done processing
01:54:03 - cmdstanpy - INFO - Chain [1] start processing
01:54:03 - cmdstanpy - INFO - Chain [1] done processing
01:54:03 - cmdstanpy - INFO - Chain [1] start processing
01:54:03 - cmdstanpy - INFO - Chain [1] done processing
01:54:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:03 - cmdstanpy - INFO - Chain [1] start processing
01:54:03 - cmdstanpy - INFO - Chain [1] done processing
01:54:04 - cmdstanpy - INFO - Chain [1] start processing
01:54:04 - cmdstanpy - INFO - Chain [1] done processing
01:54:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:04 - cmdstanpy - INFO - Chain [1] start processing
01:54:04 - cmdstanpy - INFO - Chain [1] done processing
01:54:04 - cmdstanpy - INFO - Chain [1] start processing
01:54:04 - cmdstanpy - INFO - Chain [1] done processing
01:54:05 - cmdstanpy - INFO - Chain [1] start processing
01:54:05 - cmdstanpy - INFO - Chain [1] done processing
01:54:05 - cmdstanpy - INFO - Chain [1] start processing
01:54:05 - cmdstanpy - INFO - Chain [1] done processing
01:54:06 - cmdstanpy - INFO - Chain [1] start processing
01:54:06 - cmdstanpy - INFO - Chain [1] done processing
01:54:06 - cmdstanpy - INFO - Chain [1] start processing
01:54:06 - cmdstanpy - INFO - Chain [1] done processing
01:54:06 - cmdstanpy - INFO - Chain [1] start processing
01:54:06 - cmdstanpy - INFO - Chain [1] done processing
01:54:07 - cmdstanpy - INFO - Chain [1] start processing
01:54:07 - cmdstanpy - INFO - Chain [1] done processing
01:54:07 - cmdstanpy - INFO - Chain [1] start processing
01:54:07 - cmdstanpy - INFO - Chain [1] done processing
01:54:07 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:54:08 - cmdstanpy - INFO - Chain [1] done processing
01:54:08 - cmdstanpy - INFO - Chain [1] start processing
01:54:08 - cmdstanpy - INFO - Chain [1] done processing
01:54:08 - cmdstanpy - INFO - Chain [1] start processing
01:54:08 - cmdstanpy - INFO - Chain [1] done processing
01:54:09 - cmdstanpy - INFO - Chain [1] start processing
01:54:09 - cmdstanpy - INFO - Chain [1] done processing
01:54:09 - cmdstanpy - INFO - Chain [1] start processing
01:54:09 - cmdstanpy - INFO - Chain [1] done processing
01:54:09 - cmdstanpy - INFO - Chain [1] start processing
01:54:09 - cmdstanpy - INFO - Chain [1] done processing
01:54:10 - cmdstanpy - INFO - Chain [1] start processing
01:54:10 - cmdstanpy - INFO - Chain [1] done processing
01:54:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:10 - cmdstanpy - INFO - Chain [1] start processing
01:54:10 - cmdstanpy - INFO - Chain [1] done processing
01:54:10 - cmdstanpy - INFO - Chain [1] start processing
01:54:10 - cmdstanpy - INFO - Chain [1] done processing
01:54:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:10 - cmdstanpy - INFO - Chain [1] start processing
01:54:11 - cmdstanpy - INFO - Chain [1] done processing
01:54:11 - cmdstanpy - INFO - Chain [1] start processing
01:54:11 - cmdstanpy - INFO - Chain [1] done processing
01:54:11 - cmdstanpy - INFO - Chain [1] start processing
01:54:11 - cmdstanpy - INFO - Chain [1] done processing
01:54:12 - cmdstanpy - INFO - Chain [1] start processing
01:54:12 - cmdstanpy - INFO - Chain [1] done processing
01:54:12 - cmdstanpy - INFO - Chain [1] start processing
01:54:12 - cmdstanpy - INFO - Chain [1] done processing
01:54:12 - cmdstanpy - INFO - Chain [1] start processing
01:54:12 - cmdstanpy - INFO - Chain [1] done processing
01:54:13 - cmdstanpy - INFO - Chain [1] start processing
01:54:13 - cmdstanpy - INFO - Chain [1] done processing
01:54:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:13 - cmdstanpy - INFO - Chain [1] start processing
01:54:13 - cmdstanpy - INFO - Chain [1] done processing
01:54:13 - cmdstanpy - INFO - Chain [1] start processing
01:54:14 - cmdstanpy - INFO - Chain [1] done processing
01:54:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:14 - cmdstanpy - INFO - Chain [1] start processing
01:54:14 - cmdstanpy - INFO - Chain [1] done processing
01:54:14 - cmdstanpy - INFO - Chain [1] start processing
01:54:14 - cmdstanpy - INFO - Chain [1] done processing
01:54:15 - cmdstanpy - INFO - Chain [1] start processing
01:54:15 - cmdstanpy - INFO - Chain [1] done processing
01:54:15 - cmdstanpy - INFO - Chain [1] start processing
01:54:15 - cmdstanpy - INFO - Chain [1] done processing
01:54:15 - cmdstanpy - INFO - Chain [1] start processing
01:54:15 - cmdstanpy - INFO - Chain [1] done processing
01:54:16 - cmdstanpy - INFO - Chain [1] start processing
01:54:16 - cmdstanpy - INFO - Chain [1] done processing
01:54:16 - cmdstanpy - INFO - Chain [1] start processing
01:54:16 - cmdstanpy - INFO - Chain [1] done processing
01:54:16 - cmdstanpy - INFO - Chain [1] start processing
01:54:16 - cmdstanpy - INFO - Chain [1] done processing
01:54:17 - cmdstanpy - INFO - Chain [1] start processing
01:54:17 - cmdstanpy - INFO - Chain [1] done processing
01:54:17 - cmdstanpy - INFO - Chain [1] start processing
01:54:17 - cmdstanpy - INFO - Chain [1] done processing
01:54:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:54:18 - cmdstanpy - INFO - Chain [1] done processing
01:54:18 - cmdstanpy - INFO - Chain [1] start processing
01:54:18 - cmdstanpy - INFO - Chain [1] done processing
01:54:18 - cmdstanpy - INFO - Chain [1] start processing
01:54:18 - cmdstanpy - INFO - Chain [1] done processing
01:54:19 - cmdstanpy - INFO - Chain [1] start processing
01:54:19 - cmdstanpy - INFO - Chain [1] done processing
01:54:19 - cmdstanpy - INFO - Chain [1] start processing
01:54:19 - cmdstanpy - INFO - Chain [1] done processing
01:54:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:19 - cmdstanpy - INFO - Chain [1] start processing
01:54:19 - cmdstanpy - INFO - Chain [1] done processing
01:54:20 - cmdstanpy - INFO - Chain [1] start processing
01:54:20 - cmdstanpy - INFO - Chain [1] done processing
01:54:20 - cmdstanpy - INFO - Chain [1] start processing
01:54:20 - cmdstanpy - INFO - Chain [1] done processing
01:54:20 - cmdstanpy - INFO - Chain [1] start processing
01:54:20 - cmdstanpy - INFO - Chain [1] done processing
01:54:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:20 - cmdstanpy - INFO - Chain [1] start processing
01:54:21 - cmdstanpy - INFO - Chain [1] done processing
01:54:21 - cmdstanpy - INFO - Chain [1] start processing
01:54:21 - cmdstanpy - INFO - Chain [1] done processing
01:54:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:21 - cmdstanpy - INFO - Chain [1] start processing
01:54:21 - cmdstanpy - INFO - Chain [1] done processing
01:54:22 - cmdstanpy - INFO - Chain [1] start processing
01:54:22 - cmdstanpy - INFO - Chain [1] done processing
01:54:22 - cmdstanpy - INFO - Chain [1] start processing
01:54:22 - cmdstanpy - INFO - Chain [1] done processing
01:54:23 - cmdstanpy - INFO - Chain [1] start processing
01:54:23 - cmdstanpy - INFO - Chain [1] done processing
01:54:23 - cmdstanpy - INFO - Chain [1] start processing
01:54:23 - cmdstanpy - INFO - Chain [1] done processing
01:54:23 - cmdstanpy - INFO - Chain [1] start processing
01:54:23 - cmdstanpy - INFO - Chain [1] done processing
01:54:24 - cmdstanpy - INFO - Chain [1] start processing
01:54:24 - cmdstanpy - INFO - Chain [1] done processing
01:54:24 - cmdstanpy - INFO - Chain [1] start processing
01:54:24 - cmdstanpy - INFO - Chain [1] done processing
01:54:25 - cmdstanpy - INFO - Chain [1] start processing
01:54:25 - cmdstanpy - INFO - Chain [1] done processing
01:54:25 - cmdstanpy - INFO - Chain [1] start processing
01:54:25 - cmdstanpy - INFO - Chain [1] done processing
01:54:25 - cmdstanpy - INFO - Chain [1] start processing
01:54:25 - cmdstanpy - INFO - Chain [1] done processing
01:54:26 - cmdstanpy - INFO - Chain [1] start processing
01:54:26 - cmdstanpy - INFO - Chain [1] done processing
01:54:26 - cmdstanpy - INFO - Chain [1] start processing
01:54:26 - cmdstanpy - INFO - Chain [1] done processing
01:54:26 - cmdstanpy - INFO - Chain [1] start processing
01:54:26 - cmdstanpy - INFO - Chain [1] done processing
01:54:27 - cmdstanpy - INFO - Chain [1] start processing
01:54:27 - cmdstanpy - INFO - Chain [1] done processing
01:54:27 - cmdstanpy - INFO - Chain [1] start processing
01:54:27 - cmdstanpy - INFO - Chain [1] done processing
01:54:28 - cmdstanpy - INFO - Chain [1] start processing
01:54:28 - cmdstanpy - INFO - Chain [1] done processing
01:54:28 - cmdstanpy - INFO - Chain [1] start processing
01:54:28 - cmdstanpy - INFO - Chain [1] done processing
01:54:28 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:54:28 - cmdstanpy - INFO - Chain [1] done processing
01:54:29 - cmdstanpy - INFO - Chain [1] start processing
01:54:29 - cmdstanpy - INFO - Chain [1] done processing
01:54:29 - cmdstanpy - INFO - Chain [1] start processing
01:54:29 - cmdstanpy - INFO - Chain [1] done processing
01:54:29 - cmdstanpy - INFO - Chain [1] start processing
01:54:29 - cmdstanpy - INFO - Chain [1] done processing
01:54:30 - cmdstanpy - INFO - Chain [1] start processing
01:54:30 - cmdstanpy - INFO - Chain [1] done processing
01:54:30 - cmdstanpy - INFO - Chain [1] start processing
01:54:30 - cmdstanpy - INFO - Chain [1] done processing
01:54:31 - cmdstanpy - INFO - Chain [1] start processing
01:54:31 - cmdstanpy - INFO - Chain [1] done processing
01:54:31 - cmdstanpy - INFO - Chain [1] start processing
01:54:31 - cmdstanpy - INFO - Chain [1] done processing
01:54:31 - cmdstanpy - INFO - Chain [1] start processing
01:54:31 - cmdstanpy - INFO - Chain [1] done processing
01:54:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:31 - cmdstanpy - INFO - Chain [1] start processing
01:54:32 - cmdstanpy - INFO - Chain [1] done processing
01:54:32 - cmdstanpy - INFO - Chain [1] start processing
01:54:32 - cmdstanpy - INFO - Chain [1] done processing
01:54:32 - cmdstanpy - INFO - Chain [1] start processing
01:54:32 - cmdstanpy - INFO - Chain [1] done processing
01:54:33 - cmdstanpy - INFO - Chain [1] start processing
01:54:33 - cmdstanpy - INFO - Chain [1] done processing
01:54:33 - cmdstanpy - INFO - Chain [1] start processing
01:54:33 - cmdstanpy - INFO - Chain [1] done processing
01:54:33 - cmdstanpy - INFO - Chain [1] start processing
01:54:33 - cmdstanpy - INFO - Chain [1] done processing
01:54:34 - cmdstanpy - INFO - Chain [1] start processing
01:54:34 - cmdstanpy - INFO - Chain [1] done processing
01:54:34 - cmdstanpy - INFO - Chain [1] start processing
01:54:34 - cmdstanpy - INFO - Chain [1] done processing
01:54:35 - cmdstanpy - INFO - Chain [1] start processing
01:54:35 - cmdstanpy - INFO - Chain [1] done processing
01:54:35 - cmdstanpy - INFO - Chain [1] start processing
01:54:35 - cmdstanpy - INFO - Chain [1] done processing
01:54:35 - cmdstanpy - INFO - Chain [1] start processing
01:54:35 - cmdstanpy - INFO - Chain [1] done processing
01:54:36 - cmdstanpy - INFO - Chain [1] start processing
01:54:36 - cmdstanpy - INFO - Chain [1] done processing
01:54:36 - cmdstanpy - INFO - Chain [1] start processing
01:54:36 - cmdstanpy - INFO - Chain [1] done processing
01:54:36 - cmdstanpy - INFO - Chain [1] start processing
01:54:37 - cmdstanpy - INFO - Chain [1] done processing
01:54:37 - cmdstanpy - INFO - Chain [1] start processing
01:54:37 - cmdstanpy - INFO - Chain [1] done processing
01:54:37 - cmdstanpy - INFO - Chain [1] start processing
01:54:37 - cmdstanpy - INFO - Chain [1] done processing
01:54:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:37 - cmdstanpy - INFO - Chain [1] start processing
01:54:38 - cmdstanpy - INFO - Chain [1] done processing
01:54:38 - cmdstanpy - INFO - Chain [1] start processing
01:54:38 - cmdstanpy - INFO - Chain [1] done processing
01:54:38 - cmdstanpy - INFO - Chain [1] start processing
01:54:38 - cmdstanpy - INFO - Chain [1] done processing
01:54:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:38 - cmdstanpy - INFO - Chain [1] start processing
01:54:39 - cmdstanpy - INFO - Chain [1] done processing
01:54:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:54:39 - cmdstanpy - INFO - Chain [1] done processing
01:54:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:39 - cmdstanpy - INFO - Chain [1] start processing
01:54:39 - cmdstanpy - INFO - Chain [1] done processing
01:54:40 - cmdstanpy - INFO - Chain [1] start processing
01:54:40 - cmdstanpy - INFO - Chain [1] done processing
01:54:40 - cmdstanpy - INFO - Chain [1] start processing
01:54:40 - cmdstanpy - INFO - Chain [1] done processing
01:54:40 - cmdstanpy - INFO - Chain [1] start processing
01:54:40 - cmdstanpy - INFO - Chain [1] done processing
01:54:41 - cmdstanpy - INFO - Chain [1] start processing
01:54:41 - cmdstanpy - INFO - Chain [1] done processing
01:54:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:41 - cmdstanpy - INFO - Chain [1] start processing
01:54:41 - cmdstanpy - INFO - Chain [1] done processing
01:54:41 - cmdstanpy - INFO - Chain [1] start processing
01:54:41 - cmdstanpy - INFO - Chain [1] done processing
01:54:42 - cmdstanpy - INFO - Chain [1] start processing
01:54:42 - cmdstanpy - INFO - Chain [1] done processing
01:54:42 - cmdstanpy - INFO - Chain [1] start processing
01:54:42 - cmdstanpy - INFO - Chain [1] done processing
01:54:42 - cmdstanpy - INFO - Chain [1] start processing
01:54:42 - cmdstanpy - INFO - Chain [1] done processing
01:54:43 - cmdstanpy - INFO - Chain [1] start processing
01:54:43 - cmdstanpy - INFO - Chain [1] done processing
01:54:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:43 - cmdstanpy - INFO - Chain [1] start processing
01:54:43 - cmdstanpy - INFO - Chain [1] done processing
01:54:43 - cmdstanpy - INFO - Chain [1] start processing
01:54:43 - cmdstanpy - INFO - Chain [1] done processing
01:54:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:43 - cmdstanpy - INFO - Chain [1] start processing
01:54:44 - cmdstanpy - INFO - Chain [1] done processing
01:54:44 - cmdstanpy - INFO - Chain [1] start processing
01:54:44 - cmdstanpy - INFO - Chain [1] done processing
01:54:44 - cmdstanpy - INFO - Chain [1] start processing
01:54:45 - cmdstanpy - INFO - Chain [1] done processing
01:54:45 - cmdstanpy - INFO - Chain [1] start processing
01:54:45 - cmdstanpy - INFO - Chain [1] done processing
01:54:45 - cmdstanpy - INFO - Chain [1] start processing
01:54:45 - cmdstanpy - INFO - Chain [1] done processing
01:54:46 - cmdstanpy - INFO - Chain [1] start processing
01:54:46 - cmdstanpy - INFO - Chain [1] done processing
01:54:46 - cmdstanpy - INFO - Chain [1] start processing
01:54:46 - cmdstanpy - INFO - Chain [1] done processing
01:54:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:46 - cmdstanpy - INFO - Chain [1] start processing
01:54:46 - cmdstanpy - INFO - Chain [1] done processing
01:54:47 - cmdstanpy - INFO - Chain [1] start processing
01:54:47 - cmdstanpy - INFO - Chain [1] done processing
01:54:47 - cmdstanpy - INFO - Chain [1] start processing
01:54:47 - cmdstanpy - INFO - Chain [1] done processing
01:54:48 - cmdstanpy - INFO - Chain [1] start processing
01:54:48 - cmdstanpy - INFO - Chain [1] done processing
01:54:48 - cmdstanpy - INFO - Chain [1] start processing
01:54:48 - cmdstanpy - INFO - Chain [1] done processing
01:54:48 - cmdstanpy - INFO - Chain [1] start processing
01:54:49 - cmdstanpy - INFO - Chain [1] done processing
01:54:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:54:49 - cmdstanpy - INFO - Chain [1] start processing
01:54:49 - cmdstanpy - INFO - Chain [1] done processing
01:54:49 - cmdstanpy - INFO - Chain [1] start processing
01:54:49 - cmdstanpy - INFO - Chain [1] done processing
01:54:49 - cmdstanpy - INFO - Chain [1] start processing
01:54:50 - cmdstanpy - INFO - Chain [1] done processing
01:54:50 - cmdstanpy - INFO - Chain [1] start processing
01:54:50 - cmdstanpy - INFO - Chain [1] done processing
01:54:50 - cmdstanpy - INFO - Chain [1] start processing
01:54:50 - cmdstanpy - INFO - Chain [1] done processing
01:54:51 - cmdstanpy - INFO - Chain [1] start processing
01:54:51 - cmdstanpy - INFO - Chain [1] done processing
01:54:51 - cmdstanpy - INFO - Chain [1] start processing
01:54:51 - cmdstanpy - INFO - Chain [1] done processing
01:54:51 - cmdstanpy - INFO - Chain [1] start processing
01:54:51 - cmdstanpy - INFO - Chain [1] done processing
01:54:52 - cmdstanpy - INFO - Chain [1] start processing
01:54:52 - cmdstanpy - INFO - Chain [1] done processing
01:54:52 - cmdstanpy - INFO - Chain [1] start processing
01:54:52 - cmdstanpy - INFO - Chain [1] done processing
01:54:52 - cmdstanpy - INFO - Chain [1] start processing
01:54:53 - cmdstanpy - INFO - Chain [1] done processing
01:54:53 - cmdstanpy - INFO - Chain [1] start processing
01:54:53 - cmdstanpy - INFO - Chain [1] done processing
01:54:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:54:53 - cmdstanpy - INFO - Chain [1] start processing
01:54:54 - cmdstanpy - INFO - Chain [1] done processing
01:54:54 - cmdstanpy - INFO - Chain [1] start processing
01:54:54 - cmdstanpy - INFO - Chain [1] done processing
01:54:54 - cmdstanpy - INFO - Chain [1] start processing
01:54:54 - cmdstanpy - INFO - Chain [1] done processing
01:54:55 - cmdstanpy - INFO - Chain [1] start processing
01:54:55 - cmdstanpy - INFO - Chain [1] done processing
01:54:55 - cmdstanpy - INFO - Chain [1] start processing
01:54:55 - cmdstanpy - INFO - Chain [1] done processing
01:54:55 - cmdstanpy - INFO - Chain [1] start processing
01:54:55 - cmdstanpy - INFO - Chain [1] done processing
01:54:56 - cmdstanpy - INFO - Chain [1] start processing
01:54:56 - cmdstanpy - INFO - Chain [1] done processing
01:54:56 - cmdstanpy - INFO - Chain [1] start processing
01:54:56 - cmdstanpy - INFO - Chain [1] done processing
01:54:57 - cmdstanpy - INFO - Chain [1] start processing
01:54:57 - cmdstanpy - INFO - Chain [1] done processing
01:54:57 - cmdstanpy - INFO - Chain [1] start processing
01:54:57 - cmdstanpy - INFO - Chain [1] done processing
01:54:57 - cmdstanpy - INFO - Chain [1] start processing
01:54:57 - cmdstanpy - INFO - Chain [1] done processing
01:54:58 - cmdstanpy - INFO - Chain [1] start processing
01:54:58 - cmdstanpy - INFO - Chain [1] done processing
01:54:58 - cmdstanpy - INFO - Chain [1] start processing
01:54:58 - cmdstanpy - INFO - Chain [1] done processing
01:54:58 - cmdstanpy - INFO - Chain [1] start processing
01:54:58 - cmdstanpy - INFO - Chain [1] done processing
01:54:59 - cmdstanpy - INFO - Chain [1] start processing
01:54:59 - cmdstanpy - INFO - Chain [1] done processing
01:54:59 - cmdstanpy - INFO - Chain [1] start processing
01:54:59 - cmdstanpy - INFO - Chain [1] done processing
01:54:59 - cmdstanpy - INFO - Chain [1] start processing
01:55:00 - cmdstanpy - INFO - Chain [1] done processing
01:55:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:00 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:55:00 - cmdstanpy - INFO - Chain [1] done processing
01:55:00 - cmdstanpy - INFO - Chain [1] start processing
01:55:00 - cmdstanpy - INFO - Chain [1] done processing
01:55:01 - cmdstanpy - INFO - Chain [1] start processing
01:55:01 - cmdstanpy - INFO - Chain [1] done processing
01:55:01 - cmdstanpy - INFO - Chain [1] start processing
01:55:01 - cmdstanpy - INFO - Chain [1] done processing
01:55:01 - cmdstanpy - INFO - Chain [1] start processing
01:55:01 - cmdstanpy - INFO - Chain [1] done processing
01:55:02 - cmdstanpy - INFO - Chain [1] start processing
01:55:02 - cmdstanpy - INFO - Chain [1] done processing
01:55:02 - cmdstanpy - INFO - Chain [1] start processing
01:55:02 - cmdstanpy - INFO - Chain [1] done processing
01:55:03 - cmdstanpy - INFO - Chain [1] start processing
01:55:03 - cmdstanpy - INFO - Chain [1] done processing
01:55:03 - cmdstanpy - INFO - Chain [1] start processing
01:55:03 - cmdstanpy - INFO - Chain [1] done processing
01:55:03 - cmdstanpy - INFO - Chain [1] start processing
01:55:04 - cmdstanpy - INFO - Chain [1] done processing
01:55:04 - cmdstanpy - INFO - Chain [1] start processing
01:55:04 - cmdstanpy - INFO - Chain [1] done processing
01:55:04 - cmdstanpy - INFO - Chain [1] start processing
01:55:04 - cmdstanpy - INFO - Chain [1] done processing
01:55:05 - cmdstanpy - INFO - Chain [1] start processing
01:55:05 - cmdstanpy - INFO - Chain [1] done processing
01:55:05 - cmdstanpy - INFO - Chain [1] start processing
01:55:05 - cmdstanpy - INFO - Chain [1] done processing
01:55:05 - cmdstanpy - INFO - Chain [1] start processing
01:55:05 - cmdstanpy - INFO - Chain [1] done processing
01:55:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:06 - cmdstanpy - INFO - Chain [1] start processing
01:55:06 - cmdstanpy - INFO - Chain [1] done processing
01:55:06 - cmdstanpy - INFO - Chain [1] start processing
01:55:06 - cmdstanpy - INFO - Chain [1] done processing
01:55:07 - cmdstanpy - INFO - Chain [1] start processing
01:55:07 - cmdstanpy - INFO - Chain [1] done processing
01:55:07 - cmdstanpy - INFO - Chain [1] start processing
01:55:07 - cmdstanpy - INFO - Chain [1] done processing
01:55:07 - cmdstanpy - INFO - Chain [1] start processing
01:55:07 - cmdstanpy - INFO - Chain [1] done processing
01:55:08 - cmdstanpy - INFO - Chain [1] start processing
01:55:08 - cmdstanpy - INFO - Chain [1] done processing
01:55:08 - cmdstanpy - INFO - Chain [1] start processing
01:55:08 - cmdstanpy - INFO - Chain [1] done processing
01:55:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:08 - cmdstanpy - INFO - Chain [1] start processing
01:55:08 - cmdstanpy - INFO - Chain [1] done processing
01:55:09 - cmdstanpy - INFO - Chain [1] start processing
01:55:09 - cmdstanpy - INFO - Chain [1] done processing
01:55:09 - cmdstanpy - INFO - Chain [1] start processing
01:55:09 - cmdstanpy - INFO - Chain [1] done processing
01:55:09 - cmdstanpy - INFO - Chain [1] start processing
01:55:09 - cmdstanpy - INFO - Chain [1] done processing
01:55:10 - cmdstanpy - INFO - Chain [1] start processing
01:55:10 - cmdstanpy - INFO - Chain [1] done processing
01:55:10 - cmdstanpy - INFO - Chain [1] start processing
01:55:10 - cmdstanpy - INFO - Chain [1] done processing
01:55:11 - cmdstanpy - INFO - Chain [1] start processing
01:55:11 - cmdstanpy - INFO - Chain [1] done processing
01:55:11 - cmdstanpy - INFO - Chain [1] start processing
01:55:11 - cmdstanpy - INFO - Chain [1] done processing
01:55:11 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:55:11 - cmdstanpy - INFO - Chain [1] done processing
01:55:12 - cmdstanpy - INFO - Chain [1] start processing
01:55:12 - cmdstanpy - INFO - Chain [1] done processing
01:55:12 - cmdstanpy - INFO - Chain [1] start processing
01:55:12 - cmdstanpy - INFO - Chain [1] done processing
01:55:12 - cmdstanpy - INFO - Chain [1] start processing
01:55:12 - cmdstanpy - INFO - Chain [1] done processing
01:55:13 - cmdstanpy - INFO - Chain [1] start processing
01:55:13 - cmdstanpy - INFO - Chain [1] done processing
01:55:13 - cmdstanpy - INFO - Chain [1] start processing
01:55:13 - cmdstanpy - INFO - Chain [1] done processing
01:55:14 - cmdstanpy - INFO - Chain [1] start processing
01:55:14 - cmdstanpy - INFO - Chain [1] done processing
01:55:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:14 - cmdstanpy - INFO - Chain [1] start processing
01:55:14 - cmdstanpy - INFO - Chain [1] done processing
01:55:14 - cmdstanpy - INFO - Chain [1] start processing
01:55:14 - cmdstanpy - INFO - Chain [1] done processing
01:55:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:14 - cmdstanpy - INFO - Chain [1] start processing
01:55:15 - cmdstanpy - INFO - Chain [1] done processing
01:55:15 - cmdstanpy - INFO - Chain [1] start processing
01:55:15 - cmdstanpy - INFO - Chain [1] done processing
01:55:15 - cmdstanpy - INFO - Chain [1] start processing
01:55:15 - cmdstanpy - INFO - Chain [1] done processing
01:55:16 - cmdstanpy - INFO - Chain [1] start processing
01:55:16 - cmdstanpy - INFO - Chain [1] done processing
01:55:16 - cmdstanpy - INFO - Chain [1] start processing
01:55:16 - cmdstanpy - INFO - Chain [1] done processing
01:55:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:16 - cmdstanpy - INFO - Chain [1] start processing
01:55:16 - cmdstanpy - INFO - Chain [1] done processing
01:55:17 - cmdstanpy - INFO - Chain [1] start processing
01:55:17 - cmdstanpy - INFO - Chain [1] done processing
01:55:17 - cmdstanpy - INFO - Chain [1] start processing
01:55:17 - cmdstanpy - INFO - Chain [1] done processing
01:55:17 - cmdstanpy - INFO - Chain [1] start processing
01:55:17 - cmdstanpy - INFO - Chain [1] done processing
01:55:18 - cmdstanpy - INFO - Chain [1] start processing
01:55:18 - cmdstanpy - INFO - Chain [1] done processing
01:55:18 - cmdstanpy - INFO - Chain [1] start processing
01:55:18 - cmdstanpy - INFO - Chain [1] done processing
01:55:19 - cmdstanpy - INFO - Chain [1] start processing
01:55:19 - cmdstanpy - INFO - Chain [1] done processing
01:55:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:19 - cmdstanpy - INFO - Chain [1] start processing
01:55:19 - cmdstanpy - INFO - Chain [1] done processing
01:55:19 - cmdstanpy - INFO - Chain [1] start processing
01:55:19 - cmdstanpy - INFO - Chain [1] done processing
01:55:20 - cmdstanpy - INFO - Chain [1] start processing
01:55:20 - cmdstanpy - INFO - Chain [1] done processing
01:55:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:20 - cmdstanpy - INFO - Chain [1] start processing
01:55:20 - cmdstanpy - INFO - Chain [1] done processing
01:55:20 - cmdstanpy - INFO - Chain [1] start processing
01:55:20 - cmdstanpy - INFO - Chain [1] done processing
01:55:21 - cmdstanpy - INFO - Chain [1] start processing
01:55:21 - cmdstanpy - INFO - Chain [1] done processing
01:55:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:55:21 - cmdstanpy - INFO - Chain [1] start processing
01:55:21 - cmdstanpy - INFO - Chain [1] done processing
01:55:21 - cmdstanpy - INFO - Chain [1] start processing
01:55:21 - cmdstanpy - INFO - Chain [1] done processing
01:55:22 - cmdstanpy - INFO - Chain [1] start processing
01:55:22 - cmdstanpy - INFO - Chain [1] done processing
01:55:22 - cmdstanpy - INFO - Chain [1] start processing
01:55:22 - cmdstanpy - INFO - Chain [1] done processing
01:55:22 - cmdstanpy - INFO - Chain [1] start processing
01:55:22 - cmdstanpy - INFO - Chain [1] done processing
01:55:23 - cmdstanpy - INFO - Chain [1] start processing
01:55:23 - cmdstanpy - INFO - Chain [1] done processing
01:55:23 - cmdstanpy - INFO - Chain [1] start processing
01:55:23 - cmdstanpy - INFO - Chain [1] done processing
01:55:24 - cmdstanpy - INFO - Chain [1] start processing
01:55:24 - cmdstanpy - INFO - Chain [1] done processing
01:55:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:24 - cmdstanpy - INFO - Chain [1] start processing
01:55:24 - cmdstanpy - INFO - Chain [1] done processing
01:55:24 - cmdstanpy - INFO - Chain [1] start processing
01:55:24 - cmdstanpy - INFO - Chain [1] done processing
01:55:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:24 - cmdstanpy - INFO - Chain [1] start processing
01:55:24 - cmdstanpy - INFO - Chain [1] done processing
01:55:25 - cmdstanpy - INFO - Chain [1] start processing
01:55:25 - cmdstanpy - INFO - Chain [1] done processing
01:55:25 - cmdstanpy - INFO - Chain [1] start processing
01:55:25 - cmdstanpy - INFO - Chain [1] done processing
01:55:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:25 - cmdstanpy - INFO - Chain [1] start processing
01:55:25 - cmdstanpy - INFO - Chain [1] done processing
01:55:26 - cmdstanpy - INFO - Chain [1] start processing
01:55:26 - cmdstanpy - INFO - Chain [1] done processing
01:55:26 - cmdstanpy - INFO - Chain [1] start processing
01:55:26 - cmdstanpy - INFO - Chain [1] done processing
01:55:27 - cmdstanpy - INFO - Chain [1] start processing
01:55:27 - cmdstanpy - INFO - Chain [1] done processing
01:55:27 - cmdstanpy - INFO - Chain [1] start processing
01:55:27 - cmdstanpy - INFO - Chain [1] done processing
01:55:27 - cmdstanpy - INFO - Chain [1] start processing
01:55:27 - cmdstanpy - INFO - Chain [1] done processing
01:55:28 - cmdstanpy - INFO - Chain [1] start processing
01:55:28 - cmdstanpy - INFO - Chain [1] done processing
01:55:28 - cmdstanpy - INFO - Chain [1] start processing
01:55:28 - cmdstanpy - INFO - Chain [1] done processing
01:55:28 - cmdstanpy - INFO - Chain [1] start processing
01:55:29 - cmdstanpy - INFO - Chain [1] done processing
01:55:29 - cmdstanpy - INFO - Chain [1] start processing
01:55:29 - cmdstanpy - INFO - Chain [1] done processing
01:55:29 - cmdstanpy - INFO - Chain [1] start processing
01:55:29 - cmdstanpy - INFO - Chain [1] done processing
01:55:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:29 - cmdstanpy - INFO - Chain [1] start processing
01:55:30 - cmdstanpy - INFO - Chain [1] done processing
01:55:30 - cmdstanpy - INFO - Chain [1] start processing
01:55:30 - cmdstanpy - INFO - Chain [1] done processing
01:55:30 - cmdstanpy - INFO - Chain [1] start processing
01:55:30 - cmdstanpy - INFO - Chain [1] done processing
01:55:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:55:31 - cmdstanpy - INFO - Chain [1] done processing
01:55:31 - cmdstanpy - INFO - Chain [1] start processing
01:55:31 - cmdstanpy - INFO - Chain [1] done processing
01:55:31 - cmdstanpy - INFO - Chain [1] start processing
01:55:31 - cmdstanpy - INFO - Chain [1] done processing
01:55:32 - cmdstanpy - INFO - Chain [1] start processing
01:55:32 - cmdstanpy - INFO - Chain [1] done processing
01:55:32 - cmdstanpy - INFO - Chain [1] start processing
01:55:32 - cmdstanpy - INFO - Chain [1] done processing
01:55:32 - cmdstanpy - INFO - Chain [1] start processing
01:55:33 - cmdstanpy - INFO - Chain [1] done processing
01:55:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:33 - cmdstanpy - INFO - Chain [1] start processing
01:55:33 - cmdstanpy - INFO - Chain [1] done processing
01:55:33 - cmdstanpy - INFO - Chain [1] start processing
01:55:33 - cmdstanpy - INFO - Chain [1] done processing
01:55:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:33 - cmdstanpy - INFO - Chain [1] start processing
01:55:34 - cmdstanpy - INFO - Chain [1] done processing
01:55:34 - cmdstanpy - INFO - Chain [1] start processing
01:55:34 - cmdstanpy - INFO - Chain [1] done processing
01:55:34 - cmdstanpy - INFO - Chain [1] start processing
01:55:34 - cmdstanpy - INFO - Chain [1] done processing
01:55:35 - cmdstanpy - INFO - Chain [1] start processing
01:55:35 - cmdstanpy - INFO - Chain [1] done processing
01:55:35 - cmdstanpy - INFO - Chain [1] start processing
01:55:35 - cmdstanpy - INFO - Chain [1] done processing
01:55:36 - cmdstanpy - INFO - Chain [1] start processing
01:55:36 - cmdstanpy - INFO - Chain [1] done processing
01:55:36 - cmdstanpy - INFO - Chain [1] start processing
01:55:36 - cmdstanpy - INFO - Chain [1] done processing
01:55:36 - cmdstanpy - INFO - Chain [1] start processing
01:55:36 - cmdstanpy - INFO - Chain [1] done processing
01:55:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:36 - cmdstanpy - INFO - Chain [1] start processing
01:55:37 - cmdstanpy - INFO - Chain [1] done processing
01:55:37 - cmdstanpy - INFO - Chain [1] start processing
01:55:37 - cmdstanpy - INFO - Chain [1] done processing
01:55:37 - cmdstanpy - INFO - Chain [1] start processing
01:55:38 - cmdstanpy - INFO - Chain [1] done processing
01:55:38 - cmdstanpy - INFO - Chain [1] start processing
01:55:38 - cmdstanpy - INFO - Chain [1] done processing
01:55:38 - cmdstanpy - INFO - Chain [1] start processing
01:55:38 - cmdstanpy - INFO - Chain [1] done processing
01:55:39 - cmdstanpy - INFO - Chain [1] start processing
01:55:39 - cmdstanpy - INFO - Chain [1] done processing
01:55:39 - cmdstanpy - INFO - Chain [1] start processing
01:55:39 - cmdstanpy - INFO - Chain [1] done processing
01:55:39 - cmdstanpy - INFO - Chain [1] start processing
01:55:39 - cmdstanpy - INFO - Chain [1] done processing
01:55:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:39 - cmdstanpy - INFO - Chain [1] start processing
01:55:40 - cmdstanpy - INFO - Chain [1] done processing
01:55:40 - cmdstanpy - INFO - Chain [1] start processing
01:55:40 - cmdstanpy - INFO - Chain [1] done processing
01:55:40 - cmdstanpy - INFO - Chain [1] start processing
01:55:40 - cmdstanpy - INFO - Chain [1] done processing
01:55:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:40 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:55:41 - cmdstanpy - INFO - Chain [1] done processing
01:55:41 - cmdstanpy - INFO - Chain [1] start processing
01:55:41 - cmdstanpy - INFO - Chain [1] done processing
01:55:41 - cmdstanpy - INFO - Chain [1] start processing
01:55:42 - cmdstanpy - INFO - Chain [1] done processing
01:55:42 - cmdstanpy - INFO - Chain [1] start processing
01:55:42 - cmdstanpy - INFO - Chain [1] done processing
01:55:42 - cmdstanpy - INFO - Chain [1] start processing
01:55:42 - cmdstanpy - INFO - Chain [1] done processing
01:55:43 - cmdstanpy - INFO - Chain [1] start processing
01:55:43 - cmdstanpy - INFO - Chain [1] done processing
01:55:43 - cmdstanpy - INFO - Chain [1] start processing
01:55:43 - cmdstanpy - INFO - Chain [1] done processing
01:55:43 - cmdstanpy - INFO - Chain [1] start processing
01:55:43 - cmdstanpy - INFO - Chain [1] done processing
01:55:44 - cmdstanpy - INFO - Chain [1] start processing
01:55:44 - cmdstanpy - INFO - Chain [1] done processing
01:55:44 - cmdstanpy - INFO - Chain [1] start processing
01:55:44 - cmdstanpy - INFO - Chain [1] done processing
01:55:44 - cmdstanpy - INFO - Chain [1] start processing
01:55:45 - cmdstanpy - INFO - Chain [1] done processing
01:55:45 - cmdstanpy - INFO - Chain [1] start processing
01:55:45 - cmdstanpy - INFO - Chain [1] done processing
01:55:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:45 - cmdstanpy - INFO - Chain [1] start processing
01:55:45 - cmdstanpy - INFO - Chain [1] done processing
01:55:46 - cmdstanpy - INFO - Chain [1] start processing
01:55:46 - cmdstanpy - INFO - Chain [1] done processing
01:55:46 - cmdstanpy - INFO - Chain [1] start processing
01:55:46 - cmdstanpy - INFO - Chain [1] done processing
01:55:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:46 - cmdstanpy - INFO - Chain [1] start processing
01:55:46 - cmdstanpy - INFO - Chain [1] done processing
01:55:46 - cmdstanpy - INFO - Chain [1] start processing
01:55:47 - cmdstanpy - INFO - Chain [1] done processing
01:55:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:47 - cmdstanpy - INFO - Chain [1] start processing
01:55:47 - cmdstanpy - INFO - Chain [1] done processing
01:55:47 - cmdstanpy - INFO - Chain [1] start processing
01:55:47 - cmdstanpy - INFO - Chain [1] done processing
01:55:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:47 - cmdstanpy - INFO - Chain [1] start processing
01:55:48 - cmdstanpy - INFO - Chain [1] done processing
01:55:48 - cmdstanpy - INFO - Chain [1] start processing
01:55:48 - cmdstanpy - INFO - Chain [1] done processing
01:55:48 - cmdstanpy - INFO - Chain [1] start processing
01:55:48 - cmdstanpy - INFO - Chain [1] done processing
01:55:49 - cmdstanpy - INFO - Chain [1] start processing
01:55:49 - cmdstanpy - INFO - Chain [1] done processing
01:55:49 - cmdstanpy - INFO - Chain [1] start processing
01:55:49 - cmdstanpy - INFO - Chain [1] done processing
01:55:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:49 - cmdstanpy - INFO - Chain [1] start processing
01:55:49 - cmdstanpy - INFO - Chain [1] done processing
01:55:50 - cmdstanpy - INFO - Chain [1] start processing
01:55:50 - cmdstanpy - INFO - Chain [1] done processing
01:55:50 - cmdstanpy - INFO - Chain [1] start processing
01:55:50 - cmdstanpy - INFO - Chain [1] done processing
01:55:50 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:55:51 - cmdstanpy - INFO - Chain [1] done processing
01:55:51 - cmdstanpy - INFO - Chain [1] start processing
01:55:51 - cmdstanpy - INFO - Chain [1] done processing
01:55:51 - cmdstanpy - INFO - Chain [1] start processing
01:55:52 - cmdstanpy - INFO - Chain [1] done processing
01:55:52 - cmdstanpy - INFO - Chain [1] start processing
01:55:52 - cmdstanpy - INFO - Chain [1] done processing
01:55:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:52 - cmdstanpy - INFO - Chain [1] start processing
01:55:52 - cmdstanpy - INFO - Chain [1] done processing
01:55:53 - cmdstanpy - INFO - Chain [1] start processing
01:55:53 - cmdstanpy - INFO - Chain [1] done processing
01:55:53 - cmdstanpy - INFO - Chain [1] start processing
01:55:53 - cmdstanpy - INFO - Chain [1] done processing
01:55:53 - cmdstanpy - INFO - Chain [1] start processing
01:55:53 - cmdstanpy - INFO - Chain [1] done processing
01:55:54 - cmdstanpy - INFO - Chain [1] start processing
01:55:54 - cmdstanpy - INFO - Chain [1] done processing
01:55:54 - cmdstanpy - INFO - Chain [1] start processing
01:55:54 - cmdstanpy - INFO - Chain [1] done processing
01:55:54 - cmdstanpy - INFO - Chain [1] start processing
01:55:54 - cmdstanpy - INFO - Chain [1] done processing
01:55:55 - cmdstanpy - INFO - Chain [1] start processing
01:55:55 - cmdstanpy - INFO - Chain [1] done processing
01:55:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:55 - cmdstanpy - INFO - Chain [1] start processing
01:55:55 - cmdstanpy - INFO - Chain [1] done processing
01:55:55 - cmdstanpy - INFO - Chain [1] start processing
01:55:55 - cmdstanpy - INFO - Chain [1] done processing
01:55:56 - cmdstanpy - INFO - Chain [1] start processing
01:55:56 - cmdstanpy - INFO - Chain [1] done processing
01:55:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:56 - cmdstanpy - INFO - Chain [1] start processing
01:55:56 - cmdstanpy - INFO - Chain [1] done processing
01:55:56 - cmdstanpy - INFO - Chain [1] start processing
01:55:57 - cmdstanpy - INFO - Chain [1] done processing
01:55:57 - cmdstanpy - INFO - Chain [1] start processing
01:55:57 - cmdstanpy - INFO - Chain [1] done processing
01:55:57 - cmdstanpy - INFO - Chain [1] start processing
01:55:57 - cmdstanpy - INFO - Chain [1] done processing
01:55:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:57 - cmdstanpy - INFO - Chain [1] start processing
01:55:58 - cmdstanpy - INFO - Chain [1] done processing
01:55:58 - cmdstanpy - INFO - Chain [1] start processing
01:55:58 - cmdstanpy - INFO - Chain [1] done processing
01:55:58 - cmdstanpy - INFO - Chain [1] start processing
01:55:58 - cmdstanpy - INFO - Chain [1] done processing
01:55:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:55:58 - cmdstanpy - INFO - Chain [1] start processing
01:55:58 - cmdstanpy - INFO - Chain [1] done processing
01:55:59 - cmdstanpy - INFO - Chain [1] start processing
01:55:59 - cmdstanpy - INFO - Chain [1] done processing
01:55:59 - cmdstanpy - INFO - Chain [1] start processing
01:55:59 - cmdstanpy - INFO - Chain [1] done processing
01:56:00 - cmdstanpy - INFO - Chain [1] start processing
01:56:00 - cmdstanpy - INFO - Chain [1] done processing
01:56:00 - cmdstanpy - INFO - Chain [1] start processing
01:56:00 - cmdstanpy - INFO - Chain [1] done processing
01:56:00 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:56:01 - cmdstanpy - INFO - Chain [1] done processing
01:56:01 - cmdstanpy - INFO - Chain [1] start processing
01:56:01 - cmdstanpy - INFO - Chain [1] done processing
01:56:01 - cmdstanpy - INFO - Chain [1] start processing
01:56:01 - cmdstanpy - INFO - Chain [1] done processing
01:56:02 - cmdstanpy - INFO - Chain [1] start processing
01:56:02 - cmdstanpy - INFO - Chain [1] done processing
01:56:02 - cmdstanpy - INFO - Chain [1] start processing
01:56:03 - cmdstanpy - INFO - Chain [1] done processing
01:56:03 - cmdstanpy - INFO - Chain [1] start processing
01:56:03 - cmdstanpy - INFO - Chain [1] done processing
01:56:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:03 - cmdstanpy - INFO - Chain [1] start processing
01:56:03 - cmdstanpy - INFO - Chain [1] done processing
01:56:04 - cmdstanpy - INFO - Chain [1] start processing
01:56:04 - cmdstanpy - INFO - Chain [1] done processing
01:56:04 - cmdstanpy - INFO - Chain [1] start processing
01:56:04 - cmdstanpy - INFO - Chain [1] done processing
01:56:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:04 - cmdstanpy - INFO - Chain [1] start processing
01:56:04 - cmdstanpy - INFO - Chain [1] done processing
01:56:05 - cmdstanpy - INFO - Chain [1] start processing
01:56:05 - cmdstanpy - INFO - Chain [1] done processing
01:56:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:05 - cmdstanpy - INFO - Chain [1] start processing
01:56:05 - cmdstanpy - INFO - Chain [1] done processing
01:56:06 - cmdstanpy - INFO - Chain [1] start processing
01:56:06 - cmdstanpy - INFO - Chain [1] done processing
01:56:06 - cmdstanpy - INFO - Chain [1] start processing
01:56:06 - cmdstanpy - INFO - Chain [1] done processing
01:56:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:06 - cmdstanpy - INFO - Chain [1] start processing
01:56:07 - cmdstanpy - INFO - Chain [1] done processing
01:56:07 - cmdstanpy - INFO - Chain [1] start processing
01:56:07 - cmdstanpy - INFO - Chain [1] done processing
01:56:07 - cmdstanpy - INFO - Chain [1] start processing
01:56:07 - cmdstanpy - INFO - Chain [1] done processing
01:56:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:07 - cmdstanpy - INFO - Chain [1] start processing
01:56:08 - cmdstanpy - INFO - Chain [1] done processing
01:56:08 - cmdstanpy - INFO - Chain [1] start processing
01:56:08 - cmdstanpy - INFO - Chain [1] done processing
01:56:08 - cmdstanpy - INFO - Chain [1] start processing
01:56:08 - cmdstanpy - INFO - Chain [1] done processing
01:56:09 - cmdstanpy - INFO - Chain [1] start processing
01:56:09 - cmdstanpy - INFO - Chain [1] done processing
01:56:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:09 - cmdstanpy - INFO - Chain [1] start processing
01:56:09 - cmdstanpy - INFO - Chain [1] done processing
01:56:09 - cmdstanpy - INFO - Chain [1] start processing
01:56:09 - cmdstanpy - INFO - Chain [1] done processing
01:56:10 - cmdstanpy - INFO - Chain [1] start processing
01:56:10 - cmdstanpy - INFO - Chain [1] done processing
01:56:10 - cmdstanpy - INFO - Chain [1] start processing
01:56:10 - cmdstanpy - INFO - Chain [1] done processing
01:56:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:10 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:56:10 - cmdstanpy - INFO - Chain [1] done processing
01:56:11 - cmdstanpy - INFO - Chain [1] start processing
01:56:11 - cmdstanpy - INFO - Chain [1] done processing
01:56:11 - cmdstanpy - INFO - Chain [1] start processing
01:56:11 - cmdstanpy - INFO - Chain [1] done processing
01:56:12 - cmdstanpy - INFO - Chain [1] start processing
01:56:12 - cmdstanpy - INFO - Chain [1] done processing
01:56:12 - cmdstanpy - INFO - Chain [1] start processing
01:56:12 - cmdstanpy - INFO - Chain [1] done processing
01:56:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:12 - cmdstanpy - INFO - Chain [1] start processing
01:56:12 - cmdstanpy - INFO - Chain [1] done processing
01:56:13 - cmdstanpy - INFO - Chain [1] start processing
01:56:13 - cmdstanpy - INFO - Chain [1] done processing
01:56:13 - cmdstanpy - INFO - Chain [1] start processing
01:56:13 - cmdstanpy - INFO - Chain [1] done processing
01:56:13 - cmdstanpy - INFO - Chain [1] start processing
01:56:13 - cmdstanpy - INFO - Chain [1] done processing
01:56:14 - cmdstanpy - INFO - Chain [1] start processing
01:56:14 - cmdstanpy - INFO - Chain [1] done processing
01:56:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:14 - cmdstanpy - INFO - Chain [1] start processing
01:56:14 - cmdstanpy - INFO - Chain [1] done processing
01:56:14 - cmdstanpy - INFO - Chain [1] start processing
01:56:14 - cmdstanpy - INFO - Chain [1] done processing
01:56:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:14 - cmdstanpy - INFO - Chain [1] start processing
01:56:15 - cmdstanpy - INFO - Chain [1] done processing
01:56:15 - cmdstanpy - INFO - Chain [1] start processing
01:56:15 - cmdstanpy - INFO - Chain [1] done processing
01:56:15 - cmdstanpy - INFO - Chain [1] start processing
01:56:15 - cmdstanpy - INFO - Chain [1] done processing
01:56:16 - cmdstanpy - INFO - Chain [1] start processing
01:56:16 - cmdstanpy - INFO - Chain [1] done processing
01:56:16 - cmdstanpy - INFO - Chain [1] start processing
01:56:16 - cmdstanpy - INFO - Chain [1] done processing
01:56:16 - cmdstanpy - INFO - Chain [1] start processing
01:56:16 - cmdstanpy - INFO - Chain [1] done processing
01:56:17 - cmdstanpy - INFO - Chain [1] start processing
01:56:17 - cmdstanpy - INFO - Chain [1] done processing
01:56:17 - cmdstanpy - INFO - Chain [1] start processing
01:56:17 - cmdstanpy - INFO - Chain [1] done processing
01:56:17 - cmdstanpy - INFO - Chain [1] start processing
01:56:18 - cmdstanpy - INFO - Chain [1] done processing
01:56:18 - cmdstanpy - INFO - Chain [1] start processing
01:56:18 - cmdstanpy - INFO - Chain [1] done processing
01:56:18 - cmdstanpy - INFO - Chain [1] start processing
01:56:18 - cmdstanpy - INFO - Chain [1] done processing
01:56:19 - cmdstanpy - INFO - Chain [1] start processing
01:56:19 - cmdstanpy - INFO - Chain [1] done processing
01:56:19 - cmdstanpy - INFO - Chain [1] start processing
01:56:19 - cmdstanpy - INFO - Chain [1] done processing
01:56:19 - cmdstanpy - INFO - Chain [1] start processing
01:56:20 - cmdstanpy - INFO - Chain [1] done processing
01:56:20 - cmdstanpy - INFO - Chain [1] start processing
01:56:20 - cmdstanpy - INFO - Chain [1] done processing
01:56:20 - cmdstanpy - INFO - Chain [1] start processing
01:56:20 - cmdstanpy - INFO - Chain [1] done processing
01:56:21 - cmdstanpy - INFO - Chain [1] start processing
01:56:21 - cmdstanpy - INFO - Chain [1] done processing
01:56:21 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:56:21 - cmdstanpy - INFO - Chain [1] done processing
01:56:21 - cmdstanpy - INFO - Chain [1] start processing
01:56:21 - cmdstanpy - INFO - Chain [1] done processing
01:56:22 - cmdstanpy - INFO - Chain [1] start processing
01:56:22 - cmdstanpy - INFO - Chain [1] done processing
01:56:22 - cmdstanpy - INFO - Chain [1] start processing
01:56:22 - cmdstanpy - INFO - Chain [1] done processing
01:56:22 - cmdstanpy - INFO - Chain [1] start processing
01:56:23 - cmdstanpy - INFO - Chain [1] done processing
01:56:23 - cmdstanpy - INFO - Chain [1] start processing
01:56:23 - cmdstanpy - INFO - Chain [1] done processing
01:56:23 - cmdstanpy - INFO - Chain [1] start processing
01:56:23 - cmdstanpy - INFO - Chain [1] done processing
01:56:24 - cmdstanpy - INFO - Chain [1] start processing
01:56:24 - cmdstanpy - INFO - Chain [1] done processing
01:56:24 - cmdstanpy - INFO - Chain [1] start processing
01:56:24 - cmdstanpy - INFO - Chain [1] done processing
01:56:24 - cmdstanpy - INFO - Chain [1] start processing
01:56:24 - cmdstanpy - INFO - Chain [1] done processing
01:56:25 - cmdstanpy - INFO - Chain [1] start processing
01:56:25 - cmdstanpy - INFO - Chain [1] done processing
01:56:25 - cmdstanpy - INFO - Chain [1] start processing
01:56:25 - cmdstanpy - INFO - Chain [1] done processing
01:56:25 - cmdstanpy - INFO - Chain [1] start processing
01:56:25 - cmdstanpy - INFO - Chain [1] done processing
01:56:26 - cmdstanpy - INFO - Chain [1] start processing
01:56:26 - cmdstanpy - INFO - Chain [1] done processing
01:56:26 - cmdstanpy - INFO - Chain [1] start processing
01:56:26 - cmdstanpy - INFO - Chain [1] done processing
01:56:26 - cmdstanpy - INFO - Chain [1] start processing
01:56:27 - cmdstanpy - INFO - Chain [1] done processing
01:56:27 - cmdstanpy - INFO - Chain [1] start processing
01:56:27 - cmdstanpy - INFO - Chain [1] done processing
01:56:27 - cmdstanpy - INFO - Chain [1] start processing
01:56:27 - cmdstanpy - INFO - Chain [1] done processing
01:56:28 - cmdstanpy - INFO - Chain [1] start processing
01:56:28 - cmdstanpy - INFO - Chain [1] done processing
01:56:28 - cmdstanpy - INFO - Chain [1] start processing
01:56:28 - cmdstanpy - INFO - Chain [1] done processing
01:56:28 - cmdstanpy - INFO - Chain [1] start processing
01:56:28 - cmdstanpy - INFO - Chain [1] done processing
01:56:29 - cmdstanpy - INFO - Chain [1] start processing
01:56:29 - cmdstanpy - INFO - Chain [1] done processing
01:56:29 - cmdstanpy - INFO - Chain [1] start processing
01:56:29 - cmdstanpy - INFO - Chain [1] done processing
01:56:29 - cmdstanpy - INFO - Chain [1] start processing
01:56:30 - cmdstanpy - INFO - Chain [1] done processing
01:56:30 - cmdstanpy - INFO - Chain [1] start processing
01:56:30 - cmdstanpy - INFO - Chain [1] done processing
01:56:30 - cmdstanpy - INFO - Chain [1] start processing
01:56:30 - cmdstanpy - INFO - Chain [1] done processing
01:56:31 - cmdstanpy - INFO - Chain [1] start processing
01:56:31 - cmdstanpy - INFO - Chain [1] done processing
01:56:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:31 - cmdstanpy - INFO - Chain [1] start processing
01:56:31 - cmdstanpy - INFO - Chain [1] done processing
01:56:31 - cmdstanpy - INFO - Chain [1] start processing
01:56:31 - cmdstanpy - INFO - Chain [1] done processing
01:56:32 - cmdstanpy - INFO - Chain [1] start processing
01:56:32 - cmdstanpy - INFO - Chain [1] done processing
01:56:32 - cmdstanpy - INFO - Chain [1] start processing
01:56:32 - cmdstanpy - INFO - Chain [1] done processing
01:56:32 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:56:32 - cmdstanpy - INFO - Chain [1] done processing
01:56:33 - cmdstanpy - INFO - Chain [1] start processing
01:56:33 - cmdstanpy - INFO - Chain [1] done processing
01:56:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:33 - cmdstanpy - INFO - Chain [1] start processing
01:56:33 - cmdstanpy - INFO - Chain [1] done processing
01:56:33 - cmdstanpy - INFO - Chain [1] start processing
01:56:33 - cmdstanpy - INFO - Chain [1] done processing
01:56:34 - cmdstanpy - INFO - Chain [1] start processing
01:56:34 - cmdstanpy - INFO - Chain [1] done processing
01:56:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:34 - cmdstanpy - INFO - Chain [1] start processing
01:56:34 - cmdstanpy - INFO - Chain [1] done processing
01:56:34 - cmdstanpy - INFO - Chain [1] start processing
01:56:34 - cmdstanpy - INFO - Chain [1] done processing
01:56:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:34 - cmdstanpy - INFO - Chain [1] start processing
01:56:35 - cmdstanpy - INFO - Chain [1] done processing
01:56:35 - cmdstanpy - INFO - Chain [1] start processing
01:56:35 - cmdstanpy - INFO - Chain [1] done processing
01:56:35 - cmdstanpy - INFO - Chain [1] start processing
01:56:35 - cmdstanpy - INFO - Chain [1] done processing
01:56:36 - cmdstanpy - INFO - Chain [1] start processing
01:56:36 - cmdstanpy - INFO - Chain [1] done processing
01:56:36 - cmdstanpy - INFO - Chain [1] start processing
01:56:36 - cmdstanpy - INFO - Chain [1] done processing
01:56:37 - cmdstanpy - INFO - Chain [1] start processing
01:56:37 - cmdstanpy - INFO - Chain [1] done processing
01:56:37 - cmdstanpy - INFO - Chain [1] start processing
01:56:37 - cmdstanpy - INFO - Chain [1] done processing
01:56:37 - cmdstanpy - INFO - Chain [1] start processing
01:56:37 - cmdstanpy - INFO - Chain [1] done processing
01:56:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:37 - cmdstanpy - INFO - Chain [1] start processing
01:56:38 - cmdstanpy - INFO - Chain [1] done processing
01:56:38 - cmdstanpy - INFO - Chain [1] start processing
01:56:38 - cmdstanpy - INFO - Chain [1] done processing
01:56:38 - cmdstanpy - INFO - Chain [1] start processing
01:56:38 - cmdstanpy - INFO - Chain [1] done processing
01:56:39 - cmdstanpy - INFO - Chain [1] start processing
01:56:39 - cmdstanpy - INFO - Chain [1] done processing
01:56:39 - cmdstanpy - INFO - Chain [1] start processing
01:56:39 - cmdstanpy - INFO - Chain [1] done processing
01:56:40 - cmdstanpy - INFO - Chain [1] start processing
01:56:40 - cmdstanpy - INFO - Chain [1] done processing
01:56:40 - cmdstanpy - INFO - Chain [1] start processing
01:56:40 - cmdstanpy - INFO - Chain [1] done processing
01:56:40 - cmdstanpy - INFO - Chain [1] start processing
01:56:40 - cmdstanpy - INFO - Chain [1] done processing
01:56:41 - cmdstanpy - INFO - Chain [1] start processing
01:56:41 - cmdstanpy - INFO - Chain [1] done processing
01:56:41 - cmdstanpy - INFO - Chain [1] start processing
01:56:41 - cmdstanpy - INFO - Chain [1] done processing
01:56:41 - cmdstanpy - INFO - Chain [1] start processing
01:56:42 - cmdstanpy - INFO - Chain [1] done processing
01:56:42 - cmdstanpy - INFO - Chain [1] start processing
01:56:42 - cmdstanpy - INFO - Chain [1] done processing
01:56:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:42 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:56:42 - cmdstanpy - INFO - Chain [1] done processing
01:56:42 - cmdstanpy - INFO - Chain [1] start processing
01:56:43 - cmdstanpy - INFO - Chain [1] done processing
01:56:43 - cmdstanpy - INFO - Chain [1] start processing
01:56:43 - cmdstanpy - INFO - Chain [1] done processing
01:56:43 - cmdstanpy - INFO - Chain [1] start processing
01:56:43 - cmdstanpy - INFO - Chain [1] done processing
01:56:44 - cmdstanpy - INFO - Chain [1] start processing
01:56:44 - cmdstanpy - INFO - Chain [1] done processing
01:56:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:44 - cmdstanpy - INFO - Chain [1] start processing
01:56:44 - cmdstanpy - INFO - Chain [1] done processing
01:56:44 - cmdstanpy - INFO - Chain [1] start processing
01:56:44 - cmdstanpy - INFO - Chain [1] done processing
01:56:45 - cmdstanpy - INFO - Chain [1] start processing
01:56:45 - cmdstanpy - INFO - Chain [1] done processing
01:56:45 - cmdstanpy - INFO - Chain [1] start processing
01:56:45 - cmdstanpy - INFO - Chain [1] done processing
01:56:45 - cmdstanpy - INFO - Chain [1] start processing
01:56:45 - cmdstanpy - INFO - Chain [1] done processing
01:56:46 - cmdstanpy - INFO - Chain [1] start processing
01:56:46 - cmdstanpy - INFO - Chain [1] done processing
01:56:46 - cmdstanpy - INFO - Chain [1] start processing
01:56:46 - cmdstanpy - INFO - Chain [1] done processing
01:56:47 - cmdstanpy - INFO - Chain [1] start processing
01:56:47 - cmdstanpy - INFO - Chain [1] done processing
01:56:47 - cmdstanpy - INFO - Chain [1] start processing
01:56:47 - cmdstanpy - INFO - Chain [1] done processing
01:56:48 - cmdstanpy - INFO - Chain [1] start processing
01:56:48 - cmdstanpy - INFO - Chain [1] done processing
01:56:48 - cmdstanpy - INFO - Chain [1] start processing
01:56:48 - cmdstanpy - INFO - Chain [1] done processing
01:56:48 - cmdstanpy - INFO - Chain [1] start processing
01:56:48 - cmdstanpy - INFO - Chain [1] done processing
01:56:49 - cmdstanpy - INFO - Chain [1] start processing
01:56:49 - cmdstanpy - INFO - Chain [1] done processing
01:56:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:49 - cmdstanpy - INFO - Chain [1] start processing
01:56:49 - cmdstanpy - INFO - Chain [1] done processing
01:56:49 - cmdstanpy - INFO - Chain [1] start processing
01:56:49 - cmdstanpy - INFO - Chain [1] done processing
01:56:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:49 - cmdstanpy - INFO - Chain [1] start processing
01:56:50 - cmdstanpy - INFO - Chain [1] done processing
01:56:50 - cmdstanpy - INFO - Chain [1] start processing
01:56:50 - cmdstanpy - INFO - Chain [1] done processing
01:56:50 - cmdstanpy - INFO - Chain [1] start processing
01:56:50 - cmdstanpy - INFO - Chain [1] done processing
01:56:51 - cmdstanpy - INFO - Chain [1] start processing
01:56:51 - cmdstanpy - INFO - Chain [1] done processing
01:56:51 - cmdstanpy - INFO - Chain [1] start processing
01:56:51 - cmdstanpy - INFO - Chain [1] done processing
01:56:51 - cmdstanpy - INFO - Chain [1] start processing
01:56:51 - cmdstanpy - INFO - Chain [1] done processing
01:56:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:52 - cmdstanpy - INFO - Chain [1] start processing
01:56:52 - cmdstanpy - INFO - Chain [1] done processing
01:56:52 - cmdstanpy - INFO - Chain [1] start processing
01:56:52 - cmdstanpy - INFO - Chain [1] done processing
01:56:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:56:53 - cmdstanpy - INFO - Chain [1] done processing
01:56:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:53 - cmdstanpy - INFO - Chain [1] start processing
01:56:53 - cmdstanpy - INFO - Chain [1] done processing
01:56:53 - cmdstanpy - INFO - Chain [1] start processing
01:56:53 - cmdstanpy - INFO - Chain [1] done processing
01:56:54 - cmdstanpy - INFO - Chain [1] start processing
01:56:54 - cmdstanpy - INFO - Chain [1] done processing
01:56:54 - cmdstanpy - INFO - Chain [1] start processing
01:56:54 - cmdstanpy - INFO - Chain [1] done processing
01:56:54 - cmdstanpy - INFO - Chain [1] start processing
01:56:54 - cmdstanpy - INFO - Chain [1] done processing
01:56:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:54 - cmdstanpy - INFO - Chain [1] start processing
01:56:55 - cmdstanpy - INFO - Chain [1] done processing
01:56:55 - cmdstanpy - INFO - Chain [1] start processing
01:56:55 - cmdstanpy - INFO - Chain [1] done processing
01:56:55 - cmdstanpy - INFO - Chain [1] start processing
01:56:56 - cmdstanpy - INFO - Chain [1] done processing
01:56:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:56:56 - cmdstanpy - INFO - Chain [1] start processing
01:56:56 - cmdstanpy - INFO - Chain [1] done processing
01:56:56 - cmdstanpy - INFO - Chain [1] start processing
01:56:56 - cmdstanpy - INFO - Chain [1] done processing
01:56:56 - cmdstanpy - INFO - Chain [1] start processing
01:56:57 - cmdstanpy - INFO - Chain [1] done processing
01:56:57 - cmdstanpy - INFO - Chain [1] start processing
01:56:57 - cmdstanpy - INFO - Chain [1] done processing
01:56:57 - cmdstanpy - INFO - Chain [1] start processing
01:56:57 - cmdstanpy - INFO - Chain [1] done processing
01:56:58 - cmdstanpy - INFO - Chain [1] start processing
01:56:58 - cmdstanpy - INFO - Chain [1] done processing
01:56:58 - cmdstanpy - INFO - Chain [1] start processing
01:56:58 - cmdstanpy - INFO - Chain [1] done processing
01:56:58 - cmdstanpy - INFO - Chain [1] start processing
01:56:58 - cmdstanpy - INFO - Chain [1] done processing
01:56:59 - cmdstanpy - INFO - Chain [1] start processing
01:56:59 - cmdstanpy - INFO - Chain [1] done processing
01:56:59 - cmdstanpy - INFO - Chain [1] start processing
01:56:59 - cmdstanpy - INFO - Chain [1] done processing
01:56:59 - cmdstanpy - INFO - Chain [1] start processing
01:57:00 - cmdstanpy - INFO - Chain [1] done processing
01:57:00 - cmdstanpy - INFO - Chain [1] start processing
01:57:00 - cmdstanpy - INFO - Chain [1] done processing
01:57:00 - cmdstanpy - INFO - Chain [1] start processing
01:57:00 - cmdstanpy - INFO - Chain [1] done processing
01:57:01 - cmdstanpy - INFO - Chain [1] start processing
01:57:01 - cmdstanpy - INFO - Chain [1] done processing
01:57:01 - cmdstanpy - INFO - Chain [1] start processing
01:57:01 - cmdstanpy - INFO - Chain [1] done processing
01:57:01 - cmdstanpy - INFO - Chain [1] start processing
01:57:01 - cmdstanpy - INFO - Chain [1] done processing
01:57:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:01 - cmdstanpy - INFO - Chain [1] start processing
01:57:02 - cmdstanpy - INFO - Chain [1] done processing
01:57:02 - cmdstanpy - INFO - Chain [1] start processing
01:57:02 - cmdstanpy - INFO - Chain [1] done processing
01:57:03 - cmdstanpy - INFO - Chain [1] start processing
01:57:03 - cmdstanpy - INFO - Chain [1] done processing
01:57:03 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:57:03 - cmdstanpy - INFO - Chain [1] done processing
01:57:03 - cmdstanpy - INFO - Chain [1] start processing
01:57:03 - cmdstanpy - INFO - Chain [1] done processing
01:57:04 - cmdstanpy - INFO - Chain [1] start processing
01:57:04 - cmdstanpy - INFO - Chain [1] done processing
01:57:04 - cmdstanpy - INFO - Chain [1] start processing
01:57:04 - cmdstanpy - INFO - Chain [1] done processing
01:57:05 - cmdstanpy - INFO - Chain [1] start processing
01:57:05 - cmdstanpy - INFO - Chain [1] done processing
01:57:05 - cmdstanpy - INFO - Chain [1] start processing
01:57:05 - cmdstanpy - INFO - Chain [1] done processing
01:57:05 - cmdstanpy - INFO - Chain [1] start processing
01:57:05 - cmdstanpy - INFO - Chain [1] done processing
01:57:06 - cmdstanpy - INFO - Chain [1] start processing
01:57:06 - cmdstanpy - INFO - Chain [1] done processing
01:57:06 - cmdstanpy - INFO - Chain [1] start processing
01:57:06 - cmdstanpy - INFO - Chain [1] done processing
01:57:06 - cmdstanpy - INFO - Chain [1] start processing
01:57:07 - cmdstanpy - INFO - Chain [1] done processing
01:57:07 - cmdstanpy - INFO - Chain [1] start processing
01:57:07 - cmdstanpy - INFO - Chain [1] done processing
01:57:07 - cmdstanpy - INFO - Chain [1] start processing
01:57:07 - cmdstanpy - INFO - Chain [1] done processing
01:57:08 - cmdstanpy - INFO - Chain [1] start processing
01:57:08 - cmdstanpy - INFO - Chain [1] done processing
01:57:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:08 - cmdstanpy - INFO - Chain [1] start processing
01:57:08 - cmdstanpy - INFO - Chain [1] done processing
01:57:08 - cmdstanpy - INFO - Chain [1] start processing
01:57:08 - cmdstanpy - INFO - Chain [1] done processing
01:57:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:08 - cmdstanpy - INFO - Chain [1] start processing
01:57:09 - cmdstanpy - INFO - Chain [1] done processing
01:57:09 - cmdstanpy - INFO - Chain [1] start processing
01:57:09 - cmdstanpy - INFO - Chain [1] done processing
01:57:09 - cmdstanpy - INFO - Chain [1] start processing
01:57:09 - cmdstanpy - INFO - Chain [1] done processing
01:57:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:09 - cmdstanpy - INFO - Chain [1] start processing
01:57:09 - cmdstanpy - INFO - Chain [1] done processing
01:57:10 - cmdstanpy - INFO - Chain [1] start processing
01:57:10 - cmdstanpy - INFO - Chain [1] done processing
01:57:10 - cmdstanpy - INFO - Chain [1] start processing
01:57:10 - cmdstanpy - INFO - Chain [1] done processing
01:57:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:10 - cmdstanpy - INFO - Chain [1] start processing
01:57:10 - cmdstanpy - INFO - Chain [1] done processing
01:57:11 - cmdstanpy - INFO - Chain [1] start processing
01:57:11 - cmdstanpy - INFO - Chain [1] done processing
01:57:11 - cmdstanpy - INFO - Chain [1] start processing
01:57:11 - cmdstanpy - INFO - Chain [1] done processing
01:57:11 - cmdstanpy - INFO - Chain [1] start processing
01:57:12 - cmdstanpy - INFO - Chain [1] done processing
01:57:12 - cmdstanpy - INFO - Chain [1] start processing
01:57:12 - cmdstanpy - INFO - Chain [1] done processing
01:57:12 - cmdstanpy - INFO - Chain [1] start processing
01:57:12 - cmdstanpy - INFO - Chain [1] done processing
01:57:13 - cmdstanpy - INFO - Chain [1] start processing
01:57:13 - cmdstanpy - INFO - Chain [1] done processing
01:57:13 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:57:13 - cmdstanpy - INFO - Chain [1] done processing
01:57:13 - cmdstanpy - INFO - Chain [1] start processing
01:57:13 - cmdstanpy - INFO - Chain [1] done processing
01:57:14 - cmdstanpy - INFO - Chain [1] start processing
01:57:14 - cmdstanpy - INFO - Chain [1] done processing
01:57:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:14 - cmdstanpy - INFO - Chain [1] start processing
01:57:14 - cmdstanpy - INFO - Chain [1] done processing
01:57:14 - cmdstanpy - INFO - Chain [1] start processing
01:57:14 - cmdstanpy - INFO - Chain [1] done processing
01:57:15 - cmdstanpy - INFO - Chain [1] start processing
01:57:15 - cmdstanpy - INFO - Chain [1] done processing
01:57:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:15 - cmdstanpy - INFO - Chain [1] start processing
01:57:15 - cmdstanpy - INFO - Chain [1] done processing
01:57:15 - cmdstanpy - INFO - Chain [1] start processing
01:57:15 - cmdstanpy - INFO - Chain [1] done processing
01:57:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:15 - cmdstanpy - INFO - Chain [1] start processing
01:57:16 - cmdstanpy - INFO - Chain [1] done processing
01:57:16 - cmdstanpy - INFO - Chain [1] start processing
01:57:16 - cmdstanpy - INFO - Chain [1] done processing
01:57:16 - cmdstanpy - INFO - Chain [1] start processing
01:57:16 - cmdstanpy - INFO - Chain [1] done processing
01:57:16 - cmdstanpy - INFO - Chain [1] start processing
01:57:17 - cmdstanpy - INFO - Chain [1] done processing
01:57:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:17 - cmdstanpy - INFO - Chain [1] start processing
01:57:17 - cmdstanpy - INFO - Chain [1] done processing
01:57:17 - cmdstanpy - INFO - Chain [1] start processing
01:57:17 - cmdstanpy - INFO - Chain [1] done processing
01:57:18 - cmdstanpy - INFO - Chain [1] start processing
01:57:18 - cmdstanpy - INFO - Chain [1] done processing
01:57:18 - cmdstanpy - INFO - Chain [1] start processing
01:57:18 - cmdstanpy - INFO - Chain [1] done processing
01:57:18 - cmdstanpy - INFO - Chain [1] start processing
01:57:18 - cmdstanpy - INFO - Chain [1] done processing
01:57:19 - cmdstanpy - INFO - Chain [1] start processing
01:57:19 - cmdstanpy - INFO - Chain [1] done processing
01:57:19 - cmdstanpy - INFO - Chain [1] start processing
01:57:19 - cmdstanpy - INFO - Chain [1] done processing
01:57:19 - cmdstanpy - INFO - Chain [1] start processing
01:57:20 - cmdstanpy - INFO - Chain [1] done processing
01:57:20 - cmdstanpy - INFO - Chain [1] start processing
01:57:20 - cmdstanpy - INFO - Chain [1] done processing
01:57:20 - cmdstanpy - INFO - Chain [1] start processing
01:57:20 - cmdstanpy - INFO - Chain [1] done processing
01:57:21 - cmdstanpy - INFO - Chain [1] start processing
01:57:21 - cmdstanpy - INFO - Chain [1] done processing
01:57:21 - cmdstanpy - INFO - Chain [1] start processing
01:57:21 - cmdstanpy - INFO - Chain [1] done processing
01:57:21 - cmdstanpy - INFO - Chain [1] start processing
01:57:22 - cmdstanpy - INFO - Chain [1] done processing
01:57:22 - cmdstanpy - INFO - Chain [1] start processing
01:57:22 - cmdstanpy - INFO - Chain [1] done processing
01:57:22 - cmdstanpy - INFO - Chain [1] start processing
01:57:22 - cmdstanpy - INFO - Chain [1] done processing
01:57:23 - cmdstanpy - INFO - Chain [1] start processing
01:57:23 - cmdstanpy - INFO - Chain [1] done processing
01:57:23 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:57:23 - cmdstanpy - INFO - Chain [1] done processing
01:57:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:23 - cmdstanpy - INFO - Chain [1] start processing
01:57:23 - cmdstanpy - INFO - Chain [1] done processing
01:57:23 - cmdstanpy - INFO - Chain [1] start processing
01:57:23 - cmdstanpy - INFO - Chain [1] done processing
01:57:24 - cmdstanpy - INFO - Chain [1] start processing
01:57:24 - cmdstanpy - INFO - Chain [1] done processing
01:57:24 - cmdstanpy - INFO - Chain [1] start processing
01:57:24 - cmdstanpy - INFO - Chain [1] done processing
01:57:25 - cmdstanpy - INFO - Chain [1] start processing
01:57:25 - cmdstanpy - INFO - Chain [1] done processing
01:57:25 - cmdstanpy - INFO - Chain [1] start processing
01:57:25 - cmdstanpy - INFO - Chain [1] done processing
01:57:25 - cmdstanpy - INFO - Chain [1] start processing
01:57:25 - cmdstanpy - INFO - Chain [1] done processing
01:57:26 - cmdstanpy - INFO - Chain [1] start processing
01:57:26 - cmdstanpy - INFO - Chain [1] done processing
01:57:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:26 - cmdstanpy - INFO - Chain [1] start processing
01:57:26 - cmdstanpy - INFO - Chain [1] done processing
01:57:26 - cmdstanpy - INFO - Chain [1] start processing
01:57:26 - cmdstanpy - INFO - Chain [1] done processing
01:57:27 - cmdstanpy - INFO - Chain [1] start processing
01:57:27 - cmdstanpy - INFO - Chain [1] done processing
01:57:27 - cmdstanpy - INFO - Chain [1] start processing
01:57:27 - cmdstanpy - INFO - Chain [1] done processing
01:57:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:27 - cmdstanpy - INFO - Chain [1] start processing
01:57:28 - cmdstanpy - INFO - Chain [1] done processing
01:57:28 - cmdstanpy - INFO - Chain [1] start processing
01:57:28 - cmdstanpy - INFO - Chain [1] done processing
01:57:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:28 - cmdstanpy - INFO - Chain [1] start processing
01:57:28 - cmdstanpy - INFO - Chain [1] done processing
01:57:28 - cmdstanpy - INFO - Chain [1] start processing
01:57:29 - cmdstanpy - INFO - Chain [1] done processing
01:57:29 - cmdstanpy - INFO - Chain [1] start processing
01:57:29 - cmdstanpy - INFO - Chain [1] done processing
01:57:29 - cmdstanpy - INFO - Chain [1] start processing
01:57:30 - cmdstanpy - INFO - Chain [1] done processing
01:57:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:30 - cmdstanpy - INFO - Chain [1] start processing
01:57:30 - cmdstanpy - INFO - Chain [1] done processing
01:57:30 - cmdstanpy - INFO - Chain [1] start processing
01:57:30 - cmdstanpy - INFO - Chain [1] done processing
01:57:30 - cmdstanpy - INFO - Chain [1] start processing
01:57:30 - cmdstanpy - INFO - Chain [1] done processing
01:57:31 - cmdstanpy - INFO - Chain [1] start processing
01:57:31 - cmdstanpy - INFO - Chain [1] done processing
01:57:31 - cmdstanpy - INFO - Chain [1] start processing
01:57:31 - cmdstanpy - INFO - Chain [1] done processing
01:57:31 - cmdstanpy - INFO - Chain [1] start processing
01:57:32 - cmdstanpy - INFO - Chain [1] done processing
01:57:32 - cmdstanpy - INFO - Chain [1] start processing
01:57:32 - cmdstanpy - INFO - Chain [1] done processing
01:57:32 - cmdstanpy - INFO - Chain [1] start processing
01:57:32 - cmdstanpy - INFO - Chain [1] done processing
01:57:33 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:57:33 - cmdstanpy - INFO - Chain [1] done processing
01:57:33 - cmdstanpy - INFO - Chain [1] start processing
01:57:33 - cmdstanpy - INFO - Chain [1] done processing
01:57:33 - cmdstanpy - INFO - Chain [1] start processing
01:57:34 - cmdstanpy - INFO - Chain [1] done processing
01:57:34 - cmdstanpy - INFO - Chain [1] start processing
01:57:34 - cmdstanpy - INFO - Chain [1] done processing
01:57:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:34 - cmdstanpy - INFO - Chain [1] start processing
01:57:34 - cmdstanpy - INFO - Chain [1] done processing
01:57:34 - cmdstanpy - INFO - Chain [1] start processing
01:57:34 - cmdstanpy - INFO - Chain [1] done processing
01:57:35 - cmdstanpy - INFO - Chain [1] start processing
01:57:35 - cmdstanpy - INFO - Chain [1] done processing
01:57:35 - cmdstanpy - INFO - Chain [1] start processing
01:57:35 - cmdstanpy - INFO - Chain [1] done processing
01:57:36 - cmdstanpy - INFO - Chain [1] start processing
01:57:36 - cmdstanpy - INFO - Chain [1] done processing
01:57:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:36 - cmdstanpy - INFO - Chain [1] start processing
01:57:36 - cmdstanpy - INFO - Chain [1] done processing
01:57:36 - cmdstanpy - INFO - Chain [1] start processing
01:57:36 - cmdstanpy - INFO - Chain [1] done processing
01:57:37 - cmdstanpy - INFO - Chain [1] start processing
01:57:37 - cmdstanpy - INFO - Chain [1] done processing
01:57:37 - cmdstanpy - INFO - Chain [1] start processing
01:57:37 - cmdstanpy - INFO - Chain [1] done processing
01:57:37 - cmdstanpy - INFO - Chain [1] start processing
01:57:37 - cmdstanpy - INFO - Chain [1] done processing
01:57:38 - cmdstanpy - INFO - Chain [1] start processing
01:57:38 - cmdstanpy - INFO - Chain [1] done processing
01:57:38 - cmdstanpy - INFO - Chain [1] start processing
01:57:38 - cmdstanpy - INFO - Chain [1] done processing
01:57:38 - cmdstanpy - INFO - Chain [1] start processing
01:57:39 - cmdstanpy - INFO - Chain [1] done processing
01:57:39 - cmdstanpy - INFO - Chain [1] start processing
01:57:39 - cmdstanpy - INFO - Chain [1] done processing
01:57:39 - cmdstanpy - INFO - Chain [1] start processing
01:57:39 - cmdstanpy - INFO - Chain [1] done processing
01:57:40 - cmdstanpy - INFO - Chain [1] start processing
01:57:40 - cmdstanpy - INFO - Chain [1] done processing
01:57:40 - cmdstanpy - INFO - Chain [1] start processing
01:57:40 - cmdstanpy - INFO - Chain [1] done processing
01:57:40 - cmdstanpy - INFO - Chain [1] start processing
01:57:41 - cmdstanpy - INFO - Chain [1] done processing
01:57:41 - cmdstanpy - INFO - Chain [1] start processing
01:57:41 - cmdstanpy - INFO - Chain [1] done processing
01:57:41 - cmdstanpy - INFO - Chain [1] start processing
01:57:42 - cmdstanpy - INFO - Chain [1] done processing
01:57:42 - cmdstanpy - INFO - Chain [1] start processing
01:57:42 - cmdstanpy - INFO - Chain [1] done processing
01:57:43 - cmdstanpy - INFO - Chain [1] start processing
01:57:43 - cmdstanpy - INFO - Chain [1] done processing
01:57:43 - cmdstanpy - INFO - Chain [1] start processing
01:57:43 - cmdstanpy - INFO - Chain [1] done processing
01:57:44 - cmdstanpy - INFO - Chain [1] start processing
01:57:44 - cmdstanpy - INFO - Chain [1] done processing
01:57:44 - cmdstanpy - INFO - Chain [1] start processing
01:57:44 - cmdstanpy - INFO - Chain [1] done processing
01:57:44 - cmdstanpy - INFO - Chain [1] start processing
01:57:44 - cmdstanpy - INFO - Chain [1] done processing
01:57:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:57:44 - cmdstanpy - INFO - Chain [1] start processing
01:57:45 - cmdstanpy - INFO - Chain [1] done processing
01:57:45 - cmdstanpy - INFO - Chain [1] start processing
01:57:45 - cmdstanpy - INFO - Chain [1] done processing
01:57:45 - cmdstanpy - INFO - Chain [1] start processing
01:57:45 - cmdstanpy - INFO - Chain [1] done processing
01:57:46 - cmdstanpy - INFO - Chain [1] start processing
01:57:46 - cmdstanpy - INFO - Chain [1] done processing
01:57:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:46 - cmdstanpy - INFO - Chain [1] start processing
01:57:46 - cmdstanpy - INFO - Chain [1] done processing
01:57:46 - cmdstanpy - INFO - Chain [1] start processing
01:57:47 - cmdstanpy - INFO - Chain [1] done processing
01:57:47 - cmdstanpy - INFO - Chain [1] start processing
01:57:47 - cmdstanpy - INFO - Chain [1] done processing
01:57:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:47 - cmdstanpy - INFO - Chain [1] start processing
01:57:47 - cmdstanpy - INFO - Chain [1] done processing
01:57:47 - cmdstanpy - INFO - Chain [1] start processing
01:57:47 - cmdstanpy - INFO - Chain [1] done processing
01:57:48 - cmdstanpy - INFO - Chain [1] start processing
01:57:48 - cmdstanpy - INFO - Chain [1] done processing
01:57:48 - cmdstanpy - INFO - Chain [1] start processing
01:57:48 - cmdstanpy - INFO - Chain [1] done processing
01:57:49 - cmdstanpy - INFO - Chain [1] start processing
01:57:49 - cmdstanpy - INFO - Chain [1] done processing
01:57:49 - cmdstanpy - INFO - Chain [1] start processing
01:57:49 - cmdstanpy - INFO - Chain [1] done processing
01:57:49 - cmdstanpy - INFO - Chain [1] start processing
01:57:49 - cmdstanpy - INFO - Chain [1] done processing
01:57:50 - cmdstanpy - INFO - Chain [1] start processing
01:57:50 - cmdstanpy - INFO - Chain [1] done processing
01:57:50 - cmdstanpy - INFO - Chain [1] start processing
01:57:50 - cmdstanpy - INFO - Chain [1] done processing
01:57:50 - cmdstanpy - INFO - Chain [1] start processing
01:57:51 - cmdstanpy - INFO - Chain [1] done processing
01:57:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:51 - cmdstanpy - INFO - Chain [1] start processing
01:57:51 - cmdstanpy - INFO - Chain [1] done processing
01:57:51 - cmdstanpy - INFO - Chain [1] start processing
01:57:51 - cmdstanpy - INFO - Chain [1] done processing
01:57:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:51 - cmdstanpy - INFO - Chain [1] start processing
01:57:52 - cmdstanpy - INFO - Chain [1] done processing
01:57:52 - cmdstanpy - INFO - Chain [1] start processing
01:57:52 - cmdstanpy - INFO - Chain [1] done processing
01:57:52 - cmdstanpy - INFO - Chain [1] start processing
01:57:52 - cmdstanpy - INFO - Chain [1] done processing
01:57:53 - cmdstanpy - INFO - Chain [1] start processing
01:57:53 - cmdstanpy - INFO - Chain [1] done processing
01:57:53 - cmdstanpy - INFO - Chain [1] start processing
01:57:53 - cmdstanpy - INFO - Chain [1] done processing
01:57:53 - cmdstanpy - INFO - Chain [1] start processing
01:57:54 - cmdstanpy - INFO - Chain [1] done processing
01:57:54 - cmdstanpy - INFO - Chain [1] start processing
01:57:54 - cmdstanpy - INFO - Chain [1] done processing
01:57:54 - cmdstanpy - INFO - Chain [1] start processing
01:57:54 - cmdstanpy - INFO - Chain [1] done processing
01:57:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:57:54 - cmdstanpy - INFO - Chain [1] start processing
01:57:54 - cmdstanpy - INFO - Chain [1] done processing
01:57:55 - cmdstanpy - INFO - Chain [1] start processing
01:57:55 - cmdstanpy - INFO - Chain [1] done processing
01:57:55 - cmdstanpy - INFO - Chain [1] start processing
01:57:55 - cmdstanpy - INFO - Chain [1] done processing
01:57:56 - cmdstanpy - INFO - Chain [1] start processing
01:57:56 - cmdstanpy - INFO - Chain [1] done processing
01:57:56 - cmdstanpy - INFO - Chain [1] start processing
01:57:56 - cmdstanpy - INFO - Chain [1] done processing
01:57:56 - cmdstanpy - INFO - Chain [1] start processing
01:57:56 - cmdstanpy - INFO - Chain [1] done processing
01:57:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:56 - cmdstanpy - INFO - Chain [1] start processing
01:57:57 - cmdstanpy - INFO - Chain [1] done processing
01:57:57 - cmdstanpy - INFO - Chain [1] start processing
01:57:57 - cmdstanpy - INFO - Chain [1] done processing
01:57:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:57 - cmdstanpy - INFO - Chain [1] start processing
01:57:58 - cmdstanpy - INFO - Chain [1] done processing
01:57:58 - cmdstanpy - INFO - Chain [1] start processing
01:57:58 - cmdstanpy - INFO - Chain [1] done processing
01:57:58 - cmdstanpy - INFO - Chain [1] start processing
01:57:58 - cmdstanpy - INFO - Chain [1] done processing
01:57:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:57:58 - cmdstanpy - INFO - Chain [1] start processing
01:57:59 - cmdstanpy - INFO - Chain [1] done processing
01:57:59 - cmdstanpy - INFO - Chain [1] start processing
01:57:59 - cmdstanpy - INFO - Chain [1] done processing
01:57:59 - cmdstanpy - INFO - Chain [1] start processing
01:57:59 - cmdstanpy - INFO - Chain [1] done processing
01:58:00 - cmdstanpy - INFO - Chain [1] start processing
01:58:00 - cmdstanpy - INFO - Chain [1] done processing
01:58:00 - cmdstanpy - INFO - Chain [1] start processing
01:58:00 - cmdstanpy - INFO - Chain [1] done processing
01:58:00 - cmdstanpy - INFO - Chain [1] start processing
01:58:00 - cmdstanpy - INFO - Chain [1] done processing
01:58:01 - cmdstanpy - INFO - Chain [1] start processing
01:58:01 - cmdstanpy - INFO - Chain [1] done processing
01:58:01 - cmdstanpy - INFO - Chain [1] start processing
01:58:01 - cmdstanpy - INFO - Chain [1] done processing
01:58:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:01 - cmdstanpy - INFO - Chain [1] start processing
01:58:01 - cmdstanpy - INFO - Chain [1] done processing
01:58:02 - cmdstanpy - INFO - Chain [1] start processing
01:58:02 - cmdstanpy - INFO - Chain [1] done processing
01:58:02 - cmdstanpy - INFO - Chain [1] start processing
01:58:02 - cmdstanpy - INFO - Chain [1] done processing
01:58:02 - cmdstanpy - INFO - Chain [1] start processing
01:58:03 - cmdstanpy - INFO - Chain [1] done processing
01:58:03 - cmdstanpy - INFO - Chain [1] start processing
01:58:03 - cmdstanpy - INFO - Chain [1] done processing
01:58:03 - cmdstanpy - INFO - Chain [1] start processing
01:58:03 - cmdstanpy - INFO - Chain [1] done processing
01:58:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:03 - cmdstanpy - INFO - Chain [1] start processing
01:58:04 - cmdstanpy - INFO - Chain [1] done processing
01:58:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:58:04 - cmdstanpy - INFO - Chain [1] done processing
01:58:04 - cmdstanpy - INFO - Chain [1] start processing
01:58:04 - cmdstanpy - INFO - Chain [1] done processing
01:58:05 - cmdstanpy - INFO - Chain [1] start processing
01:58:05 - cmdstanpy - INFO - Chain [1] done processing
01:58:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:05 - cmdstanpy - INFO - Chain [1] start processing
01:58:05 - cmdstanpy - INFO - Chain [1] done processing
01:58:05 - cmdstanpy - INFO - Chain [1] start processing
01:58:06 - cmdstanpy - INFO - Chain [1] done processing
01:58:06 - cmdstanpy - INFO - Chain [1] start processing
01:58:06 - cmdstanpy - INFO - Chain [1] done processing
01:58:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:06 - cmdstanpy - INFO - Chain [1] start processing
01:58:06 - cmdstanpy - INFO - Chain [1] done processing
01:58:07 - cmdstanpy - INFO - Chain [1] start processing
01:58:07 - cmdstanpy - INFO - Chain [1] done processing
01:58:07 - cmdstanpy - INFO - Chain [1] start processing
01:58:07 - cmdstanpy - INFO - Chain [1] done processing
01:58:07 - cmdstanpy - INFO - Chain [1] start processing
01:58:07 - cmdstanpy - INFO - Chain [1] done processing
01:58:08 - cmdstanpy - INFO - Chain [1] start processing
01:58:08 - cmdstanpy - INFO - Chain [1] done processing
01:58:08 - cmdstanpy - INFO - Chain [1] start processing
01:58:08 - cmdstanpy - INFO - Chain [1] done processing
01:58:08 - cmdstanpy - INFO - Chain [1] start processing
01:58:09 - cmdstanpy - INFO - Chain [1] done processing
01:58:09 - cmdstanpy - INFO - Chain [1] start processing
01:58:09 - cmdstanpy - INFO - Chain [1] done processing
01:58:09 - cmdstanpy - INFO - Chain [1] start processing
01:58:09 - cmdstanpy - INFO - Chain [1] done processing
01:58:10 - cmdstanpy - INFO - Chain [1] start processing
01:58:10 - cmdstanpy - INFO - Chain [1] done processing
01:58:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:10 - cmdstanpy - INFO - Chain [1] start processing
01:58:10 - cmdstanpy - INFO - Chain [1] done processing
01:58:10 - cmdstanpy - INFO - Chain [1] start processing
01:58:10 - cmdstanpy - INFO - Chain [1] done processing
01:58:11 - cmdstanpy - INFO - Chain [1] start processing
01:58:11 - cmdstanpy - INFO - Chain [1] done processing
01:58:11 - cmdstanpy - INFO - Chain [1] start processing
01:58:11 - cmdstanpy - INFO - Chain [1] done processing
01:58:11 - cmdstanpy - INFO - Chain [1] start processing
01:58:11 - cmdstanpy - INFO - Chain [1] done processing
01:58:12 - cmdstanpy - INFO - Chain [1] start processing
01:58:12 - cmdstanpy - INFO - Chain [1] done processing
01:58:12 - cmdstanpy - INFO - Chain [1] start processing
01:58:12 - cmdstanpy - INFO - Chain [1] done processing
01:58:12 - cmdstanpy - INFO - Chain [1] start processing
01:58:13 - cmdstanpy - INFO - Chain [1] done processing
01:58:13 - cmdstanpy - INFO - Chain [1] start processing
01:58:13 - cmdstanpy - INFO - Chain [1] done processing
01:58:13 - cmdstanpy - INFO - Chain [1] start processing
01:58:13 - cmdstanpy - INFO - Chain [1] done processing
01:58:14 - cmdstanpy - INFO - Chain [1] start processing
01:58:14 - cmdstanpy - INFO - Chain [1] done processing
01:58:14 - cmdstanpy - INFO - Chain [1] start processing
01:58:14 - cmdstanpy - INFO - Chain [1] done processing
01:58:14 - cmdstanpy - INFO - Chain [1] start processing
01:58:14 - cmdstanpy - INFO - Chain [1] done processing
01:58:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:58:15 - cmdstanpy - INFO - Chain [1] done processing
01:58:15 - cmdstanpy - INFO - Chain [1] start processing
01:58:15 - cmdstanpy - INFO - Chain [1] done processing
01:58:15 - cmdstanpy - INFO - Chain [1] start processing
01:58:16 - cmdstanpy - INFO - Chain [1] done processing
01:58:16 - cmdstanpy - INFO - Chain [1] start processing
01:58:16 - cmdstanpy - INFO - Chain [1] done processing
01:58:16 - cmdstanpy - INFO - Chain [1] start processing
01:58:16 - cmdstanpy - INFO - Chain [1] done processing
01:58:17 - cmdstanpy - INFO - Chain [1] start processing
01:58:17 - cmdstanpy - INFO - Chain [1] done processing
01:58:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:17 - cmdstanpy - INFO - Chain [1] start processing
01:58:17 - cmdstanpy - INFO - Chain [1] done processing
01:58:17 - cmdstanpy - INFO - Chain [1] start processing
01:58:17 - cmdstanpy - INFO - Chain [1] done processing
01:58:17 - cmdstanpy - INFO - Chain [1] start processing
01:58:17 - cmdstanpy - INFO - Chain [1] done processing
01:58:18 - cmdstanpy - INFO - Chain [1] start processing
01:58:18 - cmdstanpy - INFO - Chain [1] done processing
01:58:18 - cmdstanpy - INFO - Chain [1] start processing
01:58:18 - cmdstanpy - INFO - Chain [1] done processing
01:58:19 - cmdstanpy - INFO - Chain [1] start processing
01:58:19 - cmdstanpy - INFO - Chain [1] done processing
01:58:19 - cmdstanpy - INFO - Chain [1] start processing
01:58:19 - cmdstanpy - INFO - Chain [1] done processing
01:58:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:19 - cmdstanpy - INFO - Chain [1] start processing
01:58:19 - cmdstanpy - INFO - Chain [1] done processing
01:58:20 - cmdstanpy - INFO - Chain [1] start processing
01:58:20 - cmdstanpy - INFO - Chain [1] done processing
01:58:20 - cmdstanpy - INFO - Chain [1] start processing
01:58:20 - cmdstanpy - INFO - Chain [1] done processing
01:58:20 - cmdstanpy - INFO - Chain [1] start processing
01:58:20 - cmdstanpy - INFO - Chain [1] done processing
01:58:21 - cmdstanpy - INFO - Chain [1] start processing
01:58:21 - cmdstanpy - INFO - Chain [1] done processing
01:58:21 - cmdstanpy - INFO - Chain [1] start processing
01:58:21 - cmdstanpy - INFO - Chain [1] done processing
01:58:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:21 - cmdstanpy - INFO - Chain [1] start processing
01:58:21 - cmdstanpy - INFO - Chain [1] done processing
01:58:22 - cmdstanpy - INFO - Chain [1] start processing
01:58:22 - cmdstanpy - INFO - Chain [1] done processing
01:58:22 - cmdstanpy - INFO - Chain [1] start processing
01:58:22 - cmdstanpy - INFO - Chain [1] done processing
01:58:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:22 - cmdstanpy - INFO - Chain [1] start processing
01:58:22 - cmdstanpy - INFO - Chain [1] done processing
01:58:23 - cmdstanpy - INFO - Chain [1] start processing
01:58:23 - cmdstanpy - INFO - Chain [1] done processing
01:58:23 - cmdstanpy - INFO - Chain [1] start processing
01:58:23 - cmdstanpy - INFO - Chain [1] done processing
01:58:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:23 - cmdstanpy - INFO - Chain [1] start processing
01:58:23 - cmdstanpy - INFO - Chain [1] done processing
01:58:24 - cmdstanpy - INFO - Chain [1] start processing
01:58:24 - cmdstanpy - INFO - Chain [1] done processing
01:58:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:58:24 - cmdstanpy - INFO - Chain [1] start processing
01:58:24 - cmdstanpy - INFO - Chain [1] done processing
01:58:24 - cmdstanpy - INFO - Chain [1] start processing
01:58:24 - cmdstanpy - INFO - Chain [1] done processing
01:58:25 - cmdstanpy - INFO - Chain [1] start processing
01:58:25 - cmdstanpy - INFO - Chain [1] done processing
01:58:25 - cmdstanpy - INFO - Chain [1] start processing
01:58:25 - cmdstanpy - INFO - Chain [1] done processing
01:58:25 - cmdstanpy - INFO - Chain [1] start processing
01:58:25 - cmdstanpy - INFO - Chain [1] done processing
01:58:26 - cmdstanpy - INFO - Chain [1] start processing
01:58:26 - cmdstanpy - INFO - Chain [1] done processing
01:58:26 - cmdstanpy - INFO - Chain [1] start processing
01:58:26 - cmdstanpy - INFO - Chain [1] done processing
01:58:26 - cmdstanpy - INFO - Chain [1] start processing
01:58:27 - cmdstanpy - INFO - Chain [1] done processing
01:58:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:27 - cmdstanpy - INFO - Chain [1] start processing
01:58:27 - cmdstanpy - INFO - Chain [1] done processing
01:58:27 - cmdstanpy - INFO - Chain [1] start processing
01:58:27 - cmdstanpy - INFO - Chain [1] done processing
01:58:28 - cmdstanpy - INFO - Chain [1] start processing
01:58:28 - cmdstanpy - INFO - Chain [1] done processing
01:58:28 - cmdstanpy - INFO - Chain [1] start processing
01:58:28 - cmdstanpy - INFO - Chain [1] done processing
01:58:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:28 - cmdstanpy - INFO - Chain [1] start processing
01:58:28 - cmdstanpy - INFO - Chain [1] done processing
01:58:29 - cmdstanpy - INFO - Chain [1] start processing
01:58:29 - cmdstanpy - INFO - Chain [1] done processing
01:58:29 - cmdstanpy - INFO - Chain [1] start processing
01:58:29 - cmdstanpy - INFO - Chain [1] done processing
01:58:29 - cmdstanpy - INFO - Chain [1] start processing
01:58:29 - cmdstanpy - INFO - Chain [1] done processing
01:58:30 - cmdstanpy - INFO - Chain [1] start processing
01:58:30 - cmdstanpy - INFO - Chain [1] done processing
01:58:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:30 - cmdstanpy - INFO - Chain [1] start processing
01:58:30 - cmdstanpy - INFO - Chain [1] done processing
01:58:30 - cmdstanpy - INFO - Chain [1] start processing
01:58:30 - cmdstanpy - INFO - Chain [1] done processing
01:58:31 - cmdstanpy - INFO - Chain [1] start processing
01:58:31 - cmdstanpy - INFO - Chain [1] done processing
01:58:31 - cmdstanpy - INFO - Chain [1] start processing
01:58:31 - cmdstanpy - INFO - Chain [1] done processing
01:58:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:31 - cmdstanpy - INFO - Chain [1] start processing
01:58:31 - cmdstanpy - INFO - Chain [1] done processing
01:58:32 - cmdstanpy - INFO - Chain [1] start processing
01:58:32 - cmdstanpy - INFO - Chain [1] done processing
01:58:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:32 - cmdstanpy - INFO - Chain [1] start processing
01:58:32 - cmdstanpy - INFO - Chain [1] done processing
01:58:32 - cmdstanpy - INFO - Chain [1] start processing
01:58:32 - cmdstanpy - INFO - Chain [1] done processing
01:58:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:32 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:58:33 - cmdstanpy - INFO - Chain [1] done processing
01:58:33 - cmdstanpy - INFO - Chain [1] start processing
01:58:33 - cmdstanpy - INFO - Chain [1] done processing
01:58:33 - cmdstanpy - INFO - Chain [1] start processing
01:58:33 - cmdstanpy - INFO - Chain [1] done processing
01:58:34 - cmdstanpy - INFO - Chain [1] start processing
01:58:34 - cmdstanpy - INFO - Chain [1] done processing
01:58:34 - cmdstanpy - INFO - Chain [1] start processing
01:58:34 - cmdstanpy - INFO - Chain [1] done processing
01:58:34 - cmdstanpy - INFO - Chain [1] start processing
01:58:34 - cmdstanpy - INFO - Chain [1] done processing
01:58:35 - cmdstanpy - INFO - Chain [1] start processing
01:58:35 - cmdstanpy - INFO - Chain [1] done processing
01:58:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:35 - cmdstanpy - INFO - Chain [1] start processing
01:58:35 - cmdstanpy - INFO - Chain [1] done processing
01:58:35 - cmdstanpy - INFO - Chain [1] start processing
01:58:35 - cmdstanpy - INFO - Chain [1] done processing
01:58:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:36 - cmdstanpy - INFO - Chain [1] start processing
01:58:36 - cmdstanpy - INFO - Chain [1] done processing
01:58:36 - cmdstanpy - INFO - Chain [1] start processing
01:58:36 - cmdstanpy - INFO - Chain [1] done processing
01:58:36 - cmdstanpy - INFO - Chain [1] start processing
01:58:36 - cmdstanpy - INFO - Chain [1] done processing
01:58:37 - cmdstanpy - INFO - Chain [1] start processing
01:58:37 - cmdstanpy - INFO - Chain [1] done processing
01:58:37 - cmdstanpy - INFO - Chain [1] start processing
01:58:37 - cmdstanpy - INFO - Chain [1] done processing
01:58:38 - cmdstanpy - INFO - Chain [1] start processing
01:58:38 - cmdstanpy - INFO - Chain [1] done processing
01:58:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:38 - cmdstanpy - INFO - Chain [1] start processing
01:58:38 - cmdstanpy - INFO - Chain [1] done processing
01:58:38 - cmdstanpy - INFO - Chain [1] start processing
01:58:38 - cmdstanpy - INFO - Chain [1] done processing
01:58:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:38 - cmdstanpy - INFO - Chain [1] start processing
01:58:38 - cmdstanpy - INFO - Chain [1] done processing
01:58:39 - cmdstanpy - INFO - Chain [1] start processing
01:58:39 - cmdstanpy - INFO - Chain [1] done processing
01:58:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:39 - cmdstanpy - INFO - Chain [1] start processing
01:58:39 - cmdstanpy - INFO - Chain [1] done processing
01:58:39 - cmdstanpy - INFO - Chain [1] start processing
01:58:40 - cmdstanpy - INFO - Chain [1] done processing
01:58:40 - cmdstanpy - INFO - Chain [1] start processing
01:58:40 - cmdstanpy - INFO - Chain [1] done processing
01:58:40 - cmdstanpy - INFO - Chain [1] start processing
01:58:40 - cmdstanpy - INFO - Chain [1] done processing
01:58:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:40 - cmdstanpy - INFO - Chain [1] start processing
01:58:41 - cmdstanpy - INFO - Chain [1] done processing
01:58:41 - cmdstanpy - INFO - Chain [1] start processing
01:58:41 - cmdstanpy - INFO - Chain [1] done processing
01:58:41 - cmdstanpy - INFO - Chain [1] start processing
01:58:41 - cmdstanpy - INFO - Chain [1] done processing
01:58:42 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:58:42 - cmdstanpy - INFO - Chain [1] done processing
01:58:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:42 - cmdstanpy - INFO - Chain [1] start processing
01:58:42 - cmdstanpy - INFO - Chain [1] done processing
01:58:42 - cmdstanpy - INFO - Chain [1] start processing
01:58:42 - cmdstanpy - INFO - Chain [1] done processing
01:58:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:43 - cmdstanpy - INFO - Chain [1] start processing
01:58:43 - cmdstanpy - INFO - Chain [1] done processing
01:58:43 - cmdstanpy - INFO - Chain [1] start processing
01:58:43 - cmdstanpy - INFO - Chain [1] done processing
01:58:44 - cmdstanpy - INFO - Chain [1] start processing
01:58:44 - cmdstanpy - INFO - Chain [1] done processing
01:58:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:44 - cmdstanpy - INFO - Chain [1] start processing
01:58:44 - cmdstanpy - INFO - Chain [1] done processing
01:58:44 - cmdstanpy - INFO - Chain [1] start processing
01:58:44 - cmdstanpy - INFO - Chain [1] done processing
01:58:45 - cmdstanpy - INFO - Chain [1] start processing
01:58:45 - cmdstanpy - INFO - Chain [1] done processing
01:58:45 - cmdstanpy - INFO - Chain [1] start processing
01:58:45 - cmdstanpy - INFO - Chain [1] done processing
01:58:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:58:45 - cmdstanpy - INFO - Chain [1] start processing
01:58:45 - cmdstanpy - INFO - Chain [1] done processing
01:58:46 - cmdstanpy - INFO - Chain [1] start processing
01:58:46 - cmdstanpy - INFO - Chain [1] done processing
01:58:46 - cmdstanpy - INFO - Chain [1] start processing
01:58:46 - cmdstanpy - INFO - Chain [1] done processing
01:58:46 - cmdstanpy - INFO - Chain [1] start processing
01:58:47 - cmdstanpy - INFO - Chain [1] done processing
01:58:47 - cmdstanpy - INFO - Chain [1] start processing
01:58:47 - cmdstanpy - INFO - Chain [1] done processing
01:58:47 - cmdstanpy - INFO - Chain [1] start processing
01:58:47 - cmdstanpy - INFO - Chain [1] done processing
01:58:48 - cmdstanpy - INFO - Chain [1] start processing
01:58:48 - cmdstanpy - INFO - Chain [1] done processing
01:58:48 - cmdstanpy - INFO - Chain [1] start processing
01:58:48 - cmdstanpy - INFO - Chain [1] done processing
01:58:48 - cmdstanpy - INFO - Chain [1] start processing
01:58:48 - cmdstanpy - INFO - Chain [1] done processing
01:58:49 - cmdstanpy - INFO - Chain [1] start processing
01:58:49 - cmdstanpy - INFO - Chain [1] done processing
01:58:49 - cmdstanpy - INFO - Chain [1] start processing
01:58:49 - cmdstanpy - INFO - Chain [1] done processing
01:58:49 - cmdstanpy - INFO - Chain [1] start processing
01:58:49 - cmdstanpy - INFO - Chain [1] done processing
01:58:50 - cmdstanpy - INFO - Chain [1] start processing
01:58:50 - cmdstanpy - INFO - Chain [1] done processing
01:58:50 - cmdstanpy - INFO - Chain [1] start processing
01:58:50 - cmdstanpy - INFO - Chain [1] done processing
01:58:50 - cmdstanpy - INFO - Chain [1] start processing
01:58:51 - cmdstanpy - INFO - Chain [1] done processing
01:58:51 - cmdstanpy - INFO - Chain [1] start processing
01:58:51 - cmdstanpy - INFO - Chain [1] done processing
01:58:51 - cmdstanpy - INFO - Chain [1] start processing
01:58:51 - cmdstanpy - INFO - Chain [1] done processing
01:58:52 - cmdstanpy - INFO - Chain [1] start processing
01:58:52 - cmdstanpy - INFO - Chain [1] done processing
01:58:52 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:58:52 - cmdstanpy - INFO - Chain [1] done processing
01:58:52 - cmdstanpy - INFO - Chain [1] start processing
01:58:52 - cmdstanpy - INFO - Chain [1] done processing
01:58:53 - cmdstanpy - INFO - Chain [1] start processing
01:58:53 - cmdstanpy - INFO - Chain [1] done processing
01:58:53 - cmdstanpy - INFO - Chain [1] start processing
01:58:53 - cmdstanpy - INFO - Chain [1] done processing
01:58:53 - cmdstanpy - INFO - Chain [1] start processing
01:58:54 - cmdstanpy - INFO - Chain [1] done processing
01:58:54 - cmdstanpy - INFO - Chain [1] start processing
01:58:54 - cmdstanpy - INFO - Chain [1] done processing
01:58:54 - cmdstanpy - INFO - Chain [1] start processing
01:58:54 - cmdstanpy - INFO - Chain [1] done processing
01:58:55 - cmdstanpy - INFO - Chain [1] start processing
01:58:55 - cmdstanpy - INFO - Chain [1] done processing
01:58:55 - cmdstanpy - INFO - Chain [1] start processing
01:58:55 - cmdstanpy - INFO - Chain [1] done processing
01:58:56 - cmdstanpy - INFO - Chain [1] start processing
01:58:56 - cmdstanpy - INFO - Chain [1] done processing
01:58:56 - cmdstanpy - INFO - Chain [1] start processing
01:58:56 - cmdstanpy - INFO - Chain [1] done processing
01:58:56 - cmdstanpy - INFO - Chain [1] start processing
01:58:56 - cmdstanpy - INFO - Chain [1] done processing
01:58:57 - cmdstanpy - INFO - Chain [1] start processing
01:58:57 - cmdstanpy - INFO - Chain [1] done processing
01:58:57 - cmdstanpy - INFO - Chain [1] start processing
01:58:57 - cmdstanpy - INFO - Chain [1] done processing
01:58:58 - cmdstanpy - INFO - Chain [1] start processing
01:58:58 - cmdstanpy - INFO - Chain [1] done processing
01:58:58 - cmdstanpy - INFO - Chain [1] start processing
01:58:58 - cmdstanpy - INFO - Chain [1] done processing
01:58:58 - cmdstanpy - INFO - Chain [1] start processing
01:58:58 - cmdstanpy - INFO - Chain [1] done processing
01:58:59 - cmdstanpy - INFO - Chain [1] start processing
01:58:59 - cmdstanpy - INFO - Chain [1] done processing
01:58:59 - cmdstanpy - INFO - Chain [1] start processing
01:58:59 - cmdstanpy - INFO - Chain [1] done processing
01:59:00 - cmdstanpy - INFO - Chain [1] start processing
01:59:00 - cmdstanpy - INFO - Chain [1] done processing
01:59:00 - cmdstanpy - INFO - Chain [1] start processing
01:59:00 - cmdstanpy - INFO - Chain [1] done processing
01:59:00 - cmdstanpy - INFO - Chain [1] start processing
01:59:00 - cmdstanpy - INFO - Chain [1] done processing
01:59:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:00 - cmdstanpy - INFO - Chain [1] start processing
01:59:01 - cmdstanpy - INFO - Chain [1] done processing
01:59:01 - cmdstanpy - INFO - Chain [1] start processing
01:59:01 - cmdstanpy - INFO - Chain [1] done processing
01:59:01 - cmdstanpy - INFO - Chain [1] start processing
01:59:01 - cmdstanpy - INFO - Chain [1] done processing
01:59:02 - cmdstanpy - INFO - Chain [1] start processing
01:59:02 - cmdstanpy - INFO - Chain [1] done processing
01:59:02 - cmdstanpy - INFO - Chain [1] start processing
01:59:02 - cmdstanpy - INFO - Chain [1] done processing
01:59:03 - cmdstanpy - INFO - Chain [1] start processing
01:59:03 - cmdstanpy - INFO - Chain [1] done processing
01:59:03 - cmdstanpy - INFO - Chain [1] start processing
01:59:03 - cmdstanpy - INFO - Chain [1] done processing
01:59:03 - cmdstanpy - INFO - Chain [1] start processing
01:59:04 - cmdstanpy - INFO - Chain [1] done processing
01:59:04 - cmdstanpy - INFO - Chain [1] start processing
01:59:04 - cmdstanpy - INFO - Chain [1] done processing
01:59:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:59:04 - cmdstanpy - INFO - Chain [1] done processing
01:59:05 - cmdstanpy - INFO - Chain [1] start processing
01:59:05 - cmdstanpy - INFO - Chain [1] done processing
01:59:05 - cmdstanpy - INFO - Chain [1] start processing
01:59:05 - cmdstanpy - INFO - Chain [1] done processing
01:59:06 - cmdstanpy - INFO - Chain [1] start processing
01:59:06 - cmdstanpy - INFO - Chain [1] done processing
01:59:06 - cmdstanpy - INFO - Chain [1] start processing
01:59:06 - cmdstanpy - INFO - Chain [1] done processing
01:59:06 - cmdstanpy - INFO - Chain [1] start processing
01:59:06 - cmdstanpy - INFO - Chain [1] done processing
01:59:07 - cmdstanpy - INFO - Chain [1] start processing
01:59:07 - cmdstanpy - INFO - Chain [1] done processing
01:59:07 - cmdstanpy - INFO - Chain [1] start processing
01:59:07 - cmdstanpy - INFO - Chain [1] done processing
01:59:08 - cmdstanpy - INFO - Chain [1] start processing
01:59:08 - cmdstanpy - INFO - Chain [1] done processing
01:59:08 - cmdstanpy - INFO - Chain [1] start processing
01:59:08 - cmdstanpy - INFO - Chain [1] done processing
01:59:08 - cmdstanpy - INFO - Chain [1] start processing
01:59:08 - cmdstanpy - INFO - Chain [1] done processing
01:59:09 - cmdstanpy - INFO - Chain [1] start processing
01:59:09 - cmdstanpy - INFO - Chain [1] done processing
01:59:09 - cmdstanpy - INFO - Chain [1] start processing
01:59:09 - cmdstanpy - INFO - Chain [1] done processing
01:59:09 - cmdstanpy - INFO - Chain [1] start processing
01:59:09 - cmdstanpy - INFO - Chain [1] done processing
01:59:10 - cmdstanpy - INFO - Chain [1] start processing
01:59:10 - cmdstanpy - INFO - Chain [1] done processing
01:59:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:10 - cmdstanpy - INFO - Chain [1] start processing
01:59:10 - cmdstanpy - INFO - Chain [1] done processing
01:59:10 - cmdstanpy - INFO - Chain [1] start processing
01:59:10 - cmdstanpy - INFO - Chain [1] done processing
01:59:11 - cmdstanpy - INFO - Chain [1] start processing
01:59:11 - cmdstanpy - INFO - Chain [1] done processing
01:59:11 - cmdstanpy - INFO - Chain [1] start processing
01:59:11 - cmdstanpy - INFO - Chain [1] done processing
01:59:12 - cmdstanpy - INFO - Chain [1] start processing
01:59:12 - cmdstanpy - INFO - Chain [1] done processing
01:59:12 - cmdstanpy - INFO - Chain [1] start processing
01:59:12 - cmdstanpy - INFO - Chain [1] done processing
01:59:12 - cmdstanpy - INFO - Chain [1] start processing
01:59:12 - cmdstanpy - INFO - Chain [1] done processing
01:59:13 - cmdstanpy - INFO - Chain [1] start processing
01:59:13 - cmdstanpy - INFO - Chain [1] done processing
01:59:13 - cmdstanpy - INFO - Chain [1] start processing
01:59:13 - cmdstanpy - INFO - Chain [1] done processing
01:59:13 - cmdstanpy - INFO - Chain [1] start processing
01:59:14 - cmdstanpy - INFO - Chain [1] done processing
01:59:14 - cmdstanpy - INFO - Chain [1] start processing
01:59:14 - cmdstanpy - INFO - Chain [1] done processing
01:59:14 - cmdstanpy - INFO - Chain [1] start processing
01:59:14 - cmdstanpy - INFO - Chain [1] done processing
01:59:15 - cmdstanpy - INFO - Chain [1] start processing
01:59:15 - cmdstanpy - INFO - Chain [1] done processing
01:59:15 - cmdstanpy - INFO - Chain [1] start processing
01:59:15 - cmdstanpy - INFO - Chain [1] done processing
01:59:15 - cmdstanpy - INFO - Chain [1] start processing
01:59:15 - cmdstanpy - INFO - Chain [1] done processing
01:59:16 - cmdstanpy - INFO - Chain [1] start processing
01:59:16 - cmdstanpy - INFO - Chain [1] done processing
01:59:16 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:59:16 - cmdstanpy - INFO - Chain [1] done processing
01:59:17 - cmdstanpy - INFO - Chain [1] start processing
01:59:17 - cmdstanpy - INFO - Chain [1] done processing
01:59:17 - cmdstanpy - INFO - Chain [1] start processing
01:59:17 - cmdstanpy - INFO - Chain [1] done processing
01:59:17 - cmdstanpy - INFO - Chain [1] start processing
01:59:17 - cmdstanpy - INFO - Chain [1] done processing
01:59:18 - cmdstanpy - INFO - Chain [1] start processing
01:59:18 - cmdstanpy - INFO - Chain [1] done processing
01:59:18 - cmdstanpy - INFO - Chain [1] start processing
01:59:18 - cmdstanpy - INFO - Chain [1] done processing
01:59:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:18 - cmdstanpy - INFO - Chain [1] start processing
01:59:18 - cmdstanpy - INFO - Chain [1] done processing
01:59:19 - cmdstanpy - INFO - Chain [1] start processing
01:59:19 - cmdstanpy - INFO - Chain [1] done processing
01:59:19 - cmdstanpy - INFO - Chain [1] start processing
01:59:19 - cmdstanpy - INFO - Chain [1] done processing
01:59:20 - cmdstanpy - INFO - Chain [1] start processing
01:59:20 - cmdstanpy - INFO - Chain [1] done processing
01:59:20 - cmdstanpy - INFO - Chain [1] start processing
01:59:20 - cmdstanpy - INFO - Chain [1] done processing
01:59:20 - cmdstanpy - INFO - Chain [1] start processing
01:59:20 - cmdstanpy - INFO - Chain [1] done processing
01:59:21 - cmdstanpy - INFO - Chain [1] start processing
01:59:21 - cmdstanpy - INFO - Chain [1] done processing
01:59:21 - cmdstanpy - INFO - Chain [1] start processing
01:59:21 - cmdstanpy - INFO - Chain [1] done processing
01:59:22 - cmdstanpy - INFO - Chain [1] start processing
01:59:22 - cmdstanpy - INFO - Chain [1] done processing
01:59:22 - cmdstanpy - INFO - Chain [1] start processing
01:59:22 - cmdstanpy - INFO - Chain [1] done processing
01:59:22 - cmdstanpy - INFO - Chain [1] start processing
01:59:22 - cmdstanpy - INFO - Chain [1] done processing
01:59:23 - cmdstanpy - INFO - Chain [1] start processing
01:59:23 - cmdstanpy - INFO - Chain [1] done processing
01:59:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:23 - cmdstanpy - INFO - Chain [1] start processing
01:59:23 - cmdstanpy - INFO - Chain [1] done processing
01:59:23 - cmdstanpy - INFO - Chain [1] start processing
01:59:23 - cmdstanpy - INFO - Chain [1] done processing
01:59:24 - cmdstanpy - INFO - Chain [1] start processing
01:59:24 - cmdstanpy - INFO - Chain [1] done processing
01:59:24 - cmdstanpy - INFO - Chain [1] start processing
01:59:24 - cmdstanpy - INFO - Chain [1] done processing
01:59:25 - cmdstanpy - INFO - Chain [1] start processing
01:59:25 - cmdstanpy - INFO - Chain [1] done processing
01:59:25 - cmdstanpy - INFO - Chain [1] start processing
01:59:25 - cmdstanpy - INFO - Chain [1] done processing
01:59:25 - cmdstanpy - INFO - Chain [1] start processing
01:59:25 - cmdstanpy - INFO - Chain [1] done processing
01:59:26 - cmdstanpy - INFO - Chain [1] start processing
01:59:26 - cmdstanpy - INFO - Chain [1] done processing
01:59:26 - cmdstanpy - INFO - Chain [1] start processing
01:59:26 - cmdstanpy - INFO - Chain [1] done processing
01:59:26 - cmdstanpy - INFO - Chain [1] start processing
01:59:27 - cmdstanpy - INFO - Chain [1] done processing
01:59:27 - cmdstanpy - INFO - Chain [1] start processing
01:59:27 - cmdstanpy - INFO - Chain [1] done processing
01:59:27 - cmdstanpy - INFO - Chain [1] start processing
01:59:27 - cmdstanpy - INFO - Chain [1] done processing
01:59:28 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:59:28 - cmdstanpy - INFO - Chain [1] done processing
01:59:28 - cmdstanpy - INFO - Chain [1] start processing
01:59:28 - cmdstanpy - INFO - Chain [1] done processing
01:59:29 - cmdstanpy - INFO - Chain [1] start processing
01:59:29 - cmdstanpy - INFO - Chain [1] done processing
01:59:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:29 - cmdstanpy - INFO - Chain [1] start processing
01:59:29 - cmdstanpy - INFO - Chain [1] done processing
01:59:29 - cmdstanpy - INFO - Chain [1] start processing
01:59:29 - cmdstanpy - INFO - Chain [1] done processing
01:59:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:29 - cmdstanpy - INFO - Chain [1] start processing
01:59:30 - cmdstanpy - INFO - Chain [1] done processing
01:59:30 - cmdstanpy - INFO - Chain [1] start processing
01:59:30 - cmdstanpy - INFO - Chain [1] done processing
01:59:30 - cmdstanpy - INFO - Chain [1] start processing
01:59:30 - cmdstanpy - INFO - Chain [1] done processing
01:59:31 - cmdstanpy - INFO - Chain [1] start processing
01:59:31 - cmdstanpy - INFO - Chain [1] done processing
01:59:31 - cmdstanpy - INFO - Chain [1] start processing
01:59:31 - cmdstanpy - INFO - Chain [1] done processing
01:59:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:31 - cmdstanpy - INFO - Chain [1] start processing
01:59:31 - cmdstanpy - INFO - Chain [1] done processing
01:59:32 - cmdstanpy - INFO - Chain [1] start processing
01:59:32 - cmdstanpy - INFO - Chain [1] done processing
01:59:32 - cmdstanpy - INFO - Chain [1] start processing
01:59:32 - cmdstanpy - INFO - Chain [1] done processing
01:59:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:32 - cmdstanpy - INFO - Chain [1] start processing
01:59:32 - cmdstanpy - INFO - Chain [1] done processing
01:59:33 - cmdstanpy - INFO - Chain [1] start processing
01:59:33 - cmdstanpy - INFO - Chain [1] done processing
01:59:33 - cmdstanpy - INFO - Chain [1] start processing
01:59:33 - cmdstanpy - INFO - Chain [1] done processing
01:59:34 - cmdstanpy - INFO - Chain [1] start processing
01:59:34 - cmdstanpy - INFO - Chain [1] done processing
01:59:34 - cmdstanpy - INFO - Chain [1] start processing
01:59:34 - cmdstanpy - INFO - Chain [1] done processing
01:59:34 - cmdstanpy - INFO - Chain [1] start processing
01:59:34 - cmdstanpy - INFO - Chain [1] done processing
01:59:35 - cmdstanpy - INFO - Chain [1] start processing
01:59:35 - cmdstanpy - INFO - Chain [1] done processing
01:59:35 - cmdstanpy - INFO - Chain [1] start processing
01:59:35 - cmdstanpy - INFO - Chain [1] done processing
01:59:35 - cmdstanpy - INFO - Chain [1] start processing
01:59:35 - cmdstanpy - INFO - Chain [1] done processing
01:59:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:36 - cmdstanpy - INFO - Chain [1] start processing
01:59:36 - cmdstanpy - INFO - Chain [1] done processing
01:59:36 - cmdstanpy - INFO - Chain [1] start processing
01:59:36 - cmdstanpy - INFO - Chain [1] done processing
01:59:36 - cmdstanpy - INFO - Chain [1] start processing
01:59:36 - cmdstanpy - INFO - Chain [1] done processing
01:59:37 - cmdstanpy - INFO - Chain [1] start processing
01:59:37 - cmdstanpy - INFO - Chain [1] done processing
01:59:37 - cmdstanpy - INFO - Chain [1] start processing
01:59:37 - cmdstanpy - INFO - Chain [1] done processing
01:59:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
01:59:37 - cmdstanpy - INFO - Chain [1] start processing
01:59:37 - cmdstanpy - INFO - Chain [1] done processing
01:59:38 - cmdstanpy - INFO - Chain [1] start processing
01:59:38 - cmdstanpy - INFO - Chain [1] done processing
01:59:38 - cmdstanpy - INFO - Chain [1] start processing
01:59:38 - cmdstanpy - INFO - Chain [1] done processing
01:59:38 - cmdstanpy - INFO - Chain [1] start processing
01:59:39 - cmdstanpy - INFO - Chain [1] done processing
01:59:39 - cmdstanpy - INFO - Chain [1] start processing
01:59:39 - cmdstanpy - INFO - Chain [1] done processing
01:59:39 - cmdstanpy - INFO - Chain [1] start processing
01:59:39 - cmdstanpy - INFO - Chain [1] done processing
01:59:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:39 - cmdstanpy - INFO - Chain [1] start processing
01:59:40 - cmdstanpy - INFO - Chain [1] done processing
01:59:40 - cmdstanpy - INFO - Chain [1] start processing
01:59:40 - cmdstanpy - INFO - Chain [1] done processing
01:59:41 - cmdstanpy - INFO - Chain [1] start processing
01:59:41 - cmdstanpy - INFO - Chain [1] done processing
01:59:41 - cmdstanpy - INFO - Chain [1] start processing
01:59:41 - cmdstanpy - INFO - Chain [1] done processing
01:59:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:41 - cmdstanpy - INFO - Chain [1] start processing
01:59:41 - cmdstanpy - INFO - Chain [1] done processing
01:59:42 - cmdstanpy - INFO - Chain [1] start processing
01:59:42 - cmdstanpy - INFO - Chain [1] done processing
01:59:42 - cmdstanpy - INFO - Chain [1] start processing
01:59:42 - cmdstanpy - INFO - Chain [1] done processing
01:59:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:42 - cmdstanpy - INFO - Chain [1] start processing
01:59:42 - cmdstanpy - INFO - Chain [1] done processing
01:59:43 - cmdstanpy - INFO - Chain [1] start processing
01:59:43 - cmdstanpy - INFO - Chain [1] done processing
01:59:43 - cmdstanpy - INFO - Chain [1] start processing
01:59:43 - cmdstanpy - INFO - Chain [1] done processing
01:59:43 - cmdstanpy - INFO - Chain [1] start processing
01:59:43 - cmdstanpy - INFO - Chain [1] done processing
01:59:44 - cmdstanpy - INFO - Chain [1] start processing
01:59:44 - cmdstanpy - INFO - Chain [1] done processing
01:59:44 - cmdstanpy - INFO - Chain [1] start processing
01:59:44 - cmdstanpy - INFO - Chain [1] done processing
01:59:44 - cmdstanpy - INFO - Chain [1] start processing
01:59:44 - cmdstanpy - INFO - Chain [1] done processing
01:59:45 - cmdstanpy - INFO - Chain [1] start processing
01:59:45 - cmdstanpy - INFO - Chain [1] done processing
01:59:45 - cmdstanpy - INFO - Chain [1] start processing
01:59:45 - cmdstanpy - INFO - Chain [1] done processing
01:59:46 - cmdstanpy - INFO - Chain [1] start processing
01:59:46 - cmdstanpy - INFO - Chain [1] done processing
01:59:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:46 - cmdstanpy - INFO - Chain [1] start processing
01:59:46 - cmdstanpy - INFO - Chain [1] done processing
01:59:46 - cmdstanpy - INFO - Chain [1] start processing
01:59:46 - cmdstanpy - INFO - Chain [1] done processing
01:59:47 - cmdstanpy - INFO - Chain [1] start processing
01:59:47 - cmdstanpy - INFO - Chain [1] done processing
01:59:47 - cmdstanpy - INFO - Chain [1] start processing
01:59:47 - cmdstanpy - INFO - Chain [1] done processing
01:59:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:59:48 - cmdstanpy - INFO - Chain [1] done processing
01:59:48 - cmdstanpy - INFO - Chain [1] start processing
01:59:48 - cmdstanpy - INFO - Chain [1] done processing
01:59:48 - cmdstanpy - INFO - Chain [1] start processing
01:59:48 - cmdstanpy - INFO - Chain [1] done processing
01:59:49 - cmdstanpy - INFO - Chain [1] start processing
01:59:49 - cmdstanpy - INFO - Chain [1] done processing
01:59:49 - cmdstanpy - INFO - Chain [1] start processing
01:59:49 - cmdstanpy - INFO - Chain [1] done processing
01:59:49 - cmdstanpy - INFO - Chain [1] start processing
01:59:49 - cmdstanpy - INFO - Chain [1] done processing
01:59:50 - cmdstanpy - INFO - Chain [1] start processing
01:59:50 - cmdstanpy - INFO - Chain [1] done processing
01:59:50 - cmdstanpy - INFO - Chain [1] start processing
01:59:50 - cmdstanpy - INFO - Chain [1] done processing
01:59:51 - cmdstanpy - INFO - Chain [1] start processing
01:59:51 - cmdstanpy - INFO - Chain [1] done processing
01:59:51 - cmdstanpy - INFO - Chain [1] start processing
01:59:51 - cmdstanpy - INFO - Chain [1] done processing
01:59:51 - cmdstanpy - INFO - Chain [1] start processing
01:59:51 - cmdstanpy - INFO - Chain [1] done processing
01:59:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:51 - cmdstanpy - INFO - Chain [1] start processing
01:59:52 - cmdstanpy - INFO - Chain [1] done processing
01:59:52 - cmdstanpy - INFO - Chain [1] start processing
01:59:52 - cmdstanpy - INFO - Chain [1] done processing
01:59:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:52 - cmdstanpy - INFO - Chain [1] start processing
01:59:52 - cmdstanpy - INFO - Chain [1] done processing
01:59:53 - cmdstanpy - INFO - Chain [1] start processing
01:59:53 - cmdstanpy - INFO - Chain [1] done processing
01:59:53 - cmdstanpy - INFO - Chain [1] start processing
01:59:53 - cmdstanpy - INFO - Chain [1] done processing
01:59:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:53 - cmdstanpy - INFO - Chain [1] start processing
01:59:53 - cmdstanpy - INFO - Chain [1] done processing
01:59:54 - cmdstanpy - INFO - Chain [1] start processing
01:59:54 - cmdstanpy - INFO - Chain [1] done processing
01:59:54 - cmdstanpy - INFO - Chain [1] start processing
01:59:54 - cmdstanpy - INFO - Chain [1] done processing
01:59:54 - cmdstanpy - INFO - Chain [1] start processing
01:59:54 - cmdstanpy - INFO - Chain [1] done processing
01:59:55 - cmdstanpy - INFO - Chain [1] start processing
01:59:55 - cmdstanpy - INFO - Chain [1] done processing
01:59:55 - cmdstanpy - INFO - Chain [1] start processing
01:59:55 - cmdstanpy - INFO - Chain [1] done processing
01:59:56 - cmdstanpy - INFO - Chain [1] start processing
01:59:56 - cmdstanpy - INFO - Chain [1] done processing
01:59:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:56 - cmdstanpy - INFO - Chain [1] start processing
01:59:56 - cmdstanpy - INFO - Chain [1] done processing
01:59:56 - cmdstanpy - INFO - Chain [1] start processing
01:59:56 - cmdstanpy - INFO - Chain [1] done processing
01:59:57 - cmdstanpy - INFO - Chain [1] start processing
01:59:57 - cmdstanpy - INFO - Chain [1] done processing
01:59:57 - cmdstanpy - INFO - Chain [1] start processing
01:59:57 - cmdstanpy - INFO - Chain [1] done processing
01:59:57 - cmdstanpy - INFO - Chain [1] start processing
01:59:57 - cmdstanpy - INFO - Chain [1] done processing
01:59:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
01:59:58 - cmdstanpy - INFO - Chain [1] done processing
01:59:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:58 - cmdstanpy - INFO - Chain [1] start processing
01:59:58 - cmdstanpy - INFO - Chain [1] done processing
01:59:58 - cmdstanpy - INFO - Chain [1] start processing
01:59:58 - cmdstanpy - INFO - Chain [1] done processing
01:59:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
01:59:58 - cmdstanpy - INFO - Chain [1] start processing
01:59:59 - cmdstanpy - INFO - Chain [1] done processing
01:59:59 - cmdstanpy - INFO - Chain [1] start processing
01:59:59 - cmdstanpy - INFO - Chain [1] done processing
01:59:59 - cmdstanpy - INFO - Chain [1] start processing
01:59:59 - cmdstanpy - INFO - Chain [1] done processing
02:00:00 - cmdstanpy - INFO - Chain [1] start processing
02:00:00 - cmdstanpy - INFO - Chain [1] done processing
02:00:00 - cmdstanpy - INFO - Chain [1] start processing
02:00:00 - cmdstanpy - INFO - Chain [1] done processing
02:00:01 - cmdstanpy - INFO - Chain [1] start processing
02:00:01 - cmdstanpy - INFO - Chain [1] done processing
02:00:01 - cmdstanpy - INFO - Chain [1] start processing
02:00:01 - cmdstanpy - INFO - Chain [1] done processing
02:00:02 - cmdstanpy - INFO - Chain [1] start processing
02:00:02 - cmdstanpy - INFO - Chain [1] done processing
02:00:02 - cmdstanpy - INFO - Chain [1] start processing
02:00:02 - cmdstanpy - INFO - Chain [1] done processing
02:00:02 - cmdstanpy - INFO - Chain [1] start processing
02:00:02 - cmdstanpy - INFO - Chain [1] done processing
02:00:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:02 - cmdstanpy - INFO - Chain [1] start processing
02:00:03 - cmdstanpy - INFO - Chain [1] done processing
02:00:03 - cmdstanpy - INFO - Chain [1] start processing
02:00:03 - cmdstanpy - INFO - Chain [1] done processing
02:00:03 - cmdstanpy - INFO - Chain [1] start processing
02:00:03 - cmdstanpy - INFO - Chain [1] done processing
02:00:04 - cmdstanpy - INFO - Chain [1] start processing
02:00:04 - cmdstanpy - INFO - Chain [1] done processing
02:00:04 - cmdstanpy - INFO - Chain [1] start processing
02:00:04 - cmdstanpy - INFO - Chain [1] done processing
02:00:04 - cmdstanpy - INFO - Chain [1] start processing
02:00:04 - cmdstanpy - INFO - Chain [1] done processing
02:00:05 - cmdstanpy - INFO - Chain [1] start processing
02:00:05 - cmdstanpy - INFO - Chain [1] done processing
02:00:05 - cmdstanpy - INFO - Chain [1] start processing
02:00:05 - cmdstanpy - INFO - Chain [1] done processing
02:00:05 - cmdstanpy - INFO - Chain [1] start processing
02:00:06 - cmdstanpy - INFO - Chain [1] done processing
02:00:06 - cmdstanpy - INFO - Chain [1] start processing
02:00:06 - cmdstanpy - INFO - Chain [1] done processing
02:00:06 - cmdstanpy - INFO - Chain [1] start processing
02:00:06 - cmdstanpy - INFO - Chain [1] done processing
02:00:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:06 - cmdstanpy - INFO - Chain [1] start processing
02:00:07 - cmdstanpy - INFO - Chain [1] done processing
02:00:07 - cmdstanpy - INFO - Chain [1] start processing
02:00:07 - cmdstanpy - INFO - Chain [1] done processing
02:00:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:07 - cmdstanpy - INFO - Chain [1] start processing
02:00:07 - cmdstanpy - INFO - Chain [1] done processing
02:00:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:00:08 - cmdstanpy - INFO - Chain [1] done processing
02:00:08 - cmdstanpy - INFO - Chain [1] start processing
02:00:08 - cmdstanpy - INFO - Chain [1] done processing
02:00:09 - cmdstanpy - INFO - Chain [1] start processing
02:00:09 - cmdstanpy - INFO - Chain [1] done processing
02:00:09 - cmdstanpy - INFO - Chain [1] start processing
02:00:09 - cmdstanpy - INFO - Chain [1] done processing
02:00:09 - cmdstanpy - INFO - Chain [1] start processing
02:00:09 - cmdstanpy - INFO - Chain [1] done processing
02:00:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:09 - cmdstanpy - INFO - Chain [1] start processing
02:00:10 - cmdstanpy - INFO - Chain [1] done processing
02:00:10 - cmdstanpy - INFO - Chain [1] start processing
02:00:10 - cmdstanpy - INFO - Chain [1] done processing
02:00:10 - cmdstanpy - INFO - Chain [1] start processing
02:00:10 - cmdstanpy - INFO - Chain [1] done processing
02:00:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:10 - cmdstanpy - INFO - Chain [1] start processing
02:00:11 - cmdstanpy - INFO - Chain [1] done processing
02:00:11 - cmdstanpy - INFO - Chain [1] start processing
02:00:11 - cmdstanpy - INFO - Chain [1] done processing
02:00:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:11 - cmdstanpy - INFO - Chain [1] start processing
02:00:11 - cmdstanpy - INFO - Chain [1] done processing
02:00:12 - cmdstanpy - INFO - Chain [1] start processing
02:00:12 - cmdstanpy - INFO - Chain [1] done processing
02:00:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:12 - cmdstanpy - INFO - Chain [1] start processing
02:00:12 - cmdstanpy - INFO - Chain [1] done processing
02:00:13 - cmdstanpy - INFO - Chain [1] start processing
02:00:13 - cmdstanpy - INFO - Chain [1] done processing
02:00:13 - cmdstanpy - INFO - Chain [1] start processing
02:00:13 - cmdstanpy - INFO - Chain [1] done processing
02:00:13 - cmdstanpy - INFO - Chain [1] start processing
02:00:13 - cmdstanpy - INFO - Chain [1] done processing
02:00:14 - cmdstanpy - INFO - Chain [1] start processing
02:00:14 - cmdstanpy - INFO - Chain [1] done processing
02:00:14 - cmdstanpy - INFO - Chain [1] start processing
02:00:14 - cmdstanpy - INFO - Chain [1] done processing
02:00:14 - cmdstanpy - INFO - Chain [1] start processing
02:00:14 - cmdstanpy - INFO - Chain [1] done processing
02:00:15 - cmdstanpy - INFO - Chain [1] start processing
02:00:15 - cmdstanpy - INFO - Chain [1] done processing
02:00:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:15 - cmdstanpy - INFO - Chain [1] start processing
02:00:15 - cmdstanpy - INFO - Chain [1] done processing
02:00:15 - cmdstanpy - INFO - Chain [1] start processing
02:00:15 - cmdstanpy - INFO - Chain [1] done processing
02:00:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:16 - cmdstanpy - INFO - Chain [1] start processing
02:00:16 - cmdstanpy - INFO - Chain [1] done processing
02:00:16 - cmdstanpy - INFO - Chain [1] start processing
02:00:16 - cmdstanpy - INFO - Chain [1] done processing
02:00:16 - cmdstanpy - INFO - Chain [1] start processing
02:00:16 - cmdstanpy - INFO - Chain [1] done processing
02:00:17 - cmdstanpy - INFO - Chain [1] start processing
02:00:17 - cmdstanpy - INFO - Chain [1] done processing
02:00:17 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:00:17 - cmdstanpy - INFO - Chain [1] done processing
02:00:17 - cmdstanpy - INFO - Chain [1] start processing
02:00:17 - cmdstanpy - INFO - Chain [1] done processing
02:00:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:18 - cmdstanpy - INFO - Chain [1] start processing
02:00:18 - cmdstanpy - INFO - Chain [1] done processing
02:00:18 - cmdstanpy - INFO - Chain [1] start processing
02:00:18 - cmdstanpy - INFO - Chain [1] done processing
02:00:19 - cmdstanpy - INFO - Chain [1] start processing
02:00:19 - cmdstanpy - INFO - Chain [1] done processing
02:00:19 - cmdstanpy - INFO - Chain [1] start processing
02:00:19 - cmdstanpy - INFO - Chain [1] done processing
02:00:19 - cmdstanpy - INFO - Chain [1] start processing
02:00:19 - cmdstanpy - INFO - Chain [1] done processing
02:00:20 - cmdstanpy - INFO - Chain [1] start processing
02:00:20 - cmdstanpy - INFO - Chain [1] done processing
02:00:20 - cmdstanpy - INFO - Chain [1] start processing
02:00:20 - cmdstanpy - INFO - Chain [1] done processing
02:00:20 - cmdstanpy - INFO - Chain [1] start processing
02:00:20 - cmdstanpy - INFO - Chain [1] done processing
02:00:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:21 - cmdstanpy - INFO - Chain [1] start processing
02:00:21 - cmdstanpy - INFO - Chain [1] done processing
02:00:21 - cmdstanpy - INFO - Chain [1] start processing
02:00:21 - cmdstanpy - INFO - Chain [1] done processing
02:00:21 - cmdstanpy - INFO - Chain [1] start processing
02:00:21 - cmdstanpy - INFO - Chain [1] done processing
02:00:22 - cmdstanpy - INFO - Chain [1] start processing
02:00:22 - cmdstanpy - INFO - Chain [1] done processing
02:00:22 - cmdstanpy - INFO - Chain [1] start processing
02:00:22 - cmdstanpy - INFO - Chain [1] done processing
02:00:23 - cmdstanpy - INFO - Chain [1] start processing
02:00:23 - cmdstanpy - INFO - Chain [1] done processing
02:00:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:23 - cmdstanpy - INFO - Chain [1] start processing
02:00:23 - cmdstanpy - INFO - Chain [1] done processing
02:00:23 - cmdstanpy - INFO - Chain [1] start processing
02:00:23 - cmdstanpy - INFO - Chain [1] done processing
02:00:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:23 - cmdstanpy - INFO - Chain [1] start processing
02:00:24 - cmdstanpy - INFO - Chain [1] done processing
02:00:24 - cmdstanpy - INFO - Chain [1] start processing
02:00:24 - cmdstanpy - INFO - Chain [1] done processing
02:00:24 - cmdstanpy - INFO - Chain [1] start processing
02:00:24 - cmdstanpy - INFO - Chain [1] done processing
02:00:25 - cmdstanpy - INFO - Chain [1] start processing
02:00:25 - cmdstanpy - INFO - Chain [1] done processing
02:00:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:25 - cmdstanpy - INFO - Chain [1] start processing
02:00:25 - cmdstanpy - INFO - Chain [1] done processing
02:00:25 - cmdstanpy - INFO - Chain [1] start processing
02:00:25 - cmdstanpy - INFO - Chain [1] done processing
02:00:26 - cmdstanpy - INFO - Chain [1] start processing
02:00:26 - cmdstanpy - INFO - Chain [1] done processing
02:00:26 - cmdstanpy - INFO - Chain [1] start processing
02:00:26 - cmdstanpy - INFO - Chain [1] done processing
02:00:27 - cmdstanpy - INFO - Chain [1] start processing
02:00:27 - cmdstanpy - INFO - Chain [1] done processing
02:00:27 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:00:27 - cmdstanpy - INFO - Chain [1] done processing
02:00:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:27 - cmdstanpy - INFO - Chain [1] start processing
02:00:27 - cmdstanpy - INFO - Chain [1] done processing
02:00:28 - cmdstanpy - INFO - Chain [1] start processing
02:00:28 - cmdstanpy - INFO - Chain [1] done processing
02:00:28 - cmdstanpy - INFO - Chain [1] start processing
02:00:28 - cmdstanpy - INFO - Chain [1] done processing
02:00:29 - cmdstanpy - INFO - Chain [1] start processing
02:00:29 - cmdstanpy - INFO - Chain [1] done processing
02:00:29 - cmdstanpy - INFO - Chain [1] start processing
02:00:29 - cmdstanpy - INFO - Chain [1] done processing
02:00:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:29 - cmdstanpy - INFO - Chain [1] start processing
02:00:29 - cmdstanpy - INFO - Chain [1] done processing
02:00:29 - cmdstanpy - INFO - Chain [1] start processing
02:00:29 - cmdstanpy - INFO - Chain [1] done processing
02:00:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:29 - cmdstanpy - INFO - Chain [1] start processing
02:00:30 - cmdstanpy - INFO - Chain [1] done processing
02:00:30 - cmdstanpy - INFO - Chain [1] start processing
02:00:30 - cmdstanpy - INFO - Chain [1] done processing
02:00:30 - cmdstanpy - INFO - Chain [1] start processing
02:00:30 - cmdstanpy - INFO - Chain [1] done processing
02:00:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:30 - cmdstanpy - INFO - Chain [1] start processing
02:00:31 - cmdstanpy - INFO - Chain [1] done processing
02:00:31 - cmdstanpy - INFO - Chain [1] start processing
02:00:31 - cmdstanpy - INFO - Chain [1] done processing
02:00:31 - cmdstanpy - INFO - Chain [1] start processing
02:00:31 - cmdstanpy - INFO - Chain [1] done processing
02:00:32 - cmdstanpy - INFO - Chain [1] start processing
02:00:32 - cmdstanpy - INFO - Chain [1] done processing
02:00:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:32 - cmdstanpy - INFO - Chain [1] start processing
02:00:32 - cmdstanpy - INFO - Chain [1] done processing
02:00:32 - cmdstanpy - INFO - Chain [1] start processing
02:00:32 - cmdstanpy - INFO - Chain [1] done processing
02:00:33 - cmdstanpy - INFO - Chain [1] start processing
02:00:33 - cmdstanpy - INFO - Chain [1] done processing
02:00:33 - cmdstanpy - INFO - Chain [1] start processing
02:00:33 - cmdstanpy - INFO - Chain [1] done processing
02:00:34 - cmdstanpy - INFO - Chain [1] start processing
02:00:34 - cmdstanpy - INFO - Chain [1] done processing
02:00:34 - cmdstanpy - INFO - Chain [1] start processing
02:00:34 - cmdstanpy - INFO - Chain [1] done processing
02:00:34 - cmdstanpy - INFO - Chain [1] start processing
02:00:34 - cmdstanpy - INFO - Chain [1] done processing
02:00:35 - cmdstanpy - INFO - Chain [1] start processing
02:00:35 - cmdstanpy - INFO - Chain [1] done processing
02:00:35 - cmdstanpy - INFO - Chain [1] start processing
02:00:35 - cmdstanpy - INFO - Chain [1] done processing
02:00:35 - cmdstanpy - INFO - Chain [1] start processing
02:00:36 - cmdstanpy - INFO - Chain [1] done processing
02:00:36 - cmdstanpy - INFO - Chain [1] start processing
02:00:36 - cmdstanpy - INFO - Chain [1] done processing
02:00:36 - cmdstanpy - INFO - Chain [1] start processing
02:00:36 - cmdstanpy - INFO - Chain [1] done processing
02:00:37 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:00:37 - cmdstanpy - INFO - Chain [1] done processing
02:00:37 - cmdstanpy - INFO - Chain [1] start processing
02:00:37 - cmdstanpy - INFO - Chain [1] done processing
02:00:37 - cmdstanpy - INFO - Chain [1] start processing
02:00:37 - cmdstanpy - INFO - Chain [1] done processing
02:00:38 - cmdstanpy - INFO - Chain [1] start processing
02:00:38 - cmdstanpy - INFO - Chain [1] done processing
02:00:38 - cmdstanpy - INFO - Chain [1] start processing
02:00:38 - cmdstanpy - INFO - Chain [1] done processing
02:00:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:38 - cmdstanpy - INFO - Chain [1] start processing
02:00:38 - cmdstanpy - INFO - Chain [1] done processing
02:00:39 - cmdstanpy - INFO - Chain [1] start processing
02:00:39 - cmdstanpy - INFO - Chain [1] done processing
02:00:39 - cmdstanpy - INFO - Chain [1] start processing
02:00:39 - cmdstanpy - INFO - Chain [1] done processing
02:00:40 - cmdstanpy - INFO - Chain [1] start processing
02:00:40 - cmdstanpy - INFO - Chain [1] done processing
02:00:40 - cmdstanpy - INFO - Chain [1] start processing
02:00:40 - cmdstanpy - INFO - Chain [1] done processing
02:00:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:40 - cmdstanpy - INFO - Chain [1] start processing
02:00:40 - cmdstanpy - INFO - Chain [1] done processing
02:00:41 - cmdstanpy - INFO - Chain [1] start processing
02:00:41 - cmdstanpy - INFO - Chain [1] done processing
02:00:41 - cmdstanpy - INFO - Chain [1] start processing
02:00:41 - cmdstanpy - INFO - Chain [1] done processing
02:00:41 - cmdstanpy - INFO - Chain [1] start processing
02:00:41 - cmdstanpy - INFO - Chain [1] done processing
02:00:42 - cmdstanpy - INFO - Chain [1] start processing
02:00:42 - cmdstanpy - INFO - Chain [1] done processing
02:00:42 - cmdstanpy - INFO - Chain [1] start processing
02:00:42 - cmdstanpy - INFO - Chain [1] done processing
02:00:42 - cmdstanpy - INFO - Chain [1] start processing
02:00:43 - cmdstanpy - INFO - Chain [1] done processing
02:00:43 - cmdstanpy - INFO - Chain [1] start processing
02:00:43 - cmdstanpy - INFO - Chain [1] done processing
02:00:43 - cmdstanpy - INFO - Chain [1] start processing
02:00:43 - cmdstanpy - INFO - Chain [1] done processing
02:00:44 - cmdstanpy - INFO - Chain [1] start processing
02:00:44 - cmdstanpy - INFO - Chain [1] done processing
02:00:44 - cmdstanpy - INFO - Chain [1] start processing
02:00:44 - cmdstanpy - INFO - Chain [1] done processing
02:00:44 - cmdstanpy - INFO - Chain [1] start processing
02:00:44 - cmdstanpy - INFO - Chain [1] done processing
02:00:45 - cmdstanpy - INFO - Chain [1] start processing
02:00:45 - cmdstanpy - INFO - Chain [1] done processing
02:00:45 - cmdstanpy - INFO - Chain [1] start processing
02:00:45 - cmdstanpy - INFO - Chain [1] done processing
02:00:46 - cmdstanpy - INFO - Chain [1] start processing
02:00:46 - cmdstanpy - INFO - Chain [1] done processing
02:00:46 - cmdstanpy - INFO - Chain [1] start processing
02:00:46 - cmdstanpy - INFO - Chain [1] done processing
02:00:46 - cmdstanpy - INFO - Chain [1] start processing
02:00:46 - cmdstanpy - INFO - Chain [1] done processing
02:00:47 - cmdstanpy - INFO - Chain [1] start processing
02:00:47 - cmdstanpy - INFO - Chain [1] done processing
02:00:47 - cmdstanpy - INFO - Chain [1] start processing
02:00:47 - cmdstanpy - INFO - Chain [1] done processing
02:00:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:00:47 - cmdstanpy - INFO - Chain [1] done processing
02:00:48 - cmdstanpy - INFO - Chain [1] start processing
02:00:48 - cmdstanpy - INFO - Chain [1] done processing
02:00:48 - cmdstanpy - INFO - Chain [1] start processing
02:00:48 - cmdstanpy - INFO - Chain [1] done processing
02:00:49 - cmdstanpy - INFO - Chain [1] start processing
02:00:49 - cmdstanpy - INFO - Chain [1] done processing
02:00:49 - cmdstanpy - INFO - Chain [1] start processing
02:00:49 - cmdstanpy - INFO - Chain [1] done processing
02:00:49 - cmdstanpy - INFO - Chain [1] start processing
02:00:49 - cmdstanpy - INFO - Chain [1] done processing
02:00:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:49 - cmdstanpy - INFO - Chain [1] start processing
02:00:50 - cmdstanpy - INFO - Chain [1] done processing
02:00:50 - cmdstanpy - INFO - Chain [1] start processing
02:00:50 - cmdstanpy - INFO - Chain [1] done processing
02:00:50 - cmdstanpy - INFO - Chain [1] start processing
02:00:50 - cmdstanpy - INFO - Chain [1] done processing
02:00:51 - cmdstanpy - INFO - Chain [1] start processing
02:00:51 - cmdstanpy - INFO - Chain [1] done processing
02:00:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:51 - cmdstanpy - INFO - Chain [1] start processing
02:00:51 - cmdstanpy - INFO - Chain [1] done processing
02:00:51 - cmdstanpy - INFO - Chain [1] start processing
02:00:52 - cmdstanpy - INFO - Chain [1] done processing
02:00:52 - cmdstanpy - INFO - Chain [1] start processing
02:00:52 - cmdstanpy - INFO - Chain [1] done processing
02:00:52 - cmdstanpy - INFO - Chain [1] start processing
02:00:52 - cmdstanpy - INFO - Chain [1] done processing
02:00:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:52 - cmdstanpy - INFO - Chain [1] start processing
02:00:53 - cmdstanpy - INFO - Chain [1] done processing
02:00:53 - cmdstanpy - INFO - Chain [1] start processing
02:00:53 - cmdstanpy - INFO - Chain [1] done processing
02:00:53 - cmdstanpy - INFO - Chain [1] start processing
02:00:53 - cmdstanpy - INFO - Chain [1] done processing
02:00:54 - cmdstanpy - INFO - Chain [1] start processing
02:00:54 - cmdstanpy - INFO - Chain [1] done processing
02:00:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:54 - cmdstanpy - INFO - Chain [1] start processing
02:00:54 - cmdstanpy - INFO - Chain [1] done processing
02:00:54 - cmdstanpy - INFO - Chain [1] start processing
02:00:54 - cmdstanpy - INFO - Chain [1] done processing
02:00:55 - cmdstanpy - INFO - Chain [1] start processing
02:00:55 - cmdstanpy - INFO - Chain [1] done processing
02:00:55 - cmdstanpy - INFO - Chain [1] start processing
02:00:55 - cmdstanpy - INFO - Chain [1] done processing
02:00:55 - cmdstanpy - INFO - Chain [1] start processing
02:00:56 - cmdstanpy - INFO - Chain [1] done processing
02:00:56 - cmdstanpy - INFO - Chain [1] start processing
02:00:56 - cmdstanpy - INFO - Chain [1] done processing
02:00:56 - cmdstanpy - INFO - Chain [1] start processing
02:00:56 - cmdstanpy - INFO - Chain [1] done processing
02:00:57 - cmdstanpy - INFO - Chain [1] start processing
02:00:57 - cmdstanpy - INFO - Chain [1] done processing
02:00:57 - cmdstanpy - INFO - Chain [1] start processing
02:00:57 - cmdstanpy - INFO - Chain [1] done processing
02:00:57 - cmdstanpy - INFO - Chain [1] start processing
02:00:57 - cmdstanpy - INFO - Chain [1] done processing
02:00:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:00:58 - cmdstanpy - INFO - Chain [1] done processing
02:00:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:00:58 - cmdstanpy - INFO - Chain [1] start processing
02:00:58 - cmdstanpy - INFO - Chain [1] done processing
02:00:58 - cmdstanpy - INFO - Chain [1] start processing
02:00:58 - cmdstanpy - INFO - Chain [1] done processing
02:00:59 - cmdstanpy - INFO - Chain [1] start processing
02:00:59 - cmdstanpy - INFO - Chain [1] done processing
02:00:59 - cmdstanpy - INFO - Chain [1] start processing
02:00:59 - cmdstanpy - INFO - Chain [1] done processing
02:01:00 - cmdstanpy - INFO - Chain [1] start processing
02:01:00 - cmdstanpy - INFO - Chain [1] done processing
02:01:00 - cmdstanpy - INFO - Chain [1] start processing
02:01:00 - cmdstanpy - INFO - Chain [1] done processing
02:01:00 - cmdstanpy - INFO - Chain [1] start processing
02:01:00 - cmdstanpy - INFO - Chain [1] done processing
02:01:01 - cmdstanpy - INFO - Chain [1] start processing
02:01:01 - cmdstanpy - INFO - Chain [1] done processing
02:01:01 - cmdstanpy - INFO - Chain [1] start processing
02:01:01 - cmdstanpy - INFO - Chain [1] done processing
02:01:01 - cmdstanpy - INFO - Chain [1] start processing
02:01:02 - cmdstanpy - INFO - Chain [1] done processing
02:01:02 - cmdstanpy - INFO - Chain [1] start processing
02:01:02 - cmdstanpy - INFO - Chain [1] done processing
02:01:03 - cmdstanpy - INFO - Chain [1] start processing
02:01:03 - cmdstanpy - INFO - Chain [1] done processing
02:01:03 - cmdstanpy - INFO - Chain [1] start processing
02:01:03 - cmdstanpy - INFO - Chain [1] done processing
02:01:04 - cmdstanpy - INFO - Chain [1] start processing
02:01:04 - cmdstanpy - INFO - Chain [1] done processing
02:01:04 - cmdstanpy - INFO - Chain [1] start processing
02:01:04 - cmdstanpy - INFO - Chain [1] done processing
02:01:04 - cmdstanpy - INFO - Chain [1] start processing
02:01:04 - cmdstanpy - INFO - Chain [1] done processing
02:01:05 - cmdstanpy - INFO - Chain [1] start processing
02:01:05 - cmdstanpy - INFO - Chain [1] done processing
02:01:05 - cmdstanpy - INFO - Chain [1] start processing
02:01:05 - cmdstanpy - INFO - Chain [1] done processing
02:01:06 - cmdstanpy - INFO - Chain [1] start processing
02:01:06 - cmdstanpy - INFO - Chain [1] done processing
02:01:06 - cmdstanpy - INFO - Chain [1] start processing
02:01:06 - cmdstanpy - INFO - Chain [1] done processing
02:01:06 - cmdstanpy - INFO - Chain [1] start processing
02:01:06 - cmdstanpy - INFO - Chain [1] done processing
02:01:07 - cmdstanpy - INFO - Chain [1] start processing
02:01:07 - cmdstanpy - INFO - Chain [1] done processing
02:01:07 - cmdstanpy - INFO - Chain [1] start processing
02:01:07 - cmdstanpy - INFO - Chain [1] done processing
02:01:08 - cmdstanpy - INFO - Chain [1] start processing
02:01:08 - cmdstanpy - INFO - Chain [1] done processing
02:01:08 - cmdstanpy - INFO - Chain [1] start processing
02:01:08 - cmdstanpy - INFO - Chain [1] done processing
02:01:08 - cmdstanpy - INFO - Chain [1] start processing
02:01:08 - cmdstanpy - INFO - Chain [1] done processing
02:01:09 - cmdstanpy - INFO - Chain [1] start processing
02:01:09 - cmdstanpy - INFO - Chain [1] done processing
02:01:09 - cmdstanpy - INFO - Chain [1] start processing
02:01:09 - cmdstanpy - INFO - Chain [1] done processing
02:01:10 - cmdstanpy - INFO - Chain [1] start processing
```

02:01:10 - cmdstanpy - INFO - Chain [1] done processing 02:01:10 - cmdstanpy - INFO - Chain [1] start processing 02:01:10 - cmdstanpy - INFO - Chain [1] done processing 02:01:10 - cmdstanpy - INFO - Chain [1] start processing

```
02:01:10 - cmdstanpy - INFO - Chain [1] done processing
02:01:11 - cmdstanpy - INFO - Chain [1] start processing
02:01:11 - cmdstanpy - INFO - Chain [1] done processing
02:01:11 - cmdstanpy - INFO - Chain [1] start processing
02:01:11 - cmdstanpy - INFO - Chain [1] done processing
02:01:12 - cmdstanpy - INFO - Chain [1] start processing
02:01:12 - cmdstanpy - INFO - Chain [1] done processing
02:01:12 - cmdstanpy - INFO - Chain [1] start processing
02:01:12 - cmdstanpy - INFO - Chain [1] done processing
02:01:12 - cmdstanpy - INFO - Chain [1] start processing
02:01:12 - cmdstanpy - INFO - Chain [1] done processing
02:01:13 - cmdstanpy - INFO - Chain [1] start processing
02:01:13 - cmdstanpy - INFO - Chain [1] done processing
02:01:13 - cmdstanpy - INFO - Chain [1] start processing
02:01:13 - cmdstanpy - INFO - Chain [1] done processing
02:01:14 - cmdstanpy - INFO - Chain [1] start processing
02:01:14 - cmdstanpy - INFO - Chain [1] done processing
02:01:14 - cmdstanpy - INFO - Chain [1] start processing
02:01:14 - cmdstanpy - INFO - Chain [1] done processing
02:01:14 - cmdstanpy - INFO - Chain [1] start processing
02:01:14 - cmdstanpy - INFO - Chain [1] done processing
02:01:15 - cmdstanpy - INFO - Chain [1] start processing
02:01:15 - cmdstanpy - INFO - Chain [1] done processing
02:01:15 - cmdstanpy - INFO - Chain [1] start processing
02:01:15 - cmdstanpy - INFO - Chain [1] done processing
02:01:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:01:15 - cmdstanpy - INFO - Chain [1] start processing
02:01:15 - cmdstanpy - INFO - Chain [1] done processing
02:01:16 - cmdstanpy - INFO - Chain [1] start processing
02:01:16 - cmdstanpy - INFO - Chain [1] done processing
02:01:16 - cmdstanpy - INFO - Chain [1] start processing
02:01:16 - cmdstanpy - INFO - Chain [1] done processing
02:01:17 - cmdstanpy - INFO - Chain [1] start processing
02:01:17 - cmdstanpy - INFO - Chain [1] done processing
02:01:17 - cmdstanpy - INFO - Chain [1] start processing
02:01:17 - cmdstanpy - INFO - Chain [1] done processing
02:01:17 - cmdstanpy - INFO - Chain [1] start processing
02:01:17 - cmdstanpy - INFO - Chain [1] done processing
02:01:18 - cmdstanpy - INFO - Chain [1] start processing
02:01:18 - cmdstanpy - INFO - Chain [1] done processing
02:01:18 - cmdstanpy - INFO - Chain [1] start processing
02:01:18 - cmdstanpy - INFO - Chain [1] done processing
02:01:19 - cmdstanpy - INFO - Chain [1] start processing
02:01:19 - cmdstanpy - INFO - Chain [1] done processing
02:01:19 - cmdstanpy - INFO - Chain [1] start processing
02:01:19 - cmdstanpy - INFO - Chain [1] done processing
02:01:19 - cmdstanpy - INFO - Chain [1] start processing
02:01:19 - cmdstanpy - INFO - Chain [1] done processing
02:01:20 - cmdstanpy - INFO - Chain [1] start processing
02:01:20 - cmdstanpy - INFO - Chain [1] done processing
02:01:20 - cmdstanpy - INFO - Chain [1] start processing
02:01:20 - cmdstanpy - INFO - Chain [1] done processing
02:01:21 - cmdstanpy - INFO - Chain [1] start processing
02:01:21 - cmdstanpy - INFO - Chain [1] done processing
02:01:21 - cmdstanpy - INFO - Chain [1] start processing
02:01:21 - cmdstanpy - INFO - Chain [1] done processing
02:01:21 - cmdstanpy - INFO - Chain [1] start processing
02:01:21 - cmdstanpy - INFO - Chain [1] done processing
02:01:22 - cmdstanpy - INFO - Chain [1] start processing
02:01:22 - cmdstanpy - INFO - Chain [1] done processing
02:01:22 - cmdstanpy - INFO - Chain [1] start processing
02:01:22 - cmdstanpy - INFO - Chain [1] done processing
02:01:23 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:01:23 - cmdstanpy - INFO - Chain [1] done processing
02:01:23 - cmdstanpy - INFO - Chain [1] start processing
02:01:23 - cmdstanpy - INFO - Chain [1] done processing
02:01:23 - cmdstanpy - INFO - Chain [1] start processing
02:01:23 - cmdstanpy - INFO - Chain [1] done processing
02:01:24 - cmdstanpy - INFO - Chain [1] start processing
02:01:24 - cmdstanpy - INFO - Chain [1] done processing
02:01:24 - cmdstanpy - INFO - Chain [1] start processing
02:01:24 - cmdstanpy - INFO - Chain [1] done processing
02:01:25 - cmdstanpy - INFO - Chain [1] start processing
02:01:25 - cmdstanpy - INFO - Chain [1] done processing
02:01:25 - cmdstanpy - INFO - Chain [1] start processing
02:01:25 - cmdstanpy - INFO - Chain [1] done processing
02:01:25 - cmdstanpy - INFO - Chain [1] start processing
02:01:26 - cmdstanpy - INFO - Chain [1] done processing
02:01:26 - cmdstanpy - INFO - Chain [1] start processing
02:01:26 - cmdstanpy - INFO - Chain [1] done processing
02:01:26 - cmdstanpy - INFO - Chain [1] start processing
02:01:26 - cmdstanpy - INFO - Chain [1] done processing
02:01:27 - cmdstanpy - INFO - Chain [1] start processing
02:01:27 - cmdstanpy - INFO - Chain [1] done processing
02:01:27 - cmdstanpy - INFO - Chain [1] start processing
02:01:27 - cmdstanpy - INFO - Chain [1] done processing
02:01:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:01:27 - cmdstanpy - INFO - Chain [1] start processing
02:01:28 - cmdstanpy - INFO - Chain [1] done processing
02:01:28 - cmdstanpy - INFO - Chain [1] start processing
02:01:28 - cmdstanpy - INFO - Chain [1] done processing
02:01:29 - cmdstanpy - INFO - Chain [1] start processing
02:01:29 - cmdstanpy - INFO - Chain [1] done processing
02:01:29 - cmdstanpy - INFO - Chain [1] start processing
02:01:29 - cmdstanpy - INFO - Chain [1] done processing
02:01:29 - cmdstanpy - INFO - Chain [1] start processing
02:01:29 - cmdstanpy - INFO - Chain [1] done processing
02:01:30 - cmdstanpy - INFO - Chain [1] start processing
02:01:30 - cmdstanpy - INFO - Chain [1] done processing
02:01:30 - cmdstanpy - INFO - Chain [1] start processing
02:01:30 - cmdstanpy - INFO - Chain [1] done processing
02:01:31 - cmdstanpy - INFO - Chain [1] start processing
02:01:31 - cmdstanpy - INFO - Chain [1] done processing
02:01:31 - cmdstanpy - INFO - Chain [1] start processing
02:01:31 - cmdstanpy - INFO - Chain [1] done processing
02:01:31 - cmdstanpy - INFO - Chain [1] start processing
02:01:31 - cmdstanpy - INFO - Chain [1] done processing
02:01:32 - cmdstanpy - INFO - Chain [1] start processing
02:01:32 - cmdstanpy - INFO - Chain [1] done processing
02:01:32 - cmdstanpy - INFO - Chain [1] start processing
02:01:32 - cmdstanpy - INFO - Chain [1] done processing
02:01:33 - cmdstanpy - INFO - Chain [1] start processing
02:01:33 - cmdstanpy - INFO - Chain [1] done processing
02:01:33 - cmdstanpy - INFO - Chain [1] start processing
02:01:33 - cmdstanpy - INFO - Chain [1] done processing
02:01:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:01:33 - cmdstanpy - INFO - Chain [1] start processing
02:01:33 - cmdstanpy - INFO - Chain [1] done processing
02:01:34 - cmdstanpy - INFO - Chain [1] start processing
02:01:34 - cmdstanpy - INFO - Chain [1] done processing
02:01:34 - cmdstanpy - INFO - Chain [1] start processing
02:01:34 - cmdstanpy - INFO - Chain [1] done processing
02:01:34 - cmdstanpy - INFO - Chain [1] start processing
02:01:34 - cmdstanpy - INFO - Chain [1] done processing
02:01:35 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:01:35 - cmdstanpy - INFO - Chain [1] done processing
02:01:35 - cmdstanpy - INFO - Chain [1] start processing
02:01:35 - cmdstanpy - INFO - Chain [1] done processing
02:01:36 - cmdstanpy - INFO - Chain [1] start processing
02:01:36 - cmdstanpy - INFO - Chain [1] done processing
02:01:36 - cmdstanpy - INFO - Chain [1] start processing
02:01:36 - cmdstanpy - INFO - Chain [1] done processing
02:01:36 - cmdstanpy - INFO - Chain [1] start processing
02:01:36 - cmdstanpy - INFO - Chain [1] done processing
02:01:37 - cmdstanpy - INFO - Chain [1] start processing
02:01:37 - cmdstanpy - INFO - Chain [1] done processing
02:01:37 - cmdstanpy - INFO - Chain [1] start processing
02:01:37 - cmdstanpy - INFO - Chain [1] done processing
02:01:38 - cmdstanpy - INFO - Chain [1] start processing
02:01:38 - cmdstanpy - INFO - Chain [1] done processing
02:01:38 - cmdstanpy - INFO - Chain [1] start processing
02:01:38 - cmdstanpy - INFO - Chain [1] done processing
02:01:38 - cmdstanpy - INFO - Chain [1] start processing
02:01:38 - cmdstanpy - INFO - Chain [1] done processing
02:01:39 - cmdstanpy - INFO - Chain [1] start processing
02:01:39 - cmdstanpy - INFO - Chain [1] done processing
02:01:39 - cmdstanpy - INFO - Chain [1] start processing
02:01:39 - cmdstanpy - INFO - Chain [1] done processing
02:01:39 - cmdstanpy - INFO - Chain [1] start processing
02:01:39 - cmdstanpy - INFO - Chain [1] done processing
02:01:40 - cmdstanpy - INFO - Chain [1] start processing
02:01:40 - cmdstanpy - INFO - Chain [1] done processing
02:01:40 - cmdstanpy - INFO - Chain [1] start processing
02:01:40 - cmdstanpy - INFO - Chain [1] done processing
02:01:41 - cmdstanpy - INFO - Chain [1] start processing
02:01:41 - cmdstanpy - INFO - Chain [1] done processing
02:01:41 - cmdstanpy - INFO - Chain [1] start processing
02:01:41 - cmdstanpy - INFO - Chain [1] done processing
02:01:41 - cmdstanpy - INFO - Chain [1] start processing
02:01:41 - cmdstanpy - INFO - Chain [1] done processing
02:01:42 - cmdstanpy - INFO - Chain [1] start processing
02:01:42 - cmdstanpy - INFO - Chain [1] done processing
02:01:42 - cmdstanpy - INFO - Chain [1] start processing
02:01:42 - cmdstanpy - INFO - Chain [1] done processing
02:01:43 - cmdstanpy - INFO - Chain [1] start processing
02:01:43 - cmdstanpy - INFO - Chain [1] done processing
02:01:43 - cmdstanpy - INFO - Chain [1] start processing
02:01:43 - cmdstanpy - INFO - Chain [1] done processing
02:01:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:01:43 - cmdstanpy - INFO - Chain [1] start processing
02:01:44 - cmdstanpy - INFO - Chain [1] done processing
02:01:44 - cmdstanpy - INFO - Chain [1] start processing
02:01:44 - cmdstanpy - INFO - Chain [1] done processing
02:01:44 - cmdstanpy - INFO - Chain [1] start processing
02:01:44 - cmdstanpy - INFO - Chain [1] done processing
02:01:45 - cmdstanpy - INFO - Chain [1] start processing
02:01:45 - cmdstanpy - INFO - Chain [1] done processing
02:01:45 - cmdstanpy - INFO - Chain [1] start processing
02:01:45 - cmdstanpy - INFO - Chain [1] done processing
02:01:45 - cmdstanpy - INFO - Chain [1] start processing
02:01:45 - cmdstanpy - INFO - Chain [1] done processing
02:01:46 - cmdstanpy - INFO - Chain [1] start processing
02:01:46 - cmdstanpy - INFO - Chain [1] done processing
02:01:46 - cmdstanpy - INFO - Chain [1] start processing
02:01:46 - cmdstanpy - INFO - Chain [1] done processing
02:01:47 - cmdstanpy - INFO - Chain [1] start processing
02:01:47 - cmdstanpy - INFO - Chain [1] done processing
02:01:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:01:47 - cmdstanpy - INFO - Chain [1] done processing
02:01:47 - cmdstanpy - INFO - Chain [1] start processing
02:01:47 - cmdstanpy - INFO - Chain [1] done processing
02:01:48 - cmdstanpy - INFO - Chain [1] start processing
02:01:48 - cmdstanpy - INFO - Chain [1] done processing
02:01:48 - cmdstanpy - INFO - Chain [1] start processing
02:01:48 - cmdstanpy - INFO - Chain [1] done processing
02:01:48 - cmdstanpy - INFO - Chain [1] start processing
02:01:48 - cmdstanpy - INFO - Chain [1] done processing
02:01:49 - cmdstanpy - INFO - Chain [1] start processing
02:01:49 - cmdstanpy - INFO - Chain [1] done processing
02:01:49 - cmdstanpy - INFO - Chain [1] start processing
02:01:49 - cmdstanpy - INFO - Chain [1] done processing
02:01:50 - cmdstanpy - INFO - Chain [1] start processing
02:01:50 - cmdstanpy - INFO - Chain [1] done processing
02:01:50 - cmdstanpy - INFO - Chain [1] start processing
02:01:50 - cmdstanpy - INFO - Chain [1] done processing
02:01:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:01:50 - cmdstanpy - INFO - Chain [1] start processing
02:01:50 - cmdstanpy - INFO - Chain [1] done processing
02:01:51 - cmdstanpy - INFO - Chain [1] start processing
02:01:51 - cmdstanpy - INFO - Chain [1] done processing
02:01:51 - cmdstanpy - INFO - Chain [1] start processing
02:01:51 - cmdstanpy - INFO - Chain [1] done processing
02:01:51 - cmdstanpy - INFO - Chain [1] start processing
02:01:51 - cmdstanpy - INFO - Chain [1] done processing
02:01:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:01:51 - cmdstanpy - INFO - Chain [1] start processing
02:01:52 - cmdstanpy - INFO - Chain [1] done processing
02:01:52 - cmdstanpy - INFO - Chain [1] start processing
02:01:52 - cmdstanpy - INFO - Chain [1] done processing
02:01:52 - cmdstanpy - INFO - Chain [1] start processing
02:01:52 - cmdstanpy - INFO - Chain [1] done processing
02:01:53 - cmdstanpy - INFO - Chain [1] start processing
02:01:53 - cmdstanpy - INFO - Chain [1] done processing
02:01:53 - cmdstanpy - INFO - Chain [1] start processing
02:01:53 - cmdstanpy - INFO - Chain [1] done processing
02:01:54 - cmdstanpy - INFO - Chain [1] start processing
02:01:54 - cmdstanpy - INFO - Chain [1] done processing
02:01:54 - cmdstanpy - INFO - Chain [1] start processing
02:01:54 - cmdstanpy - INFO - Chain [1] done processing
02:01:54 - cmdstanpy - INFO - Chain [1] start processing
02:01:54 - cmdstanpy - INFO - Chain [1] done processing
02:01:55 - cmdstanpy - INFO - Chain [1] start processing
02:01:55 - cmdstanpy - INFO - Chain [1] done processing
02:01:55 - cmdstanpy - INFO - Chain [1] start processing
02:01:55 - cmdstanpy - INFO - Chain [1] done processing
02:01:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:01:55 - cmdstanpy - INFO - Chain [1] start processing
02:01:55 - cmdstanpy - INFO - Chain [1] done processing
02:01:56 - cmdstanpy - INFO - Chain [1] start processing
02:01:56 - cmdstanpy - INFO - Chain [1] done processing
02:01:56 - cmdstanpy - INFO - Chain [1] start processing
02:01:56 - cmdstanpy - INFO - Chain [1] done processing
02:01:57 - cmdstanpy - INFO - Chain [1] start processing
02:01:57 - cmdstanpy - INFO - Chain [1] done processing
02:01:57 - cmdstanpy - INFO - Chain [1] start processing
02:01:57 - cmdstanpy - INFO - Chain [1] done processing
02:01:57 - cmdstanpy - INFO - Chain [1] start processing
02:01:57 - cmdstanpy - INFO - Chain [1] done processing
02:01:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:01:58 - cmdstanpy - INFO - Chain [1] done processing
02:01:58 - cmdstanpy - INFO - Chain [1] start processing
02:01:58 - cmdstanpy - INFO - Chain [1] done processing
02:01:58 - cmdstanpy - INFO - Chain [1] start processing
02:01:59 - cmdstanpy - INFO - Chain [1] done processing
02:01:59 - cmdstanpy - INFO - Chain [1] start processing
02:01:59 - cmdstanpy - INFO - Chain [1] done processing
02:01:59 - cmdstanpy - INFO - Chain [1] start processing
02:01:59 - cmdstanpy - INFO - Chain [1] done processing
02:01:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:01:59 - cmdstanpy - INFO - Chain [1] start processing
02:01:59 - cmdstanpy - INFO - Chain [1] done processing
02:02:00 - cmdstanpy - INFO - Chain [1] start processing
02:02:00 - cmdstanpy - INFO - Chain [1] done processing
02:02:00 - cmdstanpy - INFO - Chain [1] start processing
02:02:00 - cmdstanpy - INFO - Chain [1] done processing
02:02:01 - cmdstanpy - INFO - Chain [1] start processing
02:02:01 - cmdstanpy - INFO - Chain [1] done processing
02:02:01 - cmdstanpy - INFO - Chain [1] start processing
02:02:01 - cmdstanpy - INFO - Chain [1] done processing
02:02:01 - cmdstanpy - INFO - Chain [1] start processing
02:02:01 - cmdstanpy - INFO - Chain [1] done processing
02:02:02 - cmdstanpy - INFO - Chain [1] start processing
02:02:02 - cmdstanpy - INFO - Chain [1] done processing
02:02:02 - cmdstanpy - INFO - Chain [1] start processing
02:02:02 - cmdstanpy - INFO - Chain [1] done processing
02:02:02 - cmdstanpy - INFO - Chain [1] start processing
02:02:02 - cmdstanpy - INFO - Chain [1] done processing
02:02:03 - cmdstanpy - INFO - Chain [1] start processing
02:02:03 - cmdstanpy - INFO - Chain [1] done processing
02:02:03 - cmdstanpy - INFO - Chain [1] start processing
02:02:03 - cmdstanpy - INFO - Chain [1] done processing
02:02:03 - cmdstanpy - INFO - Chain [1] start processing
02:02:03 - cmdstanpy - INFO - Chain [1] done processing
02:02:04 - cmdstanpy - INFO - Chain [1] start processing
02:02:04 - cmdstanpy - INFO - Chain [1] done processing
02:02:04 - cmdstanpy - INFO - Chain [1] start processing
02:02:04 - cmdstanpy - INFO - Chain [1] done processing
02:02:04 - cmdstanpy - INFO - Chain [1] start processing
02:02:04 - cmdstanpy - INFO - Chain [1] done processing
02:02:05 - cmdstanpy - INFO - Chain [1] start processing
02:02:05 - cmdstanpy - INFO - Chain [1] done processing
02:02:05 - cmdstanpy - INFO - Chain [1] start processing
02:02:05 - cmdstanpy - INFO - Chain [1] done processing
02:02:05 - cmdstanpy - INFO - Chain [1] start processing
02:02:05 - cmdstanpy - INFO - Chain [1] done processing
02:02:06 - cmdstanpy - INFO - Chain [1] start processing
02:02:06 - cmdstanpy - INFO - Chain [1] done processing
02:02:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:06 - cmdstanpy - INFO - Chain [1] start processing
02:02:06 - cmdstanpy - INFO - Chain [1] done processing
02:02:06 - cmdstanpy - INFO - Chain [1] start processing
02:02:06 - cmdstanpy - INFO - Chain [1] done processing
02:02:07 - cmdstanpy - INFO - Chain [1] start processing
02:02:07 - cmdstanpy - INFO - Chain [1] done processing
02:02:07 - cmdstanpy - INFO - Chain [1] start processing
02:02:07 - cmdstanpy - INFO - Chain [1] done processing
02:02:07 - cmdstanpy - INFO - Chain [1] start processing
02:02:07 - cmdstanpy - INFO - Chain [1] done processing
02:02:08 - cmdstanpy - INFO - Chain [1] start processing
02:02:08 - cmdstanpy - INFO - Chain [1] done processing
02:02:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:02:08 - cmdstanpy - INFO - Chain [1] done processing
02:02:08 - cmdstanpy - INFO - Chain [1] start processing
02:02:08 - cmdstanpy - INFO - Chain [1] done processing
02:02:09 - cmdstanpy - INFO - Chain [1] start processing
02:02:09 - cmdstanpy - INFO - Chain [1] done processing
02:02:09 - cmdstanpy - INFO - Chain [1] start processing
02:02:09 - cmdstanpy - INFO - Chain [1] done processing
02:02:09 - cmdstanpy - INFO - Chain [1] start processing
02:02:09 - cmdstanpy - INFO - Chain [1] done processing
02:02:10 - cmdstanpy - INFO - Chain [1] start processing
02:02:10 - cmdstanpy - INFO - Chain [1] done processing
02:02:10 - cmdstanpy - INFO - Chain [1] start processing
02:02:10 - cmdstanpy - INFO - Chain [1] done processing
02:02:10 - cmdstanpy - INFO - Chain [1] start processing
02:02:11 - cmdstanpy - INFO - Chain [1] done processing
02:02:11 - cmdstanpy - INFO - Chain [1] start processing
02:02:11 - cmdstanpy - INFO - Chain [1] done processing
02:02:11 - cmdstanpy - INFO - Chain [1] start processing
02:02:11 - cmdstanpy - INFO - Chain [1] done processing
02:02:12 - cmdstanpy - INFO - Chain [1] start processing
02:02:12 - cmdstanpy - INFO - Chain [1] done processing
02:02:12 - cmdstanpy - INFO - Chain [1] start processing
02:02:12 - cmdstanpy - INFO - Chain [1] done processing
02:02:12 - cmdstanpy - INFO - Chain [1] start processing
02:02:12 - cmdstanpy - INFO - Chain [1] done processing
02:02:13 - cmdstanpy - INFO - Chain [1] start processing
02:02:13 - cmdstanpy - INFO - Chain [1] done processing
02:02:13 - cmdstanpy - INFO - Chain [1] start processing
02:02:13 - cmdstanpy - INFO - Chain [1] done processing
02:02:13 - cmdstanpy - INFO - Chain [1] start processing
02:02:14 - cmdstanpy - INFO - Chain [1] done processing
02:02:14 - cmdstanpy - INFO - Chain [1] start processing
02:02:14 - cmdstanpy - INFO - Chain [1] done processing
02:02:14 - cmdstanpy - INFO - Chain [1] start processing
02:02:14 - cmdstanpy - INFO - Chain [1] done processing
02:02:14 - cmdstanpy - INFO - Chain [1] start processing
02:02:15 - cmdstanpy - INFO - Chain [1] done processing
02:02:15 - cmdstanpy - INFO - Chain [1] start processing
02:02:15 - cmdstanpy - INFO - Chain [1] done processing
02:02:15 - cmdstanpy - INFO - Chain [1] start processing
02:02:15 - cmdstanpy - INFO - Chain [1] done processing
02:02:16 - cmdstanpy - INFO - Chain [1] start processing
02:02:16 - cmdstanpy - INFO - Chain [1] done processing
02:02:16 - cmdstanpy - INFO - Chain [1] start processing
02:02:16 - cmdstanpy - INFO - Chain [1] done processing
02:02:16 - cmdstanpy - INFO - Chain [1] start processing
02:02:16 - cmdstanpy - INFO - Chain [1] done processing
02:02:17 - cmdstanpy - INFO - Chain [1] start processing
02:02:17 - cmdstanpy - INFO - Chain [1] done processing
02:02:17 - cmdstanpy - INFO - Chain [1] start processing
02:02:17 - cmdstanpy - INFO - Chain [1] done processing
02:02:18 - cmdstanpy - INFO - Chain [1] start processing
02:02:18 - cmdstanpy - INFO - Chain [1] done processing
02:02:18 - cmdstanpy - INFO - Chain [1] start processing
02:02:18 - cmdstanpy - INFO - Chain [1] done processing
02:02:18 - cmdstanpy - INFO - Chain [1] start processing
02:02:18 - cmdstanpy - INFO - Chain [1] done processing
02:02:19 - cmdstanpy - INFO - Chain [1] start processing
02:02:19 - cmdstanpy - INFO - Chain [1] done processing
02:02:19 - cmdstanpy - INFO - Chain [1] start processing
02:02:19 - cmdstanpy - INFO - Chain [1] done processing
02:02:19 - cmdstanpy - INFO - Chain [1] start processing
02:02:20 - cmdstanpy - INFO - Chain [1] done processing
02:02:20 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:02:20 - cmdstanpy - INFO - Chain [1] done processing
02:02:20 - cmdstanpy - INFO - Chain [1] start processing
02:02:20 - cmdstanpy - INFO - Chain [1] done processing
02:02:21 - cmdstanpy - INFO - Chain [1] start processing
02:02:21 - cmdstanpy - INFO - Chain [1] done processing
02:02:21 - cmdstanpy - INFO - Chain [1] start processing
02:02:21 - cmdstanpy - INFO - Chain [1] done processing
02:02:21 - cmdstanpy - INFO - Chain [1] start processing
02:02:21 - cmdstanpy - INFO - Chain [1] done processing
02:02:22 - cmdstanpy - INFO - Chain [1] start processing
02:02:22 - cmdstanpy - INFO - Chain [1] done processing
02:02:22 - cmdstanpy - INFO - Chain [1] start processing
02:02:22 - cmdstanpy - INFO - Chain [1] done processing
02:02:22 - cmdstanpy - INFO - Chain [1] start processing
02:02:23 - cmdstanpy - INFO - Chain [1] done processing
02:02:23 - cmdstanpy - INFO - Chain [1] start processing
02:02:23 - cmdstanpy - INFO - Chain [1] done processing
02:02:23 - cmdstanpy - INFO - Chain [1] start processing
02:02:23 - cmdstanpy - INFO - Chain [1] done processing
02:02:24 - cmdstanpy - INFO - Chain [1] start processing
02:02:24 - cmdstanpy - INFO - Chain [1] done processing
02:02:24 - cmdstanpy - INFO - Chain [1] start processing
02:02:24 - cmdstanpy - INFO - Chain [1] done processing
02:02:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:24 - cmdstanpy - INFO - Chain [1] start processing
02:02:24 - cmdstanpy - INFO - Chain [1] done processing
02:02:25 - cmdstanpy - INFO - Chain [1] start processing
02:02:25 - cmdstanpy - INFO - Chain [1] done processing
02:02:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:25 - cmdstanpy - INFO - Chain [1] start processing
02:02:25 - cmdstanpy - INFO - Chain [1] done processing
02:02:25 - cmdstanpy - INFO - Chain [1] start processing
02:02:25 - cmdstanpy - INFO - Chain [1] done processing
02:02:26 - cmdstanpy - INFO - Chain [1] start processing
02:02:26 - cmdstanpy - INFO - Chain [1] done processing
02:02:26 - cmdstanpy - INFO - Chain [1] start processing
02:02:26 - cmdstanpy - INFO - Chain [1] done processing
02:02:26 - cmdstanpy - INFO - Chain [1] start processing
02:02:26 - cmdstanpy - INFO - Chain [1] done processing
02:02:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:26 - cmdstanpy - INFO - Chain [1] start processing
02:02:27 - cmdstanpy - INFO - Chain [1] done processing
02:02:27 - cmdstanpy - INFO - Chain [1] start processing
02:02:27 - cmdstanpy - INFO - Chain [1] done processing
02:02:27 - cmdstanpy - INFO - Chain [1] start processing
02:02:27 - cmdstanpy - INFO - Chain [1] done processing
02:02:28 - cmdstanpy - INFO - Chain [1] start processing
02:02:28 - cmdstanpy - INFO - Chain [1] done processing
02:02:28 - cmdstanpy - INFO - Chain [1] start processing
02:02:28 - cmdstanpy - INFO - Chain [1] done processing
02:02:28 - cmdstanpy - INFO - Chain [1] start processing
02:02:29 - cmdstanpy - INFO - Chain [1] done processing
02:02:29 - cmdstanpy - INFO - Chain [1] start processing
02:02:29 - cmdstanpy - INFO - Chain [1] done processing
02:02:29 - cmdstanpy - INFO - Chain [1] start processing
02:02:29 - cmdstanpy - INFO - Chain [1] done processing
02:02:30 - cmdstanpy - INFO - Chain [1] start processing
02:02:30 - cmdstanpy - INFO - Chain [1] done processing
02:02:30 - cmdstanpy - INFO - Chain [1] start processing
02:02:30 - cmdstanpy - INFO - Chain [1] done processing
02:02:30 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:02:30 - cmdstanpy - INFO - Chain [1] done processing
02:02:31 - cmdstanpy - INFO - Chain [1] start processing
02:02:31 - cmdstanpy - INFO - Chain [1] done processing
02:02:31 - cmdstanpy - INFO - Chain [1] start processing
02:02:31 - cmdstanpy - INFO - Chain [1] done processing
02:02:31 - cmdstanpy - INFO - Chain [1] start processing
02:02:32 - cmdstanpy - INFO - Chain [1] done processing
02:02:32 - cmdstanpy - INFO - Chain [1] start processing
02:02:32 - cmdstanpy - INFO - Chain [1] done processing
02:02:32 - cmdstanpy - INFO - Chain [1] start processing
02:02:32 - cmdstanpy - INFO - Chain [1] done processing
02:02:33 - cmdstanpy - INFO - Chain [1] start processing
02:02:33 - cmdstanpy - INFO - Chain [1] done processing
02:02:33 - cmdstanpy - INFO - Chain [1] start processing
02:02:33 - cmdstanpy - INFO - Chain [1] done processing
02:02:33 - cmdstanpy - INFO - Chain [1] start processing
02:02:33 - cmdstanpy - INFO - Chain [1] done processing
02:02:34 - cmdstanpy - INFO - Chain [1] start processing
02:02:34 - cmdstanpy - INFO - Chain [1] done processing
02:02:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:34 - cmdstanpy - INFO - Chain [1] start processing
02:02:34 - cmdstanpy - INFO - Chain [1] done processing
02:02:34 - cmdstanpy - INFO - Chain [1] start processing
02:02:34 - cmdstanpy - INFO - Chain [1] done processing
02:02:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:35 - cmdstanpy - INFO - Chain [1] start processing
02:02:35 - cmdstanpy - INFO - Chain [1] done processing
02:02:35 - cmdstanpy - INFO - Chain [1] start processing
02:02:35 - cmdstanpy - INFO - Chain [1] done processing
02:02:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:35 - cmdstanpy - INFO - Chain [1] start processing
02:02:35 - cmdstanpy - INFO - Chain [1] done processing
02:02:36 - cmdstanpy - INFO - Chain [1] start processing
02:02:36 - cmdstanpy - INFO - Chain [1] done processing
02:02:36 - cmdstanpy - INFO - Chain [1] start processing
02:02:36 - cmdstanpy - INFO - Chain [1] done processing
02:02:36 - cmdstanpy - INFO - Chain [1] start processing
02:02:36 - cmdstanpy - INFO - Chain [1] done processing
02:02:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:37 - cmdstanpy - INFO - Chain [1] start processing
02:02:37 - cmdstanpy - INFO - Chain [1] done processing
02:02:37 - cmdstanpy - INFO - Chain [1] start processing
02:02:37 - cmdstanpy - INFO - Chain [1] done processing
02:02:37 - cmdstanpy - INFO - Chain [1] start processing
02:02:37 - cmdstanpy - INFO - Chain [1] done processing
02:02:38 - cmdstanpy - INFO - Chain [1] start processing
02:02:38 - cmdstanpy - INFO - Chain [1] done processing
02:02:38 - cmdstanpy - INFO - Chain [1] start processing
02:02:38 - cmdstanpy - INFO - Chain [1] done processing
02:02:38 - cmdstanpy - INFO - Chain [1] start processing
02:02:39 - cmdstanpy - INFO - Chain [1] done processing
02:02:39 - cmdstanpy - INFO - Chain [1] start processing
02:02:39 - cmdstanpy - INFO - Chain [1] done processing
02:02:39 - cmdstanpy - INFO - Chain [1] start processing
02:02:39 - cmdstanpy - INFO - Chain [1] done processing
02:02:40 - cmdstanpy - INFO - Chain [1] start processing
02:02:40 - cmdstanpy - INFO - Chain [1] done processing
02:02:40 - cmdstanpy - INFO - Chain [1] start processing
02:02:40 - cmdstanpy - INFO - Chain [1] done processing
02:02:40 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:02:40 - cmdstanpy - INFO - Chain [1] done processing
02:02:41 - cmdstanpy - INFO - Chain [1] start processing
02:02:41 - cmdstanpy - INFO - Chain [1] done processing
02:02:41 - cmdstanpy - INFO - Chain [1] start processing
02:02:41 - cmdstanpy - INFO - Chain [1] done processing
02:02:42 - cmdstanpy - INFO - Chain [1] start processing
02:02:42 - cmdstanpy - INFO - Chain [1] done processing
02:02:42 - cmdstanpy - INFO - Chain [1] start processing
02:02:42 - cmdstanpy - INFO - Chain [1] done processing
02:02:42 - cmdstanpy - INFO - Chain [1] start processing
02:02:42 - cmdstanpy - INFO - Chain [1] done processing
02:02:43 - cmdstanpy - INFO - Chain [1] start processing
02:02:43 - cmdstanpy - INFO - Chain [1] done processing
02:02:43 - cmdstanpy - INFO - Chain [1] start processing
02:02:43 - cmdstanpy - INFO - Chain [1] done processing
02:02:43 - cmdstanpy - INFO - Chain [1] start processing
02:02:44 - cmdstanpy - INFO - Chain [1] done processing
02:02:44 - cmdstanpy - INFO - Chain [1] start processing
02:02:44 - cmdstanpy - INFO - Chain [1] done processing
02:02:44 - cmdstanpy - INFO - Chain [1] start processing
02:02:44 - cmdstanpy - INFO - Chain [1] done processing
02:02:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:44 - cmdstanpy - INFO - Chain [1] start processing
02:02:45 - cmdstanpy - INFO - Chain [1] done processing
02:02:45 - cmdstanpy - INFO - Chain [1] start processing
02:02:45 - cmdstanpy - INFO - Chain [1] done processing
02:02:45 - cmdstanpy - INFO - Chain [1] start processing
02:02:45 - cmdstanpy - INFO - Chain [1] done processing
02:02:46 - cmdstanpy - INFO - Chain [1] start processing
02:02:46 - cmdstanpy - INFO - Chain [1] done processing
02:02:46 - cmdstanpy - INFO - Chain [1] start processing
02:02:46 - cmdstanpy - INFO - Chain [1] done processing
02:02:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:46 - cmdstanpy - INFO - Chain [1] start processing
02:02:46 - cmdstanpy - INFO - Chain [1] done processing
02:02:47 - cmdstanpy - INFO - Chain [1] start processing
02:02:47 - cmdstanpy - INFO - Chain [1] done processing
02:02:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:47 - cmdstanpy - INFO - Chain [1] start processing
02:02:47 - cmdstanpy - INFO - Chain [1] done processing
02:02:47 - cmdstanpy - INFO - Chain [1] start processing
02:02:47 - cmdstanpy - INFO - Chain [1] done processing
02:02:48 - cmdstanpy - INFO - Chain [1] start processing
02:02:48 - cmdstanpy - INFO - Chain [1] done processing
02:02:48 - cmdstanpy - INFO - Chain [1] start processing
02:02:48 - cmdstanpy - INFO - Chain [1] done processing
02:02:48 - cmdstanpy - INFO - Chain [1] start processing
02:02:48 - cmdstanpy - INFO - Chain [1] done processing
02:02:49 - cmdstanpy - INFO - Chain [1] start processing
02:02:49 - cmdstanpy - INFO - Chain [1] done processing
02:02:49 - cmdstanpy - INFO - Chain [1] start processing
02:02:49 - cmdstanpy - INFO - Chain [1] done processing
02:02:49 - cmdstanpy - INFO - Chain [1] start processing
02:02:50 - cmdstanpy - INFO - Chain [1] done processing
02:02:50 - cmdstanpy - INFO - Chain [1] start processing
02:02:50 - cmdstanpy - INFO - Chain [1] done processing
02:02:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:50 - cmdstanpy - INFO - Chain [1] start processing
02:02:50 - cmdstanpy - INFO - Chain [1] done processing
02:02:51 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:02:51 - cmdstanpy - INFO - Chain [1] done processing
02:02:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:51 - cmdstanpy - INFO - Chain [1] start processing
02:02:51 - cmdstanpy - INFO - Chain [1] done processing
02:02:51 - cmdstanpy - INFO - Chain [1] start processing
02:02:51 - cmdstanpy - INFO - Chain [1] done processing
02:02:52 - cmdstanpy - INFO - Chain [1] start processing
02:02:52 - cmdstanpy - INFO - Chain [1] done processing
02:02:52 - cmdstanpy - INFO - Chain [1] start processing
02:02:52 - cmdstanpy - INFO - Chain [1] done processing
02:02:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:52 - cmdstanpy - INFO - Chain [1] start processing
02:02:52 - cmdstanpy - INFO - Chain [1] done processing
02:02:53 - cmdstanpy - INFO - Chain [1] start processing
02:02:53 - cmdstanpy - INFO - Chain [1] done processing
02:02:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:53 - cmdstanpy - INFO - Chain [1] start processing
02:02:53 - cmdstanpy - INFO - Chain [1] done processing
02:02:53 - cmdstanpy - INFO - Chain [1] start processing
02:02:53 - cmdstanpy - INFO - Chain [1] done processing
02:02:54 - cmdstanpy - INFO - Chain [1] start processing
02:02:54 - cmdstanpy - INFO - Chain [1] done processing
02:02:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:54 - cmdstanpy - INFO - Chain [1] start processing
02:02:54 - cmdstanpy - INFO - Chain [1] done processing
02:02:54 - cmdstanpy - INFO - Chain [1] start processing
02:02:54 - cmdstanpy - INFO - Chain [1] done processing
02:02:55 - cmdstanpy - INFO - Chain [1] start processing
02:02:55 - cmdstanpy - INFO - Chain [1] done processing
02:02:55 - cmdstanpy - INFO - Chain [1] start processing
02:02:55 - cmdstanpy - INFO - Chain [1] done processing
02:02:55 - cmdstanpy - INFO - Chain [1] start processing
02:02:56 - cmdstanpy - INFO - Chain [1] done processing
02:02:56 - cmdstanpy - INFO - Chain [1] start processing
02:02:56 - cmdstanpy - INFO - Chain [1] done processing
02:02:56 - cmdstanpy - INFO - Chain [1] start processing
02:02:56 - cmdstanpy - INFO - Chain [1] done processing
02:02:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:56 - cmdstanpy - INFO - Chain [1] start processing
02:02:56 - cmdstanpy - INFO - Chain [1] done processing
02:02:57 - cmdstanpy - INFO - Chain [1] start processing
02:02:57 - cmdstanpy - INFO - Chain [1] done processing
02:02:57 - cmdstanpy - INFO - Chain [1] start processing
02:02:57 - cmdstanpy - INFO - Chain [1] done processing
02:02:57 - cmdstanpy - INFO - Chain [1] start processing
02:02:58 - cmdstanpy - INFO - Chain [1] done processing
02:02:58 - cmdstanpy - INFO - Chain [1] start processing
02:02:58 - cmdstanpy - INFO - Chain [1] done processing
02:02:58 - cmdstanpy - INFO - Chain [1] start processing
02:02:58 - cmdstanpy - INFO - Chain [1] done processing
02:02:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:58 - cmdstanpy - INFO - Chain [1] start processing
02:02:59 - cmdstanpy - INFO - Chain [1] done processing
02:02:59 - cmdstanpy - INFO - Chain [1] start processing
02:02:59 - cmdstanpy - INFO - Chain [1] done processing
02:02:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:02:59 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:02:59 - cmdstanpy - INFO - Chain [1] done processing
02:03:00 - cmdstanpy - INFO - Chain [1] start processing
02:03:00 - cmdstanpy - INFO - Chain [1] done processing
02:03:00 - cmdstanpy - INFO - Chain [1] start processing
02:03:00 - cmdstanpy - INFO - Chain [1] done processing
02:03:00 - cmdstanpy - INFO - Chain [1] start processing
02:03:00 - cmdstanpy - INFO - Chain [1] done processing
02:03:01 - cmdstanpy - INFO - Chain [1] start processing
02:03:01 - cmdstanpy - INFO - Chain [1] done processing
02:03:01 - cmdstanpy - INFO - Chain [1] start processing
02:03:01 - cmdstanpy - INFO - Chain [1] done processing
02:03:01 - cmdstanpy - INFO - Chain [1] start processing
02:03:01 - cmdstanpy - INFO - Chain [1] done processing
02:03:02 - cmdstanpy - INFO - Chain [1] start processing
02:03:02 - cmdstanpy - INFO - Chain [1] done processing
02:03:02 - cmdstanpy - INFO - Chain [1] start processing
02:03:02 - cmdstanpy - INFO - Chain [1] done processing
02:03:03 - cmdstanpy - INFO - Chain [1] start processing
02:03:03 - cmdstanpy - INFO - Chain [1] done processing
02:03:03 - cmdstanpy - INFO - Chain [1] start processing
02:03:03 - cmdstanpy - INFO - Chain [1] done processing
02:03:04 - cmdstanpy - INFO - Chain [1] start processing
02:03:04 - cmdstanpy - INFO - Chain [1] done processing
02:03:04 - cmdstanpy - INFO - Chain [1] start processing
02:03:04 - cmdstanpy - INFO - Chain [1] done processing
02:03:04 - cmdstanpy - INFO - Chain [1] start processing
02:03:05 - cmdstanpy - INFO - Chain [1] done processing
02:03:05 - cmdstanpy - INFO - Chain [1] start processing
02:03:05 - cmdstanpy - INFO - Chain [1] done processing
02:03:05 - cmdstanpy - INFO - Chain [1] start processing
02:03:05 - cmdstanpy - INFO - Chain [1] done processing
02:03:06 - cmdstanpy - INFO - Chain [1] start processing
02:03:06 - cmdstanpy - INFO - Chain [1] done processing
02:03:06 - cmdstanpy - INFO - Chain [1] start processing
02:03:06 - cmdstanpy - INFO - Chain [1] done processing
02:03:06 - cmdstanpy - INFO - Chain [1] start processing
02:03:06 - cmdstanpy - INFO - Chain [1] done processing
02:03:07 - cmdstanpy - INFO - Chain [1] start processing
02:03:07 - cmdstanpy - INFO - Chain [1] done processing
02:03:07 - cmdstanpy - INFO - Chain [1] start processing
02:03:07 - cmdstanpy - INFO - Chain [1] done processing
02:03:08 - cmdstanpy - INFO - Chain [1] start processing
02:03:08 - cmdstanpy - INFO - Chain [1] done processing
02:03:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:08 - cmdstanpy - INFO - Chain [1] start processing
02:03:08 - cmdstanpy - INFO - Chain [1] done processing
02:03:08 - cmdstanpy - INFO - Chain [1] start processing
02:03:08 - cmdstanpy - INFO - Chain [1] done processing
02:03:09 - cmdstanpy - INFO - Chain [1] start processing
02:03:09 - cmdstanpy - INFO - Chain [1] done processing
02:03:09 - cmdstanpy - INFO - Chain [1] start processing
02:03:09 - cmdstanpy - INFO - Chain [1] done processing
02:03:09 - cmdstanpy - INFO - Chain [1] start processing
02:03:09 - cmdstanpy - INFO - Chain [1] done processing
02:03:10 - cmdstanpy - INFO - Chain [1] start processing
02:03:10 - cmdstanpy - INFO - Chain [1] done processing
02:03:10 - cmdstanpy - INFO - Chain [1] start processing
02:03:10 - cmdstanpy - INFO - Chain [1] done processing
02:03:11 - cmdstanpy - INFO - Chain [1] start processing
02:03:11 - cmdstanpy - INFO - Chain [1] done processing
02:03:11 - cmdstanpy - INFO - Chain [1] start processing
02:03:11 - cmdstanpy - INFO - Chain [1] done processing
02:03:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:03:11 - cmdstanpy - INFO - Chain [1] start processing
02:03:11 - cmdstanpy - INFO - Chain [1] done processing
02:03:12 - cmdstanpy - INFO - Chain [1] start processing
02:03:12 - cmdstanpy - INFO - Chain [1] done processing
02:03:12 - cmdstanpy - INFO - Chain [1] start processing
02:03:12 - cmdstanpy - INFO - Chain [1] done processing
02:03:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:12 - cmdstanpy - INFO - Chain [1] start processing
02:03:12 - cmdstanpy - INFO - Chain [1] done processing
02:03:13 - cmdstanpy - INFO - Chain [1] start processing
02:03:13 - cmdstanpy - INFO - Chain [1] done processing
02:03:13 - cmdstanpy - INFO - Chain [1] start processing
02:03:13 - cmdstanpy - INFO - Chain [1] done processing
02:03:13 - cmdstanpy - INFO - Chain [1] start processing
02:03:13 - cmdstanpy - INFO - Chain [1] done processing
02:03:14 - cmdstanpy - INFO - Chain [1] start processing
02:03:14 - cmdstanpy - INFO - Chain [1] done processing
02:03:14 - cmdstanpy - INFO - Chain [1] start processing
02:03:14 - cmdstanpy - INFO - Chain [1] done processing
02:03:14 - cmdstanpy - INFO - Chain [1] start processing
02:03:15 - cmdstanpy - INFO - Chain [1] done processing
02:03:15 - cmdstanpy - INFO - Chain [1] start processing
02:03:15 - cmdstanpy - INFO - Chain [1] done processing
02:03:15 - cmdstanpy - INFO - Chain [1] start processing
02:03:15 - cmdstanpy - INFO - Chain [1] done processing
02:03:16 - cmdstanpy - INFO - Chain [1] start processing
02:03:16 - cmdstanpy - INFO - Chain [1] done processing
02:03:16 - cmdstanpy - INFO - Chain [1] start processing
02:03:16 - cmdstanpy - INFO - Chain [1] done processing
02:03:17 - cmdstanpy - INFO - Chain [1] start processing
02:03:17 - cmdstanpy - INFO - Chain [1] done processing
02:03:17 - cmdstanpy - INFO - Chain [1] start processing
02:03:17 - cmdstanpy - INFO - Chain [1] done processing
02:03:17 - cmdstanpy - INFO - Chain [1] start processing
02:03:17 - cmdstanpy - INFO - Chain [1] done processing
02:03:18 - cmdstanpy - INFO - Chain [1] start processing
02:03:18 - cmdstanpy - INFO - Chain [1] done processing
02:03:18 - cmdstanpy - INFO - Chain [1] start processing
02:03:18 - cmdstanpy - INFO - Chain [1] done processing
02:03:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:18 - cmdstanpy - INFO - Chain [1] start processing
02:03:19 - cmdstanpy - INFO - Chain [1] done processing
02:03:19 - cmdstanpy - INFO - Chain [1] start processing
02:03:19 - cmdstanpy - INFO - Chain [1] done processing
02:03:19 - cmdstanpy - INFO - Chain [1] start processing
02:03:19 - cmdstanpy - INFO - Chain [1] done processing
02:03:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:19 - cmdstanpy - INFO - Chain [1] start processing
02:03:20 - cmdstanpy - INFO - Chain [1] done processing
02:03:20 - cmdstanpy - INFO - Chain [1] start processing
02:03:20 - cmdstanpy - INFO - Chain [1] done processing
02:03:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:20 - cmdstanpy - INFO - Chain [1] start processing
02:03:20 - cmdstanpy - INFO - Chain [1] done processing
02:03:21 - cmdstanpy - INFO - Chain [1] start processing
02:03:21 - cmdstanpy - INFO - Chain [1] done processing
02:03:21 - cmdstanpy - INFO - Chain [1] start processing
02:03:21 - cmdstanpy - INFO - Chain [1] done processing
02:03:21 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:03:21 - cmdstanpy - INFO - Chain [1] done processing
02:03:22 - cmdstanpy - INFO - Chain [1] start processing
02:03:22 - cmdstanpy - INFO - Chain [1] done processing
02:03:22 - cmdstanpy - INFO - Chain [1] start processing
02:03:22 - cmdstanpy - INFO - Chain [1] done processing
02:03:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:22 - cmdstanpy - INFO - Chain [1] start processing
02:03:22 - cmdstanpy - INFO - Chain [1] done processing
02:03:23 - cmdstanpy - INFO - Chain [1] start processing
02:03:23 - cmdstanpy - INFO - Chain [1] done processing
02:03:23 - cmdstanpy - INFO - Chain [1] start processing
02:03:23 - cmdstanpy - INFO - Chain [1] done processing
02:03:23 - cmdstanpy - INFO - Chain [1] start processing
02:03:23 - cmdstanpy - INFO - Chain [1] done processing
02:03:24 - cmdstanpy - INFO - Chain [1] start processing
02:03:24 - cmdstanpy - INFO - Chain [1] done processing
02:03:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:24 - cmdstanpy - INFO - Chain [1] start processing
02:03:24 - cmdstanpy - INFO - Chain [1] done processing
02:03:24 - cmdstanpy - INFO - Chain [1] start processing
02:03:24 - cmdstanpy - INFO - Chain [1] done processing
02:03:25 - cmdstanpy - INFO - Chain [1] start processing
02:03:25 - cmdstanpy - INFO - Chain [1] done processing
02:03:25 - cmdstanpy - INFO - Chain [1] start processing
02:03:25 - cmdstanpy - INFO - Chain [1] done processing
02:03:25 - cmdstanpy - INFO - Chain [1] start processing
02:03:25 - cmdstanpy - INFO - Chain [1] done processing
02:03:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:25 - cmdstanpy - INFO - Chain [1] start processing
02:03:26 - cmdstanpy - INFO - Chain [1] done processing
02:03:26 - cmdstanpy - INFO - Chain [1] start processing
02:03:26 - cmdstanpy - INFO - Chain [1] done processing
02:03:26 - cmdstanpy - INFO - Chain [1] start processing
02:03:27 - cmdstanpy - INFO - Chain [1] done processing
02:03:27 - cmdstanpy - INFO - Chain [1] start processing
02:03:27 - cmdstanpy - INFO - Chain [1] done processing
02:03:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:27 - cmdstanpy - INFO - Chain [1] start processing
02:03:27 - cmdstanpy - INFO - Chain [1] done processing
02:03:27 - cmdstanpy - INFO - Chain [1] start processing
02:03:27 - cmdstanpy - INFO - Chain [1] done processing
02:03:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:28 - cmdstanpy - INFO - Chain [1] start processing
02:03:28 - cmdstanpy - INFO - Chain [1] done processing
02:03:28 - cmdstanpy - INFO - Chain [1] start processing
02:03:28 - cmdstanpy - INFO - Chain [1] done processing
02:03:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:28 - cmdstanpy - INFO - Chain [1] start processing
02:03:28 - cmdstanpy - INFO - Chain [1] done processing
02:03:29 - cmdstanpy - INFO - Chain [1] start processing
02:03:29 - cmdstanpy - INFO - Chain [1] done processing
02:03:29 - cmdstanpy - INFO - Chain [1] start processing
02:03:29 - cmdstanpy - INFO - Chain [1] done processing
02:03:30 - cmdstanpy - INFO - Chain [1] start processing
02:03:30 - cmdstanpy - INFO - Chain [1] done processing
02:03:30 - cmdstanpy - INFO - Chain [1] start processing
02:03:30 - cmdstanpy - INFO - Chain [1] done processing
02:03:30 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:03:30 - cmdstanpy - INFO - Chain [1] done processing
02:03:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:30 - cmdstanpy - INFO - Chain [1] start processing
02:03:30 - cmdstanpy - INFO - Chain [1] done processing
02:03:31 - cmdstanpy - INFO - Chain [1] start processing
02:03:31 - cmdstanpy - INFO - Chain [1] done processing
02:03:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:31 - cmdstanpy - INFO - Chain [1] start processing
02:03:31 - cmdstanpy - INFO - Chain [1] done processing
02:03:31 - cmdstanpy - INFO - Chain [1] start processing
02:03:31 - cmdstanpy - INFO - Chain [1] done processing
02:03:32 - cmdstanpy - INFO - Chain [1] start processing
02:03:32 - cmdstanpy - INFO - Chain [1] done processing
02:03:32 - cmdstanpy - INFO - Chain [1] start processing
02:03:32 - cmdstanpy - INFO - Chain [1] done processing
02:03:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:32 - cmdstanpy - INFO - Chain [1] start processing
02:03:32 - cmdstanpy - INFO - Chain [1] done processing
02:03:33 - cmdstanpy - INFO - Chain [1] start processing
02:03:33 - cmdstanpy - INFO - Chain [1] done processing
02:03:33 - cmdstanpy - INFO - Chain [1] start processing
02:03:33 - cmdstanpy - INFO - Chain [1] done processing
02:03:34 - cmdstanpy - INFO - Chain [1] start processing
02:03:34 - cmdstanpy - INFO - Chain [1] done processing
02:03:34 - cmdstanpy - INFO - Chain [1] start processing
02:03:34 - cmdstanpy - INFO - Chain [1] done processing
02:03:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:34 - cmdstanpy - INFO - Chain [1] start processing
02:03:34 - cmdstanpy - INFO - Chain [1] done processing
02:03:35 - cmdstanpy - INFO - Chain [1] start processing
02:03:35 - cmdstanpy - INFO - Chain [1] done processing
02:03:35 - cmdstanpy - INFO - Chain [1] start processing
02:03:35 - cmdstanpy - INFO - Chain [1] done processing
02:03:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:35 - cmdstanpy - INFO - Chain [1] start processing
02:03:35 - cmdstanpy - INFO - Chain [1] done processing
02:03:36 - cmdstanpy - INFO - Chain [1] start processing
02:03:36 - cmdstanpy - INFO - Chain [1] done processing
02:03:36 - cmdstanpy - INFO - Chain [1] start processing
02:03:36 - cmdstanpy - INFO - Chain [1] done processing
02:03:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:36 - cmdstanpy - INFO - Chain [1] start processing
02:03:36 - cmdstanpy - INFO - Chain [1] done processing
02:03:37 - cmdstanpy - INFO - Chain [1] start processing
02:03:37 - cmdstanpy - INFO - Chain [1] done processing
02:03:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:37 - cmdstanpy - INFO - Chain [1] start processing
02:03:37 - cmdstanpy - INFO - Chain [1] done processing
02:03:37 - cmdstanpy - INFO - Chain [1] start processing
02:03:37 - cmdstanpy - INFO - Chain [1] done processing
02:03:38 - cmdstanpy - INFO - Chain [1] start processing
02:03:38 - cmdstanpy - INFO - Chain [1] done processing
02:03:38 - cmdstanpy - INFO - Chain [1] start processing
02:03:38 - cmdstanpy - INFO - Chain [1] done processing
02:03:38 - cmdstanpy - INFO - Chain [1] start processing
02:03:38 - cmdstanpy - INFO - Chain [1] done processing
02:03:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:03:39 - cmdstanpy - INFO - Chain [1] done processing
02:03:39 - cmdstanpy - INFO - Chain [1] start processing
02:03:39 - cmdstanpy - INFO - Chain [1] done processing
02:03:39 - cmdstanpy - INFO - Chain [1] start processing
02:03:39 - cmdstanpy - INFO - Chain [1] done processing
02:03:40 - cmdstanpy - INFO - Chain [1] start processing
02:03:40 - cmdstanpy - INFO - Chain [1] done processing
02:03:40 - cmdstanpy - INFO - Chain [1] start processing
02:03:40 - cmdstanpy - INFO - Chain [1] done processing
02:03:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:40 - cmdstanpy - INFO - Chain [1] start processing
02:03:41 - cmdstanpy - INFO - Chain [1] done processing
02:03:41 - cmdstanpy - INFO - Chain [1] start processing
02:03:41 - cmdstanpy - INFO - Chain [1] done processing
02:03:41 - cmdstanpy - INFO - Chain [1] start processing
02:03:41 - cmdstanpy - INFO - Chain [1] done processing
02:03:42 - cmdstanpy - INFO - Chain [1] start processing
02:03:42 - cmdstanpy - INFO - Chain [1] done processing
02:03:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:42 - cmdstanpy - INFO - Chain [1] start processing
02:03:42 - cmdstanpy - INFO - Chain [1] done processing
02:03:43 - cmdstanpy - INFO - Chain [1] start processing
02:03:43 - cmdstanpy - INFO - Chain [1] done processing
02:03:43 - cmdstanpy - INFO - Chain [1] start processing
02:03:43 - cmdstanpy - INFO - Chain [1] done processing
02:03:43 - cmdstanpy - INFO - Chain [1] start processing
02:03:43 - cmdstanpy - INFO - Chain [1] done processing
02:03:44 - cmdstanpy - INFO - Chain [1] start processing
02:03:44 - cmdstanpy - INFO - Chain [1] done processing
02:03:44 - cmdstanpy - INFO - Chain [1] start processing
02:03:44 - cmdstanpy - INFO - Chain [1] done processing
02:03:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:44 - cmdstanpy - INFO - Chain [1] start processing
02:03:44 - cmdstanpy - INFO - Chain [1] done processing
02:03:45 - cmdstanpy - INFO - Chain [1] start processing
02:03:45 - cmdstanpy - INFO - Chain [1] done processing
02:03:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:45 - cmdstanpy - INFO - Chain [1] start processing
02:03:45 - cmdstanpy - INFO - Chain [1] done processing
02:03:45 - cmdstanpy - INFO - Chain [1] start processing
02:03:45 - cmdstanpy - INFO - Chain [1] done processing
02:03:46 - cmdstanpy - INFO - Chain [1] start processing
02:03:46 - cmdstanpy - INFO - Chain [1] done processing
02:03:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:46 - cmdstanpy - INFO - Chain [1] start processing
02:03:46 - cmdstanpy - INFO - Chain [1] done processing
02:03:46 - cmdstanpy - INFO - Chain [1] start processing
02:03:46 - cmdstanpy - INFO - Chain [1] done processing
02:03:47 - cmdstanpy - INFO - Chain [1] start processing
02:03:47 - cmdstanpy - INFO - Chain [1] done processing
02:03:47 - cmdstanpy - INFO - Chain [1] start processing
02:03:47 - cmdstanpy - INFO - Chain [1] done processing
02:03:48 - cmdstanpy - INFO - Chain [1] start processing
02:03:48 - cmdstanpy - INFO - Chain [1] done processing
02:03:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:48 - cmdstanpy - INFO - Chain [1] start processing
02:03:48 - cmdstanpy - INFO - Chain [1] done processing
02:03:48 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:03:48 - cmdstanpy - INFO - Chain [1] done processing
02:03:49 - cmdstanpy - INFO - Chain [1] start processing
02:03:49 - cmdstanpy - INFO - Chain [1] done processing
02:03:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:49 - cmdstanpy - INFO - Chain [1] start processing
02:03:49 - cmdstanpy - INFO - Chain [1] done processing
02:03:49 - cmdstanpy - INFO - Chain [1] start processing
02:03:49 - cmdstanpy - INFO - Chain [1] done processing
02:03:50 - cmdstanpy - INFO - Chain [1] start processing
02:03:50 - cmdstanpy - INFO - Chain [1] done processing
02:03:50 - cmdstanpy - INFO - Chain [1] start processing
02:03:50 - cmdstanpy - INFO - Chain [1] done processing
02:03:51 - cmdstanpy - INFO - Chain [1] start processing
02:03:51 - cmdstanpy - INFO - Chain [1] done processing
02:03:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:51 - cmdstanpy - INFO - Chain [1] start processing
02:03:51 - cmdstanpy - INFO - Chain [1] done processing
02:03:51 - cmdstanpy - INFO - Chain [1] start processing
02:03:51 - cmdstanpy - INFO - Chain [1] done processing
02:03:52 - cmdstanpy - INFO - Chain [1] start processing
02:03:52 - cmdstanpy - INFO - Chain [1] done processing
02:03:52 - cmdstanpy - INFO - Chain [1] start processing
02:03:52 - cmdstanpy - INFO - Chain [1] done processing
02:03:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:52 - cmdstanpy - INFO - Chain [1] start processing
02:03:52 - cmdstanpy - INFO - Chain [1] done processing
02:03:53 - cmdstanpy - INFO - Chain [1] start processing
02:03:53 - cmdstanpy - INFO - Chain [1] done processing
02:03:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:53 - cmdstanpy - INFO - Chain [1] start processing
02:03:53 - cmdstanpy - INFO - Chain [1] done processing
02:03:53 - cmdstanpy - INFO - Chain [1] start processing
02:03:53 - cmdstanpy - INFO - Chain [1] done processing
02:03:54 - cmdstanpy - INFO - Chain [1] start processing
02:03:54 - cmdstanpy - INFO - Chain [1] done processing
02:03:54 - cmdstanpy - INFO - Chain [1] start processing
02:03:54 - cmdstanpy - INFO - Chain [1] done processing
02:03:55 - cmdstanpy - INFO - Chain [1] start processing
02:03:55 - cmdstanpy - INFO - Chain [1] done processing
02:03:55 - cmdstanpy - INFO - Chain [1] start processing
02:03:55 - cmdstanpy - INFO - Chain [1] done processing
02:03:55 - cmdstanpy - INFO - Chain [1] start processing
02:03:55 - cmdstanpy - INFO - Chain [1] done processing
02:03:56 - cmdstanpy - INFO - Chain [1] start processing
02:03:56 - cmdstanpy - INFO - Chain [1] done processing
02:03:56 - cmdstanpy - INFO - Chain [1] start processing
02:03:56 - cmdstanpy - INFO - Chain [1] done processing
02:03:56 - cmdstanpy - INFO - Chain [1] start processing
02:03:56 - cmdstanpy - INFO - Chain [1] done processing
02:03:57 - cmdstanpy - INFO - Chain [1] start processing
02:03:57 - cmdstanpy - INFO - Chain [1] done processing
02:03:57 - cmdstanpy - INFO - Chain [1] start processing
02:03:57 - cmdstanpy - INFO - Chain [1] done processing
02:03:58 - cmdstanpy - INFO - Chain [1] start processing
02:03:58 - cmdstanpy - INFO - Chain [1] done processing
02:03:58 - cmdstanpy - INFO - Chain [1] start processing
02:03:58 - cmdstanpy - INFO - Chain [1] done processing
02:03:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:03:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:03:58 - cmdstanpy - INFO - Chain [1] done processing
02:03:59 - cmdstanpy - INFO - Chain [1] start processing
02:03:59 - cmdstanpy - INFO - Chain [1] done processing
02:03:59 - cmdstanpy - INFO - Chain [1] start processing
02:03:59 - cmdstanpy - INFO - Chain [1] done processing
02:03:59 - cmdstanpy - INFO - Chain [1] start processing
02:03:59 - cmdstanpy - INFO - Chain [1] done processing
02:04:00 - cmdstanpy - INFO - Chain [1] start processing
02:04:00 - cmdstanpy - INFO - Chain [1] done processing
02:04:00 - cmdstanpy - INFO - Chain [1] start processing
02:04:00 - cmdstanpy - INFO - Chain [1] done processing
02:04:01 - cmdstanpy - INFO - Chain [1] start processing
02:04:01 - cmdstanpy - INFO - Chain [1] done processing
02:04:01 - cmdstanpy - INFO - Chain [1] start processing
02:04:01 - cmdstanpy - INFO - Chain [1] done processing
02:04:01 - cmdstanpy - INFO - Chain [1] start processing
02:04:01 - cmdstanpy - INFO - Chain [1] done processing
02:04:02 - cmdstanpy - INFO - Chain [1] start processing
02:04:02 - cmdstanpy - INFO - Chain [1] done processing
02:04:02 - cmdstanpy - INFO - Chain [1] start processing
02:04:02 - cmdstanpy - INFO - Chain [1] done processing
02:04:03 - cmdstanpy - INFO - Chain [1] start processing
02:04:03 - cmdstanpy - INFO - Chain [1] done processing
02:04:03 - cmdstanpy - INFO - Chain [1] start processing
02:04:03 - cmdstanpy - INFO - Chain [1] done processing
02:04:03 - cmdstanpy - INFO - Chain [1] start processing
02:04:03 - cmdstanpy - INFO - Chain [1] done processing
02:04:04 - cmdstanpy - INFO - Chain [1] start processing
02:04:04 - cmdstanpy - INFO - Chain [1] done processing
02:04:04 - cmdstanpy - INFO - Chain [1] start processing
02:04:04 - cmdstanpy - INFO - Chain [1] done processing
02:04:05 - cmdstanpy - INFO - Chain [1] start processing
02:04:05 - cmdstanpy - INFO - Chain [1] done processing
02:04:05 - cmdstanpy - INFO - Chain [1] start processing
02:04:05 - cmdstanpy - INFO - Chain [1] done processing
02:04:05 - cmdstanpy - INFO - Chain [1] start processing
02:04:05 - cmdstanpy - INFO - Chain [1] done processing
02:04:06 - cmdstanpy - INFO - Chain [1] start processing
02:04:06 - cmdstanpy - INFO - Chain [1] done processing
02:04:06 - cmdstanpy - INFO - Chain [1] start processing
02:04:06 - cmdstanpy - INFO - Chain [1] done processing
02:04:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:06 - cmdstanpy - INFO - Chain [1] start processing
02:04:06 - cmdstanpy - INFO - Chain [1] done processing
02:04:07 - cmdstanpy - INFO - Chain [1] start processing
02:04:07 - cmdstanpy - INFO - Chain [1] done processing
02:04:07 - cmdstanpy - INFO - Chain [1] start processing
02:04:07 - cmdstanpy - INFO - Chain [1] done processing
02:04:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:07 - cmdstanpy - INFO - Chain [1] start processing
02:04:07 - cmdstanpy - INFO - Chain [1] done processing
02:04:08 - cmdstanpy - INFO - Chain [1] start processing
02:04:08 - cmdstanpy - INFO - Chain [1] done processing
02:04:08 - cmdstanpy - INFO - Chain [1] start processing
02:04:08 - cmdstanpy - INFO - Chain [1] done processing
02:04:09 - cmdstanpy - INFO - Chain [1] start processing
02:04:09 - cmdstanpy - INFO - Chain [1] done processing
02:04:09 - cmdstanpy - INFO - Chain [1] start processing
02:04:09 - cmdstanpy - INFO - Chain [1] done processing
02:04:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:09 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:04:09 - cmdstanpy - INFO - Chain [1] done processing
02:04:09 - cmdstanpy - INFO - Chain [1] start processing
02:04:10 - cmdstanpy - INFO - Chain [1] done processing
02:04:10 - cmdstanpy - INFO - Chain [1] start processing
02:04:10 - cmdstanpy - INFO - Chain [1] done processing
02:04:10 - cmdstanpy - INFO - Chain [1] start processing
02:04:10 - cmdstanpy - INFO - Chain [1] done processing
02:04:11 - cmdstanpy - INFO - Chain [1] start processing
02:04:11 - cmdstanpy - INFO - Chain [1] done processing
02:04:11 - cmdstanpy - INFO - Chain [1] start processing
02:04:11 - cmdstanpy - INFO - Chain [1] done processing
02:04:11 - cmdstanpy - INFO - Chain [1] start processing
02:04:12 - cmdstanpy - INFO - Chain [1] done processing
02:04:12 - cmdstanpy - INFO - Chain [1] start processing
02:04:12 - cmdstanpy - INFO - Chain [1] done processing
02:04:12 - cmdstanpy - INFO - Chain [1] start processing
02:04:12 - cmdstanpy - INFO - Chain [1] done processing
02:04:13 - cmdstanpy - INFO - Chain [1] start processing
02:04:13 - cmdstanpy - INFO - Chain [1] done processing
02:04:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:13 - cmdstanpy - INFO - Chain [1] start processing
02:04:13 - cmdstanpy - INFO - Chain [1] done processing
02:04:13 - cmdstanpy - INFO - Chain [1] start processing
02:04:13 - cmdstanpy - INFO - Chain [1] done processing
02:04:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:13 - cmdstanpy - INFO - Chain [1] start processing
02:04:14 - cmdstanpy - INFO - Chain [1] done processing
02:04:14 - cmdstanpy - INFO - Chain [1] start processing
02:04:14 - cmdstanpy - INFO - Chain [1] done processing
02:04:14 - cmdstanpy - INFO - Chain [1] start processing
02:04:14 - cmdstanpy - INFO - Chain [1] done processing
02:04:15 - cmdstanpy - INFO - Chain [1] start processing
02:04:15 - cmdstanpy - INFO - Chain [1] done processing
02:04:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:15 - cmdstanpy - INFO - Chain [1] start processing
02:04:15 - cmdstanpy - INFO - Chain [1] done processing
02:04:15 - cmdstanpy - INFO - Chain [1] start processing
02:04:15 - cmdstanpy - INFO - Chain [1] done processing
02:04:16 - cmdstanpy - INFO - Chain [1] start processing
02:04:16 - cmdstanpy - INFO - Chain [1] done processing
02:04:16 - cmdstanpy - INFO - Chain [1] start processing
02:04:16 - cmdstanpy - INFO - Chain [1] done processing
02:04:17 - cmdstanpy - INFO - Chain [1] start processing
02:04:17 - cmdstanpy - INFO - Chain [1] done processing
02:04:17 - cmdstanpy - INFO - Chain [1] start processing
02:04:17 - cmdstanpy - INFO - Chain [1] done processing
02:04:17 - cmdstanpy - INFO - Chain [1] start processing
02:04:17 - cmdstanpy - INFO - Chain [1] done processing
02:04:18 - cmdstanpy - INFO - Chain [1] start processing
02:04:18 - cmdstanpy - INFO - Chain [1] done processing
02:04:18 - cmdstanpy - INFO - Chain [1] start processing
02:04:18 - cmdstanpy - INFO - Chain [1] done processing
02:04:18 - cmdstanpy - INFO - Chain [1] start processing
02:04:18 - cmdstanpy - INFO - Chain [1] done processing
02:04:19 - cmdstanpy - INFO - Chain [1] start processing
02:04:19 - cmdstanpy - INFO - Chain [1] done processing
02:04:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:19 - cmdstanpy - INFO - Chain [1] start processing
02:04:19 - cmdstanpy - INFO - Chain [1] done processing
02:04:19 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:04:19 - cmdstanpy - INFO - Chain [1] done processing
02:04:20 - cmdstanpy - INFO - Chain [1] start processing
02:04:20 - cmdstanpy - INFO - Chain [1] done processing
02:04:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:20 - cmdstanpy - INFO - Chain [1] start processing
02:04:20 - cmdstanpy - INFO - Chain [1] done processing
02:04:20 - cmdstanpy - INFO - Chain [1] start processing
02:04:20 - cmdstanpy - INFO - Chain [1] done processing
02:04:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:20 - cmdstanpy - INFO - Chain [1] start processing
02:04:21 - cmdstanpy - INFO - Chain [1] done processing
02:04:21 - cmdstanpy - INFO - Chain [1] start processing
02:04:21 - cmdstanpy - INFO - Chain [1] done processing
02:04:21 - cmdstanpy - INFO - Chain [1] start processing
02:04:21 - cmdstanpy - INFO - Chain [1] done processing
02:04:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:21 - cmdstanpy - INFO - Chain [1] start processing
02:04:22 - cmdstanpy - INFO - Chain [1] done processing
02:04:22 - cmdstanpy - INFO - Chain [1] start processing
02:04:22 - cmdstanpy - INFO - Chain [1] done processing
02:04:22 - cmdstanpy - INFO - Chain [1] start processing
02:04:23 - cmdstanpy - INFO - Chain [1] done processing
02:04:23 - cmdstanpy - INFO - Chain [1] start processing
02:04:23 - cmdstanpy - INFO - Chain [1] done processing
02:04:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:23 - cmdstanpy - INFO - Chain [1] start processing
02:04:23 - cmdstanpy - INFO - Chain [1] done processing
02:04:23 - cmdstanpy - INFO - Chain [1] start processing
02:04:24 - cmdstanpy - INFO - Chain [1] done processing
02:04:24 - cmdstanpy - INFO - Chain [1] start processing
02:04:24 - cmdstanpy - INFO - Chain [1] done processing
02:04:24 - cmdstanpy - INFO - Chain [1] start processing
02:04:24 - cmdstanpy - INFO - Chain [1] done processing
02:04:25 - cmdstanpy - INFO - Chain [1] start processing
02:04:25 - cmdstanpy - INFO - Chain [1] done processing
02:04:25 - cmdstanpy - INFO - Chain [1] start processing
02:04:25 - cmdstanpy - INFO - Chain [1] done processing
02:04:25 - cmdstanpy - INFO - Chain [1] start processing
02:04:26 - cmdstanpy - INFO - Chain [1] done processing
02:04:26 - cmdstanpy - INFO - Chain [1] start processing
02:04:26 - cmdstanpy - INFO - Chain [1] done processing
02:04:26 - cmdstanpy - INFO - Chain [1] start processing
02:04:26 - cmdstanpy - INFO - Chain [1] done processing
02:04:27 - cmdstanpy - INFO - Chain [1] start processing
02:04:27 - cmdstanpy - INFO - Chain [1] done processing
02:04:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:27 - cmdstanpy - INFO - Chain [1] start processing
02:04:27 - cmdstanpy - INFO - Chain [1] done processing
02:04:27 - cmdstanpy - INFO - Chain [1] start processing
02:04:27 - cmdstanpy - INFO - Chain [1] done processing
02:04:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:27 - cmdstanpy - INFO - Chain [1] start processing
02:04:28 - cmdstanpy - INFO - Chain [1] done processing
02:04:28 - cmdstanpy - INFO - Chain [1] start processing
02:04:28 - cmdstanpy - INFO - Chain [1] done processing
02:04:28 - cmdstanpy - INFO - Chain [1] start processing
02:04:28 - cmdstanpy - INFO - Chain [1] done processing
02:04:29 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:04:29 - cmdstanpy - INFO - Chain [1] done processing
02:04:29 - cmdstanpy - INFO - Chain [1] start processing
02:04:29 - cmdstanpy - INFO - Chain [1] done processing
02:04:30 - cmdstanpy - INFO - Chain [1] start processing
02:04:30 - cmdstanpy - INFO - Chain [1] done processing
02:04:30 - cmdstanpy - INFO - Chain [1] start processing
02:04:30 - cmdstanpy - INFO - Chain [1] done processing
02:04:30 - cmdstanpy - INFO - Chain [1] start processing
02:04:30 - cmdstanpy - INFO - Chain [1] done processing
02:04:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:30 - cmdstanpy - INFO - Chain [1] start processing
02:04:31 - cmdstanpy - INFO - Chain [1] done processing
02:04:31 - cmdstanpy - INFO - Chain [1] start processing
02:04:31 - cmdstanpy - INFO - Chain [1] done processing
02:04:31 - cmdstanpy - INFO - Chain [1] start processing
02:04:31 - cmdstanpy - INFO - Chain [1] done processing
02:04:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:31 - cmdstanpy - INFO - Chain [1] start processing
02:04:32 - cmdstanpy - INFO - Chain [1] done processing
02:04:32 - cmdstanpy - INFO - Chain [1] start processing
02:04:32 - cmdstanpy - INFO - Chain [1] done processing
02:04:32 - cmdstanpy - INFO - Chain [1] start processing
02:04:32 - cmdstanpy - INFO - Chain [1] done processing
02:04:33 - cmdstanpy - INFO - Chain [1] start processing
02:04:33 - cmdstanpy - INFO - Chain [1] done processing
02:04:33 - cmdstanpy - INFO - Chain [1] start processing
02:04:33 - cmdstanpy - INFO - Chain [1] done processing
02:04:33 - cmdstanpy - INFO - Chain [1] start processing
02:04:33 - cmdstanpy - INFO - Chain [1] done processing
02:04:34 - cmdstanpy - INFO - Chain [1] start processing
02:04:34 - cmdstanpy - INFO - Chain [1] done processing
02:04:34 - cmdstanpy - INFO - Chain [1] start processing
02:04:34 - cmdstanpy - INFO - Chain [1] done processing
02:04:34 - cmdstanpy - INFO - Chain [1] start processing
02:04:34 - cmdstanpy - INFO - Chain [1] done processing
02:04:35 - cmdstanpy - INFO - Chain [1] start processing
02:04:35 - cmdstanpy - INFO - Chain [1] done processing
02:04:35 - cmdstanpy - INFO - Chain [1] start processing
02:04:35 - cmdstanpy - INFO - Chain [1] done processing
02:04:35 - cmdstanpy - INFO - Chain [1] start processing
02:04:35 - cmdstanpy - INFO - Chain [1] done processing
02:04:36 - cmdstanpy - INFO - Chain [1] start processing
02:04:36 - cmdstanpy - INFO - Chain [1] done processing
02:04:36 - cmdstanpy - INFO - Chain [1] start processing
02:04:36 - cmdstanpy - INFO - Chain [1] done processing
02:04:36 - cmdstanpy - INFO - Chain [1] start processing
02:04:36 - cmdstanpy - INFO - Chain [1] done processing
02:04:37 - cmdstanpy - INFO - Chain [1] start processing
02:04:37 - cmdstanpy - INFO - Chain [1] done processing
02:04:37 - cmdstanpy - INFO - Chain [1] start processing
02:04:37 - cmdstanpy - INFO - Chain [1] done processing
02:04:37 - cmdstanpy - INFO - Chain [1] start processing
02:04:38 - cmdstanpy - INFO - Chain [1] done processing
02:04:38 - cmdstanpy - INFO - Chain [1] start processing
02:04:38 - cmdstanpy - INFO - Chain [1] done processing
02:04:38 - cmdstanpy - INFO - Chain [1] start processing
02:04:38 - cmdstanpy - INFO - Chain [1] done processing
02:04:38 - cmdstanpy - INFO - Chain [1] start processing
02:04:39 - cmdstanpy - INFO - Chain [1] done processing
02:04:39 - cmdstanpy - INFO - Chain [1] start processing
02:04:39 - cmdstanpy - INFO - Chain [1] done processing
02:04:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:04:39 - cmdstanpy - INFO - Chain [1] done processing
02:04:39 - cmdstanpy - INFO - Chain [1] start processing
02:04:40 - cmdstanpy - INFO - Chain [1] done processing
02:04:40 - cmdstanpy - INFO - Chain [1] start processing
02:04:40 - cmdstanpy - INFO - Chain [1] done processing
02:04:40 - cmdstanpy - INFO - Chain [1] start processing
02:04:40 - cmdstanpy - INFO - Chain [1] done processing
02:04:41 - cmdstanpy - INFO - Chain [1] start processing
02:04:41 - cmdstanpy - INFO - Chain [1] done processing
02:04:41 - cmdstanpy - INFO - Chain [1] start processing
02:04:41 - cmdstanpy - INFO - Chain [1] done processing
02:04:41 - cmdstanpy - INFO - Chain [1] start processing
02:04:41 - cmdstanpy - INFO - Chain [1] done processing
02:04:42 - cmdstanpy - INFO - Chain [1] start processing
02:04:42 - cmdstanpy - INFO - Chain [1] done processing
02:04:42 - cmdstanpy - INFO - Chain [1] start processing
02:04:42 - cmdstanpy - INFO - Chain [1] done processing
02:04:43 - cmdstanpy - INFO - Chain [1] start processing
02:04:43 - cmdstanpy - INFO - Chain [1] done processing
02:04:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:43 - cmdstanpy - INFO - Chain [1] start processing
02:04:43 - cmdstanpy - INFO - Chain [1] done processing
02:04:43 - cmdstanpy - INFO - Chain [1] start processing
02:04:43 - cmdstanpy - INFO - Chain [1] done processing
02:04:44 - cmdstanpy - INFO - Chain [1] start processing
02:04:44 - cmdstanpy - INFO - Chain [1] done processing
02:04:44 - cmdstanpy - INFO - Chain [1] start processing
02:04:44 - cmdstanpy - INFO - Chain [1] done processing
02:04:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:44 - cmdstanpy - INFO - Chain [1] start processing
02:04:44 - cmdstanpy - INFO - Chain [1] done processing
02:04:45 - cmdstanpy - INFO - Chain [1] start processing
02:04:45 - cmdstanpy - INFO - Chain [1] done processing
02:04:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:45 - cmdstanpy - INFO - Chain [1] start processing
02:04:45 - cmdstanpy - INFO - Chain [1] done processing
02:04:46 - cmdstanpy - INFO - Chain [1] start processing
02:04:46 - cmdstanpy - INFO - Chain [1] done processing
02:04:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:46 - cmdstanpy - INFO - Chain [1] start processing
02:04:46 - cmdstanpy - INFO - Chain [1] done processing
02:04:46 - cmdstanpy - INFO - Chain [1] start processing
02:04:46 - cmdstanpy - INFO - Chain [1] done processing
02:04:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:46 - cmdstanpy - INFO - Chain [1] start processing
02:04:46 - cmdstanpy - INFO - Chain [1] done processing
02:04:47 - cmdstanpy - INFO - Chain [1] start processing
02:04:47 - cmdstanpy - INFO - Chain [1] done processing
02:04:47 - cmdstanpy - INFO - Chain [1] start processing
02:04:47 - cmdstanpy - INFO - Chain [1] done processing
02:04:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:47 - cmdstanpy - INFO - Chain [1] start processing
02:04:47 - cmdstanpy - INFO - Chain [1] done processing
02:04:48 - cmdstanpy - INFO - Chain [1] start processing
02:04:48 - cmdstanpy - INFO - Chain [1] done processing
02:04:48 - cmdstanpy - INFO - Chain [1] start processing
02:04:48 - cmdstanpy - INFO - Chain [1] done processing
02:04:49 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:04:49 - cmdstanpy - INFO - Chain [1] done processing
02:04:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:49 - cmdstanpy - INFO - Chain [1] start processing
02:04:49 - cmdstanpy - INFO - Chain [1] done processing
02:04:49 - cmdstanpy - INFO - Chain [1] start processing
02:04:49 - cmdstanpy - INFO - Chain [1] done processing
02:04:50 - cmdstanpy - INFO - Chain [1] start processing
02:04:50 - cmdstanpy - INFO - Chain [1] done processing
02:04:50 - cmdstanpy - INFO - Chain [1] start processing
02:04:50 - cmdstanpy - INFO - Chain [1] done processing
02:04:50 - cmdstanpy - INFO - Chain [1] start processing
02:04:50 - cmdstanpy - INFO - Chain [1] done processing
02:04:51 - cmdstanpy - INFO - Chain [1] start processing
02:04:51 - cmdstanpy - INFO - Chain [1] done processing
02:04:51 - cmdstanpy - INFO - Chain [1] start processing
02:04:51 - cmdstanpy - INFO - Chain [1] done processing
02:04:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:51 - cmdstanpy - INFO - Chain [1] start processing
02:04:51 - cmdstanpy - INFO - Chain [1] done processing
02:04:52 - cmdstanpy - INFO - Chain [1] start processing
02:04:52 - cmdstanpy - INFO - Chain [1] done processing
02:04:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:52 - cmdstanpy - INFO - Chain [1] start processing
02:04:52 - cmdstanpy - INFO - Chain [1] done processing
02:04:52 - cmdstanpy - INFO - Chain [1] start processing
02:04:52 - cmdstanpy - INFO - Chain [1] done processing
02:04:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:52 - cmdstanpy - INFO - Chain [1] start processing
02:04:53 - cmdstanpy - INFO - Chain [1] done processing
02:04:53 - cmdstanpy - INFO - Chain [1] start processing
02:04:53 - cmdstanpy - INFO - Chain [1] done processing
02:04:53 - cmdstanpy - INFO - Chain [1] start processing
02:04:53 - cmdstanpy - INFO - Chain [1] done processing
02:04:54 - cmdstanpy - INFO - Chain [1] start processing
02:04:54 - cmdstanpy - INFO - Chain [1] done processing
02:04:54 - cmdstanpy - INFO - Chain [1] start processing
02:04:54 - cmdstanpy - INFO - Chain [1] done processing
02:04:54 - cmdstanpy - INFO - Chain [1] start processing
02:04:55 - cmdstanpy - INFO - Chain [1] done processing
02:04:55 - cmdstanpy - INFO - Chain [1] start processing
02:04:55 - cmdstanpy - INFO - Chain [1] done processing
02:04:55 - cmdstanpy - INFO - Chain [1] start processing
02:04:55 - cmdstanpy - INFO - Chain [1] done processing
02:04:56 - cmdstanpy - INFO - Chain [1] start processing
02:04:56 - cmdstanpy - INFO - Chain [1] done processing
02:04:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:56 - cmdstanpy - INFO - Chain [1] start processing
02:04:56 - cmdstanpy - INFO - Chain [1] done processing
02:04:56 - cmdstanpy - INFO - Chain [1] start processing
02:04:56 - cmdstanpy - INFO - Chain [1] done processing
02:04:57 - cmdstanpy - INFO - Chain [1] start processing
02:04:57 - cmdstanpy - INFO - Chain [1] done processing
02:04:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:04:57 - cmdstanpy - INFO - Chain [1] start processing
02:04:57 - cmdstanpy - INFO - Chain [1] done processing
02:04:58 - cmdstanpy - INFO - Chain [1] start processing
02:04:58 - cmdstanpy - INFO - Chain [1] done processing
02:04:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:04:58 - cmdstanpy - INFO - Chain [1] done processing
02:04:58 - cmdstanpy - INFO - Chain [1] start processing
02:04:58 - cmdstanpy - INFO - Chain [1] done processing
02:04:59 - cmdstanpy - INFO - Chain [1] start processing
02:04:59 - cmdstanpy - INFO - Chain [1] done processing
02:04:59 - cmdstanpy - INFO - Chain [1] start processing
02:04:59 - cmdstanpy - INFO - Chain [1] done processing
02:05:00 - cmdstanpy - INFO - Chain [1] start processing
02:05:00 - cmdstanpy - INFO - Chain [1] done processing
02:05:00 - cmdstanpy - INFO - Chain [1] start processing
02:05:00 - cmdstanpy - INFO - Chain [1] done processing
02:05:00 - cmdstanpy - INFO - Chain [1] start processing
02:05:00 - cmdstanpy - INFO - Chain [1] done processing
02:05:01 - cmdstanpy - INFO - Chain [1] start processing
02:05:01 - cmdstanpy - INFO - Chain [1] done processing
02:05:01 - cmdstanpy - INFO - Chain [1] start processing
02:05:01 - cmdstanpy - INFO - Chain [1] done processing
02:05:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:01 - cmdstanpy - INFO - Chain [1] start processing
02:05:02 - cmdstanpy - INFO - Chain [1] done processing
02:05:02 - cmdstanpy - INFO - Chain [1] start processing
02:05:02 - cmdstanpy - INFO - Chain [1] done processing
02:05:02 - cmdstanpy - INFO - Chain [1] start processing
02:05:02 - cmdstanpy - INFO - Chain [1] done processing
02:05:03 - cmdstanpy - INFO - Chain [1] start processing
02:05:03 - cmdstanpy - INFO - Chain [1] done processing
02:05:03 - cmdstanpy - INFO - Chain [1] start processing
02:05:03 - cmdstanpy - INFO - Chain [1] done processing
02:05:04 - cmdstanpy - INFO - Chain [1] start processing
02:05:04 - cmdstanpy - INFO - Chain [1] done processing
02:05:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:04 - cmdstanpy - INFO - Chain [1] start processing
02:05:04 - cmdstanpy - INFO - Chain [1] done processing
02:05:04 - cmdstanpy - INFO - Chain [1] start processing
02:05:04 - cmdstanpy - INFO - Chain [1] done processing
02:05:05 - cmdstanpy - INFO - Chain [1] start processing
02:05:05 - cmdstanpy - INFO - Chain [1] done processing
02:05:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:05 - cmdstanpy - INFO - Chain [1] start processing
02:05:05 - cmdstanpy - INFO - Chain [1] done processing
02:05:05 - cmdstanpy - INFO - Chain [1] start processing
02:05:05 - cmdstanpy - INFO - Chain [1] done processing
02:05:06 - cmdstanpy - INFO - Chain [1] start processing
02:05:06 - cmdstanpy - INFO - Chain [1] done processing
02:05:06 - cmdstanpy - INFO - Chain [1] start processing
02:05:06 - cmdstanpy - INFO - Chain [1] done processing
02:05:07 - cmdstanpy - INFO - Chain [1] start processing
02:05:07 - cmdstanpy - INFO - Chain [1] done processing
02:05:07 - cmdstanpy - INFO - Chain [1] start processing
02:05:07 - cmdstanpy - INFO - Chain [1] done processing
02:05:07 - cmdstanpy - INFO - Chain [1] start processing
02:05:07 - cmdstanpy - INFO - Chain [1] done processing
02:05:08 - cmdstanpy - INFO - Chain [1] start processing
02:05:08 - cmdstanpy - INFO - Chain [1] done processing
02:05:08 - cmdstanpy - INFO - Chain [1] start processing
02:05:08 - cmdstanpy - INFO - Chain [1] done processing
02:05:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:08 - cmdstanpy - INFO - Chain [1] start processing
02:05:08 - cmdstanpy - INFO - Chain [1] done processing
02:05:09 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:05:09 - cmdstanpy - INFO - Chain [1] done processing
02:05:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:09 - cmdstanpy - INFO - Chain [1] start processing
02:05:09 - cmdstanpy - INFO - Chain [1] done processing
02:05:09 - cmdstanpy - INFO - Chain [1] start processing
02:05:09 - cmdstanpy - INFO - Chain [1] done processing
02:05:10 - cmdstanpy - INFO - Chain [1] start processing
02:05:10 - cmdstanpy - INFO - Chain [1] done processing
02:05:10 - cmdstanpy - INFO - Chain [1] start processing
02:05:10 - cmdstanpy - INFO - Chain [1] done processing
02:05:11 - cmdstanpy - INFO - Chain [1] start processing
02:05:11 - cmdstanpy - INFO - Chain [1] done processing
02:05:11 - cmdstanpy - INFO - Chain [1] start processing
02:05:11 - cmdstanpy - INFO - Chain [1] done processing
02:05:11 - cmdstanpy - INFO - Chain [1] start processing
02:05:11 - cmdstanpy - INFO - Chain [1] done processing
02:05:12 - cmdstanpy - INFO - Chain [1] start processing
02:05:12 - cmdstanpy - INFO - Chain [1] done processing
02:05:12 - cmdstanpy - INFO - Chain [1] start processing
02:05:12 - cmdstanpy - INFO - Chain [1] done processing
02:05:13 - cmdstanpy - INFO - Chain [1] start processing
02:05:13 - cmdstanpy - INFO - Chain [1] done processing
02:05:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:13 - cmdstanpy - INFO - Chain [1] start processing
02:05:13 - cmdstanpy - INFO - Chain [1] done processing
02:05:13 - cmdstanpy - INFO - Chain [1] start processing
02:05:13 - cmdstanpy - INFO - Chain [1] done processing
02:05:14 - cmdstanpy - INFO - Chain [1] start processing
02:05:14 - cmdstanpy - INFO - Chain [1] done processing
02:05:14 - cmdstanpy - INFO - Chain [1] start processing
02:05:14 - cmdstanpy - INFO - Chain [1] done processing
02:05:14 - cmdstanpy - INFO - Chain [1] start processing
02:05:14 - cmdstanpy - INFO - Chain [1] done processing
02:05:15 - cmdstanpy - INFO - Chain [1] start processing
02:05:15 - cmdstanpy - INFO - Chain [1] done processing
02:05:15 - cmdstanpy - INFO - Chain [1] start processing
02:05:15 - cmdstanpy - INFO - Chain [1] done processing
02:05:16 - cmdstanpy - INFO - Chain [1] start processing
02:05:16 - cmdstanpy - INFO - Chain [1] done processing
02:05:16 - cmdstanpy - INFO - Chain [1] start processing
02:05:16 - cmdstanpy - INFO - Chain [1] done processing
02:05:16 - cmdstanpy - INFO - Chain [1] start processing
02:05:16 - cmdstanpy - INFO - Chain [1] done processing
02:05:17 - cmdstanpy - INFO - Chain [1] start processing
02:05:17 - cmdstanpy - INFO - Chain [1] done processing
02:05:17 - cmdstanpy - INFO - Chain [1] start processing
02:05:17 - cmdstanpy - INFO - Chain [1] done processing
02:05:18 - cmdstanpy - INFO - Chain [1] start processing
02:05:18 - cmdstanpy - INFO - Chain [1] done processing
02:05:18 - cmdstanpy - INFO - Chain [1] start processing
02:05:18 - cmdstanpy - INFO - Chain [1] done processing
02:05:18 - cmdstanpy - INFO - Chain [1] start processing
02:05:18 - cmdstanpy - INFO - Chain [1] done processing
02:05:19 - cmdstanpy - INFO - Chain [1] start processing
02:05:19 - cmdstanpy - INFO - Chain [1] done processing
02:05:19 - cmdstanpy - INFO - Chain [1] start processing
02:05:19 - cmdstanpy - INFO - Chain [1] done processing
02:05:20 - cmdstanpy - INFO - Chain [1] start processing
02:05:20 - cmdstanpy - INFO - Chain [1] done processing
02:05:20 - cmdstanpy - INFO - Chain [1] start processing
02:05:20 - cmdstanpy - INFO - Chain [1] done processing
02:05:21 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:05:21 - cmdstanpy - INFO - Chain [1] done processing
02:05:21 - cmdstanpy - INFO - Chain [1] start processing
02:05:21 - cmdstanpy - INFO - Chain [1] done processing
02:05:21 - cmdstanpy - INFO - Chain [1] start processing
02:05:21 - cmdstanpy - INFO - Chain [1] done processing
02:05:22 - cmdstanpy - INFO - Chain [1] start processing
02:05:22 - cmdstanpy - INFO - Chain [1] done processing
02:05:22 - cmdstanpy - INFO - Chain [1] start processing
02:05:22 - cmdstanpy - INFO - Chain [1] done processing
02:05:22 - cmdstanpy - INFO - Chain [1] start processing
02:05:22 - cmdstanpy - INFO - Chain [1] done processing
02:05:23 - cmdstanpy - INFO - Chain [1] start processing
02:05:23 - cmdstanpy - INFO - Chain [1] done processing
02:05:23 - cmdstanpy - INFO - Chain [1] start processing
02:05:23 - cmdstanpy - INFO - Chain [1] done processing
02:05:24 - cmdstanpy - INFO - Chain [1] start processing
02:05:24 - cmdstanpy - INFO - Chain [1] done processing
02:05:24 - cmdstanpy - INFO - Chain [1] start processing
02:05:24 - cmdstanpy - INFO - Chain [1] done processing
02:05:24 - cmdstanpy - INFO - Chain [1] start processing
02:05:24 - cmdstanpy - INFO - Chain [1] done processing
02:05:25 - cmdstanpy - INFO - Chain [1] start processing
02:05:25 - cmdstanpy - INFO - Chain [1] done processing
02:05:25 - cmdstanpy - INFO - Chain [1] start processing
02:05:25 - cmdstanpy - INFO - Chain [1] done processing
02:05:26 - cmdstanpy - INFO - Chain [1] start processing
02:05:26 - cmdstanpy - INFO - Chain [1] done processing
02:05:26 - cmdstanpy - INFO - Chain [1] start processing
02:05:26 - cmdstanpy - INFO - Chain [1] done processing
02:05:26 - cmdstanpy - INFO - Chain [1] start processing
02:05:26 - cmdstanpy - INFO - Chain [1] done processing
02:05:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:26 - cmdstanpy - INFO - Chain [1] start processing
02:05:27 - cmdstanpy - INFO - Chain [1] done processing
02:05:27 - cmdstanpy - INFO - Chain [1] start processing
02:05:27 - cmdstanpy - INFO - Chain [1] done processing
02:05:27 - cmdstanpy - INFO - Chain [1] start processing
02:05:27 - cmdstanpy - INFO - Chain [1] done processing
02:05:28 - cmdstanpy - INFO - Chain [1] start processing
02:05:28 - cmdstanpy - INFO - Chain [1] done processing
02:05:28 - cmdstanpy - INFO - Chain [1] start processing
02:05:28 - cmdstanpy - INFO - Chain [1] done processing
02:05:29 - cmdstanpy - INFO - Chain [1] start processing
02:05:29 - cmdstanpy - INFO - Chain [1] done processing
02:05:29 - cmdstanpy - INFO - Chain [1] start processing
02:05:29 - cmdstanpy - INFO - Chain [1] done processing
02:05:29 - cmdstanpy - INFO - Chain [1] start processing
02:05:29 - cmdstanpy - INFO - Chain [1] done processing
02:05:30 - cmdstanpy - INFO - Chain [1] start processing
02:05:30 - cmdstanpy - INFO - Chain [1] done processing
02:05:30 - cmdstanpy - INFO - Chain [1] start processing
02:05:30 - cmdstanpy - INFO - Chain [1] done processing
02:05:31 - cmdstanpy - INFO - Chain [1] start processing
02:05:31 - cmdstanpy - INFO - Chain [1] done processing
02:05:31 - cmdstanpy - INFO - Chain [1] start processing
02:05:31 - cmdstanpy - INFO - Chain [1] done processing
02:05:32 - cmdstanpy - INFO - Chain [1] start processing
02:05:32 - cmdstanpy - INFO - Chain [1] done processing
02:05:32 - cmdstanpy - INFO - Chain [1] start processing
02:05:32 - cmdstanpy - INFO - Chain [1] done processing
02:05:32 - cmdstanpy - INFO - Chain [1] start processing
02:05:32 - cmdstanpy - INFO - Chain [1] done processing
02:05:33 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:05:33 - cmdstanpy - INFO - Chain [1] done processing
02:05:33 - cmdstanpy - INFO - Chain [1] start processing
02:05:33 - cmdstanpy - INFO - Chain [1] done processing
02:05:34 - cmdstanpy - INFO - Chain [1] start processing
02:05:34 - cmdstanpy - INFO - Chain [1] done processing
02:05:34 - cmdstanpy - INFO - Chain [1] start processing
02:05:34 - cmdstanpy - INFO - Chain [1] done processing
02:05:34 - cmdstanpy - INFO - Chain [1] start processing
02:05:34 - cmdstanpy - INFO - Chain [1] done processing
02:05:35 - cmdstanpy - INFO - Chain [1] start processing
02:05:35 - cmdstanpy - INFO - Chain [1] done processing
02:05:35 - cmdstanpy - INFO - Chain [1] start processing
02:05:35 - cmdstanpy - INFO - Chain [1] done processing
02:05:35 - cmdstanpy - INFO - Chain [1] start processing
02:05:35 - cmdstanpy - INFO - Chain [1] done processing
02:05:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:36 - cmdstanpy - INFO - Chain [1] start processing
02:05:36 - cmdstanpy - INFO - Chain [1] done processing
02:05:36 - cmdstanpy - INFO - Chain [1] start processing
02:05:36 - cmdstanpy - INFO - Chain [1] done processing
02:05:36 - cmdstanpy - INFO - Chain [1] start processing
02:05:36 - cmdstanpy - INFO - Chain [1] done processing
02:05:37 - cmdstanpy - INFO - Chain [1] start processing
02:05:37 - cmdstanpy - INFO - Chain [1] done processing
02:05:37 - cmdstanpy - INFO - Chain [1] start processing
02:05:37 - cmdstanpy - INFO - Chain [1] done processing
02:05:38 - cmdstanpy - INFO - Chain [1] start processing
02:05:38 - cmdstanpy - INFO - Chain [1] done processing
02:05:38 - cmdstanpy - INFO - Chain [1] start processing
02:05:38 - cmdstanpy - INFO - Chain [1] done processing
02:05:38 - cmdstanpy - INFO - Chain [1] start processing
02:05:38 - cmdstanpy - INFO - Chain [1] done processing
02:05:39 - cmdstanpy - INFO - Chain [1] start processing
02:05:39 - cmdstanpy - INFO - Chain [1] done processing
02:05:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:39 - cmdstanpy - INFO - Chain [1] start processing
02:05:39 - cmdstanpy - INFO - Chain [1] done processing
02:05:39 - cmdstanpy - INFO - Chain [1] start processing
02:05:39 - cmdstanpy - INFO - Chain [1] done processing
02:05:40 - cmdstanpy - INFO - Chain [1] start processing
02:05:40 - cmdstanpy - INFO - Chain [1] done processing
02:05:40 - cmdstanpy - INFO - Chain [1] start processing
02:05:40 - cmdstanpy - INFO - Chain [1] done processing
02:05:40 - cmdstanpy - INFO - Chain [1] start processing
02:05:40 - cmdstanpy - INFO - Chain [1] done processing
02:05:41 - cmdstanpy - INFO - Chain [1] start processing
02:05:41 - cmdstanpy - INFO - Chain [1] done processing
02:05:41 - cmdstanpy - INFO - Chain [1] start processing
02:05:41 - cmdstanpy - INFO - Chain [1] done processing
02:05:41 - cmdstanpy - INFO - Chain [1] start processing
02:05:42 - cmdstanpy - INFO - Chain [1] done processing
02:05:42 - cmdstanpy - INFO - Chain [1] start processing
02:05:42 - cmdstanpy - INFO - Chain [1] done processing
02:05:42 - cmdstanpy - INFO - Chain [1] start processing
02:05:42 - cmdstanpy - INFO - Chain [1] done processing
02:05:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:42 - cmdstanpy - INFO - Chain [1] start processing
02:05:43 - cmdstanpy - INFO - Chain [1] done processing
02:05:43 - cmdstanpy - INFO - Chain [1] start processing
02:05:43 - cmdstanpy - INFO - Chain [1] done processing
02:05:43 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:05:43 - cmdstanpy - INFO - Chain [1] done processing
02:05:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:43 - cmdstanpy - INFO - Chain [1] start processing
02:05:44 - cmdstanpy - INFO - Chain [1] done processing
02:05:44 - cmdstanpy - INFO - Chain [1] start processing
02:05:44 - cmdstanpy - INFO - Chain [1] done processing
02:05:44 - cmdstanpy - INFO - Chain [1] start processing
02:05:44 - cmdstanpy - INFO - Chain [1] done processing
02:05:45 - cmdstanpy - INFO - Chain [1] start processing
02:05:45 - cmdstanpy - INFO - Chain [1] done processing
02:05:45 - cmdstanpy - INFO - Chain [1] start processing
02:05:45 - cmdstanpy - INFO - Chain [1] done processing
02:05:45 - cmdstanpy - INFO - Chain [1] start processing
02:05:45 - cmdstanpy - INFO - Chain [1] done processing
02:05:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:45 - cmdstanpy - INFO - Chain [1] start processing
02:05:46 - cmdstanpy - INFO - Chain [1] done processing
02:05:46 - cmdstanpy - INFO - Chain [1] start processing
02:05:46 - cmdstanpy - INFO - Chain [1] done processing
02:05:47 - cmdstanpy - INFO - Chain [1] start processing
02:05:47 - cmdstanpy - INFO - Chain [1] done processing
02:05:47 - cmdstanpy - INFO - Chain [1] start processing
02:05:47 - cmdstanpy - INFO - Chain [1] done processing
02:05:47 - cmdstanpy - INFO - Chain [1] start processing
02:05:48 - cmdstanpy - INFO - Chain [1] done processing
02:05:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:48 - cmdstanpy - INFO - Chain [1] start processing
02:05:48 - cmdstanpy - INFO - Chain [1] done processing
02:05:48 - cmdstanpy - INFO - Chain [1] start processing
02:05:48 - cmdstanpy - INFO - Chain [1] done processing
02:05:48 - cmdstanpy - INFO - Chain [1] start processing
02:05:49 - cmdstanpy - INFO - Chain [1] done processing
02:05:49 - cmdstanpy - INFO - Chain [1] start processing
02:05:49 - cmdstanpy - INFO - Chain [1] done processing
02:05:49 - cmdstanpy - INFO - Chain [1] start processing
02:05:49 - cmdstanpy - INFO - Chain [1] done processing
02:05:50 - cmdstanpy - INFO - Chain [1] start processing
02:05:50 - cmdstanpy - INFO - Chain [1] done processing
02:05:50 - cmdstanpy - INFO - Chain [1] start processing
02:05:50 - cmdstanpy - INFO - Chain [1] done processing
02:05:50 - cmdstanpy - INFO - Chain [1] start processing
02:05:51 - cmdstanpy - INFO - Chain [1] done processing
02:05:51 - cmdstanpy - INFO - Chain [1] start processing
02:05:51 - cmdstanpy - INFO - Chain [1] done processing
02:05:51 - cmdstanpy - INFO - Chain [1] start processing
02:05:51 - cmdstanpy - INFO - Chain [1] done processing
02:05:52 - cmdstanpy - INFO - Chain [1] start processing
02:05:52 - cmdstanpy - INFO - Chain [1] done processing
02:05:52 - cmdstanpy - INFO - Chain [1] start processing
02:05:52 - cmdstanpy - INFO - Chain [1] done processing
02:05:52 - cmdstanpy - INFO - Chain [1] start processing
02:05:52 - cmdstanpy - INFO - Chain [1] done processing
02:05:53 - cmdstanpy - INFO - Chain [1] start processing
02:05:53 - cmdstanpy - INFO - Chain [1] done processing
02:05:53 - cmdstanpy - INFO - Chain [1] start processing
02:05:53 - cmdstanpy - INFO - Chain [1] done processing
02:05:54 - cmdstanpy - INFO - Chain [1] start processing
02:05:54 - cmdstanpy - INFO - Chain [1] done processing
02:05:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:54 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:05:54 - cmdstanpy - INFO - Chain [1] done processing
02:05:54 - cmdstanpy - INFO - Chain [1] start processing
02:05:54 - cmdstanpy - INFO - Chain [1] done processing
02:05:55 - cmdstanpy - INFO - Chain [1] start processing
02:05:55 - cmdstanpy - INFO - Chain [1] done processing
02:05:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:55 - cmdstanpy - INFO - Chain [1] start processing
02:05:55 - cmdstanpy - INFO - Chain [1] done processing
02:05:55 - cmdstanpy - INFO - Chain [1] start processing
02:05:55 - cmdstanpy - INFO - Chain [1] done processing
02:05:55 - cmdstanpy - INFO - Chain [1] start processing
02:05:56 - cmdstanpy - INFO - Chain [1] done processing
02:05:56 - cmdstanpy - INFO - Chain [1] start processing
02:05:56 - cmdstanpy - INFO - Chain [1] done processing
02:05:56 - cmdstanpy - INFO - Chain [1] start processing
02:05:56 - cmdstanpy - INFO - Chain [1] done processing
02:05:57 - cmdstanpy - INFO - Chain [1] start processing
02:05:57 - cmdstanpy - INFO - Chain [1] done processing
02:05:57 - cmdstanpy - INFO - Chain [1] start processing
02:05:57 - cmdstanpy - INFO - Chain [1] done processing
02:05:57 - cmdstanpy - INFO - Chain [1] start processing
02:05:57 - cmdstanpy - INFO - Chain [1] done processing
02:05:58 - cmdstanpy - INFO - Chain [1] start processing
02:05:58 - cmdstanpy - INFO - Chain [1] done processing
02:05:58 - cmdstanpy - INFO - Chain [1] start processing
02:05:58 - cmdstanpy - INFO - Chain [1] done processing
02:05:59 - cmdstanpy - INFO - Chain [1] start processing
02:05:59 - cmdstanpy - INFO - Chain [1] done processing
02:05:59 - cmdstanpy - INFO - Chain [1] start processing
02:05:59 - cmdstanpy - INFO - Chain [1] done processing
02:05:59 - cmdstanpy - INFO - Chain [1] start processing
02:05:59 - cmdstanpy - INFO - Chain [1] done processing
02:05:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:05:59 - cmdstanpy - INFO - Chain [1] start processing
02:06:00 - cmdstanpy - INFO - Chain [1] done processing
02:06:00 - cmdstanpy - INFO - Chain [1] start processing
02:06:00 - cmdstanpy - INFO - Chain [1] done processing
02:06:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:00 - cmdstanpy - INFO - Chain [1] start processing
02:06:00 - cmdstanpy - INFO - Chain [1] done processing
02:06:01 - cmdstanpy - INFO - Chain [1] start processing
02:06:01 - cmdstanpy - INFO - Chain [1] done processing
02:06:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:01 - cmdstanpy - INFO - Chain [1] start processing
02:06:01 - cmdstanpy - INFO - Chain [1] done processing
02:06:01 - cmdstanpy - INFO - Chain [1] start processing
02:06:01 - cmdstanpy - INFO - Chain [1] done processing
02:06:02 - cmdstanpy - INFO - Chain [1] start processing
02:06:02 - cmdstanpy - INFO - Chain [1] done processing
02:06:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:02 - cmdstanpy - INFO - Chain [1] start processing
02:06:02 - cmdstanpy - INFO - Chain [1] done processing
02:06:02 - cmdstanpy - INFO - Chain [1] start processing
02:06:03 - cmdstanpy - INFO - Chain [1] done processing
02:06:03 - cmdstanpy - INFO - Chain [1] start processing
02:06:03 - cmdstanpy - INFO - Chain [1] done processing
02:06:03 - cmdstanpy - INFO - Chain [1] start processing
02:06:03 - cmdstanpy - INFO - Chain [1] done processing
02:06:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:06:04 - cmdstanpy - INFO - Chain [1] done processing
02:06:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:04 - cmdstanpy - INFO - Chain [1] start processing
02:06:04 - cmdstanpy - INFO - Chain [1] done processing
02:06:04 - cmdstanpy - INFO - Chain [1] start processing
02:06:04 - cmdstanpy - INFO - Chain [1] done processing
02:06:05 - cmdstanpy - INFO - Chain [1] start processing
02:06:05 - cmdstanpy - INFO - Chain [1] done processing
02:06:05 - cmdstanpy - INFO - Chain [1] start processing
02:06:05 - cmdstanpy - INFO - Chain [1] done processing
02:06:05 - cmdstanpy - INFO - Chain [1] start processing
02:06:06 - cmdstanpy - INFO - Chain [1] done processing
02:06:06 - cmdstanpy - INFO - Chain [1] start processing
02:06:06 - cmdstanpy - INFO - Chain [1] done processing
02:06:07 - cmdstanpy - INFO - Chain [1] start processing
02:06:07 - cmdstanpy - INFO - Chain [1] done processing
02:06:07 - cmdstanpy - INFO - Chain [1] start processing
02:06:07 - cmdstanpy - INFO - Chain [1] done processing
02:06:07 - cmdstanpy - INFO - Chain [1] start processing
02:06:07 - cmdstanpy - INFO - Chain [1] done processing
02:06:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:07 - cmdstanpy - INFO - Chain [1] start processing
02:06:07 - cmdstanpy - INFO - Chain [1] done processing
02:06:08 - cmdstanpy - INFO - Chain [1] start processing
02:06:08 - cmdstanpy - INFO - Chain [1] done processing
02:06:08 - cmdstanpy - INFO - Chain [1] start processing
02:06:08 - cmdstanpy - INFO - Chain [1] done processing
02:06:09 - cmdstanpy - INFO - Chain [1] start processing
02:06:09 - cmdstanpy - INFO - Chain [1] done processing
02:06:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:09 - cmdstanpy - INFO - Chain [1] start processing
02:06:09 - cmdstanpy - INFO - Chain [1] done processing
02:06:09 - cmdstanpy - INFO - Chain [1] start processing
02:06:09 - cmdstanpy - INFO - Chain [1] done processing
02:06:10 - cmdstanpy - INFO - Chain [1] start processing
02:06:10 - cmdstanpy - INFO - Chain [1] done processing
02:06:10 - cmdstanpy - INFO - Chain [1] start processing
02:06:10 - cmdstanpy - INFO - Chain [1] done processing
02:06:10 - cmdstanpy - INFO - Chain [1] start processing
02:06:10 - cmdstanpy - INFO - Chain [1] done processing
02:06:11 - cmdstanpy - INFO - Chain [1] start processing
02:06:11 - cmdstanpy - INFO - Chain [1] done processing
02:06:11 - cmdstanpy - INFO - Chain [1] start processing
02:06:11 - cmdstanpy - INFO - Chain [1] done processing
02:06:12 - cmdstanpy - INFO - Chain [1] start processing
02:06:12 - cmdstanpy - INFO - Chain [1] done processing
02:06:12 - cmdstanpy - INFO - Chain [1] start processing
02:06:12 - cmdstanpy - INFO - Chain [1] done processing
02:06:12 - cmdstanpy - INFO - Chain [1] start processing
02:06:13 - cmdstanpy - INFO - Chain [1] done processing
02:06:13 - cmdstanpy - INFO - Chain [1] start processing
02:06:13 - cmdstanpy - INFO - Chain [1] done processing
02:06:13 - cmdstanpy - INFO - Chain [1] start processing
02:06:13 - cmdstanpy - INFO - Chain [1] done processing
02:06:14 - cmdstanpy - INFO - Chain [1] start processing
02:06:14 - cmdstanpy - INFO - Chain [1] done processing
02:06:14 - cmdstanpy - INFO - Chain [1] start processing
02:06:14 - cmdstanpy - INFO - Chain [1] done processing
02:06:14 - cmdstanpy - INFO - Chain [1] start processing
02:06:15 - cmdstanpy - INFO - Chain [1] done processing
02:06:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:06:15 - cmdstanpy - INFO - Chain [1] done processing
02:06:15 - cmdstanpy - INFO - Chain [1] start processing
02:06:15 - cmdstanpy - INFO - Chain [1] done processing
02:06:16 - cmdstanpy - INFO - Chain [1] start processing
02:06:16 - cmdstanpy - INFO - Chain [1] done processing
02:06:16 - cmdstanpy - INFO - Chain [1] start processing
02:06:16 - cmdstanpy - INFO - Chain [1] done processing
02:06:16 - cmdstanpy - INFO - Chain [1] start processing
02:06:16 - cmdstanpy - INFO - Chain [1] done processing
02:06:17 - cmdstanpy - INFO - Chain [1] start processing
02:06:17 - cmdstanpy - INFO - Chain [1] done processing
02:06:17 - cmdstanpy - INFO - Chain [1] start processing
02:06:17 - cmdstanpy - INFO - Chain [1] done processing
02:06:18 - cmdstanpy - INFO - Chain [1] start processing
02:06:18 - cmdstanpy - INFO - Chain [1] done processing
02:06:18 - cmdstanpy - INFO - Chain [1] start processing
02:06:18 - cmdstanpy - INFO - Chain [1] done processing
02:06:18 - cmdstanpy - INFO - Chain [1] start processing
02:06:18 - cmdstanpy - INFO - Chain [1] done processing
02:06:19 - cmdstanpy - INFO - Chain [1] start processing
02:06:19 - cmdstanpy - INFO - Chain [1] done processing
02:06:19 - cmdstanpy - INFO - Chain [1] start processing
02:06:19 - cmdstanpy - INFO - Chain [1] done processing
02:06:20 - cmdstanpy - INFO - Chain [1] start processing
02:06:20 - cmdstanpy - INFO - Chain [1] done processing
02:06:20 - cmdstanpy - INFO - Chain [1] start processing
02:06:20 - cmdstanpy - INFO - Chain [1] done processing
02:06:20 - cmdstanpy - INFO - Chain [1] start processing
02:06:20 - cmdstanpy - INFO - Chain [1] done processing
02:06:21 - cmdstanpy - INFO - Chain [1] start processing
02:06:21 - cmdstanpy - INFO - Chain [1] done processing
02:06:21 - cmdstanpy - INFO - Chain [1] start processing
02:06:21 - cmdstanpy - INFO - Chain [1] done processing
02:06:22 - cmdstanpy - INFO - Chain [1] start processing
02:06:22 - cmdstanpy - INFO - Chain [1] done processing
02:06:22 - cmdstanpy - INFO - Chain [1] start processing
02:06:22 - cmdstanpy - INFO - Chain [1] done processing
02:06:22 - cmdstanpy - INFO - Chain [1] start processing
02:06:23 - cmdstanpy - INFO - Chain [1] done processing
02:06:23 - cmdstanpy - INFO - Chain [1] start processing
02:06:23 - cmdstanpy - INFO - Chain [1] done processing
02:06:23 - cmdstanpy - INFO - Chain [1] start processing
02:06:23 - cmdstanpy - INFO - Chain [1] done processing
02:06:24 - cmdstanpy - INFO - Chain [1] start processing
02:06:24 - cmdstanpy - INFO - Chain [1] done processing
02:06:24 - cmdstanpy - INFO - Chain [1] start processing
02:06:24 - cmdstanpy - INFO - Chain [1] done processing
02:06:25 - cmdstanpy - INFO - Chain [1] start processing
02:06:25 - cmdstanpy - INFO - Chain [1] done processing
02:06:25 - cmdstanpy - INFO - Chain [1] start processing
02:06:25 - cmdstanpy - INFO - Chain [1] done processing
02:06:25 - cmdstanpy - INFO - Chain [1] start processing
02:06:26 - cmdstanpy - INFO - Chain [1] done processing
02:06:26 - cmdstanpy - INFO - Chain [1] start processing
02:06:26 - cmdstanpy - INFO - Chain [1] done processing
02:06:26 - cmdstanpy - INFO - Chain [1] start processing
02:06:26 - cmdstanpy - INFO - Chain [1] done processing
02:06:27 - cmdstanpy - INFO - Chain [1] start processing
02:06:27 - cmdstanpy - INFO - Chain [1] done processing
02:06:27 - cmdstanpy - INFO - Chain [1] start processing
02:06:27 - cmdstanpy - INFO - Chain [1] done processing
02:06:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:27 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:06:27 - cmdstanpy - INFO - Chain [1] done processing
02:06:27 - cmdstanpy - INFO - Chain [1] start processing
02:06:28 - cmdstanpy - INFO - Chain [1] done processing
02:06:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:28 - cmdstanpy - INFO - Chain [1] start processing
02:06:28 - cmdstanpy - INFO - Chain [1] done processing
02:06:28 - cmdstanpy - INFO - Chain [1] start processing
02:06:28 - cmdstanpy - INFO - Chain [1] done processing
02:06:29 - cmdstanpy - INFO - Chain [1] start processing
02:06:29 - cmdstanpy - INFO - Chain [1] done processing
02:06:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:29 - cmdstanpy - INFO - Chain [1] start processing
02:06:29 - cmdstanpy - INFO - Chain [1] done processing
02:06:29 - cmdstanpy - INFO - Chain [1] start processing
02:06:29 - cmdstanpy - INFO - Chain [1] done processing
02:06:30 - cmdstanpy - INFO - Chain [1] start processing
02:06:30 - cmdstanpy - INFO - Chain [1] done processing
02:06:30 - cmdstanpy - INFO - Chain [1] start processing
02:06:30 - cmdstanpy - INFO - Chain [1] done processing
02:06:30 - cmdstanpy - INFO - Chain [1] start processing
02:06:31 - cmdstanpy - INFO - Chain [1] done processing
02:06:31 - cmdstanpy - INFO - Chain [1] start processing
02:06:31 - cmdstanpy - INFO - Chain [1] done processing
02:06:31 - cmdstanpy - INFO - Chain [1] start processing
02:06:31 - cmdstanpy - INFO - Chain [1] done processing
02:06:32 - cmdstanpy - INFO - Chain [1] start processing
02:06:32 - cmdstanpy - INFO - Chain [1] done processing
02:06:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:32 - cmdstanpy - INFO - Chain [1] start processing
02:06:32 - cmdstanpy - INFO - Chain [1] done processing
02:06:32 - cmdstanpy - INFO - Chain [1] start processing
02:06:32 - cmdstanpy - INFO - Chain [1] done processing
02:06:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:32 - cmdstanpy - INFO - Chain [1] start processing
02:06:32 - cmdstanpy - INFO - Chain [1] done processing
02:06:33 - cmdstanpy - INFO - Chain [1] start processing
02:06:33 - cmdstanpy - INFO - Chain [1] done processing
02:06:33 - cmdstanpy - INFO - Chain [1] start processing
02:06:33 - cmdstanpy - INFO - Chain [1] done processing
02:06:34 - cmdstanpy - INFO - Chain [1] start processing
02:06:34 - cmdstanpy - INFO - Chain [1] done processing
02:06:34 - cmdstanpy - INFO - Chain [1] start processing
02:06:34 - cmdstanpy - INFO - Chain [1] done processing
02:06:34 - cmdstanpy - INFO - Chain [1] start processing
02:06:34 - cmdstanpy - INFO - Chain [1] done processing
02:06:35 - cmdstanpy - INFO - Chain [1] start processing
02:06:35 - cmdstanpy - INFO - Chain [1] done processing
02:06:35 - cmdstanpy - INFO - Chain [1] start processing
02:06:35 - cmdstanpy - INFO - Chain [1] done processing
02:06:35 - cmdstanpy - INFO - Chain [1] start processing
02:06:36 - cmdstanpy - INFO - Chain [1] done processing
02:06:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:36 - cmdstanpy - INFO - Chain [1] start processing
02:06:36 - cmdstanpy - INFO - Chain [1] done processing
02:06:36 - cmdstanpy - INFO - Chain [1] start processing
02:06:36 - cmdstanpy - INFO - Chain [1] done processing
02:06:36 - cmdstanpy - INFO - Chain [1] start processing
02:06:37 - cmdstanpy - INFO - Chain [1] done processing
02:06:37 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:06:37 - cmdstanpy - INFO - Chain [1] done processing
02:06:37 - cmdstanpy - INFO - Chain [1] start processing
02:06:37 - cmdstanpy - INFO - Chain [1] done processing
02:06:38 - cmdstanpy - INFO - Chain [1] start processing
02:06:38 - cmdstanpy - INFO - Chain [1] done processing
02:06:38 - cmdstanpy - INFO - Chain [1] start processing
02:06:38 - cmdstanpy - INFO - Chain [1] done processing
02:06:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:38 - cmdstanpy - INFO - Chain [1] start processing
02:06:38 - cmdstanpy - INFO - Chain [1] done processing
02:06:39 - cmdstanpy - INFO - Chain [1] start processing
02:06:39 - cmdstanpy - INFO - Chain [1] done processing
02:06:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:39 - cmdstanpy - INFO - Chain [1] start processing
02:06:39 - cmdstanpy - INFO - Chain [1] done processing
02:06:39 - cmdstanpy - INFO - Chain [1] start processing
02:06:39 - cmdstanpy - INFO - Chain [1] done processing
02:06:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:39 - cmdstanpy - INFO - Chain [1] start processing
02:06:40 - cmdstanpy - INFO - Chain [1] done processing
02:06:40 - cmdstanpy - INFO - Chain [1] start processing
02:06:40 - cmdstanpy - INFO - Chain [1] done processing
02:06:40 - cmdstanpy - INFO - Chain [1] start processing
02:06:40 - cmdstanpy - INFO - Chain [1] done processing
02:06:41 - cmdstanpy - INFO - Chain [1] start processing
02:06:41 - cmdstanpy - INFO - Chain [1] done processing
02:06:41 - cmdstanpy - INFO - Chain [1] start processing
02:06:41 - cmdstanpy - INFO - Chain [1] done processing
02:06:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:41 - cmdstanpy - INFO - Chain [1] start processing
02:06:41 - cmdstanpy - INFO - Chain [1] done processing
02:06:42 - cmdstanpy - INFO - Chain [1] start processing
02:06:42 - cmdstanpy - INFO - Chain [1] done processing
02:06:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:42 - cmdstanpy - INFO - Chain [1] start processing
02:06:42 - cmdstanpy - INFO - Chain [1] done processing
02:06:42 - cmdstanpy - INFO - Chain [1] start processing
02:06:42 - cmdstanpy - INFO - Chain [1] done processing
02:06:43 - cmdstanpy - INFO - Chain [1] start processing
02:06:43 - cmdstanpy - INFO - Chain [1] done processing
02:06:43 - cmdstanpy - INFO - Chain [1] start processing
02:06:43 - cmdstanpy - INFO - Chain [1] done processing
02:06:43 - cmdstanpy - INFO - Chain [1] start processing
02:06:43 - cmdstanpy - INFO - Chain [1] done processing
02:06:44 - cmdstanpy - INFO - Chain [1] start processing
02:06:44 - cmdstanpy - INFO - Chain [1] done processing
02:06:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:44 - cmdstanpy - INFO - Chain [1] start processing
02:06:44 - cmdstanpy - INFO - Chain [1] done processing
02:06:44 - cmdstanpy - INFO - Chain [1] start processing
02:06:44 - cmdstanpy - INFO - Chain [1] done processing
02:06:45 - cmdstanpy - INFO - Chain [1] start processing
02:06:45 - cmdstanpy - INFO - Chain [1] done processing
02:06:45 - cmdstanpy - INFO - Chain [1] start processing
02:06:45 - cmdstanpy - INFO - Chain [1] done processing
02:06:46 - cmdstanpy - INFO - Chain [1] start processing
02:06:46 - cmdstanpy - INFO - Chain [1] done processing
02:06:46 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:06:46 - cmdstanpy - INFO - Chain [1] done processing
02:06:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:46 - cmdstanpy - INFO - Chain [1] start processing
02:06:46 - cmdstanpy - INFO - Chain [1] done processing
02:06:47 - cmdstanpy - INFO - Chain [1] start processing
02:06:47 - cmdstanpy - INFO - Chain [1] done processing
02:06:47 - cmdstanpy - INFO - Chain [1] start processing
02:06:47 - cmdstanpy - INFO - Chain [1] done processing
02:06:47 - cmdstanpy - INFO - Chain [1] start processing
02:06:48 - cmdstanpy - INFO - Chain [1] done processing
02:06:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:48 - cmdstanpy - INFO - Chain [1] start processing
02:06:48 - cmdstanpy - INFO - Chain [1] done processing
02:06:48 - cmdstanpy - INFO - Chain [1] start processing
02:06:48 - cmdstanpy - INFO - Chain [1] done processing
02:06:49 - cmdstanpy - INFO - Chain [1] start processing
02:06:49 - cmdstanpy - INFO - Chain [1] done processing
02:06:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:49 - cmdstanpy - INFO - Chain [1] start processing
02:06:49 - cmdstanpy - INFO - Chain [1] done processing
02:06:49 - cmdstanpy - INFO - Chain [1] start processing
02:06:49 - cmdstanpy - INFO - Chain [1] done processing
02:06:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:49 - cmdstanpy - INFO - Chain [1] start processing
02:06:50 - cmdstanpy - INFO - Chain [1] done processing
02:06:50 - cmdstanpy - INFO - Chain [1] start processing
02:06:50 - cmdstanpy - INFO - Chain [1] done processing
02:06:50 - cmdstanpy - INFO - Chain [1] start processing
02:06:50 - cmdstanpy - INFO - Chain [1] done processing
02:06:51 - cmdstanpy - INFO - Chain [1] start processing
02:06:51 - cmdstanpy - INFO - Chain [1] done processing
02:06:51 - cmdstanpy - INFO - Chain [1] start processing
02:06:51 - cmdstanpy - INFO - Chain [1] done processing
02:06:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:51 - cmdstanpy - INFO - Chain [1] start processing
02:06:52 - cmdstanpy - INFO - Chain [1] done processing
02:06:52 - cmdstanpy - INFO - Chain [1] start processing
02:06:52 - cmdstanpy - INFO - Chain [1] done processing
02:06:52 - cmdstanpy - INFO - Chain [1] start processing
02:06:52 - cmdstanpy - INFO - Chain [1] done processing
02:06:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:52 - cmdstanpy - INFO - Chain [1] start processing
02:06:53 - cmdstanpy - INFO - Chain [1] done processing
02:06:53 - cmdstanpy - INFO - Chain [1] start processing
02:06:53 - cmdstanpy - INFO - Chain [1] done processing
02:06:53 - cmdstanpy - INFO - Chain [1] start processing
02:06:53 - cmdstanpy - INFO - Chain [1] done processing
02:06:54 - cmdstanpy - INFO - Chain [1] start processing
02:06:54 - cmdstanpy - INFO - Chain [1] done processing
02:06:54 - cmdstanpy - INFO - Chain [1] start processing
02:06:54 - cmdstanpy - INFO - Chain [1] done processing
02:06:55 - cmdstanpy - INFO - Chain [1] start processing
02:06:55 - cmdstanpy - INFO - Chain [1] done processing
02:06:55 - cmdstanpy - INFO - Chain [1] start processing
02:06:55 - cmdstanpy - INFO - Chain [1] done processing
02:06:55 - cmdstanpy - INFO - Chain [1] start processing
02:06:55 - cmdstanpy - INFO - Chain [1] done processing
02:06:56 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:06:56 - cmdstanpy - INFO - Chain [1] done processing
02:06:56 - cmdstanpy - INFO - Chain [1] start processing
02:06:56 - cmdstanpy - INFO - Chain [1] done processing
02:06:56 - cmdstanpy - INFO - Chain [1] start processing
02:06:57 - cmdstanpy - INFO - Chain [1] done processing
02:06:57 - cmdstanpy - INFO - Chain [1] start processing
02:06:57 - cmdstanpy - INFO - Chain [1] done processing
02:06:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:06:57 - cmdstanpy - INFO - Chain [1] start processing
02:06:57 - cmdstanpy - INFO - Chain [1] done processing
02:06:58 - cmdstanpy - INFO - Chain [1] start processing
02:06:58 - cmdstanpy - INFO - Chain [1] done processing
02:06:58 - cmdstanpy - INFO - Chain [1] start processing
02:06:58 - cmdstanpy - INFO - Chain [1] done processing
02:06:58 - cmdstanpy - INFO - Chain [1] start processing
02:06:58 - cmdstanpy - INFO - Chain [1] done processing
02:06:59 - cmdstanpy - INFO - Chain [1] start processing
02:06:59 - cmdstanpy - INFO - Chain [1] done processing
02:06:59 - cmdstanpy - INFO - Chain [1] start processing
02:06:59 - cmdstanpy - INFO - Chain [1] done processing
02:06:59 - cmdstanpy - INFO - Chain [1] start processing
02:07:00 - cmdstanpy - INFO - Chain [1] done processing
02:07:00 - cmdstanpy - INFO - Chain [1] start processing
02:07:00 - cmdstanpy - INFO - Chain [1] done processing
02:07:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:00 - cmdstanpy - INFO - Chain [1] start processing
02:07:00 - cmdstanpy - INFO - Chain [1] done processing
02:07:01 - cmdstanpy - INFO - Chain [1] start processing
02:07:01 - cmdstanpy - INFO - Chain [1] done processing
02:07:01 - cmdstanpy - INFO - Chain [1] start processing
02:07:01 - cmdstanpy - INFO - Chain [1] done processing
02:07:01 - cmdstanpy - INFO - Chain [1] start processing
02:07:01 - cmdstanpy - INFO - Chain [1] done processing
02:07:02 - cmdstanpy - INFO - Chain [1] start processing
02:07:02 - cmdstanpy - INFO - Chain [1] done processing
02:07:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:02 - cmdstanpy - INFO - Chain [1] start processing
02:07:02 - cmdstanpy - INFO - Chain [1] done processing
02:07:02 - cmdstanpy - INFO - Chain [1] start processing
02:07:03 - cmdstanpy - INFO - Chain [1] done processing
02:07:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:03 - cmdstanpy - INFO - Chain [1] start processing
02:07:03 - cmdstanpy - INFO - Chain [1] done processing
02:07:03 - cmdstanpy - INFO - Chain [1] start processing
02:07:03 - cmdstanpy - INFO - Chain [1] done processing
02:07:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:03 - cmdstanpy - INFO - Chain [1] start processing
02:07:03 - cmdstanpy - INFO - Chain [1] done processing
02:07:04 - cmdstanpy - INFO - Chain [1] start processing
02:07:04 - cmdstanpy - INFO - Chain [1] done processing
02:07:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:04 - cmdstanpy - INFO - Chain [1] start processing
02:07:05 - cmdstanpy - INFO - Chain [1] done processing
02:07:05 - cmdstanpy - INFO - Chain [1] start processing
02:07:05 - cmdstanpy - INFO - Chain [1] done processing
02:07:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:07:05 - cmdstanpy - INFO - Chain [1] done processing
02:07:06 - cmdstanpy - INFO - Chain [1] start processing
02:07:06 - cmdstanpy - INFO - Chain [1] done processing
02:07:06 - cmdstanpy - INFO - Chain [1] start processing
02:07:06 - cmdstanpy - INFO - Chain [1] done processing
02:07:06 - cmdstanpy - INFO - Chain [1] start processing
02:07:07 - cmdstanpy - INFO - Chain [1] done processing
02:07:07 - cmdstanpy - INFO - Chain [1] start processing
02:07:07 - cmdstanpy - INFO - Chain [1] done processing
02:07:07 - cmdstanpy - INFO - Chain [1] start processing
02:07:07 - cmdstanpy - INFO - Chain [1] done processing
02:07:08 - cmdstanpy - INFO - Chain [1] start processing
02:07:08 - cmdstanpy - INFO - Chain [1] done processing
02:07:08 - cmdstanpy - INFO - Chain [1] start processing
02:07:08 - cmdstanpy - INFO - Chain [1] done processing
02:07:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:08 - cmdstanpy - INFO - Chain [1] start processing
02:07:09 - cmdstanpy - INFO - Chain [1] done processing
02:07:09 - cmdstanpy - INFO - Chain [1] start processing
02:07:09 - cmdstanpy - INFO - Chain [1] done processing
02:07:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:09 - cmdstanpy - INFO - Chain [1] start processing
02:07:09 - cmdstanpy - INFO - Chain [1] done processing
02:07:10 - cmdstanpy - INFO - Chain [1] start processing
02:07:10 - cmdstanpy - INFO - Chain [1] done processing
02:07:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:10 - cmdstanpy - INFO - Chain [1] start processing
02:07:10 - cmdstanpy - INFO - Chain [1] done processing
02:07:10 - cmdstanpy - INFO - Chain [1] start processing
02:07:10 - cmdstanpy - INFO - Chain [1] done processing
02:07:11 - cmdstanpy - INFO - Chain [1] start processing
02:07:11 - cmdstanpy - INFO - Chain [1] done processing
02:07:11 - cmdstanpy - INFO - Chain [1] start processing
02:07:11 - cmdstanpy - INFO - Chain [1] done processing
02:07:11 - cmdstanpy - INFO - Chain [1] start processing
02:07:11 - cmdstanpy - INFO - Chain [1] done processing
02:07:12 - cmdstanpy - INFO - Chain [1] start processing
02:07:12 - cmdstanpy - INFO - Chain [1] done processing
02:07:12 - cmdstanpy - INFO - Chain [1] start processing
02:07:12 - cmdstanpy - INFO - Chain [1] done processing
02:07:13 - cmdstanpy - INFO - Chain [1] start processing
02:07:13 - cmdstanpy - INFO - Chain [1] done processing
02:07:13 - cmdstanpy - INFO - Chain [1] start processing
02:07:13 - cmdstanpy - INFO - Chain [1] done processing
02:07:13 - cmdstanpy - INFO - Chain [1] start processing
02:07:13 - cmdstanpy - INFO - Chain [1] done processing
02:07:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:13 - cmdstanpy - INFO - Chain [1] start processing
02:07:14 - cmdstanpy - INFO - Chain [1] done processing
02:07:14 - cmdstanpy - INFO - Chain [1] start processing
02:07:14 - cmdstanpy - INFO - Chain [1] done processing
02:07:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:14 - cmdstanpy - INFO - Chain [1] start processing
02:07:14 - cmdstanpy - INFO - Chain [1] done processing
02:07:15 - cmdstanpy - INFO - Chain [1] start processing
02:07:15 - cmdstanpy - INFO - Chain [1] done processing
02:07:15 - cmdstanpy - INFO - Chain [1] start processing
02:07:15 - cmdstanpy - INFO - Chain [1] done processing
02:07:16 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:07:16 - cmdstanpy - INFO - Chain [1] done processing
02:07:16 - cmdstanpy - INFO - Chain [1] start processing
02:07:16 - cmdstanpy - INFO - Chain [1] done processing
02:07:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:16 - cmdstanpy - INFO - Chain [1] start processing
02:07:16 - cmdstanpy - INFO - Chain [1] done processing
02:07:17 - cmdstanpy - INFO - Chain [1] start processing
02:07:17 - cmdstanpy - INFO - Chain [1] done processing
02:07:17 - cmdstanpy - INFO - Chain [1] start processing
02:07:17 - cmdstanpy - INFO - Chain [1] done processing
02:07:18 - cmdstanpy - INFO - Chain [1] start processing
02:07:18 - cmdstanpy - INFO - Chain [1] done processing
02:07:18 - cmdstanpy - INFO - Chain [1] start processing
02:07:18 - cmdstanpy - INFO - Chain [1] done processing
02:07:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:18 - cmdstanpy - INFO - Chain [1] start processing
02:07:18 - cmdstanpy - INFO - Chain [1] done processing
02:07:19 - cmdstanpy - INFO - Chain [1] start processing
02:07:19 - cmdstanpy - INFO - Chain [1] done processing
02:07:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:19 - cmdstanpy - INFO - Chain [1] start processing
02:07:19 - cmdstanpy - INFO - Chain [1] done processing
02:07:19 - cmdstanpy - INFO - Chain [1] start processing
02:07:19 - cmdstanpy - INFO - Chain [1] done processing
02:07:20 - cmdstanpy - INFO - Chain [1] start processing
02:07:20 - cmdstanpy - INFO - Chain [1] done processing
02:07:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:20 - cmdstanpy - INFO - Chain [1] start processing
02:07:20 - cmdstanpy - INFO - Chain [1] done processing
02:07:20 - cmdstanpy - INFO - Chain [1] start processing
02:07:20 - cmdstanpy - INFO - Chain [1] done processing
02:07:21 - cmdstanpy - INFO - Chain [1] start processing
02:07:21 - cmdstanpy - INFO - Chain [1] done processing
02:07:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:21 - cmdstanpy - INFO - Chain [1] start processing
02:07:21 - cmdstanpy - INFO - Chain [1] done processing
02:07:21 - cmdstanpy - INFO - Chain [1] start processing
02:07:21 - cmdstanpy - INFO - Chain [1] done processing
02:07:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:21 - cmdstanpy - INFO - Chain [1] start processing
02:07:22 - cmdstanpy - INFO - Chain [1] done processing
02:07:22 - cmdstanpy - INFO - Chain [1] start processing
02:07:22 - cmdstanpy - INFO - Chain [1] done processing
02:07:22 - cmdstanpy - INFO - Chain [1] start processing
02:07:22 - cmdstanpy - INFO - Chain [1] done processing
02:07:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:22 - cmdstanpy - INFO - Chain [1] start processing
02:07:23 - cmdstanpy - INFO - Chain [1] done processing
02:07:23 - cmdstanpy - INFO - Chain [1] start processing
02:07:23 - cmdstanpy - INFO - Chain [1] done processing
02:07:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:23 - cmdstanpy - INFO - Chain [1] start processing
02:07:24 - cmdstanpy - INFO - Chain [1] done processing
02:07:24 - cmdstanpy - INFO - Chain [1] start processing
02:07:24 - cmdstanpy - INFO - Chain [1] done processing
```

02:07:24 - cmdstanpy - INFO - Chain [1] start processing

```
02:07:25 - cmdstanpy - INFO - Chain [1] done processing
02:07:25 - cmdstanpy - INFO - Chain [1] start processing
02:07:25 - cmdstanpy - INFO - Chain [1] done processing
02:07:25 - cmdstanpy - INFO - Chain [1] start processing
02:07:25 - cmdstanpy - INFO - Chain [1] done processing
02:07:26 - cmdstanpy - INFO - Chain [1] start processing
02:07:26 - cmdstanpy - INFO - Chain [1] done processing
02:07:26 - cmdstanpy - INFO - Chain [1] start processing
02:07:26 - cmdstanpy - INFO - Chain [1] done processing
02:07:27 - cmdstanpy - INFO - Chain [1] start processing
02:07:27 - cmdstanpy - INFO - Chain [1] done processing
02:07:27 - cmdstanpy - INFO - Chain [1] start processing
02:07:27 - cmdstanpy - INFO - Chain [1] done processing
02:07:27 - cmdstanpy - INFO - Chain [1] start processing
02:07:28 - cmdstanpy - INFO - Chain [1] done processing
02:07:28 - cmdstanpy - INFO - Chain [1] start processing
02:07:28 - cmdstanpy - INFO - Chain [1] done processing
02:07:28 - cmdstanpy - INFO - Chain [1] start processing
02:07:28 - cmdstanpy - INFO - Chain [1] done processing
02:07:29 - cmdstanpy - INFO - Chain [1] start processing
02:07:29 - cmdstanpy - INFO - Chain [1] done processing
02:07:29 - cmdstanpy - INFO - Chain [1] start processing
02:07:29 - cmdstanpy - INFO - Chain [1] done processing
02:07:29 - cmdstanpy - INFO - Chain [1] start processing
02:07:29 - cmdstanpy - INFO - Chain [1] done processing
02:07:30 - cmdstanpy - INFO - Chain [1] start processing
02:07:30 - cmdstanpy - INFO - Chain [1] done processing
02:07:30 - cmdstanpy - INFO - Chain [1] start processing
02:07:30 - cmdstanpy - INFO - Chain [1] done processing
02:07:30 - cmdstanpy - INFO - Chain [1] start processing
02:07:30 - cmdstanpy - INFO - Chain [1] done processing
02:07:31 - cmdstanpy - INFO - Chain [1] start processing
02:07:31 - cmdstanpy - INFO - Chain [1] done processing
02:07:31 - cmdstanpy - INFO - Chain [1] start processing
02:07:31 - cmdstanpy - INFO - Chain [1] done processing
02:07:32 - cmdstanpy - INFO - Chain [1] start processing
02:07:32 - cmdstanpy - INFO - Chain [1] done processing
02:07:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:32 - cmdstanpy - INFO - Chain [1] start processing
02:07:32 - cmdstanpy - INFO - Chain [1] done processing
02:07:32 - cmdstanpy - INFO - Chain [1] start processing
02:07:32 - cmdstanpy - INFO - Chain [1] done processing
02:07:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:32 - cmdstanpy - INFO - Chain [1] start processing
02:07:33 - cmdstanpy - INFO - Chain [1] done processing
02:07:33 - cmdstanpy - INFO - Chain [1] start processing
02:07:33 - cmdstanpy - INFO - Chain [1] done processing
02:07:33 - cmdstanpy - INFO - Chain [1] start processing
02:07:33 - cmdstanpy - INFO - Chain [1] done processing
02:07:34 - cmdstanpy - INFO - Chain [1] start processing
02:07:34 - cmdstanpy - INFO - Chain [1] done processing
02:07:34 - cmdstanpy - INFO - Chain [1] start processing
02:07:34 - cmdstanpy - INFO - Chain [1] done processing
02:07:35 - cmdstanpy - INFO - Chain [1] start processing
02:07:35 - cmdstanpy - INFO - Chain [1] done processing
02:07:35 - cmdstanpy - INFO - Chain [1] start processing
02:07:35 - cmdstanpy - INFO - Chain [1] done processing
02:07:35 - cmdstanpy - INFO - Chain [1] start processing
02:07:35 - cmdstanpy - INFO - Chain [1] done processing
02:07:36 - cmdstanpy - INFO - Chain [1] start processing
02:07:36 - cmdstanpy - INFO - Chain [1] done processing
02:07:36 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:07:36 - cmdstanpy - INFO - Chain [1] done processing
02:07:36 - cmdstanpy - INFO - Chain [1] start processing
02:07:37 - cmdstanpy - INFO - Chain [1] done processing
02:07:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:37 - cmdstanpy - INFO - Chain [1] start processing
02:07:37 - cmdstanpy - INFO - Chain [1] done processing
02:07:37 - cmdstanpy - INFO - Chain [1] start processing
02:07:37 - cmdstanpy - INFO - Chain [1] done processing
02:07:38 - cmdstanpy - INFO - Chain [1] start processing
02:07:38 - cmdstanpy - INFO - Chain [1] done processing
02:07:38 - cmdstanpy - INFO - Chain [1] start processing
02:07:38 - cmdstanpy - INFO - Chain [1] done processing
02:07:38 - cmdstanpy - INFO - Chain [1] start processing
02:07:38 - cmdstanpy - INFO - Chain [1] done processing
02:07:39 - cmdstanpy - INFO - Chain [1] start processing
02:07:39 - cmdstanpy - INFO - Chain [1] done processing
02:07:39 - cmdstanpy - INFO - Chain [1] start processing
02:07:39 - cmdstanpy - INFO - Chain [1] done processing
02:07:40 - cmdstanpy - INFO - Chain [1] start processing
02:07:40 - cmdstanpy - INFO - Chain [1] done processing
02:07:40 - cmdstanpy - INFO - Chain [1] start processing
02:07:40 - cmdstanpy - INFO - Chain [1] done processing
02:07:40 - cmdstanpy - INFO - Chain [1] start processing
02:07:40 - cmdstanpy - INFO - Chain [1] done processing
02:07:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:40 - cmdstanpy - INFO - Chain [1] start processing
02:07:41 - cmdstanpy - INFO - Chain [1] done processing
02:07:41 - cmdstanpy - INFO - Chain [1] start processing
02:07:41 - cmdstanpy - INFO - Chain [1] done processing
02:07:42 - cmdstanpy - INFO - Chain [1] start processing
02:07:42 - cmdstanpy - INFO - Chain [1] done processing
02:07:42 - cmdstanpy - INFO - Chain [1] start processing
02:07:42 - cmdstanpy - INFO - Chain [1] done processing
02:07:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:42 - cmdstanpy - INFO - Chain [1] start processing
02:07:42 - cmdstanpy - INFO - Chain [1] done processing
02:07:43 - cmdstanpy - INFO - Chain [1] start processing
02:07:43 - cmdstanpy - INFO - Chain [1] done processing
02:07:43 - cmdstanpy - INFO - Chain [1] start processing
02:07:43 - cmdstanpy - INFO - Chain [1] done processing
02:07:43 - cmdstanpy - INFO - Chain [1] start processing
02:07:43 - cmdstanpy - INFO - Chain [1] done processing
02:07:44 - cmdstanpy - INFO - Chain [1] start processing
02:07:44 - cmdstanpy - INFO - Chain [1] done processing
02:07:44 - cmdstanpy - INFO - Chain [1] start processing
02:07:44 - cmdstanpy - INFO - Chain [1] done processing
02:07:45 - cmdstanpy - INFO - Chain [1] start processing
02:07:45 - cmdstanpy - INFO - Chain [1] done processing
02:07:45 - cmdstanpy - INFO - Chain [1] start processing
02:07:45 - cmdstanpy - INFO - Chain [1] done processing
02:07:46 - cmdstanpy - INFO - Chain [1] start processing
02:07:46 - cmdstanpy - INFO - Chain [1] done processing
02:07:46 - cmdstanpy - INFO - Chain [1] start processing
02:07:46 - cmdstanpy - INFO - Chain [1] done processing
02:07:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:46 - cmdstanpy - INFO - Chain [1] start processing
02:07:46 - cmdstanpy - INFO - Chain [1] done processing
02:07:47 - cmdstanpy - INFO - Chain [1] start processing
02:07:47 - cmdstanpy - INFO - Chain [1] done processing
02:07:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:07:47 - cmdstanpy - INFO - Chain [1] done processing
02:07:47 - cmdstanpy - INFO - Chain [1] start processing
02:07:48 - cmdstanpy - INFO - Chain [1] done processing
02:07:48 - cmdstanpy - INFO - Chain [1] start processing
02:07:48 - cmdstanpy - INFO - Chain [1] done processing
02:07:48 - cmdstanpy - INFO - Chain [1] start processing
02:07:48 - cmdstanpy - INFO - Chain [1] done processing
02:07:49 - cmdstanpy - INFO - Chain [1] start processing
02:07:49 - cmdstanpy - INFO - Chain [1] done processing
02:07:49 - cmdstanpy - INFO - Chain [1] start processing
02:07:49 - cmdstanpy - INFO - Chain [1] done processing
02:07:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:49 - cmdstanpy - INFO - Chain [1] start processing
02:07:49 - cmdstanpy - INFO - Chain [1] done processing
02:07:50 - cmdstanpy - INFO - Chain [1] start processing
02:07:50 - cmdstanpy - INFO - Chain [1] done processing
02:07:50 - cmdstanpy - INFO - Chain [1] start processing
02:07:50 - cmdstanpy - INFO - Chain [1] done processing
02:07:51 - cmdstanpy - INFO - Chain [1] start processing
02:07:51 - cmdstanpy - INFO - Chain [1] done processing
02:07:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:51 - cmdstanpy - INFO - Chain [1] start processing
02:07:51 - cmdstanpy - INFO - Chain [1] done processing
02:07:51 - cmdstanpy - INFO - Chain [1] start processing
02:07:51 - cmdstanpy - INFO - Chain [1] done processing
02:07:52 - cmdstanpy - INFO - Chain [1] start processing
02:07:52 - cmdstanpy - INFO - Chain [1] done processing
02:07:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:52 - cmdstanpy - INFO - Chain [1] start processing
02:07:52 - cmdstanpy - INFO - Chain [1] done processing
02:07:52 - cmdstanpy - INFO - Chain [1] start processing
02:07:53 - cmdstanpy - INFO - Chain [1] done processing
02:07:53 - cmdstanpy - INFO - Chain [1] start processing
02:07:53 - cmdstanpy - INFO - Chain [1] done processing
02:07:53 - cmdstanpy - INFO - Chain [1] start processing
02:07:53 - cmdstanpy - INFO - Chain [1] done processing
02:07:54 - cmdstanpy - INFO - Chain [1] start processing
02:07:54 - cmdstanpy - INFO - Chain [1] done processing
02:07:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:54 - cmdstanpy - INFO - Chain [1] start processing
02:07:54 - cmdstanpy - INFO - Chain [1] done processing
02:07:54 - cmdstanpy - INFO - Chain [1] start processing
02:07:54 - cmdstanpy - INFO - Chain [1] done processing
02:07:55 - cmdstanpy - INFO - Chain [1] start processing
02:07:55 - cmdstanpy - INFO - Chain [1] done processing
02:07:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:55 - cmdstanpy - INFO - Chain [1] start processing
02:07:55 - cmdstanpy - INFO - Chain [1] done processing
02:07:55 - cmdstanpy - INFO - Chain [1] start processing
02:07:55 - cmdstanpy - INFO - Chain [1] done processing
02:07:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:55 - cmdstanpy - INFO - Chain [1] start processing
02:07:56 - cmdstanpy - INFO - Chain [1] done processing
02:07:56 - cmdstanpy - INFO - Chain [1] start processing
02:07:56 - cmdstanpy - INFO - Chain [1] done processing
02:07:56 - cmdstanpy - INFO - Chain [1] start processing
02:07:56 - cmdstanpy - INFO - Chain [1] done processing
02:07:57 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:07:57 - cmdstanpy - INFO - Chain [1] done processing
02:07:57 - cmdstanpy - INFO - Chain [1] start processing
02:07:57 - cmdstanpy - INFO - Chain [1] done processing
02:07:58 - cmdstanpy - INFO - Chain [1] start processing
02:07:58 - cmdstanpy - INFO - Chain [1] done processing
02:07:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:58 - cmdstanpy - INFO - Chain [1] start processing
02:07:58 - cmdstanpy - INFO - Chain [1] done processing
02:07:58 - cmdstanpy - INFO - Chain [1] start processing
02:07:58 - cmdstanpy - INFO - Chain [1] done processing
02:07:59 - cmdstanpy - INFO - Chain [1] start processing
02:07:59 - cmdstanpy - INFO - Chain [1] done processing
02:07:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:59 - cmdstanpy - INFO - Chain [1] start processing
02:07:59 - cmdstanpy - INFO - Chain [1] done processing
02:07:59 - cmdstanpy - INFO - Chain [1] start processing
02:07:59 - cmdstanpy - INFO - Chain [1] done processing
02:07:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:07:59 - cmdstanpy - INFO - Chain [1] start processing
02:08:00 - cmdstanpy - INFO - Chain [1] done processing
02:08:00 - cmdstanpy - INFO - Chain [1] start processing
02:08:00 - cmdstanpy - INFO - Chain [1] done processing
02:08:00 - cmdstanpy - INFO - Chain [1] start processing
02:08:00 - cmdstanpy - INFO - Chain [1] done processing
02:08:01 - cmdstanpy - INFO - Chain [1] start processing
02:08:01 - cmdstanpy - INFO - Chain [1] done processing
02:08:01 - cmdstanpy - INFO - Chain [1] start processing
02:08:01 - cmdstanpy - INFO - Chain [1] done processing
02:08:02 - cmdstanpy - INFO - Chain [1] start processing
02:08:02 - cmdstanpy - INFO - Chain [1] done processing
02:08:02 - cmdstanpy - INFO - Chain [1] start processing
02:08:02 - cmdstanpy - INFO - Chain [1] done processing
02:08:02 - cmdstanpy - INFO - Chain [1] start processing
02:08:02 - cmdstanpy - INFO - Chain [1] done processing
02:08:03 - cmdstanpy - INFO - Chain [1] start processing
02:08:03 - cmdstanpy - INFO - Chain [1] done processing
02:08:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:03 - cmdstanpy - INFO - Chain [1] start processing
02:08:03 - cmdstanpy - INFO - Chain [1] done processing
02:08:03 - cmdstanpy - INFO - Chain [1] start processing
02:08:04 - cmdstanpy - INFO - Chain [1] done processing
02:08:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:04 - cmdstanpy - INFO - Chain [1] start processing
02:08:04 - cmdstanpy - INFO - Chain [1] done processing
02:08:04 - cmdstanpy - INFO - Chain [1] start processing
02:08:04 - cmdstanpy - INFO - Chain [1] done processing
02:08:05 - cmdstanpy - INFO - Chain [1] start processing
02:08:05 - cmdstanpy - INFO - Chain [1] done processing
02:08:05 - cmdstanpy - INFO - Chain [1] start processing
02:08:05 - cmdstanpy - INFO - Chain [1] done processing
02:08:05 - cmdstanpy - INFO - Chain [1] start processing
02:08:05 - cmdstanpy - INFO - Chain [1] done processing
02:08:06 - cmdstanpy - INFO - Chain [1] start processing
02:08:06 - cmdstanpy - INFO - Chain [1] done processing
02:08:06 - cmdstanpy - INFO - Chain [1] start processing
02:08:06 - cmdstanpy - INFO - Chain [1] done processing
02:08:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:06 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:08:06 - cmdstanpy - INFO - Chain [1] done processing
02:08:07 - cmdstanpy - INFO - Chain [1] start processing
02:08:07 - cmdstanpy - INFO - Chain [1] done processing
02:08:07 - cmdstanpy - INFO - Chain [1] start processing
02:08:07 - cmdstanpy - INFO - Chain [1] done processing
02:08:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:07 - cmdstanpy - INFO - Chain [1] start processing
02:08:07 - cmdstanpy - INFO - Chain [1] done processing
02:08:08 - cmdstanpy - INFO - Chain [1] start processing
02:08:08 - cmdstanpy - INFO - Chain [1] done processing
02:08:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:08 - cmdstanpy - INFO - Chain [1] start processing
02:08:08 - cmdstanpy - INFO - Chain [1] done processing
02:08:08 - cmdstanpy - INFO - Chain [1] start processing
02:08:08 - cmdstanpy - INFO - Chain [1] done processing
02:08:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:08 - cmdstanpy - INFO - Chain [1] start processing
02:08:09 - cmdstanpy - INFO - Chain [1] done processing
02:08:09 - cmdstanpy - INFO - Chain [1] start processing
02:08:09 - cmdstanpy - INFO - Chain [1] done processing
02:08:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:09 - cmdstanpy - INFO - Chain [1] start processing
02:08:09 - cmdstanpy - INFO - Chain [1] done processing
02:08:09 - cmdstanpy - INFO - Chain [1] start processing
02:08:09 - cmdstanpy - INFO - Chain [1] done processing
02:08:10 - cmdstanpy - INFO - Chain [1] start processing
02:08:10 - cmdstanpy - INFO - Chain [1] done processing
02:08:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:10 - cmdstanpy - INFO - Chain [1] start processing
02:08:10 - cmdstanpy - INFO - Chain [1] done processing
02:08:11 - cmdstanpy - INFO - Chain [1] start processing
02:08:11 - cmdstanpy - INFO - Chain [1] done processing
02:08:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:11 - cmdstanpy - INFO - Chain [1] start processing
02:08:11 - cmdstanpy - INFO - Chain [1] done processing
02:08:11 - cmdstanpy - INFO - Chain [1] start processing
02:08:11 - cmdstanpy - INFO - Chain [1] done processing
02:08:12 - cmdstanpy - INFO - Chain [1] start processing
02:08:12 - cmdstanpy - INFO - Chain [1] done processing
02:08:12 - cmdstanpy - INFO - Chain [1] start processing
02:08:12 - cmdstanpy - INFO - Chain [1] done processing
02:08:12 - cmdstanpy - INFO - Chain [1] start processing
02:08:12 - cmdstanpy - INFO - Chain [1] done processing
02:08:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:12 - cmdstanpy - INFO - Chain [1] start processing
02:08:13 - cmdstanpy - INFO - Chain [1] done processing
02:08:13 - cmdstanpy - INFO - Chain [1] start processing
02:08:13 - cmdstanpy - INFO - Chain [1] done processing
02:08:14 - cmdstanpy - INFO - Chain [1] start processing
02:08:14 - cmdstanpy - INFO - Chain [1] done processing
02:08:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:14 - cmdstanpy - INFO - Chain [1] start processing
02:08:14 - cmdstanpy - INFO - Chain [1] done processing
02:08:14 - cmdstanpy - INFO - Chain [1] start processing
02:08:15 - cmdstanpy - INFO - Chain [1] done processing
02:08:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:08:15 - cmdstanpy - INFO - Chain [1] done processing
02:08:15 - cmdstanpy - INFO - Chain [1] start processing
02:08:15 - cmdstanpy - INFO - Chain [1] done processing
02:08:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:15 - cmdstanpy - INFO - Chain [1] start processing
02:08:16 - cmdstanpy - INFO - Chain [1] done processing
02:08:16 - cmdstanpy - INFO - Chain [1] start processing
02:08:16 - cmdstanpy - INFO - Chain [1] done processing
02:08:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:16 - cmdstanpy - INFO - Chain [1] start processing
02:08:16 - cmdstanpy - INFO - Chain [1] done processing
02:08:17 - cmdstanpy - INFO - Chain [1] start processing
02:08:17 - cmdstanpy - INFO - Chain [1] done processing
02:08:17 - cmdstanpy - INFO - Chain [1] start processing
02:08:17 - cmdstanpy - INFO - Chain [1] done processing
02:08:17 - cmdstanpy - INFO - Chain [1] start processing
02:08:17 - cmdstanpy - INFO - Chain [1] done processing
02:08:18 - cmdstanpy - INFO - Chain [1] start processing
02:08:18 - cmdstanpy - INFO - Chain [1] done processing
02:08:18 - cmdstanpy - INFO - Chain [1] start processing
02:08:18 - cmdstanpy - INFO - Chain [1] done processing
02:08:18 - cmdstanpy - INFO - Chain [1] start processing
02:08:19 - cmdstanpy - INFO - Chain [1] done processing
02:08:19 - cmdstanpy - INFO - Chain [1] start processing
02:08:19 - cmdstanpy - INFO - Chain [1] done processing
02:08:19 - cmdstanpy - INFO - Chain [1] start processing
02:08:19 - cmdstanpy - INFO - Chain [1] done processing
02:08:20 - cmdstanpy - INFO - Chain [1] start processing
02:08:20 - cmdstanpy - INFO - Chain [1] done processing
02:08:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:20 - cmdstanpy - INFO - Chain [1] start processing
02:08:20 - cmdstanpy - INFO - Chain [1] done processing
02:08:20 - cmdstanpy - INFO - Chain [1] start processing
02:08:20 - cmdstanpy - INFO - Chain [1] done processing
02:08:21 - cmdstanpy - INFO - Chain [1] start processing
02:08:21 - cmdstanpy - INFO - Chain [1] done processing
02:08:21 - cmdstanpy - INFO - Chain [1] start processing
02:08:21 - cmdstanpy - INFO - Chain [1] done processing
02:08:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:21 - cmdstanpy - INFO - Chain [1] start processing
02:08:22 - cmdstanpy - INFO - Chain [1] done processing
02:08:22 - cmdstanpy - INFO - Chain [1] start processing
02:08:22 - cmdstanpy - INFO - Chain [1] done processing
02:08:22 - cmdstanpy - INFO - Chain [1] start processing
02:08:22 - cmdstanpy - INFO - Chain [1] done processing
02:08:23 - cmdstanpy - INFO - Chain [1] start processing
02:08:23 - cmdstanpy - INFO - Chain [1] done processing
02:08:23 - cmdstanpy - INFO - Chain [1] start processing
02:08:23 - cmdstanpy - INFO - Chain [1] done processing
02:08:24 - cmdstanpy - INFO - Chain [1] start processing
02:08:24 - cmdstanpy - INFO - Chain [1] done processing
02:08:24 - cmdstanpy - INFO - Chain [1] start processing
02:08:24 - cmdstanpy - INFO - Chain [1] done processing
02:08:24 - cmdstanpy - INFO - Chain [1] start processing
02:08:24 - cmdstanpy - INFO - Chain [1] done processing
02:08:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:24 - cmdstanpy - INFO - Chain [1] start processing
02:08:25 - cmdstanpy - INFO - Chain [1] done processing
02:08:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:08:25 - cmdstanpy - INFO - Chain [1] done processing
02:08:25 - cmdstanpy - INFO - Chain [1] start processing
02:08:25 - cmdstanpy - INFO - Chain [1] done processing
02:08:26 - cmdstanpy - INFO - Chain [1] start processing
02:08:26 - cmdstanpy - INFO - Chain [1] done processing
02:08:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:26 - cmdstanpy - INFO - Chain [1] start processing
02:08:26 - cmdstanpy - INFO - Chain [1] done processing
02:08:26 - cmdstanpy - INFO - Chain [1] start processing
02:08:26 - cmdstanpy - INFO - Chain [1] done processing
02:08:27 - cmdstanpy - INFO - Chain [1] start processing
02:08:27 - cmdstanpy - INFO - Chain [1] done processing
02:08:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:27 - cmdstanpy - INFO - Chain [1] start processing
02:08:27 - cmdstanpy - INFO - Chain [1] done processing
02:08:27 - cmdstanpy - INFO - Chain [1] start processing
02:08:28 - cmdstanpy - INFO - Chain [1] done processing
02:08:28 - cmdstanpy - INFO - Chain [1] start processing
02:08:28 - cmdstanpy - INFO - Chain [1] done processing
02:08:28 - cmdstanpy - INFO - Chain [1] start processing
02:08:28 - cmdstanpy - INFO - Chain [1] done processing
02:08:29 - cmdstanpy - INFO - Chain [1] start processing
02:08:29 - cmdstanpy - INFO - Chain [1] done processing
02:08:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:29 - cmdstanpy - INFO - Chain [1] start processing
02:08:29 - cmdstanpy - INFO - Chain [1] done processing
02:08:29 - cmdstanpy - INFO - Chain [1] start processing
02:08:29 - cmdstanpy - INFO - Chain [1] done processing
02:08:30 - cmdstanpy - INFO - Chain [1] start processing
02:08:30 - cmdstanpy - INFO - Chain [1] done processing
02:08:30 - cmdstanpy - INFO - Chain [1] start processing
02:08:30 - cmdstanpy - INFO - Chain [1] done processing
02:08:30 - cmdstanpy - INFO - Chain [1] start processing
02:08:30 - cmdstanpy - INFO - Chain [1] done processing
02:08:31 - cmdstanpy - INFO - Chain [1] start processing
02:08:31 - cmdstanpy - INFO - Chain [1] done processing
02:08:31 - cmdstanpy - INFO - Chain [1] start processing
02:08:31 - cmdstanpy - INFO - Chain [1] done processing
02:08:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:31 - cmdstanpy - INFO - Chain [1] start processing
02:08:31 - cmdstanpy - INFO - Chain [1] done processing
02:08:32 - cmdstanpy - INFO - Chain [1] start processing
02:08:32 - cmdstanpy - INFO - Chain [1] done processing
02:08:32 - cmdstanpy - INFO - Chain [1] start processing
02:08:32 - cmdstanpy - INFO - Chain [1] done processing
02:08:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:32 - cmdstanpy - INFO - Chain [1] start processing
02:08:32 - cmdstanpy - INFO - Chain [1] done processing
02:08:33 - cmdstanpy - INFO - Chain [1] start processing
02:08:33 - cmdstanpy - INFO - Chain [1] done processing
02:08:33 - cmdstanpy - INFO - Chain [1] start processing
02:08:33 - cmdstanpy - INFO - Chain [1] done processing
02:08:33 - cmdstanpy - INFO - Chain [1] start processing
02:08:33 - cmdstanpy - INFO - Chain [1] done processing
02:08:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:34 - cmdstanpy - INFO - Chain [1] start processing
02:08:34 - cmdstanpy - INFO - Chain [1] done processing
02:08:34 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:08:34 - cmdstanpy - INFO - Chain [1] done processing
02:08:35 - cmdstanpy - INFO - Chain [1] start processing
02:08:35 - cmdstanpy - INFO - Chain [1] done processing
02:08:35 - cmdstanpy - INFO - Chain [1] start processing
02:08:35 - cmdstanpy - INFO - Chain [1] done processing
02:08:35 - cmdstanpy - INFO - Chain [1] start processing
02:08:35 - cmdstanpy - INFO - Chain [1] done processing
02:08:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:35 - cmdstanpy - INFO - Chain [1] start processing
02:08:36 - cmdstanpy - INFO - Chain [1] done processing
02:08:36 - cmdstanpy - INFO - Chain [1] start processing
02:08:36 - cmdstanpy - INFO - Chain [1] done processing
02:08:36 - cmdstanpy - INFO - Chain [1] start processing
02:08:36 - cmdstanpy - INFO - Chain [1] done processing
02:08:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:36 - cmdstanpy - INFO - Chain [1] start processing
02:08:37 - cmdstanpy - INFO - Chain [1] done processing
02:08:37 - cmdstanpy - INFO - Chain [1] start processing
02:08:37 - cmdstanpy - INFO - Chain [1] done processing
02:08:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:37 - cmdstanpy - INFO - Chain [1] start processing
02:08:37 - cmdstanpy - INFO - Chain [1] done processing
02:08:38 - cmdstanpy - INFO - Chain [1] start processing
02:08:38 - cmdstanpy - INFO - Chain [1] done processing
02:08:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:38 - cmdstanpy - INFO - Chain [1] start processing
02:08:38 - cmdstanpy - INFO - Chain [1] done processing
02:08:39 - cmdstanpy - INFO - Chain [1] start processing
02:08:39 - cmdstanpy - INFO - Chain [1] done processing
02:08:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:39 - cmdstanpy - INFO - Chain [1] start processing
02:08:39 - cmdstanpy - INFO - Chain [1] done processing
02:08:39 - cmdstanpy - INFO - Chain [1] start processing
02:08:39 - cmdstanpy - INFO - Chain [1] done processing
02:08:39 - cmdstanpy - INFO - Chain [1] start processing
02:08:39 - cmdstanpy - INFO - Chain [1] done processing
02:08:40 - cmdstanpy - INFO - Chain [1] start processing
02:08:40 - cmdstanpy - INFO - Chain [1] done processing
02:08:40 - cmdstanpy - INFO - Chain [1] start processing
02:08:40 - cmdstanpy - INFO - Chain [1] done processing
02:08:40 - cmdstanpy - INFO - Chain [1] start processing
02:08:41 - cmdstanpy - INFO - Chain [1] done processing
02:08:41 - cmdstanpy - INFO - Chain [1] start processing
02:08:41 - cmdstanpy - INFO - Chain [1] done processing
02:08:41 - cmdstanpy - INFO - Chain [1] start processing
02:08:41 - cmdstanpy - INFO - Chain [1] done processing
02:08:42 - cmdstanpy - INFO - Chain [1] start processing
02:08:42 - cmdstanpy - INFO - Chain [1] done processing
02:08:42 - cmdstanpy - INFO - Chain [1] start processing
02:08:42 - cmdstanpy - INFO - Chain [1] done processing
02:08:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:42 - cmdstanpy - INFO - Chain [1] start processing
02:08:42 - cmdstanpy - INFO - Chain [1] done processing
02:08:43 - cmdstanpy - INFO - Chain [1] start processing
02:08:43 - cmdstanpy - INFO - Chain [1] done processing
02:08:43 - cmdstanpy - INFO - Chain [1] start processing
02:08:43 - cmdstanpy - INFO - Chain [1] done processing
02:08:44 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:08:44 - cmdstanpy - INFO - Chain [1] done processing
02:08:44 - cmdstanpy - INFO - Chain [1] start processing
02:08:44 - cmdstanpy - INFO - Chain [1] done processing
02:08:44 - cmdstanpy - INFO - Chain [1] start processing
02:08:44 - cmdstanpy - INFO - Chain [1] done processing
02:08:45 - cmdstanpy - INFO - Chain [1] start processing
02:08:45 - cmdstanpy - INFO - Chain [1] done processing
02:08:45 - cmdstanpy - INFO - Chain [1] start processing
02:08:45 - cmdstanpy - INFO - Chain [1] done processing
02:08:46 - cmdstanpy - INFO - Chain [1] start processing
02:08:46 - cmdstanpy - INFO - Chain [1] done processing
02:08:46 - cmdstanpy - INFO - Chain [1] start processing
02:08:46 - cmdstanpy - INFO - Chain [1] done processing
02:08:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:46 - cmdstanpy - INFO - Chain [1] start processing
02:08:46 - cmdstanpy - INFO - Chain [1] done processing
02:08:47 - cmdstanpy - INFO - Chain [1] start processing
02:08:47 - cmdstanpy - INFO - Chain [1] done processing
02:08:47 - cmdstanpy - INFO - Chain [1] start processing
02:08:47 - cmdstanpy - INFO - Chain [1] done processing
02:08:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:47 - cmdstanpy - INFO - Chain [1] start processing
02:08:48 - cmdstanpy - INFO - Chain [1] done processing
02:08:48 - cmdstanpy - INFO - Chain [1] start processing
02:08:48 - cmdstanpy - INFO - Chain [1] done processing
02:08:48 - cmdstanpy - INFO - Chain [1] start processing
02:08:48 - cmdstanpy - INFO - Chain [1] done processing
02:08:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:48 - cmdstanpy - INFO - Chain [1] start processing
02:08:49 - cmdstanpy - INFO - Chain [1] done processing
02:08:49 - cmdstanpy - INFO - Chain [1] start processing
02:08:49 - cmdstanpy - INFO - Chain [1] done processing
02:08:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:49 - cmdstanpy - INFO - Chain [1] start processing
02:08:49 - cmdstanpy - INFO - Chain [1] done processing
02:08:49 - cmdstanpy - INFO - Chain [1] start processing
02:08:50 - cmdstanpy - INFO - Chain [1] done processing
02:08:50 - cmdstanpy - INFO - Chain [1] start processing
02:08:50 - cmdstanpy - INFO - Chain [1] done processing
02:08:50 - cmdstanpy - INFO - Chain [1] start processing
02:08:50 - cmdstanpy - INFO - Chain [1] done processing
02:08:51 - cmdstanpy - INFO - Chain [1] start processing
02:08:51 - cmdstanpy - INFO - Chain [1] done processing
02:08:51 - cmdstanpy - INFO - Chain [1] start processing
02:08:51 - cmdstanpy - INFO - Chain [1] done processing
02:08:51 - cmdstanpy - INFO - Chain [1] start processing
02:08:52 - cmdstanpy - INFO - Chain [1] done processing
02:08:52 - cmdstanpy - INFO - Chain [1] start processing
02:08:52 - cmdstanpy - INFO - Chain [1] done processing
02:08:52 - cmdstanpy - INFO - Chain [1] start processing
02:08:52 - cmdstanpy - INFO - Chain [1] done processing
02:08:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:52 - cmdstanpy - INFO - Chain [1] start processing
02:08:53 - cmdstanpy - INFO - Chain [1] done processing
02:08:53 - cmdstanpy - INFO - Chain [1] start processing
02:08:53 - cmdstanpy - INFO - Chain [1] done processing
02:08:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:08:53 - cmdstanpy - INFO - Chain [1] done processing
02:08:53 - cmdstanpy - INFO - Chain [1] start processing
02:08:54 - cmdstanpy - INFO - Chain [1] done processing
02:08:54 - cmdstanpy - INFO - Chain [1] start processing
02:08:54 - cmdstanpy - INFO - Chain [1] done processing
02:08:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:54 - cmdstanpy - INFO - Chain [1] start processing
02:08:54 - cmdstanpy - INFO - Chain [1] done processing
02:08:54 - cmdstanpy - INFO - Chain [1] start processing
02:08:55 - cmdstanpy - INFO - Chain [1] done processing
02:08:55 - cmdstanpy - INFO - Chain [1] start processing
02:08:55 - cmdstanpy - INFO - Chain [1] done processing
02:08:55 - cmdstanpy - INFO - Chain [1] start processing
02:08:55 - cmdstanpy - INFO - Chain [1] done processing
02:08:56 - cmdstanpy - INFO - Chain [1] start processing
02:08:56 - cmdstanpy - INFO - Chain [1] done processing
02:08:56 - cmdstanpy - INFO - Chain [1] start processing
02:08:56 - cmdstanpy - INFO - Chain [1] done processing
02:08:57 - cmdstanpy - INFO - Chain [1] start processing
02:08:57 - cmdstanpy - INFO - Chain [1] done processing
02:08:57 - cmdstanpy - INFO - Chain [1] start processing
02:08:57 - cmdstanpy - INFO - Chain [1] done processing
02:08:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:57 - cmdstanpy - INFO - Chain [1] start processing
02:08:57 - cmdstanpy - INFO - Chain [1] done processing
02:08:58 - cmdstanpy - INFO - Chain [1] start processing
02:08:58 - cmdstanpy - INFO - Chain [1] done processing
02:08:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:08:58 - cmdstanpy - INFO - Chain [1] start processing
02:08:58 - cmdstanpy - INFO - Chain [1] done processing
02:08:58 - cmdstanpy - INFO - Chain [1] start processing
02:08:58 - cmdstanpy - INFO - Chain [1] done processing
02:08:59 - cmdstanpy - INFO - Chain [1] start processing
02:08:59 - cmdstanpy - INFO - Chain [1] done processing
02:08:59 - cmdstanpy - INFO - Chain [1] start processing
02:08:59 - cmdstanpy - INFO - Chain [1] done processing
02:08:59 - cmdstanpy - INFO - Chain [1] start processing
02:08:59 - cmdstanpy - INFO - Chain [1] done processing
02:09:00 - cmdstanpy - INFO - Chain [1] start processing
02:09:00 - cmdstanpy - INFO - Chain [1] done processing
02:09:00 - cmdstanpy - INFO - Chain [1] start processing
02:09:00 - cmdstanpy - INFO - Chain [1] done processing
02:09:01 - cmdstanpy - INFO - Chain [1] start processing
02:09:01 - cmdstanpy - INFO - Chain [1] done processing
02:09:01 - cmdstanpy - INFO - Chain [1] start processing
02:09:01 - cmdstanpy - INFO - Chain [1] done processing
02:09:01 - cmdstanpy - INFO - Chain [1] start processing
02:09:01 - cmdstanpy - INFO - Chain [1] done processing
02:09:02 - cmdstanpy - INFO - Chain [1] start processing
02:09:02 - cmdstanpy - INFO - Chain [1] done processing
02:09:02 - cmdstanpy - INFO - Chain [1] start processing
02:09:02 - cmdstanpy - INFO - Chain [1] done processing
02:09:03 - cmdstanpy - INFO - Chain [1] start processing
02:09:03 - cmdstanpy - INFO - Chain [1] done processing
02:09:03 - cmdstanpy - INFO - Chain [1] start processing
02:09:03 - cmdstanpy - INFO - Chain [1] done processing
02:09:04 - cmdstanpy - INFO - Chain [1] start processing
02:09:04 - cmdstanpy - INFO - Chain [1] done processing
02:09:04 - cmdstanpy - INFO - Chain [1] start processing
02:09:04 - cmdstanpy - INFO - Chain [1] done processing
02:09:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:09:05 - cmdstanpy - INFO - Chain [1] done processing
02:09:05 - cmdstanpy - INFO - Chain [1] start processing
02:09:05 - cmdstanpy - INFO - Chain [1] done processing
02:09:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:05 - cmdstanpy - INFO - Chain [1] start processing
02:09:05 - cmdstanpy - INFO - Chain [1] done processing
02:09:06 - cmdstanpy - INFO - Chain [1] start processing
02:09:06 - cmdstanpy - INFO - Chain [1] done processing
02:09:06 - cmdstanpy - INFO - Chain [1] start processing
02:09:06 - cmdstanpy - INFO - Chain [1] done processing
02:09:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:06 - cmdstanpy - INFO - Chain [1] start processing
02:09:07 - cmdstanpy - INFO - Chain [1] done processing
02:09:07 - cmdstanpy - INFO - Chain [1] start processing
02:09:07 - cmdstanpy - INFO - Chain [1] done processing
02:09:08 - cmdstanpy - INFO - Chain [1] start processing
02:09:08 - cmdstanpy - INFO - Chain [1] done processing
02:09:08 - cmdstanpy - INFO - Chain [1] start processing
02:09:08 - cmdstanpy - INFO - Chain [1] done processing
02:09:09 - cmdstanpy - INFO - Chain [1] start processing
02:09:09 - cmdstanpy - INFO - Chain [1] done processing
02:09:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:09 - cmdstanpy - INFO - Chain [1] start processing
02:09:09 - cmdstanpy - INFO - Chain [1] done processing
02:09:09 - cmdstanpy - INFO - Chain [1] start processing
02:09:09 - cmdstanpy - INFO - Chain [1] done processing
02:09:10 - cmdstanpy - INFO - Chain [1] start processing
02:09:10 - cmdstanpy - INFO - Chain [1] done processing
02:09:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:10 - cmdstanpy - INFO - Chain [1] start processing
02:09:10 - cmdstanpy - INFO - Chain [1] done processing
02:09:10 - cmdstanpy - INFO - Chain [1] start processing
02:09:10 - cmdstanpy - INFO - Chain [1] done processing
02:09:11 - cmdstanpy - INFO - Chain [1] start processing
02:09:11 - cmdstanpy - INFO - Chain [1] done processing
02:09:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:11 - cmdstanpy - INFO - Chain [1] start processing
02:09:11 - cmdstanpy - INFO - Chain [1] done processing
02:09:11 - cmdstanpy - INFO - Chain [1] start processing
02:09:11 - cmdstanpy - INFO - Chain [1] done processing
02:09:12 - cmdstanpy - INFO - Chain [1] start processing
02:09:12 - cmdstanpy - INFO - Chain [1] done processing
02:09:12 - cmdstanpy - INFO - Chain [1] start processing
02:09:12 - cmdstanpy - INFO - Chain [1] done processing
02:09:12 - cmdstanpy - INFO - Chain [1] start processing
02:09:13 - cmdstanpy - INFO - Chain [1] done processing
02:09:13 - cmdstanpy - INFO - Chain [1] start processing
02:09:13 - cmdstanpy - INFO - Chain [1] done processing
02:09:13 - cmdstanpy - INFO - Chain [1] start processing
02:09:13 - cmdstanpy - INFO - Chain [1] done processing
02:09:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:13 - cmdstanpy - INFO - Chain [1] start processing
02:09:14 - cmdstanpy - INFO - Chain [1] done processing
02:09:14 - cmdstanpy - INFO - Chain [1] start processing
02:09:14 - cmdstanpy - INFO - Chain [1] done processing
02:09:14 - cmdstanpy - INFO - Chain [1] start processing
02:09:14 - cmdstanpy - INFO - Chain [1] done processing
02:09:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:09:15 - cmdstanpy - INFO - Chain [1] done processing
02:09:15 - cmdstanpy - INFO - Chain [1] start processing
02:09:15 - cmdstanpy - INFO - Chain [1] done processing
02:09:16 - cmdstanpy - INFO - Chain [1] start processing
02:09:16 - cmdstanpy - INFO - Chain [1] done processing
02:09:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:16 - cmdstanpy - INFO - Chain [1] start processing
02:09:16 - cmdstanpy - INFO - Chain [1] done processing
02:09:16 - cmdstanpy - INFO - Chain [1] start processing
02:09:16 - cmdstanpy - INFO - Chain [1] done processing
02:09:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:16 - cmdstanpy - INFO - Chain [1] start processing
02:09:17 - cmdstanpy - INFO - Chain [1] done processing
02:09:17 - cmdstanpy - INFO - Chain [1] start processing
02:09:17 - cmdstanpy - INFO - Chain [1] done processing
02:09:17 - cmdstanpy - INFO - Chain [1] start processing
02:09:17 - cmdstanpy - INFO - Chain [1] done processing
02:09:18 - cmdstanpy - INFO - Chain [1] start processing
02:09:18 - cmdstanpy - INFO - Chain [1] done processing
02:09:18 - cmdstanpy - INFO - Chain [1] start processing
02:09:18 - cmdstanpy - INFO - Chain [1] done processing
02:09:18 - cmdstanpy - INFO - Chain [1] start processing
02:09:19 - cmdstanpy - INFO - Chain [1] done processing
02:09:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:19 - cmdstanpy - INFO - Chain [1] start processing
02:09:19 - cmdstanpy - INFO - Chain [1] done processing
02:09:19 - cmdstanpy - INFO - Chain [1] start processing
02:09:19 - cmdstanpy - INFO - Chain [1] done processing
02:09:20 - cmdstanpy - INFO - Chain [1] start processing
02:09:20 - cmdstanpy - INFO - Chain [1] done processing
02:09:20 - cmdstanpy - INFO - Chain [1] start processing
02:09:20 - cmdstanpy - INFO - Chain [1] done processing
02:09:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:20 - cmdstanpy - INFO - Chain [1] start processing
02:09:20 - cmdstanpy - INFO - Chain [1] done processing
02:09:21 - cmdstanpy - INFO - Chain [1] start processing
02:09:21 - cmdstanpy - INFO - Chain [1] done processing
02:09:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:21 - cmdstanpy - INFO - Chain [1] start processing
02:09:21 - cmdstanpy - INFO - Chain [1] done processing
02:09:21 - cmdstanpy - INFO - Chain [1] start processing
02:09:21 - cmdstanpy - INFO - Chain [1] done processing
02:09:22 - cmdstanpy - INFO - Chain [1] start processing
02:09:22 - cmdstanpy - INFO - Chain [1] done processing
02:09:22 - cmdstanpy - INFO - Chain [1] start processing
02:09:22 - cmdstanpy - INFO - Chain [1] done processing
02:09:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:22 - cmdstanpy - INFO - Chain [1] start processing
02:09:23 - cmdstanpy - INFO - Chain [1] done processing
02:09:23 - cmdstanpy - INFO - Chain [1] start processing
02:09:23 - cmdstanpy - INFO - Chain [1] done processing
02:09:23 - cmdstanpy - INFO - Chain [1] start processing
02:09:23 - cmdstanpy - INFO - Chain [1] done processing
02:09:24 - cmdstanpy - INFO - Chain [1] start processing
02:09:24 - cmdstanpy - INFO - Chain [1] done processing
02:09:24 - cmdstanpy - INFO - Chain [1] start processing
02:09:24 - cmdstanpy - INFO - Chain [1] done processing
02:09:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:09:25 - cmdstanpy - INFO - Chain [1] done processing
02:09:25 - cmdstanpy - INFO - Chain [1] start processing
02:09:25 - cmdstanpy - INFO - Chain [1] done processing
02:09:25 - cmdstanpy - INFO - Chain [1] start processing
02:09:25 - cmdstanpy - INFO - Chain [1] done processing
02:09:26 - cmdstanpy - INFO - Chain [1] start processing
02:09:26 - cmdstanpy - INFO - Chain [1] done processing
02:09:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:26 - cmdstanpy - INFO - Chain [1] start processing
02:09:26 - cmdstanpy - INFO - Chain [1] done processing
02:09:26 - cmdstanpy - INFO - Chain [1] start processing
02:09:27 - cmdstanpy - INFO - Chain [1] done processing
02:09:27 - cmdstanpy - INFO - Chain [1] start processing
02:09:27 - cmdstanpy - INFO - Chain [1] done processing
02:09:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:27 - cmdstanpy - INFO - Chain [1] start processing
02:09:27 - cmdstanpy - INFO - Chain [1] done processing
02:09:27 - cmdstanpy - INFO - Chain [1] start processing
02:09:28 - cmdstanpy - INFO - Chain [1] done processing
02:09:28 - cmdstanpy - INFO - Chain [1] start processing
02:09:28 - cmdstanpy - INFO - Chain [1] done processing
02:09:28 - cmdstanpy - INFO - Chain [1] start processing
02:09:28 - cmdstanpy - INFO - Chain [1] done processing
02:09:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:28 - cmdstanpy - INFO - Chain [1] start processing
02:09:29 - cmdstanpy - INFO - Chain [1] done processing
02:09:29 - cmdstanpy - INFO - Chain [1] start processing
02:09:29 - cmdstanpy - INFO - Chain [1] done processing
02:09:30 - cmdstanpy - INFO - Chain [1] start processing
02:09:30 - cmdstanpy - INFO - Chain [1] done processing
02:09:30 - cmdstanpy - INFO - Chain [1] start processing
02:09:30 - cmdstanpy - INFO - Chain [1] done processing
02:09:30 - cmdstanpy - INFO - Chain [1] start processing
02:09:30 - cmdstanpy - INFO - Chain [1] done processing
02:09:31 - cmdstanpy - INFO - Chain [1] start processing
02:09:31 - cmdstanpy - INFO - Chain [1] done processing
02:09:31 - cmdstanpy - INFO - Chain [1] start processing
02:09:31 - cmdstanpy - INFO - Chain [1] done processing
02:09:31 - cmdstanpy - INFO - Chain [1] start processing
02:09:31 - cmdstanpy - INFO - Chain [1] done processing
02:09:32 - cmdstanpy - INFO - Chain [1] start processing
02:09:32 - cmdstanpy - INFO - Chain [1] done processing
02:09:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:32 - cmdstanpy - INFO - Chain [1] start processing
02:09:32 - cmdstanpy - INFO - Chain [1] done processing
02:09:32 - cmdstanpy - INFO - Chain [1] start processing
02:09:32 - cmdstanpy - INFO - Chain [1] done processing
02:09:33 - cmdstanpy - INFO - Chain [1] start processing
02:09:33 - cmdstanpy - INFO - Chain [1] done processing
02:09:33 - cmdstanpy - INFO - Chain [1] start processing
02:09:33 - cmdstanpy - INFO - Chain [1] done processing
02:09:34 - cmdstanpy - INFO - Chain [1] start processing
02:09:34 - cmdstanpy - INFO - Chain [1] done processing
02:09:34 - cmdstanpy - INFO - Chain [1] start processing
02:09:34 - cmdstanpy - INFO - Chain [1] done processing
02:09:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:34 - cmdstanpy - INFO - Chain [1] start processing
02:09:34 - cmdstanpy - INFO - Chain [1] done processing
02:09:34 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:09:35 - cmdstanpy - INFO - Chain [1] done processing
02:09:35 - cmdstanpy - INFO - Chain [1] start processing
02:09:35 - cmdstanpy - INFO - Chain [1] done processing
02:09:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:35 - cmdstanpy - INFO - Chain [1] start processing
02:09:35 - cmdstanpy - INFO - Chain [1] done processing
02:09:35 - cmdstanpy - INFO - Chain [1] start processing
02:09:36 - cmdstanpy - INFO - Chain [1] done processing
02:09:36 - cmdstanpy - INFO - Chain [1] start processing
02:09:36 - cmdstanpy - INFO - Chain [1] done processing
02:09:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:36 - cmdstanpy - INFO - Chain [1] start processing
02:09:36 - cmdstanpy - INFO - Chain [1] done processing
02:09:37 - cmdstanpy - INFO - Chain [1] start processing
02:09:37 - cmdstanpy - INFO - Chain [1] done processing
02:09:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:37 - cmdstanpy - INFO - Chain [1] start processing
02:09:37 - cmdstanpy - INFO - Chain [1] done processing
02:09:37 - cmdstanpy - INFO - Chain [1] start processing
02:09:38 - cmdstanpy - INFO - Chain [1] done processing
02:09:38 - cmdstanpy - INFO - Chain [1] start processing
02:09:38 - cmdstanpy - INFO - Chain [1] done processing
02:09:38 - cmdstanpy - INFO - Chain [1] start processing
02:09:38 - cmdstanpy - INFO - Chain [1] done processing
02:09:39 - cmdstanpy - INFO - Chain [1] start processing
02:09:39 - cmdstanpy - INFO - Chain [1] done processing
02:09:39 - cmdstanpy - INFO - Chain [1] start processing
02:09:39 - cmdstanpy - INFO - Chain [1] done processing
02:09:39 - cmdstanpy - INFO - Chain [1] start processing
02:09:39 - cmdstanpy - INFO - Chain [1] done processing
02:09:40 - cmdstanpy - INFO - Chain [1] start processing
02:09:40 - cmdstanpy - INFO - Chain [1] done processing
02:09:40 - cmdstanpy - INFO - Chain [1] start processing
02:09:40 - cmdstanpy - INFO - Chain [1] done processing
02:09:41 - cmdstanpy - INFO - Chain [1] start processing
02:09:41 - cmdstanpy - INFO - Chain [1] done processing
02:09:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:41 - cmdstanpy - INFO - Chain [1] start processing
02:09:41 - cmdstanpy - INFO - Chain [1] done processing
02:09:41 - cmdstanpy - INFO - Chain [1] start processing
02:09:41 - cmdstanpy - INFO - Chain [1] done processing
02:09:42 - cmdstanpy - INFO - Chain [1] start processing
02:09:42 - cmdstanpy - INFO - Chain [1] done processing
02:09:42 - cmdstanpy - INFO - Chain [1] start processing
02:09:42 - cmdstanpy - INFO - Chain [1] done processing
02:09:42 - cmdstanpy - INFO - Chain [1] start processing
02:09:43 - cmdstanpy - INFO - Chain [1] done processing
02:09:43 - cmdstanpy - INFO - Chain [1] start processing
02:09:43 - cmdstanpy - INFO - Chain [1] done processing
02:09:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:43 - cmdstanpy - INFO - Chain [1] start processing
02:09:43 - cmdstanpy - INFO - Chain [1] done processing
02:09:44 - cmdstanpy - INFO - Chain [1] start processing
02:09:44 - cmdstanpy - INFO - Chain [1] done processing
02:09:44 - cmdstanpy - INFO - Chain [1] start processing
02:09:44 - cmdstanpy - INFO - Chain [1] done processing
02:09:44 - cmdstanpy - INFO - Chain [1] start processing
02:09:44 - cmdstanpy - INFO - Chain [1] done processing
02:09:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:09:45 - cmdstanpy - INFO - Chain [1] done processing
02:09:45 - cmdstanpy - INFO - Chain [1] start processing
02:09:45 - cmdstanpy - INFO - Chain [1] done processing
02:09:46 - cmdstanpy - INFO - Chain [1] start processing
02:09:46 - cmdstanpy - INFO - Chain [1] done processing
02:09:46 - cmdstanpy - INFO - Chain [1] start processing
02:09:46 - cmdstanpy - INFO - Chain [1] done processing
02:09:46 - cmdstanpy - INFO - Chain [1] start processing
02:09:46 - cmdstanpy - INFO - Chain [1] done processing
02:09:47 - cmdstanpy - INFO - Chain [1] start processing
02:09:47 - cmdstanpy - INFO - Chain [1] done processing
02:09:47 - cmdstanpy - INFO - Chain [1] start processing
02:09:47 - cmdstanpy - INFO - Chain [1] done processing
02:09:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:09:47 - cmdstanpy - INFO - Chain [1] start processing
02:09:47 - cmdstanpy - INFO - Chain [1] done processing
02:09:48 - cmdstanpy - INFO - Chain [1] start processing
02:09:48 - cmdstanpy - INFO - Chain [1] done processing
02:09:48 - cmdstanpy - INFO - Chain [1] start processing
02:09:48 - cmdstanpy - INFO - Chain [1] done processing
02:09:49 - cmdstanpy - INFO - Chain [1] start processing
02:09:49 - cmdstanpy - INFO - Chain [1] done processing
02:09:49 - cmdstanpy - INFO - Chain [1] start processing
02:09:49 - cmdstanpy - INFO - Chain [1] done processing
02:09:49 - cmdstanpy - INFO - Chain [1] start processing
02:09:49 - cmdstanpy - INFO - Chain [1] done processing
02:09:50 - cmdstanpy - INFO - Chain [1] start processing
02:09:50 - cmdstanpy - INFO - Chain [1] done processing
02:09:50 - cmdstanpy - INFO - Chain [1] start processing
02:09:50 - cmdstanpy - INFO - Chain [1] done processing
02:09:50 - cmdstanpy - INFO - Chain [1] start processing
02:09:51 - cmdstanpy - INFO - Chain [1] done processing
02:09:51 - cmdstanpy - INFO - Chain [1] start processing
02:09:51 - cmdstanpy - INFO - Chain [1] done processing
02:09:51 - cmdstanpy - INFO - Chain [1] start processing
02:09:51 - cmdstanpy - INFO - Chain [1] done processing
02:09:52 - cmdstanpy - INFO - Chain [1] start processing
02:09:52 - cmdstanpy - INFO - Chain [1] done processing
02:09:52 - cmdstanpy - INFO - Chain [1] start processing
02:09:52 - cmdstanpy - INFO - Chain [1] done processing
02:09:52 - cmdstanpy - INFO - Chain [1] start processing
02:09:53 - cmdstanpy - INFO - Chain [1] done processing
02:09:53 - cmdstanpy - INFO - Chain [1] start processing
02:09:53 - cmdstanpy - INFO - Chain [1] done processing
02:09:53 - cmdstanpy - INFO - Chain [1] start processing
02:09:53 - cmdstanpy - INFO - Chain [1] done processing
02:09:54 - cmdstanpy - INFO - Chain [1] start processing
02:09:54 - cmdstanpy - INFO - Chain [1] done processing
02:09:54 - cmdstanpy - INFO - Chain [1] start processing
02:09:54 - cmdstanpy - INFO - Chain [1] done processing
02:09:55 - cmdstanpy - INFO - Chain [1] start processing
02:09:55 - cmdstanpy - INFO - Chain [1] done processing
02:09:55 - cmdstanpy - INFO - Chain [1] start processing
02:09:55 - cmdstanpy - INFO - Chain [1] done processing
02:09:55 - cmdstanpy - INFO - Chain [1] start processing
02:09:55 - cmdstanpy - INFO - Chain [1] done processing
02:09:56 - cmdstanpy - INFO - Chain [1] start processing
02:09:56 - cmdstanpy - INFO - Chain [1] done processing
02:09:56 - cmdstanpy - INFO - Chain [1] start processing
02:09:56 - cmdstanpy - INFO - Chain [1] done processing
02:09:57 - cmdstanpy - INFO - Chain [1] start processing
02:09:57 - cmdstanpy - INFO - Chain [1] done processing
02:09:57 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:09:57 - cmdstanpy - INFO - Chain [1] done processing
02:09:57 - cmdstanpy - INFO - Chain [1] start processing
02:09:57 - cmdstanpy - INFO - Chain [1] done processing
02:09:58 - cmdstanpy - INFO - Chain [1] start processing
02:09:58 - cmdstanpy - INFO - Chain [1] done processing
02:09:58 - cmdstanpy - INFO - Chain [1] start processing
02:09:58 - cmdstanpy - INFO - Chain [1] done processing
02:09:59 - cmdstanpy - INFO - Chain [1] start processing
02:09:59 - cmdstanpy - INFO - Chain [1] done processing
02:09:59 - cmdstanpy - INFO - Chain [1] start processing
02:09:59 - cmdstanpy - INFO - Chain [1] done processing
02:09:59 - cmdstanpy - INFO - Chain [1] start processing
02:09:59 - cmdstanpy - INFO - Chain [1] done processing
02:10:00 - cmdstanpy - INFO - Chain [1] start processing
02:10:00 - cmdstanpy - INFO - Chain [1] done processing
02:10:00 - cmdstanpy - INFO - Chain [1] start processing
02:10:00 - cmdstanpy - INFO - Chain [1] done processing
02:10:01 - cmdstanpy - INFO - Chain [1] start processing
02:10:01 - cmdstanpy - INFO - Chain [1] done processing
02:10:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:01 - cmdstanpy - INFO - Chain [1] start processing
02:10:01 - cmdstanpy - INFO - Chain [1] done processing
02:10:01 - cmdstanpy - INFO - Chain [1] start processing
02:10:01 - cmdstanpy - INFO - Chain [1] done processing
02:10:02 - cmdstanpy - INFO - Chain [1] start processing
02:10:02 - cmdstanpy - INFO - Chain [1] done processing
02:10:02 - cmdstanpy - INFO - Chain [1] start processing
02:10:02 - cmdstanpy - INFO - Chain [1] done processing
02:10:02 - cmdstanpy - INFO - Chain [1] start processing
02:10:02 - cmdstanpy - INFO - Chain [1] done processing
02:10:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:02 - cmdstanpy - INFO - Chain [1] start processing
02:10:03 - cmdstanpy - INFO - Chain [1] done processing
02:10:03 - cmdstanpy - INFO - Chain [1] start processing
02:10:03 - cmdstanpy - INFO - Chain [1] done processing
02:10:04 - cmdstanpy - INFO - Chain [1] start processing
02:10:04 - cmdstanpy - INFO - Chain [1] done processing
02:10:04 - cmdstanpy - INFO - Chain [1] start processing
02:10:04 - cmdstanpy - INFO - Chain [1] done processing
02:10:04 - cmdstanpy - INFO - Chain [1] start processing
02:10:04 - cmdstanpy - INFO - Chain [1] done processing
02:10:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:04 - cmdstanpy - INFO - Chain [1] start processing
02:10:05 - cmdstanpy - INFO - Chain [1] done processing
02:10:05 - cmdstanpy - INFO - Chain [1] start processing
02:10:05 - cmdstanpy - INFO - Chain [1] done processing
02:10:05 - cmdstanpy - INFO - Chain [1] start processing
02:10:05 - cmdstanpy - INFO - Chain [1] done processing
02:10:06 - cmdstanpy - INFO - Chain [1] start processing
02:10:06 - cmdstanpy - INFO - Chain [1] done processing
02:10:06 - cmdstanpy - INFO - Chain [1] start processing
02:10:06 - cmdstanpy - INFO - Chain [1] done processing
02:10:06 - cmdstanpy - INFO - Chain [1] start processing
02:10:07 - cmdstanpy - INFO - Chain [1] done processing
02:10:07 - cmdstanpy - INFO - Chain [1] start processing
02:10:07 - cmdstanpy - INFO - Chain [1] done processing
02:10:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:07 - cmdstanpy - INFO - Chain [1] start processing
02:10:07 - cmdstanpy - INFO - Chain [1] done processing
02:10:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:10:08 - cmdstanpy - INFO - Chain [1] done processing
02:10:08 - cmdstanpy - INFO - Chain [1] start processing
02:10:08 - cmdstanpy - INFO - Chain [1] done processing
02:10:08 - cmdstanpy - INFO - Chain [1] start processing
02:10:08 - cmdstanpy - INFO - Chain [1] done processing
02:10:09 - cmdstanpy - INFO - Chain [1] start processing
02:10:09 - cmdstanpy - INFO - Chain [1] done processing
02:10:09 - cmdstanpy - INFO - Chain [1] start processing
02:10:09 - cmdstanpy - INFO - Chain [1] done processing
02:10:09 - cmdstanpy - INFO - Chain [1] start processing
02:10:09 - cmdstanpy - INFO - Chain [1] done processing
02:10:10 - cmdstanpy - INFO - Chain [1] start processing
02:10:10 - cmdstanpy - INFO - Chain [1] done processing
02:10:10 - cmdstanpy - INFO - Chain [1] start processing
02:10:10 - cmdstanpy - INFO - Chain [1] done processing
02:10:10 - cmdstanpy - INFO - Chain [1] start processing
02:10:11 - cmdstanpy - INFO - Chain [1] done processing
02:10:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:11 - cmdstanpy - INFO - Chain [1] start processing
02:10:11 - cmdstanpy - INFO - Chain [1] done processing
02:10:11 - cmdstanpy - INFO - Chain [1] start processing
02:10:11 - cmdstanpy - INFO - Chain [1] done processing
02:10:12 - cmdstanpy - INFO - Chain [1] start processing
02:10:12 - cmdstanpy - INFO - Chain [1] done processing
02:10:12 - cmdstanpy - INFO - Chain [1] start processing
02:10:12 - cmdstanpy - INFO - Chain [1] done processing
02:10:13 - cmdstanpy - INFO - Chain [1] start processing
02:10:13 - cmdstanpy - INFO - Chain [1] done processing
02:10:13 - cmdstanpy - INFO - Chain [1] start processing
02:10:13 - cmdstanpy - INFO - Chain [1] done processing
02:10:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:13 - cmdstanpy - INFO - Chain [1] start processing
02:10:13 - cmdstanpy - INFO - Chain [1] done processing
02:10:14 - cmdstanpy - INFO - Chain [1] start processing
02:10:14 - cmdstanpy - INFO - Chain [1] done processing
02:10:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:14 - cmdstanpy - INFO - Chain [1] start processing
02:10:14 - cmdstanpy - INFO - Chain [1] done processing
02:10:14 - cmdstanpy - INFO - Chain [1] start processing
02:10:14 - cmdstanpy - INFO - Chain [1] done processing
02:10:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:14 - cmdstanpy - INFO - Chain [1] start processing
02:10:16 - cmdstanpy - INFO - Chain [1] done processing
02:10:16 - cmdstanpy - INFO - Chain [1] start processing
02:10:16 - cmdstanpy - INFO - Chain [1] done processing
02:10:16 - cmdstanpy - INFO - Chain [1] start processing
02:10:16 - cmdstanpy - INFO - Chain [1] done processing
02:10:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:16 - cmdstanpy - INFO - Chain [1] start processing
02:10:17 - cmdstanpy - INFO - Chain [1] done processing
02:10:17 - cmdstanpy - INFO - Chain [1] start processing
02:10:17 - cmdstanpy - INFO - Chain [1] done processing
02:10:17 - cmdstanpy - INFO - Chain [1] start processing
02:10:17 - cmdstanpy - INFO - Chain [1] done processing
02:10:18 - cmdstanpy - INFO - Chain [1] start processing
02:10:18 - cmdstanpy - INFO - Chain [1] done processing
02:10:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:10:18 - cmdstanpy - INFO - Chain [1] done processing
02:10:18 - cmdstanpy - INFO - Chain [1] start processing
02:10:18 - cmdstanpy - INFO - Chain [1] done processing
02:10:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:18 - cmdstanpy - INFO - Chain [1] start processing
02:10:19 - cmdstanpy - INFO - Chain [1] done processing
02:10:19 - cmdstanpy - INFO - Chain [1] start processing
02:10:19 - cmdstanpy - INFO - Chain [1] done processing
02:10:19 - cmdstanpy - INFO - Chain [1] start processing
02:10:19 - cmdstanpy - INFO - Chain [1] done processing
02:10:20 - cmdstanpy - INFO - Chain [1] start processing
02:10:20 - cmdstanpy - INFO - Chain [1] done processing
02:10:20 - cmdstanpy - INFO - Chain [1] start processing
02:10:20 - cmdstanpy - INFO - Chain [1] done processing
02:10:21 - cmdstanpy - INFO - Chain [1] start processing
02:10:21 - cmdstanpy - INFO - Chain [1] done processing
02:10:21 - cmdstanpy - INFO - Chain [1] start processing
02:10:21 - cmdstanpy - INFO - Chain [1] done processing
02:10:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:21 - cmdstanpy - INFO - Chain [1] start processing
02:10:21 - cmdstanpy - INFO - Chain [1] done processing
02:10:22 - cmdstanpy - INFO - Chain [1] start processing
02:10:22 - cmdstanpy - INFO - Chain [1] done processing
02:10:22 - cmdstanpy - INFO - Chain [1] start processing
02:10:22 - cmdstanpy - INFO - Chain [1] done processing
02:10:22 - cmdstanpy - INFO - Chain [1] start processing
02:10:23 - cmdstanpy - INFO - Chain [1] done processing
02:10:23 - cmdstanpy - INFO - Chain [1] start processing
02:10:23 - cmdstanpy - INFO - Chain [1] done processing
02:10:23 - cmdstanpy - INFO - Chain [1] start processing
02:10:23 - cmdstanpy - INFO - Chain [1] done processing
02:10:24 - cmdstanpy - INFO - Chain [1] start processing
02:10:24 - cmdstanpy - INFO - Chain [1] done processing
02:10:24 - cmdstanpy - INFO - Chain [1] start processing
02:10:24 - cmdstanpy - INFO - Chain [1] done processing
02:10:25 - cmdstanpy - INFO - Chain [1] start processing
02:10:25 - cmdstanpy - INFO - Chain [1] done processing
02:10:25 - cmdstanpy - INFO - Chain [1] start processing
02:10:25 - cmdstanpy - INFO - Chain [1] done processing
02:10:25 - cmdstanpy - INFO - Chain [1] start processing
02:10:25 - cmdstanpy - INFO - Chain [1] done processing
02:10:26 - cmdstanpy - INFO - Chain [1] start processing
02:10:26 - cmdstanpy - INFO - Chain [1] done processing
02:10:26 - cmdstanpy - INFO - Chain [1] start processing
02:10:26 - cmdstanpy - INFO - Chain [1] done processing
02:10:27 - cmdstanpy - INFO - Chain [1] start processing
02:10:27 - cmdstanpy - INFO - Chain [1] done processing
02:10:27 - cmdstanpy - INFO - Chain [1] start processing
02:10:27 - cmdstanpy - INFO - Chain [1] done processing
02:10:27 - cmdstanpy - INFO - Chain [1] start processing
02:10:27 - cmdstanpy - INFO - Chain [1] done processing
02:10:28 - cmdstanpy - INFO - Chain [1] start processing
02:10:28 - cmdstanpy - INFO - Chain [1] done processing
02:10:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:28 - cmdstanpy - INFO - Chain [1] start processing
02:10:28 - cmdstanpy - INFO - Chain [1] done processing
02:10:28 - cmdstanpy - INFO - Chain [1] start processing
02:10:28 - cmdstanpy - INFO - Chain [1] done processing
02:10:29 - cmdstanpy - INFO - Chain [1] start processing
02:10:29 - cmdstanpy - INFO - Chain [1] done processing
02:10:29 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:10:29 - cmdstanpy - INFO - Chain [1] done processing
02:10:29 - cmdstanpy - INFO - Chain [1] start processing
02:10:29 - cmdstanpy - INFO - Chain [1] done processing
02:10:30 - cmdstanpy - INFO - Chain [1] start processing
02:10:30 - cmdstanpy - INFO - Chain [1] done processing
02:10:30 - cmdstanpy - INFO - Chain [1] start processing
02:10:30 - cmdstanpy - INFO - Chain [1] done processing
02:10:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:30 - cmdstanpy - INFO - Chain [1] start processing
02:10:30 - cmdstanpy - INFO - Chain [1] done processing
02:10:31 - cmdstanpy - INFO - Chain [1] start processing
02:10:31 - cmdstanpy - INFO - Chain [1] done processing
02:10:31 - cmdstanpy - INFO - Chain [1] start processing
02:10:31 - cmdstanpy - INFO - Chain [1] done processing
02:10:31 - cmdstanpy - INFO - Chain [1] start processing
02:10:31 - cmdstanpy - INFO - Chain [1] done processing
02:10:32 - cmdstanpy - INFO - Chain [1] start processing
02:10:32 - cmdstanpy - INFO - Chain [1] done processing
02:10:32 - cmdstanpy - INFO - Chain [1] start processing
02:10:32 - cmdstanpy - INFO - Chain [1] done processing
02:10:33 - cmdstanpy - INFO - Chain [1] start processing
02:10:33 - cmdstanpy - INFO - Chain [1] done processing
02:10:33 - cmdstanpy - INFO - Chain [1] start processing
02:10:33 - cmdstanpy - INFO - Chain [1] done processing
02:10:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:33 - cmdstanpy - INFO - Chain [1] start processing
02:10:33 - cmdstanpy - INFO - Chain [1] done processing
02:10:34 - cmdstanpy - INFO - Chain [1] start processing
02:10:34 - cmdstanpy - INFO - Chain [1] done processing
02:10:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:34 - cmdstanpy - INFO - Chain [1] start processing
02:10:34 - cmdstanpy - INFO - Chain [1] done processing
02:10:34 - cmdstanpy - INFO - Chain [1] start processing
02:10:34 - cmdstanpy - INFO - Chain [1] done processing
02:10:35 - cmdstanpy - INFO - Chain [1] start processing
02:10:35 - cmdstanpy - INFO - Chain [1] done processing
02:10:35 - cmdstanpy - INFO - Chain [1] start processing
02:10:35 - cmdstanpy - INFO - Chain [1] done processing
02:10:35 - cmdstanpy - INFO - Chain [1] start processing
02:10:35 - cmdstanpy - INFO - Chain [1] done processing
02:10:36 - cmdstanpy - INFO - Chain [1] start processing
02:10:36 - cmdstanpy - INFO - Chain [1] done processing
02:10:36 - cmdstanpy - INFO - Chain [1] start processing
02:10:36 - cmdstanpy - INFO - Chain [1] done processing
02:10:37 - cmdstanpy - INFO - Chain [1] start processing
02:10:37 - cmdstanpy - INFO - Chain [1] done processing
02:10:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:37 - cmdstanpy - INFO - Chain [1] start processing
02:10:37 - cmdstanpy - INFO - Chain [1] done processing
02:10:37 - cmdstanpy - INFO - Chain [1] start processing
02:10:37 - cmdstanpy - INFO - Chain [1] done processing
02:10:37 - cmdstanpy - INFO - Chain [1] start processing
02:10:38 - cmdstanpy - INFO - Chain [1] done processing
02:10:38 - cmdstanpy - INFO - Chain [1] start processing
02:10:38 - cmdstanpy - INFO - Chain [1] done processing
02:10:38 - cmdstanpy - INFO - Chain [1] start processing
02:10:38 - cmdstanpy - INFO - Chain [1] done processing
02:10:39 - cmdstanpy - INFO - Chain [1] start processing
02:10:39 - cmdstanpy - INFO - Chain [1] done processing
02:10:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:10:39 - cmdstanpy - INFO - Chain [1] done processing
02:10:39 - cmdstanpy - INFO - Chain [1] start processing
02:10:39 - cmdstanpy - INFO - Chain [1] done processing
02:10:40 - cmdstanpy - INFO - Chain [1] start processing
02:10:40 - cmdstanpy - INFO - Chain [1] done processing
02:10:40 - cmdstanpy - INFO - Chain [1] start processing
02:10:40 - cmdstanpy - INFO - Chain [1] done processing
02:10:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:40 - cmdstanpy - INFO - Chain [1] start processing
02:10:40 - cmdstanpy - INFO - Chain [1] done processing
02:10:41 - cmdstanpy - INFO - Chain [1] start processing
02:10:41 - cmdstanpy - INFO - Chain [1] done processing
02:10:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:41 - cmdstanpy - INFO - Chain [1] start processing
02:10:41 - cmdstanpy - INFO - Chain [1] done processing
02:10:42 - cmdstanpy - INFO - Chain [1] start processing
02:10:42 - cmdstanpy - INFO - Chain [1] done processing
02:10:42 - cmdstanpy - INFO - Chain [1] start processing
02:10:42 - cmdstanpy - INFO - Chain [1] done processing
02:10:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:42 - cmdstanpy - INFO - Chain [1] start processing
02:10:42 - cmdstanpy - INFO - Chain [1] done processing
02:10:43 - cmdstanpy - INFO - Chain [1] start processing
02:10:43 - cmdstanpy - INFO - Chain [1] done processing
02:10:43 - cmdstanpy - INFO - Chain [1] start processing
02:10:43 - cmdstanpy - INFO - Chain [1] done processing
02:10:44 - cmdstanpy - INFO - Chain [1] start processing
02:10:44 - cmdstanpy - INFO - Chain [1] done processing
02:10:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:44 - cmdstanpy - INFO - Chain [1] start processing
02:10:44 - cmdstanpy - INFO - Chain [1] done processing
02:10:44 - cmdstanpy - INFO - Chain [1] start processing
02:10:44 - cmdstanpy - INFO - Chain [1] done processing
02:10:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:44 - cmdstanpy - INFO - Chain [1] start processing
02:10:45 - cmdstanpy - INFO - Chain [1] done processing
02:10:45 - cmdstanpy - INFO - Chain [1] start processing
02:10:45 - cmdstanpy - INFO - Chain [1] done processing
02:10:45 - cmdstanpy - INFO - Chain [1] start processing
02:10:45 - cmdstanpy - INFO - Chain [1] done processing
02:10:46 - cmdstanpy - INFO - Chain [1] start processing
02:10:46 - cmdstanpy - INFO - Chain [1] done processing
02:10:46 - cmdstanpy - INFO - Chain [1] start processing
02:10:46 - cmdstanpy - INFO - Chain [1] done processing
02:10:46 - cmdstanpy - INFO - Chain [1] start processing
02:10:47 - cmdstanpy - INFO - Chain [1] done processing
02:10:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:47 - cmdstanpy - INFO - Chain [1] start processing
02:10:47 - cmdstanpy - INFO - Chain [1] done processing
02:10:47 - cmdstanpy - INFO - Chain [1] start processing
02:10:47 - cmdstanpy - INFO - Chain [1] done processing
02:10:48 - cmdstanpy - INFO - Chain [1] start processing
02:10:48 - cmdstanpy - INFO - Chain [1] done processing
02:10:48 - cmdstanpy - INFO - Chain [1] start processing
02:10:48 - cmdstanpy - INFO - Chain [1] done processing
02:10:48 - cmdstanpy - INFO - Chain [1] start processing
02:10:48 - cmdstanpy - INFO - Chain [1] done processing
02:10:49 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:10:49 - cmdstanpy - INFO - Chain [1] done processing
02:10:49 - cmdstanpy - INFO - Chain [1] start processing
02:10:49 - cmdstanpy - INFO - Chain [1] done processing
02:10:49 - cmdstanpy - INFO - Chain [1] start processing
02:10:50 - cmdstanpy - INFO - Chain [1] done processing
02:10:50 - cmdstanpy - INFO - Chain [1] start processing
02:10:50 - cmdstanpy - INFO - Chain [1] done processing
02:10:50 - cmdstanpy - INFO - Chain [1] start processing
02:10:50 - cmdstanpy - INFO - Chain [1] done processing
02:10:51 - cmdstanpy - INFO - Chain [1] start processing
02:10:51 - cmdstanpy - INFO - Chain [1] done processing
02:10:51 - cmdstanpy - INFO - Chain [1] start processing
02:10:51 - cmdstanpy - INFO - Chain [1] done processing
02:10:51 - cmdstanpy - INFO - Chain [1] start processing
02:10:52 - cmdstanpy - INFO - Chain [1] done processing
02:10:52 - cmdstanpy - INFO - Chain [1] start processing
02:10:52 - cmdstanpy - INFO - Chain [1] done processing
02:10:52 - cmdstanpy - INFO - Chain [1] start processing
02:10:52 - cmdstanpy - INFO - Chain [1] done processing
02:10:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:52 - cmdstanpy - INFO - Chain [1] start processing
02:10:53 - cmdstanpy - INFO - Chain [1] done processing
02:10:53 - cmdstanpy - INFO - Chain [1] start processing
02:10:53 - cmdstanpy - INFO - Chain [1] done processing
02:10:53 - cmdstanpy - INFO - Chain [1] start processing
02:10:53 - cmdstanpy - INFO - Chain [1] done processing
02:10:54 - cmdstanpy - INFO - Chain [1] start processing
02:10:54 - cmdstanpy - INFO - Chain [1] done processing
02:10:54 - cmdstanpy - INFO - Chain [1] start processing
02:10:54 - cmdstanpy - INFO - Chain [1] done processing
02:10:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:54 - cmdstanpy - INFO - Chain [1] start processing
02:10:55 - cmdstanpy - INFO - Chain [1] done processing
02:10:55 - cmdstanpy - INFO - Chain [1] start processing
02:10:55 - cmdstanpy - INFO - Chain [1] done processing
02:10:55 - cmdstanpy - INFO - Chain [1] start processing
02:10:55 - cmdstanpy - INFO - Chain [1] done processing
02:10:56 - cmdstanpy - INFO - Chain [1] start processing
02:10:56 - cmdstanpy - INFO - Chain [1] done processing
02:10:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:56 - cmdstanpy - INFO - Chain [1] start processing
02:10:56 - cmdstanpy - INFO - Chain [1] done processing
02:10:56 - cmdstanpy - INFO - Chain [1] start processing
02:10:56 - cmdstanpy - INFO - Chain [1] done processing
02:10:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:56 - cmdstanpy - INFO - Chain [1] start processing
02:10:57 - cmdstanpy - INFO - Chain [1] done processing
02:10:57 - cmdstanpy - INFO - Chain [1] start processing
02:10:57 - cmdstanpy - INFO - Chain [1] done processing
02:10:57 - cmdstanpy - INFO - Chain [1] start processing
02:10:57 - cmdstanpy - INFO - Chain [1] done processing
02:10:58 - cmdstanpy - INFO - Chain [1] start processing
02:10:58 - cmdstanpy - INFO - Chain [1] done processing
02:10:58 - cmdstanpy - INFO - Chain [1] start processing
02:10:58 - cmdstanpy - INFO - Chain [1] done processing
02:10:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:58 - cmdstanpy - INFO - Chain [1] start processing
02:10:58 - cmdstanpy - INFO - Chain [1] done processing
02:10:59 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:10:59 - cmdstanpy - INFO - Chain [1] done processing
02:10:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:10:59 - cmdstanpy - INFO - Chain [1] start processing
02:10:59 - cmdstanpy - INFO - Chain [1] done processing
02:10:59 - cmdstanpy - INFO - Chain [1] start processing
02:11:00 - cmdstanpy - INFO - Chain [1] done processing
02:11:00 - cmdstanpy - INFO - Chain [1] start processing
02:11:00 - cmdstanpy - INFO - Chain [1] done processing
02:11:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:00 - cmdstanpy - INFO - Chain [1] start processing
02:11:00 - cmdstanpy - INFO - Chain [1] done processing
02:11:01 - cmdstanpy - INFO - Chain [1] start processing
02:11:01 - cmdstanpy - INFO - Chain [1] done processing
02:11:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:01 - cmdstanpy - INFO - Chain [1] start processing
02:11:01 - cmdstanpy - INFO - Chain [1] done processing
02:11:01 - cmdstanpy - INFO - Chain [1] start processing
02:11:01 - cmdstanpy - INFO - Chain [1] done processing
02:11:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:01 - cmdstanpy - INFO - Chain [1] start processing
02:11:02 - cmdstanpy - INFO - Chain [1] done processing
02:11:02 - cmdstanpy - INFO - Chain [1] start processing
02:11:02 - cmdstanpy - INFO - Chain [1] done processing
02:11:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:02 - cmdstanpy - INFO - Chain [1] start processing
02:11:02 - cmdstanpy - INFO - Chain [1] done processing
02:11:03 - cmdstanpy - INFO - Chain [1] start processing
02:11:03 - cmdstanpy - INFO - Chain [1] done processing
02:11:03 - cmdstanpy - INFO - Chain [1] start processing
02:11:03 - cmdstanpy - INFO - Chain [1] done processing
02:11:03 - cmdstanpy - INFO - Chain [1] start processing
02:11:04 - cmdstanpy - INFO - Chain [1] done processing
02:11:04 - cmdstanpy - INFO - Chain [1] start processing
02:11:04 - cmdstanpy - INFO - Chain [1] done processing
02:11:04 - cmdstanpy - INFO - Chain [1] start processing
02:11:04 - cmdstanpy - INFO - Chain [1] done processing
02:11:05 - cmdstanpy - INFO - Chain [1] start processing
02:11:05 - cmdstanpy - INFO - Chain [1] done processing
02:11:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:05 - cmdstanpy - INFO - Chain [1] start processing
02:11:05 - cmdstanpy - INFO - Chain [1] done processing
02:11:05 - cmdstanpy - INFO - Chain [1] start processing
02:11:05 - cmdstanpy - INFO - Chain [1] done processing
02:11:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:05 - cmdstanpy - INFO - Chain [1] start processing
02:11:06 - cmdstanpy - INFO - Chain [1] done processing
02:11:06 - cmdstanpy - INFO - Chain [1] start processing
02:11:06 - cmdstanpy - INFO - Chain [1] done processing
02:11:06 - cmdstanpy - INFO - Chain [1] start processing
02:11:06 - cmdstanpy - INFO - Chain [1] done processing
02:11:07 - cmdstanpy - INFO - Chain [1] start processing
02:11:07 - cmdstanpy - INFO - Chain [1] done processing
02:11:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:07 - cmdstanpy - INFO - Chain [1] start processing
02:11:07 - cmdstanpy - INFO - Chain [1] done processing
02:11:08 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:11:08 - cmdstanpy - INFO - Chain [1] done processing
02:11:08 - cmdstanpy - INFO - Chain [1] start processing
02:11:08 - cmdstanpy - INFO - Chain [1] done processing
02:11:08 - cmdstanpy - INFO - Chain [1] start processing
02:11:08 - cmdstanpy - INFO - Chain [1] done processing
02:11:09 - cmdstanpy - INFO - Chain [1] start processing
02:11:09 - cmdstanpy - INFO - Chain [1] done processing
02:11:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:09 - cmdstanpy - INFO - Chain [1] start processing
02:11:09 - cmdstanpy - INFO - Chain [1] done processing
02:11:09 - cmdstanpy - INFO - Chain [1] start processing
02:11:09 - cmdstanpy - INFO - Chain [1] done processing
02:11:10 - cmdstanpy - INFO - Chain [1] start processing
02:11:10 - cmdstanpy - INFO - Chain [1] done processing
02:11:10 - cmdstanpy - INFO - Chain [1] start processing
02:11:10 - cmdstanpy - INFO - Chain [1] done processing
02:11:11 - cmdstanpy - INFO - Chain [1] start processing
02:11:11 - cmdstanpy - INFO - Chain [1] done processing
02:11:11 - cmdstanpy - INFO - Chain [1] start processing
02:11:11 - cmdstanpy - INFO - Chain [1] done processing
02:11:11 - cmdstanpy - INFO - Chain [1] start processing
02:11:11 - cmdstanpy - INFO - Chain [1] done processing
02:11:12 - cmdstanpy - INFO - Chain [1] start processing
02:11:12 - cmdstanpy - INFO - Chain [1] done processing
02:11:12 - cmdstanpy - INFO - Chain [1] start processing
02:11:12 - cmdstanpy - INFO - Chain [1] done processing
02:11:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:12 - cmdstanpy - INFO - Chain [1] start processing
02:11:12 - cmdstanpy - INFO - Chain [1] done processing
02:11:13 - cmdstanpy - INFO - Chain [1] start processing
02:11:13 - cmdstanpy - INFO - Chain [1] done processing
02:11:13 - cmdstanpy - INFO - Chain [1] start processing
02:11:13 - cmdstanpy - INFO - Chain [1] done processing
02:11:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:13 - cmdstanpy - INFO - Chain [1] start processing
02:11:13 - cmdstanpy - INFO - Chain [1] done processing
02:11:14 - cmdstanpy - INFO - Chain [1] start processing
02:11:14 - cmdstanpy - INFO - Chain [1] done processing
02:11:14 - cmdstanpy - INFO - Chain [1] start processing
02:11:14 - cmdstanpy - INFO - Chain [1] done processing
02:11:15 - cmdstanpy - INFO - Chain [1] start processing
02:11:15 - cmdstanpy - INFO - Chain [1] done processing
02:11:15 - cmdstanpy - INFO - Chain [1] start processing
02:11:15 - cmdstanpy - INFO - Chain [1] done processing
02:11:15 - cmdstanpy - INFO - Chain [1] start processing
02:11:15 - cmdstanpy - INFO - Chain [1] done processing
02:11:16 - cmdstanpy - INFO - Chain [1] start processing
02:11:16 - cmdstanpy - INFO - Chain [1] done processing
02:11:16 - cmdstanpy - INFO - Chain [1] start processing
02:11:16 - cmdstanpy - INFO - Chain [1] done processing
02:11:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:16 - cmdstanpy - INFO - Chain [1] start processing
02:11:17 - cmdstanpy - INFO - Chain [1] done processing
02:11:17 - cmdstanpy - INFO - Chain [1] start processing
02:11:17 - cmdstanpy - INFO - Chain [1] done processing
02:11:17 - cmdstanpy - INFO - Chain [1] start processing
02:11:17 - cmdstanpy - INFO - Chain [1] done processing
02:11:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:17 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:11:17 - cmdstanpy - INFO - Chain [1] done processing
02:11:18 - cmdstanpy - INFO - Chain [1] start processing
02:11:18 - cmdstanpy - INFO - Chain [1] done processing
02:11:18 - cmdstanpy - INFO - Chain [1] start processing
02:11:18 - cmdstanpy - INFO - Chain [1] done processing
02:11:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:18 - cmdstanpy - INFO - Chain [1] start processing
02:11:18 - cmdstanpy - INFO - Chain [1] done processing
02:11:19 - cmdstanpy - INFO - Chain [1] start processing
02:11:19 - cmdstanpy - INFO - Chain [1] done processing
02:11:19 - cmdstanpy - INFO - Chain [1] start processing
02:11:19 - cmdstanpy - INFO - Chain [1] done processing
02:11:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:19 - cmdstanpy - INFO - Chain [1] start processing
02:11:19 - cmdstanpy - INFO - Chain [1] done processing
02:11:20 - cmdstanpy - INFO - Chain [1] start processing
02:11:20 - cmdstanpy - INFO - Chain [1] done processing
02:11:21 - cmdstanpy - INFO - Chain [1] start processing
02:11:21 - cmdstanpy - INFO - Chain [1] done processing
02:11:21 - cmdstanpy - INFO - Chain [1] start processing
02:11:21 - cmdstanpy - INFO - Chain [1] done processing
02:11:21 - cmdstanpy - INFO - Chain [1] start processing
02:11:21 - cmdstanpy - INFO - Chain [1] done processing
02:11:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:21 - cmdstanpy - INFO - Chain [1] start processing
02:11:22 - cmdstanpy - INFO - Chain [1] done processing
02:11:22 - cmdstanpy - INFO - Chain [1] start processing
02:11:22 - cmdstanpy - INFO - Chain [1] done processing
02:11:22 - cmdstanpy - INFO - Chain [1] start processing
02:11:22 - cmdstanpy - INFO - Chain [1] done processing
02:11:23 - cmdstanpy - INFO - Chain [1] start processing
02:11:23 - cmdstanpy - INFO - Chain [1] done processing
02:11:23 - cmdstanpy - INFO - Chain [1] start processing
02:11:23 - cmdstanpy - INFO - Chain [1] done processing
02:11:24 - cmdstanpy - INFO - Chain [1] start processing
02:11:24 - cmdstanpy - INFO - Chain [1] done processing
02:11:24 - cmdstanpy - INFO - Chain [1] start processing
02:11:24 - cmdstanpy - INFO - Chain [1] done processing
02:11:24 - cmdstanpy - INFO - Chain [1] start processing
02:11:24 - cmdstanpy - INFO - Chain [1] done processing
02:11:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:24 - cmdstanpy - INFO - Chain [1] start processing
02:11:25 - cmdstanpy - INFO - Chain [1] done processing
02:11:25 - cmdstanpy - INFO - Chain [1] start processing
02:11:25 - cmdstanpy - INFO - Chain [1] done processing
02:11:25 - cmdstanpy - INFO - Chain [1] start processing
02:11:26 - cmdstanpy - INFO - Chain [1] done processing
02:11:26 - cmdstanpy - INFO - Chain [1] start processing
02:11:26 - cmdstanpy - INFO - Chain [1] done processing
02:11:26 - cmdstanpy - INFO - Chain [1] start processing
02:11:26 - cmdstanpy - INFO - Chain [1] done processing
02:11:27 - cmdstanpy - INFO - Chain [1] start processing
02:11:27 - cmdstanpy - INFO - Chain [1] done processing
02:11:27 - cmdstanpy - INFO - Chain [1] start processing
02:11:27 - cmdstanpy - INFO - Chain [1] done processing
02:11:27 - cmdstanpy - INFO - Chain [1] start processing
02:11:27 - cmdstanpy - INFO - Chain [1] done processing
02:11:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:27 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:11:28 - cmdstanpy - INFO - Chain [1] done processing
02:11:28 - cmdstanpy - INFO - Chain [1] start processing
02:11:28 - cmdstanpy - INFO - Chain [1] done processing
02:11:28 - cmdstanpy - INFO - Chain [1] start processing
02:11:28 - cmdstanpy - INFO - Chain [1] done processing
02:11:29 - cmdstanpy - INFO - Chain [1] start processing
02:11:29 - cmdstanpy - INFO - Chain [1] done processing
02:11:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:29 - cmdstanpy - INFO - Chain [1] start processing
02:11:29 - cmdstanpy - INFO - Chain [1] done processing
02:11:29 - cmdstanpy - INFO - Chain [1] start processing
02:11:30 - cmdstanpy - INFO - Chain [1] done processing
02:11:30 - cmdstanpy - INFO - Chain [1] start processing
02:11:30 - cmdstanpy - INFO - Chain [1] done processing
02:11:30 - cmdstanpy - INFO - Chain [1] start processing
02:11:30 - cmdstanpy - INFO - Chain [1] done processing
02:11:31 - cmdstanpy - INFO - Chain [1] start processing
02:11:31 - cmdstanpy - INFO - Chain [1] done processing
02:11:31 - cmdstanpy - INFO - Chain [1] start processing
02:11:31 - cmdstanpy - INFO - Chain [1] done processing
02:11:31 - cmdstanpy - INFO - Chain [1] start processing
02:11:31 - cmdstanpy - INFO - Chain [1] done processing
02:11:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:31 - cmdstanpy - INFO - Chain [1] start processing
02:11:32 - cmdstanpy - INFO - Chain [1] done processing
02:11:32 - cmdstanpy - INFO - Chain [1] start processing
02:11:32 - cmdstanpy - INFO - Chain [1] done processing
02:11:32 - cmdstanpy - INFO - Chain [1] start processing
02:11:32 - cmdstanpy - INFO - Chain [1] done processing
02:11:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:32 - cmdstanpy - INFO - Chain [1] start processing
02:11:33 - cmdstanpy - INFO - Chain [1] done processing
02:11:33 - cmdstanpy - INFO - Chain [1] start processing
02:11:33 - cmdstanpy - INFO - Chain [1] done processing
02:11:34 - cmdstanpy - INFO - Chain [1] start processing
02:11:34 - cmdstanpy - INFO - Chain [1] done processing
02:11:34 - cmdstanpy - INFO - Chain [1] start processing
02:11:34 - cmdstanpy - INFO - Chain [1] done processing
02:11:34 - cmdstanpy - INFO - Chain [1] start processing
02:11:34 - cmdstanpy - INFO - Chain [1] done processing
02:11:35 - cmdstanpy - INFO - Chain [1] start processing
02:11:35 - cmdstanpy - INFO - Chain [1] done processing
02:11:35 - cmdstanpy - INFO - Chain [1] start processing
02:11:35 - cmdstanpy - INFO - Chain [1] done processing
02:11:36 - cmdstanpy - INFO - Chain [1] start processing
02:11:36 - cmdstanpy - INFO - Chain [1] done processing
02:11:36 - cmdstanpy - INFO - Chain [1] start processing
02:11:36 - cmdstanpy - INFO - Chain [1] done processing
02:11:36 - cmdstanpy - INFO - Chain [1] start processing
02:11:36 - cmdstanpy - INFO - Chain [1] done processing
02:11:37 - cmdstanpy - INFO - Chain [1] start processing
02:11:37 - cmdstanpy - INFO - Chain [1] done processing
02:11:37 - cmdstanpy - INFO - Chain [1] start processing
02:11:37 - cmdstanpy - INFO - Chain [1] done processing
02:11:38 - cmdstanpy - INFO - Chain [1] start processing
02:11:38 - cmdstanpy - INFO - Chain [1] done processing
02:11:38 - cmdstanpy - INFO - Chain [1] start processing
02:11:38 - cmdstanpy - INFO - Chain [1] done processing
02:11:38 - cmdstanpy - INFO - Chain [1] start processing
02:11:38 - cmdstanpy - INFO - Chain [1] done processing
02:11:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:11:39 - cmdstanpy - INFO - Chain [1] done processing
02:11:39 - cmdstanpy - INFO - Chain [1] start processing
02:11:39 - cmdstanpy - INFO - Chain [1] done processing
02:11:40 - cmdstanpy - INFO - Chain [1] start processing
02:11:40 - cmdstanpy - INFO - Chain [1] done processing
02:11:40 - cmdstanpy - INFO - Chain [1] start processing
02:11:40 - cmdstanpy - INFO - Chain [1] done processing
02:11:40 - cmdstanpy - INFO - Chain [1] start processing
02:11:40 - cmdstanpy - INFO - Chain [1] done processing
02:11:41 - cmdstanpy - INFO - Chain [1] start processing
02:11:41 - cmdstanpy - INFO - Chain [1] done processing
02:11:41 - cmdstanpy - INFO - Chain [1] start processing
02:11:41 - cmdstanpy - INFO - Chain [1] done processing
02:11:42 - cmdstanpy - INFO - Chain [1] start processing
02:11:42 - cmdstanpy - INFO - Chain [1] done processing
02:11:42 - cmdstanpy - INFO - Chain [1] start processing
02:11:42 - cmdstanpy - INFO - Chain [1] done processing
02:11:42 - cmdstanpy - INFO - Chain [1] start processing
02:11:42 - cmdstanpy - INFO - Chain [1] done processing
02:11:43 - cmdstanpy - INFO - Chain [1] start processing
02:11:43 - cmdstanpy - INFO - Chain [1] done processing
02:11:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:43 - cmdstanpy - INFO - Chain [1] start processing
02:11:43 - cmdstanpy - INFO - Chain [1] done processing
02:11:43 - cmdstanpy - INFO - Chain [1] start processing
02:11:43 - cmdstanpy - INFO - Chain [1] done processing
02:11:44 - cmdstanpy - INFO - Chain [1] start processing
02:11:44 - cmdstanpy - INFO - Chain [1] done processing
02:11:44 - cmdstanpy - INFO - Chain [1] start processing
02:11:44 - cmdstanpy - INFO - Chain [1] done processing
02:11:45 - cmdstanpy - INFO - Chain [1] start processing
02:11:45 - cmdstanpy - INFO - Chain [1] done processing
02:11:45 - cmdstanpy - INFO - Chain [1] start processing
02:11:45 - cmdstanpy - INFO - Chain [1] done processing
02:11:45 - cmdstanpy - INFO - Chain [1] start processing
02:11:45 - cmdstanpy - INFO - Chain [1] done processing
02:11:46 - cmdstanpy - INFO - Chain [1] start processing
02:11:46 - cmdstanpy - INFO - Chain [1] done processing
02:11:46 - cmdstanpy - INFO - Chain [1] start processing
02:11:46 - cmdstanpy - INFO - Chain [1] done processing
02:11:47 - cmdstanpy - INFO - Chain [1] start processing
02:11:47 - cmdstanpy - INFO - Chain [1] done processing
02:11:47 - cmdstanpy - INFO - Chain [1] start processing
02:11:47 - cmdstanpy - INFO - Chain [1] done processing
02:11:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:47 - cmdstanpy - INFO - Chain [1] start processing
02:11:47 - cmdstanpy - INFO - Chain [1] done processing
02:11:48 - cmdstanpy - INFO - Chain [1] start processing
02:11:48 - cmdstanpy - INFO - Chain [1] done processing
02:11:48 - cmdstanpy - INFO - Chain [1] start processing
02:11:48 - cmdstanpy - INFO - Chain [1] done processing
02:11:48 - cmdstanpy - INFO - Chain [1] start processing
02:11:49 - cmdstanpy - INFO - Chain [1] done processing
02:11:49 - cmdstanpy - INFO - Chain [1] start processing
02:11:49 - cmdstanpy - INFO - Chain [1] done processing
02:11:49 - cmdstanpy - INFO - Chain [1] start processing
02:11:49 - cmdstanpy - INFO - Chain [1] done processing
02:11:50 - cmdstanpy - INFO - Chain [1] start processing
02:11:50 - cmdstanpy - INFO - Chain [1] done processing
02:11:50 - cmdstanpy - INFO - Chain [1] start processing
02:11:50 - cmdstanpy - INFO - Chain [1] done processing
02:11:51 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:11:51 - cmdstanpy - INFO - Chain [1] done processing
02:11:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:51 - cmdstanpy - INFO - Chain [1] start processing
02:11:51 - cmdstanpy - INFO - Chain [1] done processing
02:11:51 - cmdstanpy - INFO - Chain [1] start processing
02:11:52 - cmdstanpy - INFO - Chain [1] done processing
02:11:52 - cmdstanpy - INFO - Chain [1] start processing
02:11:52 - cmdstanpy - INFO - Chain [1] done processing
02:11:52 - cmdstanpy - INFO - Chain [1] start processing
02:11:52 - cmdstanpy - INFO - Chain [1] done processing
02:11:53 - cmdstanpy - INFO - Chain [1] start processing
02:11:53 - cmdstanpy - INFO - Chain [1] done processing
02:11:53 - cmdstanpy - INFO - Chain [1] start processing
02:11:53 - cmdstanpy - INFO - Chain [1] done processing
02:11:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:53 - cmdstanpy - INFO - Chain [1] start processing
02:11:53 - cmdstanpy - INFO - Chain [1] done processing
02:11:54 - cmdstanpy - INFO - Chain [1] start processing
02:11:54 - cmdstanpy - INFO - Chain [1] done processing
02:11:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:54 - cmdstanpy - INFO - Chain [1] start processing
02:11:54 - cmdstanpy - INFO - Chain [1] done processing
02:11:54 - cmdstanpy - INFO - Chain [1] start processing
02:11:54 - cmdstanpy - INFO - Chain [1] done processing
02:11:54 - cmdstanpy - INFO - Chain [1] start processing
02:11:55 - cmdstanpy - INFO - Chain [1] done processing
02:11:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:55 - cmdstanpy - INFO - Chain [1] start processing
02:11:55 - cmdstanpy - INFO - Chain [1] done processing
02:11:55 - cmdstanpy - INFO - Chain [1] start processing
02:11:55 - cmdstanpy - INFO - Chain [1] done processing
02:11:56 - cmdstanpy - INFO - Chain [1] start processing
02:11:56 - cmdstanpy - INFO - Chain [1] done processing
02:11:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:56 - cmdstanpy - INFO - Chain [1] start processing
02:11:56 - cmdstanpy - INFO - Chain [1] done processing
02:11:56 - cmdstanpy - INFO - Chain [1] start processing
02:11:56 - cmdstanpy - INFO - Chain [1] done processing
02:11:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:56 - cmdstanpy - INFO - Chain [1] start processing
02:11:56 - cmdstanpy - INFO - Chain [1] done processing
02:11:57 - cmdstanpy - INFO - Chain [1] start processing
02:11:57 - cmdstanpy - INFO - Chain [1] done processing
02:11:57 - cmdstanpy - INFO - Chain [1] start processing
02:11:57 - cmdstanpy - INFO - Chain [1] done processing
02:11:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:11:57 - cmdstanpy - INFO - Chain [1] start processing
02:11:57 - cmdstanpy - INFO - Chain [1] done processing
02:11:58 - cmdstanpy - INFO - Chain [1] start processing
02:11:58 - cmdstanpy - INFO - Chain [1] done processing
02:11:58 - cmdstanpy - INFO - Chain [1] start processing
02:11:58 - cmdstanpy - INFO - Chain [1] done processing
02:11:58 - cmdstanpy - INFO - Chain [1] start processing
02:11:59 - cmdstanpy - INFO - Chain [1] done processing
02:11:59 - cmdstanpy - INFO - Chain [1] start processing
02:11:59 - cmdstanpy - INFO - Chain [1] done processing
02:11:59 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:12:00 - cmdstanpy - INFO - Chain [1] done processing
02:12:00 - cmdstanpy - INFO - Chain [1] start processing
02:12:00 - cmdstanpy - INFO - Chain [1] done processing
02:12:00 - cmdstanpy - INFO - Chain [1] start processing
02:12:00 - cmdstanpy - INFO - Chain [1] done processing
02:12:01 - cmdstanpy - INFO - Chain [1] start processing
02:12:01 - cmdstanpy - INFO - Chain [1] done processing
02:12:01 - cmdstanpy - INFO - Chain [1] start processing
02:12:01 - cmdstanpy - INFO - Chain [1] done processing
02:12:01 - cmdstanpy - INFO - Chain [1] start processing
02:12:02 - cmdstanpy - INFO - Chain [1] done processing
02:12:02 - cmdstanpy - INFO - Chain [1] start processing
02:12:02 - cmdstanpy - INFO - Chain [1] done processing
02:12:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:02 - cmdstanpy - INFO - Chain [1] start processing
02:12:02 - cmdstanpy - INFO - Chain [1] done processing
02:12:03 - cmdstanpy - INFO - Chain [1] start processing
02:12:03 - cmdstanpy - INFO - Chain [1] done processing
02:12:03 - cmdstanpy - INFO - Chain [1] start processing
02:12:03 - cmdstanpy - INFO - Chain [1] done processing
02:12:03 - cmdstanpy - INFO - Chain [1] start processing
02:12:03 - cmdstanpy - INFO - Chain [1] done processing
02:12:04 - cmdstanpy - INFO - Chain [1] start processing
02:12:04 - cmdstanpy - INFO - Chain [1] done processing
02:12:04 - cmdstanpy - INFO - Chain [1] start processing
02:12:04 - cmdstanpy - INFO - Chain [1] done processing
02:12:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:04 - cmdstanpy - INFO - Chain [1] start processing
02:12:04 - cmdstanpy - INFO - Chain [1] done processing
02:12:05 - cmdstanpy - INFO - Chain [1] start processing
02:12:05 - cmdstanpy - INFO - Chain [1] done processing
02:12:05 - cmdstanpy - INFO - Chain [1] start processing
02:12:05 - cmdstanpy - INFO - Chain [1] done processing
02:12:06 - cmdstanpy - INFO - Chain [1] start processing
02:12:06 - cmdstanpy - INFO - Chain [1] done processing
02:12:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:06 - cmdstanpy - INFO - Chain [1] start processing
02:12:06 - cmdstanpy - INFO - Chain [1] done processing
02:12:06 - cmdstanpy - INFO - Chain [1] start processing
02:12:06 - cmdstanpy - INFO - Chain [1] done processing
02:12:07 - cmdstanpy - INFO - Chain [1] start processing
02:12:07 - cmdstanpy - INFO - Chain [1] done processing
02:12:07 - cmdstanpy - INFO - Chain [1] start processing
02:12:07 - cmdstanpy - INFO - Chain [1] done processing
02:12:08 - cmdstanpy - INFO - Chain [1] start processing
02:12:08 - cmdstanpy - INFO - Chain [1] done processing
02:12:08 - cmdstanpy - INFO - Chain [1] start processing
02:12:08 - cmdstanpy - INFO - Chain [1] done processing
02:12:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:08 - cmdstanpy - INFO - Chain [1] start processing
02:12:08 - cmdstanpy - INFO - Chain [1] done processing
02:12:09 - cmdstanpy - INFO - Chain [1] start processing
02:12:09 - cmdstanpy - INFO - Chain [1] done processing
02:12:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:09 - cmdstanpy - INFO - Chain [1] start processing
02:12:09 - cmdstanpy - INFO - Chain [1] done processing
02:12:09 - cmdstanpy - INFO - Chain [1] start processing
02:12:09 - cmdstanpy - INFO - Chain [1] done processing
02:12:10 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:12:10 - cmdstanpy - INFO - Chain [1] done processing
02:12:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:10 - cmdstanpy - INFO - Chain [1] start processing
02:12:10 - cmdstanpy - INFO - Chain [1] done processing
02:12:10 - cmdstanpy - INFO - Chain [1] start processing
02:12:10 - cmdstanpy - INFO - Chain [1] done processing
02:12:11 - cmdstanpy - INFO - Chain [1] start processing
02:12:11 - cmdstanpy - INFO - Chain [1] done processing
02:12:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:11 - cmdstanpy - INFO - Chain [1] start processing
02:12:11 - cmdstanpy - INFO - Chain [1] done processing
02:12:11 - cmdstanpy - INFO - Chain [1] start processing
02:12:11 - cmdstanpy - INFO - Chain [1] done processing
02:12:12 - cmdstanpy - INFO - Chain [1] start processing
02:12:12 - cmdstanpy - INFO - Chain [1] done processing
02:12:12 - cmdstanpy - INFO - Chain [1] start processing
02:12:12 - cmdstanpy - INFO - Chain [1] done processing
02:12:12 - cmdstanpy - INFO - Chain [1] start processing
02:12:12 - cmdstanpy - INFO - Chain [1] done processing
02:12:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:13 - cmdstanpy - INFO - Chain [1] start processing
02:12:13 - cmdstanpy - INFO - Chain [1] done processing
02:12:13 - cmdstanpy - INFO - Chain [1] start processing
02:12:13 - cmdstanpy - INFO - Chain [1] done processing
02:12:13 - cmdstanpy - INFO - Chain [1] start processing
02:12:14 - cmdstanpy - INFO - Chain [1] done processing
02:12:14 - cmdstanpy - INFO - Chain [1] start processing
02:12:14 - cmdstanpy - INFO - Chain [1] done processing
02:12:14 - cmdstanpy - INFO - Chain [1] start processing
02:12:14 - cmdstanpy - INFO - Chain [1] done processing
02:12:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:14 - cmdstanpy - INFO - Chain [1] start processing
02:12:14 - cmdstanpy - INFO - Chain [1] done processing
02:12:15 - cmdstanpy - INFO - Chain [1] start processing
02:12:15 - cmdstanpy - INFO - Chain [1] done processing
02:12:15 - cmdstanpy - INFO - Chain [1] start processing
02:12:15 - cmdstanpy - INFO - Chain [1] done processing
02:12:16 - cmdstanpy - INFO - Chain [1] start processing
02:12:16 - cmdstanpy - INFO - Chain [1] done processing
02:12:16 - cmdstanpy - INFO - Chain [1] start processing
02:12:16 - cmdstanpy - INFO - Chain [1] done processing
02:12:16 - cmdstanpy - INFO - Chain [1] start processing
02:12:16 - cmdstanpy - INFO - Chain [1] done processing
02:12:17 - cmdstanpy - INFO - Chain [1] start processing
02:12:17 - cmdstanpy - INFO - Chain [1] done processing
02:12:17 - cmdstanpy - INFO - Chain [1] start processing
02:12:17 - cmdstanpy - INFO - Chain [1] done processing
02:12:18 - cmdstanpy - INFO - Chain [1] start processing
02:12:18 - cmdstanpy - INFO - Chain [1] done processing
02:12:18 - cmdstanpy - INFO - Chain [1] start processing
02:12:18 - cmdstanpy - INFO - Chain [1] done processing
02:12:19 - cmdstanpy - INFO - Chain [1] start processing
02:12:19 - cmdstanpy - INFO - Chain [1] done processing
02:12:19 - cmdstanpy - INFO - Chain [1] start processing
02:12:19 - cmdstanpy - INFO - Chain [1] done processing
02:12:19 - cmdstanpy - INFO - Chain [1] start processing
02:12:20 - cmdstanpy - INFO - Chain [1] done processing
02:12:20 - cmdstanpy - INFO - Chain [1] start processing
02:12:20 - cmdstanpy - INFO - Chain [1] done processing
02:12:20 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:12:20 - cmdstanpy - INFO - Chain [1] done processing
02:12:21 - cmdstanpy - INFO - Chain [1] start processing
02:12:21 - cmdstanpy - INFO - Chain [1] done processing
02:12:21 - cmdstanpy - INFO - Chain [1] start processing
02:12:21 - cmdstanpy - INFO - Chain [1] done processing
02:12:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:21 - cmdstanpy - INFO - Chain [1] start processing
02:12:21 - cmdstanpy - INFO - Chain [1] done processing
02:12:22 - cmdstanpy - INFO - Chain [1] start processing
02:12:22 - cmdstanpy - INFO - Chain [1] done processing
02:12:22 - cmdstanpy - INFO - Chain [1] start processing
02:12:22 - cmdstanpy - INFO - Chain [1] done processing
02:12:22 - cmdstanpy - INFO - Chain [1] start processing
02:12:23 - cmdstanpy - INFO - Chain [1] done processing
02:12:23 - cmdstanpy - INFO - Chain [1] start processing
02:12:23 - cmdstanpy - INFO - Chain [1] done processing
02:12:24 - cmdstanpy - INFO - Chain [1] start processing
02:12:24 - cmdstanpy - INFO - Chain [1] done processing
02:12:24 - cmdstanpy - INFO - Chain [1] start processing
02:12:24 - cmdstanpy - INFO - Chain [1] done processing
02:12:24 - cmdstanpy - INFO - Chain [1] start processing
02:12:25 - cmdstanpy - INFO - Chain [1] done processing
02:12:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:25 - cmdstanpy - INFO - Chain [1] start processing
02:12:25 - cmdstanpy - INFO - Chain [1] done processing
02:12:25 - cmdstanpy - INFO - Chain [1] start processing
02:12:25 - cmdstanpy - INFO - Chain [1] done processing
02:12:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:25 - cmdstanpy - INFO - Chain [1] start processing
02:12:26 - cmdstanpy - INFO - Chain [1] done processing
02:12:26 - cmdstanpy - INFO - Chain [1] start processing
02:12:26 - cmdstanpy - INFO - Chain [1] done processing
02:12:26 - cmdstanpy - INFO - Chain [1] start processing
02:12:26 - cmdstanpy - INFO - Chain [1] done processing
02:12:27 - cmdstanpy - INFO - Chain [1] start processing
02:12:27 - cmdstanpy - INFO - Chain [1] done processing
02:12:27 - cmdstanpy - INFO - Chain [1] start processing
02:12:27 - cmdstanpy - INFO - Chain [1] done processing
02:12:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:27 - cmdstanpy - INFO - Chain [1] start processing
02:12:28 - cmdstanpy - INFO - Chain [1] done processing
02:12:28 - cmdstanpy - INFO - Chain [1] start processing
02:12:28 - cmdstanpy - INFO - Chain [1] done processing
02:12:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:28 - cmdstanpy - INFO - Chain [1] start processing
02:12:28 - cmdstanpy - INFO - Chain [1] done processing
02:12:29 - cmdstanpy - INFO - Chain [1] start processing
02:12:29 - cmdstanpy - INFO - Chain [1] done processing
02:12:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:29 - cmdstanpy - INFO - Chain [1] start processing
02:12:29 - cmdstanpy - INFO - Chain [1] done processing
02:12:29 - cmdstanpy - INFO - Chain [1] start processing
02:12:29 - cmdstanpy - INFO - Chain [1] done processing
02:12:30 - cmdstanpy - INFO - Chain [1] start processing
02:12:30 - cmdstanpy - INFO - Chain [1] done processing
02:12:30 - cmdstanpy - INFO - Chain [1] start processing
02:12:30 - cmdstanpy - INFO - Chain [1] done processing
02:12:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:12:30 - cmdstanpy - INFO - Chain [1] start processing
02:12:30 - cmdstanpy - INFO - Chain [1] done processing
02:12:31 - cmdstanpy - INFO - Chain [1] start processing
02:12:31 - cmdstanpy - INFO - Chain [1] done processing
02:12:31 - cmdstanpy - INFO - Chain [1] start processing
02:12:31 - cmdstanpy - INFO - Chain [1] done processing
02:12:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:31 - cmdstanpy - INFO - Chain [1] start processing
02:12:31 - cmdstanpy - INFO - Chain [1] done processing
02:12:32 - cmdstanpy - INFO - Chain [1] start processing
02:12:32 - cmdstanpy - INFO - Chain [1] done processing
02:12:32 - cmdstanpy - INFO - Chain [1] start processing
02:12:32 - cmdstanpy - INFO - Chain [1] done processing
02:12:32 - cmdstanpy - INFO - Chain [1] start processing
02:12:32 - cmdstanpy - INFO - Chain [1] done processing
02:12:33 - cmdstanpy - INFO - Chain [1] start processing
02:12:33 - cmdstanpy - INFO - Chain [1] done processing
02:12:33 - cmdstanpy - INFO - Chain [1] start processing
02:12:33 - cmdstanpy - INFO - Chain [1] done processing
02:12:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:33 - cmdstanpy - INFO - Chain [1] start processing
02:12:33 - cmdstanpy - INFO - Chain [1] done processing
02:12:34 - cmdstanpy - INFO - Chain [1] start processing
02:12:34 - cmdstanpy - INFO - Chain [1] done processing
02:12:34 - cmdstanpy - INFO - Chain [1] start processing
02:12:34 - cmdstanpy - INFO - Chain [1] done processing
02:12:35 - cmdstanpy - INFO - Chain [1] start processing
02:12:35 - cmdstanpy - INFO - Chain [1] done processing
02:12:35 - cmdstanpy - INFO - Chain [1] start processing
02:12:35 - cmdstanpy - INFO - Chain [1] done processing
02:12:35 - cmdstanpy - INFO - Chain [1] start processing
02:12:35 - cmdstanpy - INFO - Chain [1] done processing
02:12:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:35 - cmdstanpy - INFO - Chain [1] start processing
02:12:36 - cmdstanpy - INFO - Chain [1] done processing
02:12:36 - cmdstanpy - INFO - Chain [1] start processing
02:12:36 - cmdstanpy - INFO - Chain [1] done processing
02:12:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:36 - cmdstanpy - INFO - Chain [1] start processing
02:12:36 - cmdstanpy - INFO - Chain [1] done processing
02:12:37 - cmdstanpy - INFO - Chain [1] start processing
02:12:37 - cmdstanpy - INFO - Chain [1] done processing
02:12:37 - cmdstanpy - INFO - Chain [1] start processing
02:12:37 - cmdstanpy - INFO - Chain [1] done processing
02:12:37 - cmdstanpy - INFO - Chain [1] start processing
02:12:38 - cmdstanpy - INFO - Chain [1] done processing
02:12:38 - cmdstanpy - INFO - Chain [1] start processing
02:12:38 - cmdstanpy - INFO - Chain [1] done processing
02:12:38 - cmdstanpy - INFO - Chain [1] start processing
02:12:38 - cmdstanpy - INFO - Chain [1] done processing
02:12:39 - cmdstanpy - INFO - Chain [1] start processing
02:12:39 - cmdstanpy - INFO - Chain [1] done processing
02:12:39 - cmdstanpy - INFO - Chain [1] start processing
02:12:39 - cmdstanpy - INFO - Chain [1] done processing
02:12:39 - cmdstanpy - INFO - Chain [1] start processing
02:12:40 - cmdstanpy - INFO - Chain [1] done processing
02:12:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:40 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:12:40 - cmdstanpy - INFO - Chain [1] done processing
02:12:40 - cmdstanpy - INFO - Chain [1] start processing
02:12:40 - cmdstanpy - INFO - Chain [1] done processing
02:12:41 - cmdstanpy - INFO - Chain [1] start processing
02:12:41 - cmdstanpy - INFO - Chain [1] done processing
02:12:41 - cmdstanpy - INFO - Chain [1] start processing
02:12:41 - cmdstanpy - INFO - Chain [1] done processing
02:12:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:41 - cmdstanpy - INFO - Chain [1] start processing
02:12:41 - cmdstanpy - INFO - Chain [1] done processing
02:12:41 - cmdstanpy - INFO - Chain [1] start processing
02:12:41 - cmdstanpy - INFO - Chain [1] done processing
02:12:42 - cmdstanpy - INFO - Chain [1] start processing
02:12:42 - cmdstanpy - INFO - Chain [1] done processing
02:12:42 - cmdstanpy - INFO - Chain [1] start processing
02:12:42 - cmdstanpy - INFO - Chain [1] done processing
02:12:43 - cmdstanpy - INFO - Chain [1] start processing
02:12:43 - cmdstanpy - INFO - Chain [1] done processing
02:12:43 - cmdstanpy - INFO - Chain [1] start processing
02:12:43 - cmdstanpy - INFO - Chain [1] done processing
02:12:43 - cmdstanpy - INFO - Chain [1] start processing
02:12:43 - cmdstanpy - INFO - Chain [1] done processing
02:12:44 - cmdstanpy - INFO - Chain [1] start processing
02:12:44 - cmdstanpy - INFO - Chain [1] done processing
02:12:44 - cmdstanpy - INFO - Chain [1] start processing
02:12:44 - cmdstanpy - INFO - Chain [1] done processing
02:12:45 - cmdstanpy - INFO - Chain [1] start processing
02:12:45 - cmdstanpy - INFO - Chain [1] done processing
02:12:45 - cmdstanpy - INFO - Chain [1] start processing
02:12:45 - cmdstanpy - INFO - Chain [1] done processing
02:12:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:45 - cmdstanpy - INFO - Chain [1] start processing
02:12:46 - cmdstanpy - INFO - Chain [1] done processing
02:12:46 - cmdstanpy - INFO - Chain [1] start processing
02:12:46 - cmdstanpy - INFO - Chain [1] done processing
02:12:46 - cmdstanpy - INFO - Chain [1] start processing
02:12:46 - cmdstanpy - INFO - Chain [1] done processing
02:12:47 - cmdstanpy - INFO - Chain [1] start processing
02:12:47 - cmdstanpy - INFO - Chain [1] done processing
02:12:47 - cmdstanpy - INFO - Chain [1] start processing
02:12:47 - cmdstanpy - INFO - Chain [1] done processing
02:12:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:47 - cmdstanpy - INFO - Chain [1] start processing
02:12:47 - cmdstanpy - INFO - Chain [1] done processing
02:12:48 - cmdstanpy - INFO - Chain [1] start processing
02:12:48 - cmdstanpy - INFO - Chain [1] done processing
02:12:48 - cmdstanpy - INFO - Chain [1] start processing
02:12:48 - cmdstanpy - INFO - Chain [1] done processing
02:12:49 - cmdstanpy - INFO - Chain [1] start processing
02:12:49 - cmdstanpy - INFO - Chain [1] done processing
02:12:49 - cmdstanpy - INFO - Chain [1] start processing
02:12:49 - cmdstanpy - INFO - Chain [1] done processing
02:12:49 - cmdstanpy - INFO - Chain [1] start processing
02:12:49 - cmdstanpy - INFO - Chain [1] done processing
02:12:50 - cmdstanpy - INFO - Chain [1] start processing
02:12:50 - cmdstanpy - INFO - Chain [1] done processing
02:12:50 - cmdstanpy - INFO - Chain [1] start processing
02:12:50 - cmdstanpy - INFO - Chain [1] done processing
02:12:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:50 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:12:50 - cmdstanpy - INFO - Chain [1] done processing
02:12:51 - cmdstanpy - INFO - Chain [1] start processing
02:12:51 - cmdstanpy - INFO - Chain [1] done processing
02:12:51 - cmdstanpy - INFO - Chain [1] start processing
02:12:51 - cmdstanpy - INFO - Chain [1] done processing
02:12:52 - cmdstanpy - INFO - Chain [1] start processing
02:12:52 - cmdstanpy - INFO - Chain [1] done processing
02:12:52 - cmdstanpy - INFO - Chain [1] start processing
02:12:52 - cmdstanpy - INFO - Chain [1] done processing
02:12:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:52 - cmdstanpy - INFO - Chain [1] start processing
02:12:52 - cmdstanpy - INFO - Chain [1] done processing
02:12:53 - cmdstanpy - INFO - Chain [1] start processing
02:12:53 - cmdstanpy - INFO - Chain [1] done processing
02:12:53 - cmdstanpy - INFO - Chain [1] start processing
02:12:53 - cmdstanpy - INFO - Chain [1] done processing
02:12:53 - cmdstanpy - INFO - Chain [1] start processing
02:12:54 - cmdstanpy - INFO - Chain [1] done processing
02:12:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:54 - cmdstanpy - INFO - Chain [1] start processing
02:12:54 - cmdstanpy - INFO - Chain [1] done processing
02:12:54 - cmdstanpy - INFO - Chain [1] start processing
02:12:54 - cmdstanpy - INFO - Chain [1] done processing
02:12:55 - cmdstanpy - INFO - Chain [1] start processing
02:12:55 - cmdstanpy - INFO - Chain [1] done processing
02:12:55 - cmdstanpy - INFO - Chain [1] start processing
02:12:55 - cmdstanpy - INFO - Chain [1] done processing
02:12:55 - cmdstanpy - INFO - Chain [1] start processing
02:12:55 - cmdstanpy - INFO - Chain [1] done processing
02:12:56 - cmdstanpy - INFO - Chain [1] start processing
02:12:56 - cmdstanpy - INFO - Chain [1] done processing
02:12:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:56 - cmdstanpy - INFO - Chain [1] start processing
02:12:56 - cmdstanpy - INFO - Chain [1] done processing
02:12:56 - cmdstanpy - INFO - Chain [1] start processing
02:12:57 - cmdstanpy - INFO - Chain [1] done processing
02:12:57 - cmdstanpy - INFO - Chain [1] start processing
02:12:57 - cmdstanpy - INFO - Chain [1] done processing
02:12:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:57 - cmdstanpy - INFO - Chain [1] start processing
02:12:57 - cmdstanpy - INFO - Chain [1] done processing
02:12:57 - cmdstanpy - INFO - Chain [1] start processing
02:12:57 - cmdstanpy - INFO - Chain [1] done processing
02:12:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:58 - cmdstanpy - INFO - Chain [1] start processing
02:12:58 - cmdstanpy - INFO - Chain [1] done processing
02:12:58 - cmdstanpy - INFO - Chain [1] start processing
02:12:58 - cmdstanpy - INFO - Chain [1] done processing
02:12:59 - cmdstanpy - INFO - Chain [1] start processing
02:12:59 - cmdstanpy - INFO - Chain [1] done processing
02:12:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:12:59 - cmdstanpy - INFO - Chain [1] start processing
02:12:59 - cmdstanpy - INFO - Chain [1] done processing
02:12:59 - cmdstanpy - INFO - Chain [1] start processing
02:12:59 - cmdstanpy - INFO - Chain [1] done processing
02:13:00 - cmdstanpy - INFO - Chain [1] start processing
02:13:00 - cmdstanpy - INFO - Chain [1] done processing
02:13:00 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:13:00 - cmdstanpy - INFO - Chain [1] done processing
02:13:00 - cmdstanpy - INFO - Chain [1] start processing
02:13:00 - cmdstanpy - INFO - Chain [1] done processing
02:13:01 - cmdstanpy - INFO - Chain [1] start processing
02:13:01 - cmdstanpy - INFO - Chain [1] done processing
02:13:01 - cmdstanpy - INFO - Chain [1] start processing
02:13:01 - cmdstanpy - INFO - Chain [1] done processing
02:13:02 - cmdstanpy - INFO - Chain [1] start processing
02:13:02 - cmdstanpy - INFO - Chain [1] done processing
02:13:02 - cmdstanpy - INFO - Chain [1] start processing
02:13:02 - cmdstanpy - INFO - Chain [1] done processing
02:13:02 - cmdstanpy - INFO - Chain [1] start processing
02:13:02 - cmdstanpy - INFO - Chain [1] done processing
02:13:03 - cmdstanpy - INFO - Chain [1] start processing
02:13:03 - cmdstanpy - INFO - Chain [1] done processing
02:13:03 - cmdstanpy - INFO - Chain [1] start processing
02:13:03 - cmdstanpy - INFO - Chain [1] done processing
02:13:04 - cmdstanpy - INFO - Chain [1] start processing
02:13:04 - cmdstanpy - INFO - Chain [1] done processing
02:13:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:04 - cmdstanpy - INFO - Chain [1] start processing
02:13:04 - cmdstanpy - INFO - Chain [1] done processing
02:13:04 - cmdstanpy - INFO - Chain [1] start processing
02:13:04 - cmdstanpy - INFO - Chain [1] done processing
02:13:05 - cmdstanpy - INFO - Chain [1] start processing
02:13:05 - cmdstanpy - INFO - Chain [1] done processing
02:13:05 - cmdstanpy - INFO - Chain [1] start processing
02:13:05 - cmdstanpy - INFO - Chain [1] done processing
02:13:05 - cmdstanpy - INFO - Chain [1] start processing
02:13:05 - cmdstanpy - INFO - Chain [1] done processing
02:13:06 - cmdstanpy - INFO - Chain [1] start processing
02:13:06 - cmdstanpy - INFO - Chain [1] done processing
02:13:06 - cmdstanpy - INFO - Chain [1] start processing
02:13:06 - cmdstanpy - INFO - Chain [1] done processing
02:13:07 - cmdstanpy - INFO - Chain [1] start processing
02:13:07 - cmdstanpy - INFO - Chain [1] done processing
02:13:07 - cmdstanpy - INFO - Chain [1] start processing
02:13:07 - cmdstanpy - INFO - Chain [1] done processing
02:13:07 - cmdstanpy - INFO - Chain [1] start processing
02:13:08 - cmdstanpy - INFO - Chain [1] done processing
02:13:08 - cmdstanpy - INFO - Chain [1] start processing
02:13:08 - cmdstanpy - INFO - Chain [1] done processing
02:13:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:08 - cmdstanpy - INFO - Chain [1] start processing
02:13:08 - cmdstanpy - INFO - Chain [1] done processing
02:13:08 - cmdstanpy - INFO - Chain [1] start processing
02:13:08 - cmdstanpy - INFO - Chain [1] done processing
02:13:09 - cmdstanpy - INFO - Chain [1] start processing
02:13:09 - cmdstanpy - INFO - Chain [1] done processing
02:13:09 - cmdstanpy - INFO - Chain [1] start processing
02:13:09 - cmdstanpy - INFO - Chain [1] done processing
02:13:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:09 - cmdstanpy - INFO - Chain [1] start processing
02:13:09 - cmdstanpy - INFO - Chain [1] done processing
02:13:10 - cmdstanpy - INFO - Chain [1] start processing
02:13:10 - cmdstanpy - INFO - Chain [1] done processing
02:13:10 - cmdstanpy - INFO - Chain [1] start processing
02:13:10 - cmdstanpy - INFO - Chain [1] done processing
02:13:11 - cmdstanpy - INFO - Chain [1] start processing
02:13:11 - cmdstanpy - INFO - Chain [1] done processing
02:13:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:13:11 - cmdstanpy - INFO - Chain [1] start processing
02:13:11 - cmdstanpy - INFO - Chain [1] done processing
02:13:11 - cmdstanpy - INFO - Chain [1] start processing
02:13:11 - cmdstanpy - INFO - Chain [1] done processing
02:13:12 - cmdstanpy - INFO - Chain [1] start processing
02:13:12 - cmdstanpy - INFO - Chain [1] done processing
02:13:12 - cmdstanpy - INFO - Chain [1] start processing
02:13:12 - cmdstanpy - INFO - Chain [1] done processing
02:13:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:12 - cmdstanpy - INFO - Chain [1] start processing
02:13:12 - cmdstanpy - INFO - Chain [1] done processing
02:13:13 - cmdstanpy - INFO - Chain [1] start processing
02:13:13 - cmdstanpy - INFO - Chain [1] done processing
02:13:13 - cmdstanpy - INFO - Chain [1] start processing
02:13:13 - cmdstanpy - INFO - Chain [1] done processing
02:13:14 - cmdstanpy - INFO - Chain [1] start processing
02:13:14 - cmdstanpy - INFO - Chain [1] done processing
02:13:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:14 - cmdstanpy - INFO - Chain [1] start processing
02:13:14 - cmdstanpy - INFO - Chain [1] done processing
02:13:14 - cmdstanpy - INFO - Chain [1] start processing
02:13:14 - cmdstanpy - INFO - Chain [1] done processing
02:13:15 - cmdstanpy - INFO - Chain [1] start processing
02:13:15 - cmdstanpy - INFO - Chain [1] done processing
02:13:15 - cmdstanpy - INFO - Chain [1] start processing
02:13:15 - cmdstanpy - INFO - Chain [1] done processing
02:13:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:15 - cmdstanpy - INFO - Chain [1] start processing
02:13:16 - cmdstanpy - INFO - Chain [1] done processing
02:13:16 - cmdstanpy - INFO - Chain [1] start processing
02:13:16 - cmdstanpy - INFO - Chain [1] done processing
02:13:16 - cmdstanpy - INFO - Chain [1] start processing
02:13:16 - cmdstanpy - INFO - Chain [1] done processing
02:13:17 - cmdstanpy - INFO - Chain [1] start processing
02:13:17 - cmdstanpy - INFO - Chain [1] done processing
02:13:17 - cmdstanpy - INFO - Chain [1] start processing
02:13:17 - cmdstanpy - INFO - Chain [1] done processing
02:13:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:17 - cmdstanpy - INFO - Chain [1] start processing
02:13:18 - cmdstanpy - INFO - Chain [1] done processing
02:13:18 - cmdstanpy - INFO - Chain [1] start processing
02:13:18 - cmdstanpy - INFO - Chain [1] done processing
02:13:18 - cmdstanpy - INFO - Chain [1] start processing
02:13:19 - cmdstanpy - INFO - Chain [1] done processing
02:13:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:19 - cmdstanpy - INFO - Chain [1] start processing
02:13:19 - cmdstanpy - INFO - Chain [1] done processing
02:13:19 - cmdstanpy - INFO - Chain [1] start processing
02:13:19 - cmdstanpy - INFO - Chain [1] done processing
02:13:19 - cmdstanpy - INFO - Chain [1] start processing
02:13:20 - cmdstanpy - INFO - Chain [1] done processing
02:13:20 - cmdstanpy - INFO - Chain [1] start processing
02:13:20 - cmdstanpy - INFO - Chain [1] done processing
02:13:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:20 - cmdstanpy - INFO - Chain [1] start processing
02:13:20 - cmdstanpy - INFO - Chain [1] done processing
02:13:20 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:13:21 - cmdstanpy - INFO - Chain [1] done processing
02:13:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:21 - cmdstanpy - INFO - Chain [1] start processing
02:13:21 - cmdstanpy - INFO - Chain [1] done processing
02:13:21 - cmdstanpy - INFO - Chain [1] start processing
02:13:21 - cmdstanpy - INFO - Chain [1] done processing
02:13:22 - cmdstanpy - INFO - Chain [1] start processing
02:13:22 - cmdstanpy - INFO - Chain [1] done processing
02:13:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:22 - cmdstanpy - INFO - Chain [1] start processing
02:13:22 - cmdstanpy - INFO - Chain [1] done processing
02:13:22 - cmdstanpy - INFO - Chain [1] start processing
02:13:22 - cmdstanpy - INFO - Chain [1] done processing
02:13:23 - cmdstanpy - INFO - Chain [1] start processing
02:13:23 - cmdstanpy - INFO - Chain [1] done processing
02:13:23 - cmdstanpy - INFO - Chain [1] start processing
02:13:23 - cmdstanpy - INFO - Chain [1] done processing
02:13:23 - cmdstanpy - INFO - Chain [1] start processing
02:13:24 - cmdstanpy - INFO - Chain [1] done processing
02:13:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:24 - cmdstanpy - INFO - Chain [1] start processing
02:13:24 - cmdstanpy - INFO - Chain [1] done processing
02:13:24 - cmdstanpy - INFO - Chain [1] start processing
02:13:24 - cmdstanpy - INFO - Chain [1] done processing
02:13:25 - cmdstanpy - INFO - Chain [1] start processing
02:13:25 - cmdstanpy - INFO - Chain [1] done processing
02:13:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:25 - cmdstanpy - INFO - Chain [1] start processing
02:13:25 - cmdstanpy - INFO - Chain [1] done processing
02:13:25 - cmdstanpy - INFO - Chain [1] start processing
02:13:25 - cmdstanpy - INFO - Chain [1] done processing
02:13:26 - cmdstanpy - INFO - Chain [1] start processing
02:13:26 - cmdstanpy - INFO - Chain [1] done processing
02:13:26 - cmdstanpy - INFO - Chain [1] start processing
02:13:26 - cmdstanpy - INFO - Chain [1] done processing
02:13:26 - cmdstanpy - INFO - Chain [1] start processing
02:13:26 - cmdstanpy - INFO - Chain [1] done processing
02:13:27 - cmdstanpy - INFO - Chain [1] start processing
02:13:27 - cmdstanpy - INFO - Chain [1] done processing
02:13:27 - cmdstanpy - INFO - Chain [1] start processing
02:13:27 - cmdstanpy - INFO - Chain [1] done processing
02:13:27 - cmdstanpy - INFO - Chain [1] start processing
02:13:27 - cmdstanpy - INFO - Chain [1] done processing
02:13:28 - cmdstanpy - INFO - Chain [1] start processing
02:13:28 - cmdstanpy - INFO - Chain [1] done processing
02:13:28 - cmdstanpy - INFO - Chain [1] start processing
02:13:28 - cmdstanpy - INFO - Chain [1] done processing
02:13:28 - cmdstanpy - INFO - Chain [1] start processing
02:13:28 - cmdstanpy - INFO - Chain [1] done processing
02:13:29 - cmdstanpy - INFO - Chain [1] start processing
02:13:29 - cmdstanpy - INFO - Chain [1] done processing
02:13:29 - cmdstanpy - INFO - Chain [1] start processing
02:13:29 - cmdstanpy - INFO - Chain [1] done processing
02:13:30 - cmdstanpy - INFO - Chain [1] start processing
02:13:30 - cmdstanpy - INFO - Chain [1] done processing
02:13:30 - cmdstanpy - INFO - Chain [1] start processing
02:13:30 - cmdstanpy - INFO - Chain [1] done processing
02:13:30 - cmdstanpy - INFO - Chain [1] start processing
02:13:30 - cmdstanpy - INFO - Chain [1] done processing
02:13:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:13:31 - cmdstanpy - INFO - Chain [1] done processing
02:13:31 - cmdstanpy - INFO - Chain [1] start processing
02:13:31 - cmdstanpy - INFO - Chain [1] done processing
02:13:32 - cmdstanpy - INFO - Chain [1] start processing
02:13:32 - cmdstanpy - INFO - Chain [1] done processing
02:13:32 - cmdstanpy - INFO - Chain [1] start processing
02:13:32 - cmdstanpy - INFO - Chain [1] done processing
02:13:32 - cmdstanpy - INFO - Chain [1] start processing
02:13:32 - cmdstanpy - INFO - Chain [1] done processing
02:13:33 - cmdstanpy - INFO - Chain [1] start processing
02:13:33 - cmdstanpy - INFO - Chain [1] done processing
02:13:33 - cmdstanpy - INFO - Chain [1] start processing
02:13:33 - cmdstanpy - INFO - Chain [1] done processing
02:13:33 - cmdstanpy - INFO - Chain [1] start processing
02:13:33 - cmdstanpy - INFO - Chain [1] done processing
02:13:34 - cmdstanpy - INFO - Chain [1] start processing
02:13:34 - cmdstanpy - INFO - Chain [1] done processing
02:13:34 - cmdstanpy - INFO - Chain [1] start processing
02:13:34 - cmdstanpy - INFO - Chain [1] done processing
02:13:34 - cmdstanpy - INFO - Chain [1] start processing
02:13:34 - cmdstanpy - INFO - Chain [1] done processing
02:13:35 - cmdstanpy - INFO - Chain [1] start processing
02:13:35 - cmdstanpy - INFO - Chain [1] done processing
02:13:35 - cmdstanpy - INFO - Chain [1] start processing
02:13:35 - cmdstanpy - INFO - Chain [1] done processing
02:13:35 - cmdstanpy - INFO - Chain [1] start processing
02:13:35 - cmdstanpy - INFO - Chain [1] done processing
02:13:36 - cmdstanpy - INFO - Chain [1] start processing
02:13:36 - cmdstanpy - INFO - Chain [1] done processing
02:13:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:36 - cmdstanpy - INFO - Chain [1] start processing
02:13:36 - cmdstanpy - INFO - Chain [1] done processing
02:13:36 - cmdstanpy - INFO - Chain [1] start processing
02:13:36 - cmdstanpy - INFO - Chain [1] done processing
02:13:37 - cmdstanpy - INFO - Chain [1] start processing
02:13:37 - cmdstanpy - INFO - Chain [1] done processing
02:13:37 - cmdstanpy - INFO - Chain [1] start processing
02:13:37 - cmdstanpy - INFO - Chain [1] done processing
02:13:38 - cmdstanpy - INFO - Chain [1] start processing
02:13:38 - cmdstanpy - INFO - Chain [1] done processing
02:13:38 - cmdstanpy - INFO - Chain [1] start processing
02:13:38 - cmdstanpy - INFO - Chain [1] done processing
02:13:38 - cmdstanpy - INFO - Chain [1] start processing
02:13:39 - cmdstanpy - INFO - Chain [1] done processing
02:13:39 - cmdstanpy - INFO - Chain [1] start processing
02:13:39 - cmdstanpy - INFO - Chain [1] done processing
02:13:39 - cmdstanpy - INFO - Chain [1] start processing
02:13:39 - cmdstanpy - INFO - Chain [1] done processing
02:13:40 - cmdstanpy - INFO - Chain [1] start processing
02:13:40 - cmdstanpy - INFO - Chain [1] done processing
02:13:40 - cmdstanpy - INFO - Chain [1] start processing
02:13:40 - cmdstanpy - INFO - Chain [1] done processing
02:13:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:40 - cmdstanpy - INFO - Chain [1] start processing
02:13:40 - cmdstanpy - INFO - Chain [1] done processing
02:13:40 - cmdstanpy - INFO - Chain [1] start processing
02:13:40 - cmdstanpy - INFO - Chain [1] done processing
02:13:41 - cmdstanpy - INFO - Chain [1] start processing
02:13:41 - cmdstanpy - INFO - Chain [1] done processing
02:13:41 - cmdstanpy - INFO - Chain [1] start processing
02:13:41 - cmdstanpy - INFO - Chain [1] done processing
02:13:42 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:13:42 - cmdstanpy - INFO - Chain [1] done processing
02:13:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:42 - cmdstanpy - INFO - Chain [1] start processing
02:13:42 - cmdstanpy - INFO - Chain [1] done processing
02:13:42 - cmdstanpy - INFO - Chain [1] start processing
02:13:42 - cmdstanpy - INFO - Chain [1] done processing
02:13:43 - cmdstanpy - INFO - Chain [1] start processing
02:13:43 - cmdstanpy - INFO - Chain [1] done processing
02:13:43 - cmdstanpy - INFO - Chain [1] start processing
02:13:43 - cmdstanpy - INFO - Chain [1] done processing
02:13:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:43 - cmdstanpy - INFO - Chain [1] start processing
02:13:43 - cmdstanpy - INFO - Chain [1] done processing
02:13:44 - cmdstanpy - INFO - Chain [1] start processing
02:13:44 - cmdstanpy - INFO - Chain [1] done processing
02:13:44 - cmdstanpy - INFO - Chain [1] start processing
02:13:44 - cmdstanpy - INFO - Chain [1] done processing
02:13:44 - cmdstanpy - INFO - Chain [1] start processing
02:13:44 - cmdstanpy - INFO - Chain [1] done processing
02:13:45 - cmdstanpy - INFO - Chain [1] start processing
02:13:45 - cmdstanpy - INFO - Chain [1] done processing
02:13:45 - cmdstanpy - INFO - Chain [1] start processing
02:13:45 - cmdstanpy - INFO - Chain [1] done processing
02:13:46 - cmdstanpy - INFO - Chain [1] start processing
02:13:46 - cmdstanpy - INFO - Chain [1] done processing
02:13:46 - cmdstanpy - INFO - Chain [1] start processing
02:13:46 - cmdstanpy - INFO - Chain [1] done processing
02:13:47 - cmdstanpy - INFO - Chain [1] start processing
02:13:47 - cmdstanpy - INFO - Chain [1] done processing
02:13:47 - cmdstanpy - INFO - Chain [1] start processing
02:13:47 - cmdstanpy - INFO - Chain [1] done processing
02:13:48 - cmdstanpy - INFO - Chain [1] start processing
02:13:48 - cmdstanpy - INFO - Chain [1] done processing
02:13:48 - cmdstanpy - INFO - Chain [1] start processing
02:13:48 - cmdstanpy - INFO - Chain [1] done processing
02:13:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:48 - cmdstanpy - INFO - Chain [1] start processing
02:13:48 - cmdstanpy - INFO - Chain [1] done processing
02:13:49 - cmdstanpy - INFO - Chain [1] start processing
02:13:49 - cmdstanpy - INFO - Chain [1] done processing
02:13:49 - cmdstanpy - INFO - Chain [1] start processing
02:13:49 - cmdstanpy - INFO - Chain [1] done processing
02:13:50 - cmdstanpy - INFO - Chain [1] start processing
02:13:50 - cmdstanpy - INFO - Chain [1] done processing
02:13:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:50 - cmdstanpy - INFO - Chain [1] start processing
02:13:50 - cmdstanpy - INFO - Chain [1] done processing
02:13:50 - cmdstanpy - INFO - Chain [1] start processing
02:13:50 - cmdstanpy - INFO - Chain [1] done processing
02:13:51 - cmdstanpy - INFO - Chain [1] start processing
02:13:51 - cmdstanpy - INFO - Chain [1] done processing
02:13:51 - cmdstanpy - INFO - Chain [1] start processing
02:13:51 - cmdstanpy - INFO - Chain [1] done processing
02:13:52 - cmdstanpy - INFO - Chain [1] start processing
02:13:52 - cmdstanpy - INFO - Chain [1] done processing
02:13:52 - cmdstanpy - INFO - Chain [1] start processing
02:13:52 - cmdstanpy - INFO - Chain [1] done processing
02:13:52 - cmdstanpy - INFO - Chain [1] start processing
02:13:52 - cmdstanpy - INFO - Chain [1] done processing
02:13:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:13:53 - cmdstanpy - INFO - Chain [1] done processing
02:13:53 - cmdstanpy - INFO - Chain [1] start processing
02:13:53 - cmdstanpy - INFO - Chain [1] done processing
02:13:54 - cmdstanpy - INFO - Chain [1] start processing
02:13:54 - cmdstanpy - INFO - Chain [1] done processing
02:13:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:54 - cmdstanpy - INFO - Chain [1] start processing
02:13:54 - cmdstanpy - INFO - Chain [1] done processing
02:13:54 - cmdstanpy - INFO - Chain [1] start processing
02:13:54 - cmdstanpy - INFO - Chain [1] done processing
02:13:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:54 - cmdstanpy - INFO - Chain [1] start processing
02:13:55 - cmdstanpy - INFO - Chain [1] done processing
02:13:55 - cmdstanpy - INFO - Chain [1] start processing
02:13:55 - cmdstanpy - INFO - Chain [1] done processing
02:13:55 - cmdstanpy - INFO - Chain [1] start processing
02:13:55 - cmdstanpy - INFO - Chain [1] done processing
02:13:56 - cmdstanpy - INFO - Chain [1] start processing
02:13:56 - cmdstanpy - INFO - Chain [1] done processing
02:13:56 - cmdstanpy - INFO - Chain [1] start processing
02:13:56 - cmdstanpy - INFO - Chain [1] done processing
02:13:56 - cmdstanpy - INFO - Chain [1] start processing
02:13:57 - cmdstanpy - INFO - Chain [1] done processing
02:13:57 - cmdstanpy - INFO - Chain [1] start processing
02:13:57 - cmdstanpy - INFO - Chain [1] done processing
02:13:57 - cmdstanpy - INFO - Chain [1] start processing
02:13:57 - cmdstanpy - INFO - Chain [1] done processing
02:13:58 - cmdstanpy - INFO - Chain [1] start processing
02:13:58 - cmdstanpy - INFO - Chain [1] done processing
02:13:58 - cmdstanpy - INFO - Chain [1] start processing
02:13:58 - cmdstanpy - INFO - Chain [1] done processing
02:13:58 - cmdstanpy - INFO - Chain [1] start processing
02:13:58 - cmdstanpy - INFO - Chain [1] done processing
02:13:59 - cmdstanpy - INFO - Chain [1] start processing
02:13:59 - cmdstanpy - INFO - Chain [1] done processing
02:13:59 - cmdstanpy - INFO - Chain [1] start processing
02:13:59 - cmdstanpy - INFO - Chain [1] done processing
02:13:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:13:59 - cmdstanpy - INFO - Chain [1] start processing
02:14:00 - cmdstanpy - INFO - Chain [1] done processing
02:14:00 - cmdstanpy - INFO - Chain [1] start processing
02:14:00 - cmdstanpy - INFO - Chain [1] done processing
02:14:00 - cmdstanpy - INFO - Chain [1] start processing
02:14:00 - cmdstanpy - INFO - Chain [1] done processing
02:14:01 - cmdstanpy - INFO - Chain [1] start processing
02:14:01 - cmdstanpy - INFO - Chain [1] done processing
02:14:01 - cmdstanpy - INFO - Chain [1] start processing
02:14:01 - cmdstanpy - INFO - Chain [1] done processing
02:14:01 - cmdstanpy - INFO - Chain [1] start processing
02:14:02 - cmdstanpy - INFO - Chain [1] done processing
02:14:02 - cmdstanpy - INFO - Chain [1] start processing
02:14:02 - cmdstanpy - INFO - Chain [1] done processing
02:14:02 - cmdstanpy - INFO - Chain [1] start processing
02:14:02 - cmdstanpy - INFO - Chain [1] done processing
02:14:03 - cmdstanpy - INFO - Chain [1] start processing
02:14:03 - cmdstanpy - INFO - Chain [1] done processing
02:14:03 - cmdstanpy - INFO - Chain [1] start processing
02:14:03 - cmdstanpy - INFO - Chain [1] done processing
02:14:03 - cmdstanpy - INFO - Chain [1] start processing
02:14:03 - cmdstanpy - INFO - Chain [1] done processing
02:14:04 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:14:04 - cmdstanpy - INFO - Chain [1] done processing
02:14:04 - cmdstanpy - INFO - Chain [1] start processing
02:14:04 - cmdstanpy - INFO - Chain [1] done processing
02:14:05 - cmdstanpy - INFO - Chain [1] start processing
02:14:05 - cmdstanpy - INFO - Chain [1] done processing
02:14:05 - cmdstanpy - INFO - Chain [1] start processing
02:14:05 - cmdstanpy - INFO - Chain [1] done processing
02:14:05 - cmdstanpy - INFO - Chain [1] start processing
02:14:06 - cmdstanpy - INFO - Chain [1] done processing
02:14:06 - cmdstanpy - INFO - Chain [1] start processing
02:14:06 - cmdstanpy - INFO - Chain [1] done processing
02:14:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:06 - cmdstanpy - INFO - Chain [1] start processing
02:14:06 - cmdstanpy - INFO - Chain [1] done processing
02:14:07 - cmdstanpy - INFO - Chain [1] start processing
02:14:07 - cmdstanpy - INFO - Chain [1] done processing
02:14:07 - cmdstanpy - INFO - Chain [1] start processing
02:14:07 - cmdstanpy - INFO - Chain [1] done processing
02:14:07 - cmdstanpy - INFO - Chain [1] start processing
02:14:07 - cmdstanpy - INFO - Chain [1] done processing
02:14:08 - cmdstanpy - INFO - Chain [1] start processing
02:14:08 - cmdstanpy - INFO - Chain [1] done processing
02:14:08 - cmdstanpy - INFO - Chain [1] start processing
02:14:08 - cmdstanpy - INFO - Chain [1] done processing
02:14:09 - cmdstanpy - INFO - Chain [1] start processing
02:14:09 - cmdstanpy - INFO - Chain [1] done processing
02:14:09 - cmdstanpy - INFO - Chain [1] start processing
02:14:09 - cmdstanpy - INFO - Chain [1] done processing
02:14:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:09 - cmdstanpy - INFO - Chain [1] start processing
02:14:09 - cmdstanpy - INFO - Chain [1] done processing
02:14:10 - cmdstanpy - INFO - Chain [1] start processing
02:14:10 - cmdstanpy - INFO - Chain [1] done processing
02:14:10 - cmdstanpy - INFO - Chain [1] start processing
02:14:10 - cmdstanpy - INFO - Chain [1] done processing
02:14:10 - cmdstanpy - INFO - Chain [1] start processing
02:14:10 - cmdstanpy - INFO - Chain [1] done processing
02:14:11 - cmdstanpy - INFO - Chain [1] start processing
02:14:11 - cmdstanpy - INFO - Chain [1] done processing
02:14:11 - cmdstanpy - INFO - Chain [1] start processing
02:14:11 - cmdstanpy - INFO - Chain [1] done processing
02:14:12 - cmdstanpy - INFO - Chain [1] start processing
02:14:12 - cmdstanpy - INFO - Chain [1] done processing
02:14:12 - cmdstanpy - INFO - Chain [1] start processing
02:14:12 - cmdstanpy - INFO - Chain [1] done processing
02:14:12 - cmdstanpy - INFO - Chain [1] start processing
02:14:12 - cmdstanpy - INFO - Chain [1] done processing
02:14:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:12 - cmdstanpy - INFO - Chain [1] start processing
02:14:13 - cmdstanpy - INFO - Chain [1] done processing
02:14:13 - cmdstanpy - INFO - Chain [1] start processing
02:14:13 - cmdstanpy - INFO - Chain [1] done processing
02:14:14 - cmdstanpy - INFO - Chain [1] start processing
02:14:14 - cmdstanpy - INFO - Chain [1] done processing
02:14:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:14 - cmdstanpy - INFO - Chain [1] start processing
02:14:14 - cmdstanpy - INFO - Chain [1] done processing
02:14:14 - cmdstanpy - INFO - Chain [1] start processing
02:14:14 - cmdstanpy - INFO - Chain [1] done processing
02:14:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:14:15 - cmdstanpy - INFO - Chain [1] done processing
02:14:15 - cmdstanpy - INFO - Chain [1] start processing
02:14:15 - cmdstanpy - INFO - Chain [1] done processing
02:14:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:15 - cmdstanpy - INFO - Chain [1] start processing
02:14:15 - cmdstanpy - INFO - Chain [1] done processing
02:14:16 - cmdstanpy - INFO - Chain [1] start processing
02:14:16 - cmdstanpy - INFO - Chain [1] done processing
02:14:16 - cmdstanpy - INFO - Chain [1] start processing
02:14:16 - cmdstanpy - INFO - Chain [1] done processing
02:14:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:16 - cmdstanpy - INFO - Chain [1] start processing
02:14:17 - cmdstanpy - INFO - Chain [1] done processing
02:14:17 - cmdstanpy - INFO - Chain [1] start processing
02:14:17 - cmdstanpy - INFO - Chain [1] done processing
02:14:17 - cmdstanpy - INFO - Chain [1] start processing
02:14:17 - cmdstanpy - INFO - Chain [1] done processing
02:14:18 - cmdstanpy - INFO - Chain [1] start processing
02:14:18 - cmdstanpy - INFO - Chain [1] done processing
02:14:18 - cmdstanpy - INFO - Chain [1] start processing
02:14:18 - cmdstanpy - INFO - Chain [1] done processing
02:14:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:18 - cmdstanpy - INFO - Chain [1] start processing
02:14:19 - cmdstanpy - INFO - Chain [1] done processing
02:14:19 - cmdstanpy - INFO - Chain [1] start processing
02:14:19 - cmdstanpy - INFO - Chain [1] done processing
02:14:19 - cmdstanpy - INFO - Chain [1] start processing
02:14:19 - cmdstanpy - INFO - Chain [1] done processing
02:14:20 - cmdstanpy - INFO - Chain [1] start processing
02:14:20 - cmdstanpy - INFO - Chain [1] done processing
02:14:20 - cmdstanpy - INFO - Chain [1] start processing
02:14:20 - cmdstanpy - INFO - Chain [1] done processing
02:14:20 - cmdstanpy - INFO - Chain [1] start processing
02:14:21 - cmdstanpy - INFO - Chain [1] done processing
02:14:21 - cmdstanpy - INFO - Chain [1] start processing
02:14:21 - cmdstanpy - INFO - Chain [1] done processing
02:14:21 - cmdstanpy - INFO - Chain [1] start processing
02:14:21 - cmdstanpy - INFO - Chain [1] done processing
02:14:22 - cmdstanpy - INFO - Chain [1] start processing
02:14:22 - cmdstanpy - INFO - Chain [1] done processing
02:14:22 - cmdstanpy - INFO - Chain [1] start processing
02:14:22 - cmdstanpy - INFO - Chain [1] done processing
02:14:23 - cmdstanpy - INFO - Chain [1] start processing
02:14:23 - cmdstanpy - INFO - Chain [1] done processing
02:14:23 - cmdstanpy - INFO - Chain [1] start processing
02:14:23 - cmdstanpy - INFO - Chain [1] done processing
02:14:23 - cmdstanpy - INFO - Chain [1] start processing
02:14:23 - cmdstanpy - INFO - Chain [1] done processing
02:14:24 - cmdstanpy - INFO - Chain [1] start processing
02:14:24 - cmdstanpy - INFO - Chain [1] done processing
02:14:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:24 - cmdstanpy - INFO - Chain [1] start processing
02:14:24 - cmdstanpy - INFO - Chain [1] done processing
02:14:25 - cmdstanpy - INFO - Chain [1] start processing
02:14:25 - cmdstanpy - INFO - Chain [1] done processing
02:14:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:25 - cmdstanpy - INFO - Chain [1] start processing
02:14:25 - cmdstanpy - INFO - Chain [1] done processing
02:14:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:14:25 - cmdstanpy - INFO - Chain [1] done processing
02:14:26 - cmdstanpy - INFO - Chain [1] start processing
02:14:26 - cmdstanpy - INFO - Chain [1] done processing
02:14:26 - cmdstanpy - INFO - Chain [1] start processing
02:14:26 - cmdstanpy - INFO - Chain [1] done processing
02:14:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:26 - cmdstanpy - INFO - Chain [1] start processing
02:14:26 - cmdstanpy - INFO - Chain [1] done processing
02:14:27 - cmdstanpy - INFO - Chain [1] start processing
02:14:27 - cmdstanpy - INFO - Chain [1] done processing
02:14:27 - cmdstanpy - INFO - Chain [1] start processing
02:14:27 - cmdstanpy - INFO - Chain [1] done processing
02:14:27 - cmdstanpy - INFO - Chain [1] start processing
02:14:27 - cmdstanpy - INFO - Chain [1] done processing
02:14:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:28 - cmdstanpy - INFO - Chain [1] start processing
02:14:28 - cmdstanpy - INFO - Chain [1] done processing
02:14:28 - cmdstanpy - INFO - Chain [1] start processing
02:14:28 - cmdstanpy - INFO - Chain [1] done processing
02:14:28 - cmdstanpy - INFO - Chain [1] start processing
02:14:29 - cmdstanpy - INFO - Chain [1] done processing
02:14:29 - cmdstanpy - INFO - Chain [1] start processing
02:14:29 - cmdstanpy - INFO - Chain [1] done processing
02:14:29 - cmdstanpy - INFO - Chain [1] start processing
02:14:29 - cmdstanpy - INFO - Chain [1] done processing
02:14:30 - cmdstanpy - INFO - Chain [1] start processing
02:14:30 - cmdstanpy - INFO - Chain [1] done processing
02:14:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:30 - cmdstanpy - INFO - Chain [1] start processing
02:14:30 - cmdstanpy - INFO - Chain [1] done processing
02:14:30 - cmdstanpy - INFO - Chain [1] start processing
02:14:30 - cmdstanpy - INFO - Chain [1] done processing
02:14:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:30 - cmdstanpy - INFO - Chain [1] start processing
02:14:31 - cmdstanpy - INFO - Chain [1] done processing
02:14:31 - cmdstanpy - INFO - Chain [1] start processing
02:14:31 - cmdstanpy - INFO - Chain [1] done processing
02:14:31 - cmdstanpy - INFO - Chain [1] start processing
02:14:31 - cmdstanpy - INFO - Chain [1] done processing
02:14:32 - cmdstanpy - INFO - Chain [1] start processing
02:14:32 - cmdstanpy - INFO - Chain [1] done processing
02:14:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:32 - cmdstanpy - INFO - Chain [1] start processing
02:14:32 - cmdstanpy - INFO - Chain [1] done processing
02:14:32 - cmdstanpy - INFO - Chain [1] start processing
02:14:33 - cmdstanpy - INFO - Chain [1] done processing
02:14:33 - cmdstanpy - INFO - Chain [1] start processing
02:14:33 - cmdstanpy - INFO - Chain [1] done processing
02:14:33 - cmdstanpy - INFO - Chain [1] start processing
02:14:33 - cmdstanpy - INFO - Chain [1] done processing
02:14:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:33 - cmdstanpy - INFO - Chain [1] start processing
02:14:33 - cmdstanpy - INFO - Chain [1] done processing
02:14:34 - cmdstanpy - INFO - Chain [1] start processing
02:14:34 - cmdstanpy - INFO - Chain [1] done processing
02:14:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:34 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:14:34 - cmdstanpy - INFO - Chain [1] done processing
02:14:34 - cmdstanpy - INFO - Chain [1] start processing
02:14:34 - cmdstanpy - INFO - Chain [1] done processing
02:14:35 - cmdstanpy - INFO - Chain [1] start processing
02:14:35 - cmdstanpy - INFO - Chain [1] done processing
02:14:35 - cmdstanpy - INFO - Chain [1] start processing
02:14:35 - cmdstanpy - INFO - Chain [1] done processing
02:14:35 - cmdstanpy - INFO - Chain [1] start processing
02:14:36 - cmdstanpy - INFO - Chain [1] done processing
02:14:36 - cmdstanpy - INFO - Chain [1] start processing
02:14:36 - cmdstanpy - INFO - Chain [1] done processing
02:14:36 - cmdstanpy - INFO - Chain [1] start processing
02:14:36 - cmdstanpy - INFO - Chain [1] done processing
02:14:37 - cmdstanpy - INFO - Chain [1] start processing
02:14:37 - cmdstanpy - INFO - Chain [1] done processing
02:14:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:37 - cmdstanpy - INFO - Chain [1] start processing
02:14:37 - cmdstanpy - INFO - Chain [1] done processing
02:14:37 - cmdstanpy - INFO - Chain [1] start processing
02:14:37 - cmdstanpy - INFO - Chain [1] done processing
02:14:38 - cmdstanpy - INFO - Chain [1] start processing
02:14:38 - cmdstanpy - INFO - Chain [1] done processing
02:14:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:38 - cmdstanpy - INFO - Chain [1] start processing
02:14:38 - cmdstanpy - INFO - Chain [1] done processing
02:14:38 - cmdstanpy - INFO - Chain [1] start processing
02:14:38 - cmdstanpy - INFO - Chain [1] done processing
02:14:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:38 - cmdstanpy - INFO - Chain [1] start processing
02:14:39 - cmdstanpy - INFO - Chain [1] done processing
02:14:39 - cmdstanpy - INFO - Chain [1] start processing
02:14:39 - cmdstanpy - INFO - Chain [1] done processing
02:14:39 - cmdstanpy - INFO - Chain [1] start processing
02:14:39 - cmdstanpy - INFO - Chain [1] done processing
02:14:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:39 - cmdstanpy - INFO - Chain [1] start processing
02:14:40 - cmdstanpy - INFO - Chain [1] done processing
02:14:40 - cmdstanpy - INFO - Chain [1] start processing
02:14:40 - cmdstanpy - INFO - Chain [1] done processing
02:14:40 - cmdstanpy - INFO - Chain [1] start processing
02:14:41 - cmdstanpy - INFO - Chain [1] done processing
02:14:41 - cmdstanpy - INFO - Chain [1] start processing
02:14:41 - cmdstanpy - INFO - Chain [1] done processing
02:14:41 - cmdstanpy - INFO - Chain [1] start processing
02:14:41 - cmdstanpy - INFO - Chain [1] done processing
02:14:42 - cmdstanpy - INFO - Chain [1] start processing
02:14:42 - cmdstanpy - INFO - Chain [1] done processing
02:14:42 - cmdstanpy - INFO - Chain [1] start processing
02:14:42 - cmdstanpy - INFO - Chain [1] done processing
02:14:43 - cmdstanpy - INFO - Chain [1] start processing
02:14:43 - cmdstanpy - INFO - Chain [1] done processing
02:14:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:43 - cmdstanpy - INFO - Chain [1] start processing
02:14:43 - cmdstanpy - INFO - Chain [1] done processing
02:14:43 - cmdstanpy - INFO - Chain [1] start processing
02:14:43 - cmdstanpy - INFO - Chain [1] done processing
02:14:44 - cmdstanpy - INFO - Chain [1] start processing
02:14:44 - cmdstanpy - INFO - Chain [1] done processing
02:14:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:14:44 - cmdstanpy - INFO - Chain [1] start processing
02:14:44 - cmdstanpy - INFO - Chain [1] done processing
02:14:44 - cmdstanpy - INFO - Chain [1] start processing
02:14:44 - cmdstanpy - INFO - Chain [1] done processing
02:14:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:44 - cmdstanpy - INFO - Chain [1] start processing
02:14:45 - cmdstanpy - INFO - Chain [1] done processing
02:14:45 - cmdstanpy - INFO - Chain [1] start processing
02:14:45 - cmdstanpy - INFO - Chain [1] done processing
02:14:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:45 - cmdstanpy - INFO - Chain [1] start processing
02:14:45 - cmdstanpy - INFO - Chain [1] done processing
02:14:45 - cmdstanpy - INFO - Chain [1] start processing
02:14:45 - cmdstanpy - INFO - Chain [1] done processing
02:14:46 - cmdstanpy - INFO - Chain [1] start processing
02:14:46 - cmdstanpy - INFO - Chain [1] done processing
02:14:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:46 - cmdstanpy - INFO - Chain [1] start processing
02:14:46 - cmdstanpy - INFO - Chain [1] done processing
02:14:46 - cmdstanpy - INFO - Chain [1] start processing
02:14:46 - cmdstanpy - INFO - Chain [1] done processing
02:14:47 - cmdstanpy - INFO - Chain [1] start processing
02:14:47 - cmdstanpy - INFO - Chain [1] done processing
02:14:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:47 - cmdstanpy - INFO - Chain [1] start processing
02:14:47 - cmdstanpy - INFO - Chain [1] done processing
02:14:47 - cmdstanpy - INFO - Chain [1] start processing
02:14:47 - cmdstanpy - INFO - Chain [1] done processing
02:14:48 - cmdstanpy - INFO - Chain [1] start processing
02:14:48 - cmdstanpy - INFO - Chain [1] done processing
02:14:48 - cmdstanpy - INFO - Chain [1] start processing
02:14:48 - cmdstanpy - INFO - Chain [1] done processing
02:14:49 - cmdstanpy - INFO - Chain [1] start processing
02:14:49 - cmdstanpy - INFO - Chain [1] done processing
02:14:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:49 - cmdstanpy - INFO - Chain [1] start processing
02:14:49 - cmdstanpy - INFO - Chain [1] done processing
02:14:49 - cmdstanpy - INFO - Chain [1] start processing
02:14:49 - cmdstanpy - INFO - Chain [1] done processing
02:14:50 - cmdstanpy - INFO - Chain [1] start processing
02:14:50 - cmdstanpy - INFO - Chain [1] done processing
02:14:50 - cmdstanpy - INFO - Chain [1] start processing
02:14:50 - cmdstanpy - INFO - Chain [1] done processing
02:14:51 - cmdstanpy - INFO - Chain [1] start processing
02:14:51 - cmdstanpy - INFO - Chain [1] done processing
02:14:51 - cmdstanpy - INFO - Chain [1] start processing
02:14:51 - cmdstanpy - INFO - Chain [1] done processing
02:14:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:51 - cmdstanpy - INFO - Chain [1] start processing
02:14:51 - cmdstanpy - INFO - Chain [1] done processing
02:14:52 - cmdstanpy - INFO - Chain [1] start processing
02:14:52 - cmdstanpy - INFO - Chain [1] done processing
02:14:52 - cmdstanpy - INFO - Chain [1] start processing
02:14:52 - cmdstanpy - INFO - Chain [1] done processing
02:14:52 - cmdstanpy - INFO - Chain [1] start processing
02:14:52 - cmdstanpy - INFO - Chain [1] done processing
02:14:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:14:52 - cmdstanpy - INFO - Chain [1] start processing
02:14:53 - cmdstanpy - INFO - Chain [1] done processing
02:14:53 - cmdstanpy - INFO - Chain [1] start processing
02:14:53 - cmdstanpy - INFO - Chain [1] done processing
02:14:53 - cmdstanpy - INFO - Chain [1] start processing
02:14:53 - cmdstanpy - INFO - Chain [1] done processing
02:14:54 - cmdstanpy - INFO - Chain [1] start processing
02:14:54 - cmdstanpy - INFO - Chain [1] done processing
02:14:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:54 - cmdstanpy - INFO - Chain [1] start processing
02:14:54 - cmdstanpy - INFO - Chain [1] done processing
02:14:54 - cmdstanpy - INFO - Chain [1] start processing
02:14:54 - cmdstanpy - INFO - Chain [1] done processing
02:14:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:54 - cmdstanpy - INFO - Chain [1] start processing
02:14:55 - cmdstanpy - INFO - Chain [1] done processing
02:14:55 - cmdstanpy - INFO - Chain [1] start processing
02:14:55 - cmdstanpy - INFO - Chain [1] done processing
02:14:55 - cmdstanpy - INFO - Chain [1] start processing
02:14:55 - cmdstanpy - INFO - Chain [1] done processing
02:14:56 - cmdstanpy - INFO - Chain [1] start processing
02:14:56 - cmdstanpy - INFO - Chain [1] done processing
02:14:56 - cmdstanpy - INFO - Chain [1] start processing
02:14:56 - cmdstanpy - INFO - Chain [1] done processing
02:14:56 - cmdstanpy - INFO - Chain [1] start processing
02:14:57 - cmdstanpy - INFO - Chain [1] done processing
02:14:57 - cmdstanpy - INFO - Chain [1] start processing
02:14:57 - cmdstanpy - INFO - Chain [1] done processing
02:14:57 - cmdstanpy - INFO - Chain [1] start processing
02:14:57 - cmdstanpy - INFO - Chain [1] done processing
02:14:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:57 - cmdstanpy - INFO - Chain [1] start processing
02:14:58 - cmdstanpy - INFO - Chain [1] done processing
02:14:58 - cmdstanpy - INFO - Chain [1] start processing
02:14:58 - cmdstanpy - INFO - Chain [1] done processing
02:14:58 - cmdstanpy - INFO - Chain [1] start processing
02:14:58 - cmdstanpy - INFO - Chain [1] done processing
02:14:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:14:58 - cmdstanpy - INFO - Chain [1] start processing
02:14:58 - cmdstanpy - INFO - Chain [1] done processing
02:14:59 - cmdstanpy - INFO - Chain [1] start processing
02:14:59 - cmdstanpy - INFO - Chain [1] done processing
02:14:59 - cmdstanpy - INFO - Chain [1] start processing
02:14:59 - cmdstanpy - INFO - Chain [1] done processing
02:15:00 - cmdstanpy - INFO - Chain [1] start processing
02:15:00 - cmdstanpy - INFO - Chain [1] done processing
02:15:00 - cmdstanpy - INFO - Chain [1] start processing
02:15:00 - cmdstanpy - INFO - Chain [1] done processing
02:15:01 - cmdstanpy - INFO - Chain [1] start processing
02:15:01 - cmdstanpy - INFO - Chain [1] done processing
02:15:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:01 - cmdstanpy - INFO - Chain [1] start processing
02:15:01 - cmdstanpy - INFO - Chain [1] done processing
02:15:02 - cmdstanpy - INFO - Chain [1] start processing
02:15:02 - cmdstanpy - INFO - Chain [1] done processing
02:15:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:02 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:15:02 - cmdstanpy - INFO - Chain [1] done processing
02:15:02 - cmdstanpy - INFO - Chain [1] start processing
02:15:02 - cmdstanpy - INFO - Chain [1] done processing
02:15:03 - cmdstanpy - INFO - Chain [1] start processing
02:15:03 - cmdstanpy - INFO - Chain [1] done processing
02:15:03 - cmdstanpy - INFO - Chain [1] start processing
02:15:03 - cmdstanpy - INFO - Chain [1] done processing
02:15:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:03 - cmdstanpy - INFO - Chain [1] start processing
02:15:03 - cmdstanpy - INFO - Chain [1] done processing
02:15:04 - cmdstanpy - INFO - Chain [1] start processing
02:15:04 - cmdstanpy - INFO - Chain [1] done processing
02:15:04 - cmdstanpy - INFO - Chain [1] start processing
02:15:04 - cmdstanpy - INFO - Chain [1] done processing
02:15:05 - cmdstanpy - INFO - Chain [1] start processing
02:15:05 - cmdstanpy - INFO - Chain [1] done processing
02:15:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:05 - cmdstanpy - INFO - Chain [1] start processing
02:15:05 - cmdstanpy - INFO - Chain [1] done processing
02:15:05 - cmdstanpy - INFO - Chain [1] start processing
02:15:05 - cmdstanpy - INFO - Chain [1] done processing
02:15:06 - cmdstanpy - INFO - Chain [1] start processing
02:15:06 - cmdstanpy - INFO - Chain [1] done processing
02:15:06 - cmdstanpy - INFO - Chain [1] start processing
02:15:06 - cmdstanpy - INFO - Chain [1] done processing
02:15:07 - cmdstanpy - INFO - Chain [1] start processing
02:15:07 - cmdstanpy - INFO - Chain [1] done processing
02:15:07 - cmdstanpy - INFO - Chain [1] start processing
02:15:07 - cmdstanpy - INFO - Chain [1] done processing
02:15:07 - cmdstanpy - INFO - Chain [1] start processing
02:15:07 - cmdstanpy - INFO - Chain [1] done processing
02:15:08 - cmdstanpy - INFO - Chain [1] start processing
02:15:08 - cmdstanpy - INFO - Chain [1] done processing
02:15:08 - cmdstanpy - INFO - Chain [1] start processing
02:15:08 - cmdstanpy - INFO - Chain [1] done processing
02:15:09 - cmdstanpy - INFO - Chain [1] start processing
02:15:09 - cmdstanpy - INFO - Chain [1] done processing
02:15:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:09 - cmdstanpy - INFO - Chain [1] start processing
02:15:09 - cmdstanpy - INFO - Chain [1] done processing
02:15:09 - cmdstanpy - INFO - Chain [1] start processing
02:15:09 - cmdstanpy - INFO - Chain [1] done processing
02:15:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:09 - cmdstanpy - INFO - Chain [1] start processing
02:15:09 - cmdstanpy - INFO - Chain [1] done processing
02:15:10 - cmdstanpy - INFO - Chain [1] start processing
02:15:10 - cmdstanpy - INFO - Chain [1] done processing
02:15:10 - cmdstanpy - INFO - Chain [1] start processing
02:15:11 - cmdstanpy - INFO - Chain [1] done processing
02:15:11 - cmdstanpy - INFO - Chain [1] start processing
02:15:11 - cmdstanpy - INFO - Chain [1] done processing
02:15:11 - cmdstanpy - INFO - Chain [1] start processing
02:15:11 - cmdstanpy - INFO - Chain [1] done processing
02:15:12 - cmdstanpy - INFO - Chain [1] start processing
02:15:12 - cmdstanpy - INFO - Chain [1] done processing
02:15:12 - cmdstanpy - INFO - Chain [1] start processing
02:15:12 - cmdstanpy - INFO - Chain [1] done processing
02:15:12 - cmdstanpy - INFO - Chain [1] start processing
02:15:12 - cmdstanpy - INFO - Chain [1] done processing
02:15:13 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:15:13 - cmdstanpy - INFO - Chain [1] done processing
02:15:13 - cmdstanpy - INFO - Chain [1] start processing
02:15:13 - cmdstanpy - INFO - Chain [1] done processing
02:15:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:13 - cmdstanpy - INFO - Chain [1] start processing
02:15:14 - cmdstanpy - INFO - Chain [1] done processing
02:15:14 - cmdstanpy - INFO - Chain [1] start processing
02:15:14 - cmdstanpy - INFO - Chain [1] done processing
02:15:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:14 - cmdstanpy - INFO - Chain [1] start processing
02:15:14 - cmdstanpy - INFO - Chain [1] done processing
02:15:15 - cmdstanpy - INFO - Chain [1] start processing
02:15:15 - cmdstanpy - INFO - Chain [1] done processing
02:15:15 - cmdstanpy - INFO - Chain [1] start processing
02:15:15 - cmdstanpy - INFO - Chain [1] done processing
02:15:16 - cmdstanpy - INFO - Chain [1] start processing
02:15:16 - cmdstanpy - INFO - Chain [1] done processing
02:15:16 - cmdstanpy - INFO - Chain [1] start processing
02:15:16 - cmdstanpy - INFO - Chain [1] done processing
02:15:16 - cmdstanpy - INFO - Chain [1] start processing
02:15:16 - cmdstanpy - INFO - Chain [1] done processing
02:15:17 - cmdstanpy - INFO - Chain [1] start processing
02:15:17 - cmdstanpy - INFO - Chain [1] done processing
02:15:17 - cmdstanpy - INFO - Chain [1] start processing
02:15:17 - cmdstanpy - INFO - Chain [1] done processing
02:15:17 - cmdstanpy - INFO - Chain [1] start processing
02:15:18 - cmdstanpy - INFO - Chain [1] done processing
02:15:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:18 - cmdstanpy - INFO - Chain [1] start processing
02:15:18 - cmdstanpy - INFO - Chain [1] done processing
02:15:18 - cmdstanpy - INFO - Chain [1] start processing
02:15:18 - cmdstanpy - INFO - Chain [1] done processing
02:15:19 - cmdstanpy - INFO - Chain [1] start processing
02:15:19 - cmdstanpy - INFO - Chain [1] done processing
02:15:19 - cmdstanpy - INFO - Chain [1] start processing
02:15:19 - cmdstanpy - INFO - Chain [1] done processing
02:15:19 - cmdstanpy - INFO - Chain [1] start processing
02:15:20 - cmdstanpy - INFO - Chain [1] done processing
02:15:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:20 - cmdstanpy - INFO - Chain [1] start processing
02:15:20 - cmdstanpy - INFO - Chain [1] done processing
02:15:20 - cmdstanpy - INFO - Chain [1] start processing
02:15:20 - cmdstanpy - INFO - Chain [1] done processing
02:15:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:20 - cmdstanpy - INFO - Chain [1] start processing
02:15:21 - cmdstanpy - INFO - Chain [1] done processing
02:15:21 - cmdstanpy - INFO - Chain [1] start processing
02:15:21 - cmdstanpy - INFO - Chain [1] done processing
02:15:22 - cmdstanpy - INFO - Chain [1] start processing
02:15:22 - cmdstanpy - INFO - Chain [1] done processing
02:15:22 - cmdstanpy - INFO - Chain [1] start processing
02:15:22 - cmdstanpy - INFO - Chain [1] done processing
02:15:22 - cmdstanpy - INFO - Chain [1] start processing
02:15:22 - cmdstanpy - INFO - Chain [1] done processing
02:15:23 - cmdstanpy - INFO - Chain [1] start processing
02:15:23 - cmdstanpy - INFO - Chain [1] done processing
02:15:23 - cmdstanpy - INFO - Chain [1] start processing
02:15:23 - cmdstanpy - INFO - Chain [1] done processing
02:15:24 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:15:24 - cmdstanpy - INFO - Chain [1] done processing
02:15:24 - cmdstanpy - INFO - Chain [1] start processing
02:15:24 - cmdstanpy - INFO - Chain [1] done processing
02:15:24 - cmdstanpy - INFO - Chain [1] start processing
02:15:24 - cmdstanpy - INFO - Chain [1] done processing
02:15:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:24 - cmdstanpy - INFO - Chain [1] start processing
02:15:25 - cmdstanpy - INFO - Chain [1] done processing
02:15:25 - cmdstanpy - INFO - Chain [1] start processing
02:15:25 - cmdstanpy - INFO - Chain [1] done processing
02:15:25 - cmdstanpy - INFO - Chain [1] start processing
02:15:25 - cmdstanpy - INFO - Chain [1] done processing
02:15:26 - cmdstanpy - INFO - Chain [1] start processing
02:15:26 - cmdstanpy - INFO - Chain [1] done processing
02:15:26 - cmdstanpy - INFO - Chain [1] start processing
02:15:26 - cmdstanpy - INFO - Chain [1] done processing
02:15:27 - cmdstanpy - INFO - Chain [1] start processing
02:15:27 - cmdstanpy - INFO - Chain [1] done processing
02:15:27 - cmdstanpy - INFO - Chain [1] start processing
02:15:27 - cmdstanpy - INFO - Chain [1] done processing
02:15:27 - cmdstanpy - INFO - Chain [1] start processing
02:15:27 - cmdstanpy - INFO - Chain [1] done processing
02:15:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:28 - cmdstanpy - INFO - Chain [1] start processing
02:15:28 - cmdstanpy - INFO - Chain [1] done processing
02:15:28 - cmdstanpy - INFO - Chain [1] start processing
02:15:28 - cmdstanpy - INFO - Chain [1] done processing
02:15:29 - cmdstanpy - INFO - Chain [1] start processing
02:15:29 - cmdstanpy - INFO - Chain [1] done processing
02:15:29 - cmdstanpy - INFO - Chain [1] start processing
02:15:29 - cmdstanpy - INFO - Chain [1] done processing
02:15:29 - cmdstanpy - INFO - Chain [1] start processing
02:15:29 - cmdstanpy - INFO - Chain [1] done processing
02:15:30 - cmdstanpy - INFO - Chain [1] start processing
02:15:30 - cmdstanpy - INFO - Chain [1] done processing
02:15:30 - cmdstanpy - INFO - Chain [1] start processing
02:15:30 - cmdstanpy - INFO - Chain [1] done processing
02:15:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:15:30 - cmdstanpy - INFO - Chain [1] start processing
02:15:30 - cmdstanpy - INFO - Chain [1] done processing
02:15:31 - cmdstanpy - INFO - Chain [1] start processing
02:15:31 - cmdstanpy - INFO - Chain [1] done processing
02:15:31 - cmdstanpy - INFO - Chain [1] start processing
02:15:31 - cmdstanpy - INFO - Chain [1] done processing
02:15:31 - cmdstanpy - INFO - Chain [1] start processing
02:15:32 - cmdstanpy - INFO - Chain [1] done processing
02:15:32 - cmdstanpy - INFO - Chain [1] start processing
02:15:32 - cmdstanpy - INFO - Chain [1] done processing
02:15:32 - cmdstanpy - INFO - Chain [1] start processing
02:15:32 - cmdstanpy - INFO - Chain [1] done processing
02:15:33 - cmdstanpy - INFO - Chain [1] start processing
02:15:33 - cmdstanpy - INFO - Chain [1] done processing
02:15:33 - cmdstanpy - INFO - Chain [1] start processing
02:15:33 - cmdstanpy - INFO - Chain [1] done processing
02:15:34 - cmdstanpy - INFO - Chain [1] start processing
02:15:34 - cmdstanpy - INFO - Chain [1] done processing
02:15:34 - cmdstanpy - INFO - Chain [1] start processing
02:15:34 - cmdstanpy - INFO - Chain [1] done processing
02:15:34 - cmdstanpy - INFO - Chain [1] start processing
02:15:35 - cmdstanpy - INFO - Chain [1] done processing
02:15:35 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:15:35 - cmdstanpy - INFO - Chain [1] done processing
02:15:35 - cmdstanpy - INFO - Chain [1] start processing
02:15:35 - cmdstanpy - INFO - Chain [1] done processing
02:15:36 - cmdstanpy - INFO - Chain [1] start processing
02:15:36 - cmdstanpy - INFO - Chain [1] done processing
02:15:36 - cmdstanpy - INFO - Chain [1] start processing
02:15:36 - cmdstanpy - INFO - Chain [1] done processing
02:15:36 - cmdstanpy - INFO - Chain [1] start processing
02:15:36 - cmdstanpy - INFO - Chain [1] done processing
02:15:37 - cmdstanpy - INFO - Chain [1] start processing
02:15:37 - cmdstanpy - INFO - Chain [1] done processing
02:15:37 - cmdstanpy - INFO - Chain [1] start processing
02:15:37 - cmdstanpy - INFO - Chain [1] done processing
02:15:38 - cmdstanpy - INFO - Chain [1] start processing
02:15:38 - cmdstanpy - INFO - Chain [1] done processing
02:15:38 - cmdstanpy - INFO - Chain [1] start processing
02:15:38 - cmdstanpy - INFO - Chain [1] done processing
02:15:38 - cmdstanpy - INFO - Chain [1] start processing
02:15:38 - cmdstanpy - INFO - Chain [1] done processing
02:15:39 - cmdstanpy - INFO - Chain [1] start processing
02:15:39 - cmdstanpy - INFO - Chain [1] done processing
02:15:39 - cmdstanpy - INFO - Chain [1] start processing
02:15:39 - cmdstanpy - INFO - Chain [1] done processing
02:15:39 - cmdstanpy - INFO - Chain [1] start processing
02:15:40 - cmdstanpy - INFO - Chain [1] done processing
02:15:40 - cmdstanpy - INFO - Chain [1] start processing
02:15:40 - cmdstanpy - INFO - Chain [1] done processing
02:15:40 - cmdstanpy - INFO - Chain [1] start processing
02:15:40 - cmdstanpy - INFO - Chain [1] done processing
02:15:41 - cmdstanpy - INFO - Chain [1] start processing
02:15:41 - cmdstanpy - INFO - Chain [1] done processing
02:15:41 - cmdstanpy - INFO - Chain [1] start processing
02:15:41 - cmdstanpy - INFO - Chain [1] done processing
02:15:41 - cmdstanpy - INFO - Chain [1] start processing
02:15:41 - cmdstanpy - INFO - Chain [1] done processing
02:15:42 - cmdstanpy - INFO - Chain [1] start processing
02:15:42 - cmdstanpy - INFO - Chain [1] done processing
02:15:42 - cmdstanpy - INFO - Chain [1] start processing
02:15:42 - cmdstanpy - INFO - Chain [1] done processing
02:15:43 - cmdstanpy - INFO - Chain [1] start processing
02:15:43 - cmdstanpy - INFO - Chain [1] done processing
02:15:43 - cmdstanpy - INFO - Chain [1] start processing
02:15:43 - cmdstanpy - INFO - Chain [1] done processing
02:15:43 - cmdstanpy - INFO - Chain [1] start processing
02:15:44 - cmdstanpy - INFO - Chain [1] done processing
02:15:44 - cmdstanpy - INFO - Chain [1] start processing
02:15:44 - cmdstanpy - INFO - Chain [1] done processing
02:15:45 - cmdstanpy - INFO - Chain [1] start processing
02:15:45 - cmdstanpy - INFO - Chain [1] done processing
02:15:45 - cmdstanpy - INFO - Chain [1] start processing
02:15:45 - cmdstanpy - INFO - Chain [1] done processing
02:15:45 - cmdstanpy - INFO - Chain [1] start processing
02:15:45 - cmdstanpy - INFO - Chain [1] done processing
02:15:46 - cmdstanpy - INFO - Chain [1] start processing
02:15:46 - cmdstanpy - INFO - Chain [1] done processing
02:15:46 - cmdstanpy - INFO - Chain [1] start processing
02:15:46 - cmdstanpy - INFO - Chain [1] done processing
02:15:47 - cmdstanpy - INFO - Chain [1] start processing
02:15:47 - cmdstanpy - INFO - Chain [1] done processing
02:15:47 - cmdstanpy - INFO - Chain [1] start processing
02:15:47 - cmdstanpy - INFO - Chain [1] done processing
02:15:48 - cmdstanpy - INFO - Chain [1] start processing
02:15:48 - cmdstanpy - INFO - Chain [1] done processing
02:15:48 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:15:48 - cmdstanpy - INFO - Chain [1] done processing
02:15:49 - cmdstanpy - INFO - Chain [1] start processing
02:15:49 - cmdstanpy - INFO - Chain [1] done processing
02:15:49 - cmdstanpy - INFO - Chain [1] start processing
02:15:49 - cmdstanpy - INFO - Chain [1] done processing
02:15:49 - cmdstanpy - INFO - Chain [1] start processing
02:15:50 - cmdstanpy - INFO - Chain [1] done processing
02:15:50 - cmdstanpy - INFO - Chain [1] start processing
02:15:50 - cmdstanpy - INFO - Chain [1] done processing
02:15:50 - cmdstanpy - INFO - Chain [1] start processing
02:15:50 - cmdstanpy - INFO - Chain [1] done processing
02:15:51 - cmdstanpy - INFO - Chain [1] start processing
02:15:51 - cmdstanpy - INFO - Chain [1] done processing
02:15:51 - cmdstanpy - INFO - Chain [1] start processing
02:15:51 - cmdstanpy - INFO - Chain [1] done processing
02:15:52 - cmdstanpy - INFO - Chain [1] start processing
02:15:52 - cmdstanpy - INFO - Chain [1] done processing
02:15:52 - cmdstanpy - INFO - Chain [1] start processing
02:15:52 - cmdstanpy - INFO - Chain [1] done processing
02:15:52 - cmdstanpy - INFO - Chain [1] start processing
02:15:52 - cmdstanpy - INFO - Chain [1] done processing
02:15:53 - cmdstanpy - INFO - Chain [1] start processing
02:15:53 - cmdstanpy - INFO - Chain [1] done processing
02:15:53 - cmdstanpy - INFO - Chain [1] start processing
02:15:53 - cmdstanpy - INFO - Chain [1] done processing
02:15:54 - cmdstanpy - INFO - Chain [1] start processing
02:15:54 - cmdstanpy - INFO - Chain [1] done processing
02:15:54 - cmdstanpy - INFO - Chain [1] start processing
02:15:54 - cmdstanpy - INFO - Chain [1] done processing
02:15:55 - cmdstanpy - INFO - Chain [1] start processing
02:15:55 - cmdstanpy - INFO - Chain [1] done processing
02:15:55 - cmdstanpy - INFO - Chain [1] start processing
02:15:55 - cmdstanpy - INFO - Chain [1] done processing
02:15:55 - cmdstanpy - INFO - Chain [1] start processing
02:15:55 - cmdstanpy - INFO - Chain [1] done processing
02:15:56 - cmdstanpy - INFO - Chain [1] start processing
02:15:56 - cmdstanpy - INFO - Chain [1] done processing
02:15:56 - cmdstanpy - INFO - Chain [1] start processing
02:15:56 - cmdstanpy - INFO - Chain [1] done processing
02:15:57 - cmdstanpy - INFO - Chain [1] start processing
02:15:57 - cmdstanpy - INFO - Chain [1] done processing
02:15:57 - cmdstanpy - INFO - Chain [1] start processing
02:15:58 - cmdstanpy - INFO - Chain [1] done processing
02:15:58 - cmdstanpy - INFO - Chain [1] start processing
02:15:58 - cmdstanpy - INFO - Chain [1] done processing
02:15:58 - cmdstanpy - INFO - Chain [1] start processing
02:15:58 - cmdstanpy - INFO - Chain [1] done processing
02:15:59 - cmdstanpy - INFO - Chain [1] start processing
02:15:59 - cmdstanpy - INFO - Chain [1] done processing
02:15:59 - cmdstanpy - INFO - Chain [1] start processing
02:15:59 - cmdstanpy - INFO - Chain [1] done processing
02:16:00 - cmdstanpy - INFO - Chain [1] start processing
02:16:00 - cmdstanpy - INFO - Chain [1] done processing
02:16:00 - cmdstanpy - INFO - Chain [1] start processing
02:16:00 - cmdstanpy - INFO - Chain [1] done processing
02:16:01 - cmdstanpy - INFO - Chain [1] start processing
02:16:01 - cmdstanpy - INFO - Chain [1] done processing
02:16:01 - cmdstanpy - INFO - Chain [1] start processing
02:16:01 - cmdstanpy - INFO - Chain [1] done processing
02:16:02 - cmdstanpy - INFO - Chain [1] start processing
02:16:02 - cmdstanpy - INFO - Chain [1] done processing
02:16:02 - cmdstanpy - INFO - Chain [1] start processing
02:16:02 - cmdstanpy - INFO - Chain [1] done processing
02:16:02 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:16:03 - cmdstanpy - INFO - Chain [1] done processing
02:16:03 - cmdstanpy - INFO - Chain [1] start processing
02:16:03 - cmdstanpy - INFO - Chain [1] done processing
02:16:03 - cmdstanpy - INFO - Chain [1] start processing
02:16:03 - cmdstanpy - INFO - Chain [1] done processing
02:16:04 - cmdstanpy - INFO - Chain [1] start processing
02:16:04 - cmdstanpy - INFO - Chain [1] done processing
02:16:04 - cmdstanpy - INFO - Chain [1] start processing
02:16:04 - cmdstanpy - INFO - Chain [1] done processing
02:16:05 - cmdstanpy - INFO - Chain [1] start processing
02:16:05 - cmdstanpy - INFO - Chain [1] done processing
02:16:05 - cmdstanpy - INFO - Chain [1] start processing
02:16:05 - cmdstanpy - INFO - Chain [1] done processing
02:16:06 - cmdstanpy - INFO - Chain [1] start processing
02:16:06 - cmdstanpy - INFO - Chain [1] done processing
02:16:06 - cmdstanpy - INFO - Chain [1] start processing
02:16:06 - cmdstanpy - INFO - Chain [1] done processing
02:16:06 - cmdstanpy - INFO - Chain [1] start processing
02:16:06 - cmdstanpy - INFO - Chain [1] done processing
02:16:07 - cmdstanpy - INFO - Chain [1] start processing
02:16:07 - cmdstanpy - INFO - Chain [1] done processing
02:16:07 - cmdstanpy - INFO - Chain [1] start processing
02:16:07 - cmdstanpy - INFO - Chain [1] done processing
02:16:08 - cmdstanpy - INFO - Chain [1] start processing
02:16:08 - cmdstanpy - INFO - Chain [1] done processing
02:16:08 - cmdstanpy - INFO - Chain [1] start processing
02:16:08 - cmdstanpy - INFO - Chain [1] done processing
02:16:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:08 - cmdstanpy - INFO - Chain [1] start processing
02:16:08 - cmdstanpy - INFO - Chain [1] done processing
02:16:09 - cmdstanpy - INFO - Chain [1] start processing
02:16:09 - cmdstanpy - INFO - Chain [1] done processing
02:16:09 - cmdstanpy - INFO - Chain [1] start processing
02:16:09 - cmdstanpy - INFO - Chain [1] done processing
02:16:10 - cmdstanpy - INFO - Chain [1] start processing
02:16:10 - cmdstanpy - INFO - Chain [1] done processing
02:16:10 - cmdstanpy - INFO - Chain [1] start processing
02:16:10 - cmdstanpy - INFO - Chain [1] done processing
02:16:10 - cmdstanpy - INFO - Chain [1] start processing
02:16:10 - cmdstanpy - INFO - Chain [1] done processing
02:16:11 - cmdstanpy - INFO - Chain [1] start processing
02:16:11 - cmdstanpy - INFO - Chain [1] done processing
02:16:11 - cmdstanpy - INFO - Chain [1] start processing
02:16:11 - cmdstanpy - INFO - Chain [1] done processing
02:16:12 - cmdstanpy - INFO - Chain [1] start processing
02:16:12 - cmdstanpy - INFO - Chain [1] done processing
02:16:12 - cmdstanpy - INFO - Chain [1] start processing
02:16:12 - cmdstanpy - INFO - Chain [1] done processing
02:16:12 - cmdstanpy - INFO - Chain [1] start processing
02:16:12 - cmdstanpy - INFO - Chain [1] done processing
02:16:13 - cmdstanpy - INFO - Chain [1] start processing
02:16:13 - cmdstanpy - INFO - Chain [1] done processing
02:16:13 - cmdstanpy - INFO - Chain [1] start processing
02:16:13 - cmdstanpy - INFO - Chain [1] done processing
02:16:14 - cmdstanpy - INFO - Chain [1] start processing
02:16:14 - cmdstanpy - INFO - Chain [1] done processing
02:16:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:14 - cmdstanpy - INFO - Chain [1] start processing
02:16:14 - cmdstanpy - INFO - Chain [1] done processing
02:16:14 - cmdstanpy - INFO - Chain [1] start processing
02:16:14 - cmdstanpy - INFO - Chain [1] done processing
02:16:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:16:15 - cmdstanpy - INFO - Chain [1] done processing
02:16:15 - cmdstanpy - INFO - Chain [1] start processing
02:16:15 - cmdstanpy - INFO - Chain [1] done processing
02:16:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:15 - cmdstanpy - INFO - Chain [1] start processing
02:16:15 - cmdstanpy - INFO - Chain [1] done processing
02:16:16 - cmdstanpy - INFO - Chain [1] start processing
02:16:16 - cmdstanpy - INFO - Chain [1] done processing
02:16:16 - cmdstanpy - INFO - Chain [1] start processing
02:16:16 - cmdstanpy - INFO - Chain [1] done processing
02:16:17 - cmdstanpy - INFO - Chain [1] start processing
02:16:17 - cmdstanpy - INFO - Chain [1] done processing
02:16:17 - cmdstanpy - INFO - Chain [1] start processing
02:16:17 - cmdstanpy - INFO - Chain [1] done processing
02:16:17 - cmdstanpy - INFO - Chain [1] start processing
02:16:17 - cmdstanpy - INFO - Chain [1] done processing
02:16:18 - cmdstanpy - INFO - Chain [1] start processing
02:16:18 - cmdstanpy - INFO - Chain [1] done processing
02:16:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:18 - cmdstanpy - INFO - Chain [1] start processing
02:16:18 - cmdstanpy - INFO - Chain [1] done processing
02:16:19 - cmdstanpy - INFO - Chain [1] start processing
02:16:19 - cmdstanpy - INFO - Chain [1] done processing
02:16:19 - cmdstanpy - INFO - Chain [1] start processing
02:16:19 - cmdstanpy - INFO - Chain [1] done processing
02:16:19 - cmdstanpy - INFO - Chain [1] start processing
02:16:19 - cmdstanpy - INFO - Chain [1] done processing
02:16:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:19 - cmdstanpy - INFO - Chain [1] start processing
02:16:20 - cmdstanpy - INFO - Chain [1] done processing
02:16:20 - cmdstanpy - INFO - Chain [1] start processing
02:16:20 - cmdstanpy - INFO - Chain [1] done processing
02:16:20 - cmdstanpy - INFO - Chain [1] start processing
02:16:20 - cmdstanpy - INFO - Chain [1] done processing
02:16:21 - cmdstanpy - INFO - Chain [1] start processing
02:16:21 - cmdstanpy - INFO - Chain [1] done processing
02:16:21 - cmdstanpy - INFO - Chain [1] start processing
02:16:21 - cmdstanpy - INFO - Chain [1] done processing
02:16:22 - cmdstanpy - INFO - Chain [1] start processing
02:16:22 - cmdstanpy - INFO - Chain [1] done processing
02:16:22 - cmdstanpy - INFO - Chain [1] start processing
02:16:22 - cmdstanpy - INFO - Chain [1] done processing
02:16:22 - cmdstanpy - INFO - Chain [1] start processing
02:16:22 - cmdstanpy - INFO - Chain [1] done processing
02:16:23 - cmdstanpy - INFO - Chain [1] start processing
02:16:23 - cmdstanpy - INFO - Chain [1] done processing
02:16:23 - cmdstanpy - INFO - Chain [1] start processing
02:16:23 - cmdstanpy - INFO - Chain [1] done processing
02:16:24 - cmdstanpy - INFO - Chain [1] start processing
02:16:24 - cmdstanpy - INFO - Chain [1] done processing
02:16:24 - cmdstanpy - INFO - Chain [1] start processing
02:16:24 - cmdstanpy - INFO - Chain [1] done processing
02:16:24 - cmdstanpy - INFO - Chain [1] start processing
02:16:24 - cmdstanpy - INFO - Chain [1] done processing
02:16:25 - cmdstanpy - INFO - Chain [1] start processing
02:16:25 - cmdstanpy - INFO - Chain [1] done processing
02:16:25 - cmdstanpy - INFO - Chain [1] start processing
02:16:25 - cmdstanpy - INFO - Chain [1] done processing
02:16:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:25 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:16:25 - cmdstanpy - INFO - Chain [1] done processing
02:16:26 - cmdstanpy - INFO - Chain [1] start processing
02:16:26 - cmdstanpy - INFO - Chain [1] done processing
02:16:26 - cmdstanpy - INFO - Chain [1] start processing
02:16:26 - cmdstanpy - INFO - Chain [1] done processing
02:16:27 - cmdstanpy - INFO - Chain [1] start processing
02:16:27 - cmdstanpy - INFO - Chain [1] done processing
02:16:27 - cmdstanpy - INFO - Chain [1] start processing
02:16:27 - cmdstanpy - INFO - Chain [1] done processing
02:16:27 - cmdstanpy - INFO - Chain [1] start processing
02:16:27 - cmdstanpy - INFO - Chain [1] done processing
02:16:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:28 - cmdstanpy - INFO - Chain [1] start processing
02:16:28 - cmdstanpy - INFO - Chain [1] done processing
02:16:28 - cmdstanpy - INFO - Chain [1] start processing
02:16:28 - cmdstanpy - INFO - Chain [1] done processing
02:16:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:28 - cmdstanpy - INFO - Chain [1] start processing
02:16:28 - cmdstanpy - INFO - Chain [1] done processing
02:16:29 - cmdstanpy - INFO - Chain [1] start processing
02:16:29 - cmdstanpy - INFO - Chain [1] done processing
02:16:29 - cmdstanpy - INFO - Chain [1] start processing
02:16:29 - cmdstanpy - INFO - Chain [1] done processing
02:16:30 - cmdstanpy - INFO - Chain [1] start processing
02:16:30 - cmdstanpy - INFO - Chain [1] done processing
02:16:30 - cmdstanpy - INFO - Chain [1] start processing
02:16:30 - cmdstanpy - INFO - Chain [1] done processing
02:16:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:30 - cmdstanpy - INFO - Chain [1] start processing
02:16:30 - cmdstanpy - INFO - Chain [1] done processing
02:16:31 - cmdstanpy - INFO - Chain [1] start processing
02:16:31 - cmdstanpy - INFO - Chain [1] done processing
02:16:31 - cmdstanpy - INFO - Chain [1] start processing
02:16:31 - cmdstanpy - INFO - Chain [1] done processing
02:16:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:31 - cmdstanpy - INFO - Chain [1] start processing
02:16:31 - cmdstanpy - INFO - Chain [1] done processing
02:16:32 - cmdstanpy - INFO - Chain [1] start processing
02:16:32 - cmdstanpy - INFO - Chain [1] done processing
02:16:32 - cmdstanpy - INFO - Chain [1] start processing
02:16:32 - cmdstanpy - INFO - Chain [1] done processing
02:16:32 - cmdstanpy - INFO - Chain [1] start processing
02:16:32 - cmdstanpy - INFO - Chain [1] done processing
02:16:33 - cmdstanpy - INFO - Chain [1] start processing
02:16:33 - cmdstanpy - INFO - Chain [1] done processing
02:16:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:33 - cmdstanpy - INFO - Chain [1] start processing
02:16:33 - cmdstanpy - INFO - Chain [1] done processing
02:16:33 - cmdstanpy - INFO - Chain [1] start processing
02:16:34 - cmdstanpy - INFO - Chain [1] done processing
02:16:34 - cmdstanpy - INFO - Chain [1] start processing
02:16:34 - cmdstanpy - INFO - Chain [1] done processing
02:16:34 - cmdstanpy - INFO - Chain [1] start processing
02:16:34 - cmdstanpy - INFO - Chain [1] done processing
02:16:35 - cmdstanpy - INFO - Chain [1] start processing
02:16:35 - cmdstanpy - INFO - Chain [1] done processing
02:16:35 - cmdstanpy - INFO - Chain [1] start processing
02:16:35 - cmdstanpy - INFO - Chain [1] done processing
02:16:36 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:16:36 - cmdstanpy - INFO - Chain [1] done processing
02:16:36 - cmdstanpy - INFO - Chain [1] start processing
02:16:36 - cmdstanpy - INFO - Chain [1] done processing
02:16:36 - cmdstanpy - INFO - Chain [1] start processing
02:16:36 - cmdstanpy - INFO - Chain [1] done processing
02:16:37 - cmdstanpy - INFO - Chain [1] start processing
02:16:37 - cmdstanpy - INFO - Chain [1] done processing
02:16:37 - cmdstanpy - INFO - Chain [1] start processing
02:16:37 - cmdstanpy - INFO - Chain [1] done processing
02:16:38 - cmdstanpy - INFO - Chain [1] start processing
02:16:38 - cmdstanpy - INFO - Chain [1] done processing
02:16:38 - cmdstanpy - INFO - Chain [1] start processing
02:16:38 - cmdstanpy - INFO - Chain [1] done processing
02:16:38 - cmdstanpy - INFO - Chain [1] start processing
02:16:38 - cmdstanpy - INFO - Chain [1] done processing
02:16:39 - cmdstanpy - INFO - Chain [1] start processing
02:16:39 - cmdstanpy - INFO - Chain [1] done processing
02:16:39 - cmdstanpy - INFO - Chain [1] start processing
02:16:39 - cmdstanpy - INFO - Chain [1] done processing
02:16:39 - cmdstanpy - INFO - Chain [1] start processing
02:16:39 - cmdstanpy - INFO - Chain [1] done processing
02:16:40 - cmdstanpy - INFO - Chain [1] start processing
02:16:40 - cmdstanpy - INFO - Chain [1] done processing
02:16:40 - cmdstanpy - INFO - Chain [1] start processing
02:16:40 - cmdstanpy - INFO - Chain [1] done processing
02:16:41 - cmdstanpy - INFO - Chain [1] start processing
02:16:41 - cmdstanpy - INFO - Chain [1] done processing
02:16:41 - cmdstanpy - INFO - Chain [1] start processing
02:16:41 - cmdstanpy - INFO - Chain [1] done processing
02:16:42 - cmdstanpy - INFO - Chain [1] start processing
02:16:42 - cmdstanpy - INFO - Chain [1] done processing
02:16:42 - cmdstanpy - INFO - Chain [1] start processing
02:16:42 - cmdstanpy - INFO - Chain [1] done processing
02:16:43 - cmdstanpy - INFO - Chain [1] start processing
02:16:43 - cmdstanpy - INFO - Chain [1] done processing
02:16:43 - cmdstanpy - INFO - Chain [1] start processing
02:16:43 - cmdstanpy - INFO - Chain [1] done processing
02:16:43 - cmdstanpy - INFO - Chain [1] start processing
02:16:44 - cmdstanpy - INFO - Chain [1] done processing
02:16:44 - cmdstanpy - INFO - Chain [1] start processing
02:16:44 - cmdstanpy - INFO - Chain [1] done processing
02:16:44 - cmdstanpy - INFO - Chain [1] start processing
02:16:44 - cmdstanpy - INFO - Chain [1] done processing
02:16:45 - cmdstanpy - INFO - Chain [1] start processing
02:16:45 - cmdstanpy - INFO - Chain [1] done processing
02:16:45 - cmdstanpy - INFO - Chain [1] start processing
02:16:45 - cmdstanpy - INFO - Chain [1] done processing
02:16:45 - cmdstanpy - INFO - Chain [1] start processing
02:16:45 - cmdstanpy - INFO - Chain [1] done processing
02:16:46 - cmdstanpy - INFO - Chain [1] start processing
02:16:46 - cmdstanpy - INFO - Chain [1] done processing
02:16:46 - cmdstanpy - INFO - Chain [1] start processing
02:16:46 - cmdstanpy - INFO - Chain [1] done processing
02:16:46 - cmdstanpy - INFO - Chain [1] start processing
02:16:47 - cmdstanpy - INFO - Chain [1] done processing
02:16:47 - cmdstanpy - INFO - Chain [1] start processing
02:16:47 - cmdstanpy - INFO - Chain [1] done processing
02:16:47 - cmdstanpy - INFO - Chain [1] start processing
02:16:47 - cmdstanpy - INFO - Chain [1] done processing
02:16:48 - cmdstanpy - INFO - Chain [1] start processing
02:16:48 - cmdstanpy - INFO - Chain [1] done processing
02:16:48 - cmdstanpy - INFO - Chain [1] start processing
02:16:48 - cmdstanpy - INFO - Chain [1] done processing
02:16:48 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:16:48 - cmdstanpy - INFO - Chain [1] done processing
02:16:49 - cmdstanpy - INFO - Chain [1] start processing
02:16:49 - cmdstanpy - INFO - Chain [1] done processing
02:16:49 - cmdstanpy - INFO - Chain [1] start processing
02:16:49 - cmdstanpy - INFO - Chain [1] done processing
02:16:50 - cmdstanpy - INFO - Chain [1] start processing
02:16:50 - cmdstanpy - INFO - Chain [1] done processing
02:16:50 - cmdstanpy - INFO - Chain [1] start processing
02:16:50 - cmdstanpy - INFO - Chain [1] done processing
02:16:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:50 - cmdstanpy - INFO - Chain [1] start processing
02:16:50 - cmdstanpy - INFO - Chain [1] done processing
02:16:51 - cmdstanpy - INFO - Chain [1] start processing
02:16:51 - cmdstanpy - INFO - Chain [1] done processing
02:16:51 - cmdstanpy - INFO - Chain [1] start processing
02:16:51 - cmdstanpy - INFO - Chain [1] done processing
02:16:51 - cmdstanpy - INFO - Chain [1] start processing
02:16:51 - cmdstanpy - INFO - Chain [1] done processing
02:16:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:51 - cmdstanpy - INFO - Chain [1] start processing
02:16:52 - cmdstanpy - INFO - Chain [1] done processing
02:16:52 - cmdstanpy - INFO - Chain [1] start processing
02:16:52 - cmdstanpy - INFO - Chain [1] done processing
02:16:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:52 - cmdstanpy - INFO - Chain [1] start processing
02:16:52 - cmdstanpy - INFO - Chain [1] done processing
02:16:53 - cmdstanpy - INFO - Chain [1] start processing
02:16:53 - cmdstanpy - INFO - Chain [1] done processing
02:16:53 - cmdstanpy - INFO - Chain [1] start processing
02:16:53 - cmdstanpy - INFO - Chain [1] done processing
02:16:53 - cmdstanpy - INFO - Chain [1] start processing
02:16:53 - cmdstanpy - INFO - Chain [1] done processing
02:16:54 - cmdstanpy - INFO - Chain [1] start processing
02:16:54 - cmdstanpy - INFO - Chain [1] done processing
02:16:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:54 - cmdstanpy - INFO - Chain [1] start processing
02:16:54 - cmdstanpy - INFO - Chain [1] done processing
02:16:54 - cmdstanpy - INFO - Chain [1] start processing
02:16:54 - cmdstanpy - INFO - Chain [1] done processing
02:16:55 - cmdstanpy - INFO - Chain [1] start processing
02:16:55 - cmdstanpy - INFO - Chain [1] done processing
02:16:55 - cmdstanpy - INFO - Chain [1] start processing
02:16:55 - cmdstanpy - INFO - Chain [1] done processing
02:16:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:55 - cmdstanpy - INFO - Chain [1] start processing
02:16:55 - cmdstanpy - INFO - Chain [1] done processing
02:16:56 - cmdstanpy - INFO - Chain [1] start processing
02:16:56 - cmdstanpy - INFO - Chain [1] done processing
02:16:56 - cmdstanpy - INFO - Chain [1] start processing
02:16:56 - cmdstanpy - INFO - Chain [1] done processing
02:16:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:56 - cmdstanpy - INFO - Chain [1] start processing
02:16:57 - cmdstanpy - INFO - Chain [1] done processing
02:16:57 - cmdstanpy - INFO - Chain [1] start processing
02:16:57 - cmdstanpy - INFO - Chain [1] done processing
02:16:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:57 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:16:57 - cmdstanpy - INFO - Chain [1] done processing
02:16:57 - cmdstanpy - INFO - Chain [1] start processing
02:16:58 - cmdstanpy - INFO - Chain [1] done processing
02:16:58 - cmdstanpy - INFO - Chain [1] start processing
02:16:58 - cmdstanpy - INFO - Chain [1] done processing
02:16:58 - cmdstanpy - INFO - Chain [1] start processing
02:16:58 - cmdstanpy - INFO - Chain [1] done processing
02:16:59 - cmdstanpy - INFO - Chain [1] start processing
02:16:59 - cmdstanpy - INFO - Chain [1] done processing
02:16:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:16:59 - cmdstanpy - INFO - Chain [1] start processing
02:16:59 - cmdstanpy - INFO - Chain [1] done processing
02:16:59 - cmdstanpy - INFO - Chain [1] start processing
02:16:59 - cmdstanpy - INFO - Chain [1] done processing
02:17:00 - cmdstanpy - INFO - Chain [1] start processing
02:17:00 - cmdstanpy - INFO - Chain [1] done processing
02:17:00 - cmdstanpy - INFO - Chain [1] start processing
02:17:00 - cmdstanpy - INFO - Chain [1] done processing
02:17:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:00 - cmdstanpy - INFO - Chain [1] start processing
02:17:00 - cmdstanpy - INFO - Chain [1] done processing
02:17:01 - cmdstanpy - INFO - Chain [1] start processing
02:17:01 - cmdstanpy - INFO - Chain [1] done processing
02:17:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:01 - cmdstanpy - INFO - Chain [1] start processing
02:17:01 - cmdstanpy - INFO - Chain [1] done processing
02:17:02 - cmdstanpy - INFO - Chain [1] start processing
02:17:02 - cmdstanpy - INFO - Chain [1] done processing
02:17:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:02 - cmdstanpy - INFO - Chain [1] start processing
02:17:02 - cmdstanpy - INFO - Chain [1] done processing
02:17:02 - cmdstanpy - INFO - Chain [1] start processing
02:17:02 - cmdstanpy - INFO - Chain [1] done processing
02:17:03 - cmdstanpy - INFO - Chain [1] start processing
02:17:03 - cmdstanpy - INFO - Chain [1] done processing
02:17:03 - cmdstanpy - INFO - Chain [1] start processing
02:17:03 - cmdstanpy - INFO - Chain [1] done processing
02:17:03 - cmdstanpy - INFO - Chain [1] start processing
02:17:04 - cmdstanpy - INFO - Chain [1] done processing
02:17:04 - cmdstanpy - INFO - Chain [1] start processing
02:17:04 - cmdstanpy - INFO - Chain [1] done processing
02:17:04 - cmdstanpy - INFO - Chain [1] start processing
02:17:04 - cmdstanpy - INFO - Chain [1] done processing
02:17:05 - cmdstanpy - INFO - Chain [1] start processing
02:17:05 - cmdstanpy - INFO - Chain [1] done processing
02:17:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:05 - cmdstanpy - INFO - Chain [1] start processing
02:17:05 - cmdstanpy - INFO - Chain [1] done processing
02:17:05 - cmdstanpy - INFO - Chain [1] start processing
02:17:05 - cmdstanpy - INFO - Chain [1] done processing
02:17:06 - cmdstanpy - INFO - Chain [1] start processing
02:17:06 - cmdstanpy - INFO - Chain [1] done processing
02:17:06 - cmdstanpy - INFO - Chain [1] start processing
02:17:06 - cmdstanpy - INFO - Chain [1] done processing
02:17:07 - cmdstanpy - INFO - Chain [1] start processing
02:17:07 - cmdstanpy - INFO - Chain [1] done processing
02:17:07 - cmdstanpy - INFO - Chain [1] start processing
02:17:07 - cmdstanpy - INFO - Chain [1] done processing
02:17:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:17:07 - cmdstanpy - INFO - Chain [1] start processing
02:17:07 - cmdstanpy - INFO - Chain [1] done processing
02:17:08 - cmdstanpy - INFO - Chain [1] start processing
02:17:08 - cmdstanpy - INFO - Chain [1] done processing
02:17:08 - cmdstanpy - INFO - Chain [1] start processing
02:17:08 - cmdstanpy - INFO - Chain [1] done processing
02:17:08 - cmdstanpy - INFO - Chain [1] start processing
02:17:08 - cmdstanpy - INFO - Chain [1] done processing
02:17:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:08 - cmdstanpy - INFO - Chain [1] start processing
02:17:09 - cmdstanpy - INFO - Chain [1] done processing
02:17:09 - cmdstanpy - INFO - Chain [1] start processing
02:17:09 - cmdstanpy - INFO - Chain [1] done processing
02:17:09 - cmdstanpy - INFO - Chain [1] start processing
02:17:09 - cmdstanpy - INFO - Chain [1] done processing
02:17:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:09 - cmdstanpy - INFO - Chain [1] start processing
02:17:10 - cmdstanpy - INFO - Chain [1] done processing
02:17:10 - cmdstanpy - INFO - Chain [1] start processing
02:17:10 - cmdstanpy - INFO - Chain [1] done processing
02:17:10 - cmdstanpy - INFO - Chain [1] start processing
02:17:10 - cmdstanpy - INFO - Chain [1] done processing
02:17:11 - cmdstanpy - INFO - Chain [1] start processing
02:17:11 - cmdstanpy - INFO - Chain [1] done processing
02:17:11 - cmdstanpy - INFO - Chain [1] start processing
02:17:11 - cmdstanpy - INFO - Chain [1] done processing
02:17:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:11 - cmdstanpy - INFO - Chain [1] start processing
02:17:11 - cmdstanpy - INFO - Chain [1] done processing
02:17:12 - cmdstanpy - INFO - Chain [1] start processing
02:17:12 - cmdstanpy - INFO - Chain [1] done processing
02:17:12 - cmdstanpy - INFO - Chain [1] start processing
02:17:12 - cmdstanpy - INFO - Chain [1] done processing
02:17:12 - cmdstanpy - INFO - Chain [1] start processing
02:17:13 - cmdstanpy - INFO - Chain [1] done processing
02:17:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:13 - cmdstanpy - INFO - Chain [1] start processing
02:17:13 - cmdstanpy - INFO - Chain [1] done processing
02:17:13 - cmdstanpy - INFO - Chain [1] start processing
02:17:13 - cmdstanpy - INFO - Chain [1] done processing
02:17:13 - cmdstanpy - INFO - Chain [1] start processing
02:17:14 - cmdstanpy - INFO - Chain [1] done processing
02:17:14 - cmdstanpy - INFO - Chain [1] start processing
02:17:14 - cmdstanpy - INFO - Chain [1] done processing
02:17:14 - cmdstanpy - INFO - Chain [1] start processing
02:17:14 - cmdstanpy - INFO - Chain [1] done processing
02:17:15 - cmdstanpy - INFO - Chain [1] start processing
02:17:15 - cmdstanpy - INFO - Chain [1] done processing
02:17:15 - cmdstanpy - INFO - Chain [1] start processing
02:17:15 - cmdstanpy - INFO - Chain [1] done processing
02:17:15 - cmdstanpy - INFO - Chain [1] start processing
02:17:16 - cmdstanpy - INFO - Chain [1] done processing
02:17:16 - cmdstanpy - INFO - Chain [1] start processing
02:17:16 - cmdstanpy - INFO - Chain [1] done processing
02:17:16 - cmdstanpy - INFO - Chain [1] start processing
02:17:16 - cmdstanpy - INFO - Chain [1] done processing
02:17:17 - cmdstanpy - INFO - Chain [1] start processing
02:17:17 - cmdstanpy - INFO - Chain [1] done processing
02:17:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:17:17 - cmdstanpy - INFO - Chain [1] start processing
02:17:17 - cmdstanpy - INFO - Chain [1] done processing
02:17:17 - cmdstanpy - INFO - Chain [1] start processing
02:17:17 - cmdstanpy - INFO - Chain [1] done processing
02:17:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:17 - cmdstanpy - INFO - Chain [1] start processing
02:17:18 - cmdstanpy - INFO - Chain [1] done processing
02:17:18 - cmdstanpy - INFO - Chain [1] start processing
02:17:18 - cmdstanpy - INFO - Chain [1] done processing
02:17:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:18 - cmdstanpy - INFO - Chain [1] start processing
02:17:18 - cmdstanpy - INFO - Chain [1] done processing
02:17:19 - cmdstanpy - INFO - Chain [1] start processing
02:17:19 - cmdstanpy - INFO - Chain [1] done processing
02:17:19 - cmdstanpy - INFO - Chain [1] start processing
02:17:19 - cmdstanpy - INFO - Chain [1] done processing
02:17:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:19 - cmdstanpy - INFO - Chain [1] start processing
02:17:19 - cmdstanpy - INFO - Chain [1] done processing
02:17:20 - cmdstanpy - INFO - Chain [1] start processing
02:17:20 - cmdstanpy - INFO - Chain [1] done processing
02:17:20 - cmdstanpy - INFO - Chain [1] start processing
02:17:20 - cmdstanpy - INFO - Chain [1] done processing
02:17:20 - cmdstanpy - INFO - Chain [1] start processing
02:17:20 - cmdstanpy - INFO - Chain [1] done processing
02:17:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:20 - cmdstanpy - INFO - Chain [1] start processing
02:17:21 - cmdstanpy - INFO - Chain [1] done processing
02:17:21 - cmdstanpy - INFO - Chain [1] start processing
02:17:21 - cmdstanpy - INFO - Chain [1] done processing
02:17:21 - cmdstanpy - INFO - Chain [1] start processing
02:17:21 - cmdstanpy - INFO - Chain [1] done processing
02:17:22 - cmdstanpy - INFO - Chain [1] start processing
02:17:22 - cmdstanpy - INFO - Chain [1] done processing
02:17:22 - cmdstanpy - INFO - Chain [1] start processing
02:17:22 - cmdstanpy - INFO - Chain [1] done processing
02:17:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:22 - cmdstanpy - INFO - Chain [1] start processing
02:17:23 - cmdstanpy - INFO - Chain [1] done processing
02:17:23 - cmdstanpy - INFO - Chain [1] start processing
02:17:23 - cmdstanpy - INFO - Chain [1] done processing
02:17:23 - cmdstanpy - INFO - Chain [1] start processing
02:17:23 - cmdstanpy - INFO - Chain [1] done processing
02:17:24 - cmdstanpy - INFO - Chain [1] start processing
02:17:24 - cmdstanpy - INFO - Chain [1] done processing
02:17:24 - cmdstanpy - INFO - Chain [1] start processing
02:17:24 - cmdstanpy - INFO - Chain [1] done processing
02:17:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:24 - cmdstanpy - INFO - Chain [1] start processing
02:17:25 - cmdstanpy - INFO - Chain [1] done processing
02:17:25 - cmdstanpy - INFO - Chain [1] start processing
02:17:25 - cmdstanpy - INFO - Chain [1] done processing
02:17:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:25 - cmdstanpy - INFO - Chain [1] start processing
02:17:25 - cmdstanpy - INFO - Chain [1] done processing
02:17:26 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:17:26 - cmdstanpy - INFO - Chain [1] done processing
02:17:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:26 - cmdstanpy - INFO - Chain [1] start processing
02:17:26 - cmdstanpy - INFO - Chain [1] done processing
02:17:26 - cmdstanpy - INFO - Chain [1] start processing
02:17:26 - cmdstanpy - INFO - Chain [1] done processing
02:17:27 - cmdstanpy - INFO - Chain [1] start processing
02:17:27 - cmdstanpy - INFO - Chain [1] done processing
02:17:27 - cmdstanpy - INFO - Chain [1] start processing
02:17:27 - cmdstanpy - INFO - Chain [1] done processing
02:17:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:27 - cmdstanpy - INFO - Chain [1] start processing
02:17:27 - cmdstanpy - INFO - Chain [1] done processing
02:17:28 - cmdstanpy - INFO - Chain [1] start processing
02:17:28 - cmdstanpy - INFO - Chain [1] done processing
02:17:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:28 - cmdstanpy - INFO - Chain [1] start processing
02:17:28 - cmdstanpy - INFO - Chain [1] done processing
02:17:28 - cmdstanpy - INFO - Chain [1] start processing
02:17:28 - cmdstanpy - INFO - Chain [1] done processing
02:17:29 - cmdstanpy - INFO - Chain [1] start processing
02:17:29 - cmdstanpy - INFO - Chain [1] done processing
02:17:29 - cmdstanpy - INFO - Chain [1] start processing
02:17:29 - cmdstanpy - INFO - Chain [1] done processing
02:17:30 - cmdstanpy - INFO - Chain [1] start processing
02:17:30 - cmdstanpy - INFO - Chain [1] done processing
02:17:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:30 - cmdstanpy - INFO - Chain [1] start processing
02:17:30 - cmdstanpy - INFO - Chain [1] done processing
02:17:30 - cmdstanpy - INFO - Chain [1] start processing
02:17:30 - cmdstanpy - INFO - Chain [1] done processing
02:17:31 - cmdstanpy - INFO - Chain [1] start processing
02:17:31 - cmdstanpy - INFO - Chain [1] done processing
02:17:31 - cmdstanpy - INFO - Chain [1] start processing
02:17:31 - cmdstanpy - INFO - Chain [1] done processing
02:17:32 - cmdstanpy - INFO - Chain [1] start processing
02:17:32 - cmdstanpy - INFO - Chain [1] done processing
02:17:32 - cmdstanpy - INFO - Chain [1] start processing
02:17:32 - cmdstanpy - INFO - Chain [1] done processing
02:17:32 - cmdstanpy - INFO - Chain [1] start processing
02:17:32 - cmdstanpy - INFO - Chain [1] done processing
02:17:33 - cmdstanpy - INFO - Chain [1] start processing
02:17:33 - cmdstanpy - INFO - Chain [1] done processing
02:17:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:33 - cmdstanpy - INFO - Chain [1] start processing
02:17:33 - cmdstanpy - INFO - Chain [1] done processing
02:17:33 - cmdstanpy - INFO - Chain [1] start processing
02:17:33 - cmdstanpy - INFO - Chain [1] done processing
02:17:34 - cmdstanpy - INFO - Chain [1] start processing
02:17:34 - cmdstanpy - INFO - Chain [1] done processing
02:17:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:34 - cmdstanpy - INFO - Chain [1] start processing
02:17:34 - cmdstanpy - INFO - Chain [1] done processing
02:17:35 - cmdstanpy - INFO - Chain [1] start processing
02:17:35 - cmdstanpy - INFO - Chain [1] done processing
02:17:35 - cmdstanpy - INFO - Chain [1] start processing
02:17:35 - cmdstanpy - INFO - Chain [1] done processing
02:17:35 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:17:35 - cmdstanpy - INFO - Chain [1] done processing
02:17:36 - cmdstanpy - INFO - Chain [1] start processing
02:17:36 - cmdstanpy - INFO - Chain [1] done processing
02:17:36 - cmdstanpy - INFO - Chain [1] start processing
02:17:36 - cmdstanpy - INFO - Chain [1] done processing
02:17:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:36 - cmdstanpy - INFO - Chain [1] start processing
02:17:36 - cmdstanpy - INFO - Chain [1] done processing
02:17:37 - cmdstanpy - INFO - Chain [1] start processing
02:17:37 - cmdstanpy - INFO - Chain [1] done processing
02:17:37 - cmdstanpy - INFO - Chain [1] start processing
02:17:37 - cmdstanpy - INFO - Chain [1] done processing
02:17:37 - cmdstanpy - INFO - Chain [1] start processing
02:17:37 - cmdstanpy - INFO - Chain [1] done processing
02:17:38 - cmdstanpy - INFO - Chain [1] start processing
02:17:38 - cmdstanpy - INFO - Chain [1] done processing
02:17:38 - cmdstanpy - INFO - Chain [1] start processing
02:17:38 - cmdstanpy - INFO - Chain [1] done processing
02:17:39 - cmdstanpy - INFO - Chain [1] start processing
02:17:39 - cmdstanpy - INFO - Chain [1] done processing
02:17:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:39 - cmdstanpy - INFO - Chain [1] start processing
02:17:39 - cmdstanpy - INFO - Chain [1] done processing
02:17:39 - cmdstanpy - INFO - Chain [1] start processing
02:17:39 - cmdstanpy - INFO - Chain [1] done processing
02:17:40 - cmdstanpy - INFO - Chain [1] start processing
02:17:40 - cmdstanpy - INFO - Chain [1] done processing
02:17:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:40 - cmdstanpy - INFO - Chain [1] start processing
02:17:40 - cmdstanpy - INFO - Chain [1] done processing
02:17:40 - cmdstanpy - INFO - Chain [1] start processing
02:17:41 - cmdstanpy - INFO - Chain [1] done processing
02:17:41 - cmdstanpy - INFO - Chain [1] start processing
02:17:41 - cmdstanpy - INFO - Chain [1] done processing
02:17:41 - cmdstanpy - INFO - Chain [1] start processing
02:17:41 - cmdstanpy - INFO - Chain [1] done processing
02:17:42 - cmdstanpy - INFO - Chain [1] start processing
02:17:42 - cmdstanpy - INFO - Chain [1] done processing
02:17:42 - cmdstanpy - INFO - Chain [1] start processing
02:17:42 - cmdstanpy - INFO - Chain [1] done processing
02:17:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:42 - cmdstanpy - INFO - Chain [1] start processing
02:17:43 - cmdstanpy - INFO - Chain [1] done processing
02:17:43 - cmdstanpy - INFO - Chain [1] start processing
02:17:43 - cmdstanpy - INFO - Chain [1] done processing
02:17:43 - cmdstanpy - INFO - Chain [1] start processing
02:17:43 - cmdstanpy - INFO - Chain [1] done processing
02:17:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:43 - cmdstanpy - INFO - Chain [1] start processing
02:17:43 - cmdstanpy - INFO - Chain [1] done processing
02:17:44 - cmdstanpy - INFO - Chain [1] start processing
02:17:44 - cmdstanpy - INFO - Chain [1] done processing
02:17:44 - cmdstanpy - INFO - Chain [1] start processing
02:17:44 - cmdstanpy - INFO - Chain [1] done processing
02:17:45 - cmdstanpy - INFO - Chain [1] start processing
02:17:45 - cmdstanpy - INFO - Chain [1] done processing
02:17:45 - cmdstanpy - INFO - Chain [1] start processing
02:17:45 - cmdstanpy - INFO - Chain [1] done processing
02:17:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:17:45 - cmdstanpy - INFO - Chain [1] done processing
02:17:46 - cmdstanpy - INFO - Chain [1] start processing
02:17:46 - cmdstanpy - INFO - Chain [1] done processing
02:17:46 - cmdstanpy - INFO - Chain [1] start processing
02:17:46 - cmdstanpy - INFO - Chain [1] done processing
02:17:47 - cmdstanpy - INFO - Chain [1] start processing
02:17:47 - cmdstanpy - INFO - Chain [1] done processing
02:17:47 - cmdstanpy - INFO - Chain [1] start processing
02:17:47 - cmdstanpy - INFO - Chain [1] done processing
02:17:48 - cmdstanpy - INFO - Chain [1] start processing
02:17:48 - cmdstanpy - INFO - Chain [1] done processing
02:17:48 - cmdstanpy - INFO - Chain [1] start processing
02:17:48 - cmdstanpy - INFO - Chain [1] done processing
02:17:48 - cmdstanpy - INFO - Chain [1] start processing
02:17:48 - cmdstanpy - INFO - Chain [1] done processing
02:17:49 - cmdstanpy - INFO - Chain [1] start processing
02:17:49 - cmdstanpy - INFO - Chain [1] done processing
02:17:49 - cmdstanpy - INFO - Chain [1] start processing
02:17:49 - cmdstanpy - INFO - Chain [1] done processing
02:17:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:49 - cmdstanpy - INFO - Chain [1] start processing
02:17:49 - cmdstanpy - INFO - Chain [1] done processing
02:17:50 - cmdstanpy - INFO - Chain [1] start processing
02:17:50 - cmdstanpy - INFO - Chain [1] done processing
02:17:50 - cmdstanpy - INFO - Chain [1] start processing
02:17:50 - cmdstanpy - INFO - Chain [1] done processing
02:17:51 - cmdstanpy - INFO - Chain [1] start processing
02:17:51 - cmdstanpy - INFO - Chain [1] done processing
02:17:51 - cmdstanpy - INFO - Chain [1] start processing
02:17:51 - cmdstanpy - INFO - Chain [1] done processing
02:17:51 - cmdstanpy - INFO - Chain [1] start processing
02:17:52 - cmdstanpy - INFO - Chain [1] done processing
02:17:52 - cmdstanpy - INFO - Chain [1] start processing
02:17:52 - cmdstanpy - INFO - Chain [1] done processing
02:17:52 - cmdstanpy - INFO - Chain [1] start processing
02:17:52 - cmdstanpy - INFO - Chain [1] done processing
02:17:53 - cmdstanpy - INFO - Chain [1] start processing
02:17:53 - cmdstanpy - INFO - Chain [1] done processing
02:17:53 - cmdstanpy - INFO - Chain [1] start processing
02:17:53 - cmdstanpy - INFO - Chain [1] done processing
02:17:53 - cmdstanpy - INFO - Chain [1] start processing
02:17:54 - cmdstanpy - INFO - Chain [1] done processing
02:17:54 - cmdstanpy - INFO - Chain [1] start processing
02:17:54 - cmdstanpy - INFO - Chain [1] done processing
02:17:54 - cmdstanpy - INFO - Chain [1] start processing
02:17:54 - cmdstanpy - INFO - Chain [1] done processing
02:17:55 - cmdstanpy - INFO - Chain [1] start processing
02:17:55 - cmdstanpy - INFO - Chain [1] done processing
02:17:55 - cmdstanpy - INFO - Chain [1] start processing
02:17:55 - cmdstanpy - INFO - Chain [1] done processing
02:17:55 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:17:55 - cmdstanpy - INFO - Chain [1] start processing
02:17:55 - cmdstanpy - INFO - Chain [1] done processing
02:17:56 - cmdstanpy - INFO - Chain [1] start processing
02:17:56 - cmdstanpy - INFO - Chain [1] done processing
02:17:56 - cmdstanpy - INFO - Chain [1] start processing
02:17:56 - cmdstanpy - INFO - Chain [1] done processing
02:17:56 - cmdstanpy - INFO - Chain [1] start processing
02:17:57 - cmdstanpy - INFO - Chain [1] done processing
02:17:57 - cmdstanpy - INFO - Chain [1] start processing
02:17:57 - cmdstanpy - INFO - Chain [1] done processing
02:17:57 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:17:57 - cmdstanpy - INFO - Chain [1] done processing
02:17:58 - cmdstanpy - INFO - Chain [1] start processing
02:17:58 - cmdstanpy - INFO - Chain [1] done processing
02:17:58 - cmdstanpy - INFO - Chain [1] start processing
02:17:58 - cmdstanpy - INFO - Chain [1] done processing
02:17:59 - cmdstanpy - INFO - Chain [1] start processing
02:17:59 - cmdstanpy - INFO - Chain [1] done processing
02:17:59 - cmdstanpy - INFO - Chain [1] start processing
02:17:59 - cmdstanpy - INFO - Chain [1] done processing
02:18:00 - cmdstanpy - INFO - Chain [1] start processing
02:18:00 - cmdstanpy - INFO - Chain [1] done processing
02:18:00 - cmdstanpy - INFO - Chain [1] start processing
02:18:00 - cmdstanpy - INFO - Chain [1] done processing
02:18:00 - cmdstanpy - INFO - Chain [1] start processing
02:18:01 - cmdstanpy - INFO - Chain [1] done processing
02:18:01 - cmdstanpy - INFO - Chain [1] start processing
02:18:01 - cmdstanpy - INFO - Chain [1] done processing
02:18:01 - cmdstanpy - INFO - Chain [1] start processing
02:18:01 - cmdstanpy - INFO - Chain [1] done processing
02:18:02 - cmdstanpy - INFO - Chain [1] start processing
02:18:02 - cmdstanpy - INFO - Chain [1] done processing
02:18:02 - cmdstanpy - INFO - Chain [1] start processing
02:18:02 - cmdstanpy - INFO - Chain [1] done processing
02:18:02 - cmdstanpy - INFO - Chain [1] start processing
02:18:03 - cmdstanpy - INFO - Chain [1] done processing
02:18:03 - cmdstanpy - INFO - Chain [1] start processing
02:18:03 - cmdstanpy - INFO - Chain [1] done processing
02:18:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:03 - cmdstanpy - INFO - Chain [1] start processing
02:18:04 - cmdstanpy - INFO - Chain [1] done processing
02:18:04 - cmdstanpy - INFO - Chain [1] start processing
02:18:04 - cmdstanpy - INFO - Chain [1] done processing
02:18:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:04 - cmdstanpy - INFO - Chain [1] start processing
02:18:04 - cmdstanpy - INFO - Chain [1] done processing
02:18:05 - cmdstanpy - INFO - Chain [1] start processing
02:18:05 - cmdstanpy - INFO - Chain [1] done processing
02:18:05 - cmdstanpy - INFO - Chain [1] start processing
02:18:05 - cmdstanpy - INFO - Chain [1] done processing
02:18:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:05 - cmdstanpy - INFO - Chain [1] start processing
02:18:06 - cmdstanpy - INFO - Chain [1] done processing
02:18:06 - cmdstanpy - INFO - Chain [1] start processing
02:18:06 - cmdstanpy - INFO - Chain [1] done processing
02:18:06 - cmdstanpy - INFO - Chain [1] start processing
02:18:06 - cmdstanpy - INFO - Chain [1] done processing
02:18:07 - cmdstanpy - INFO - Chain [1] start processing
02:18:07 - cmdstanpy - INFO - Chain [1] done processing
02:18:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:07 - cmdstanpy - INFO - Chain [1] start processing
02:18:07 - cmdstanpy - INFO - Chain [1] done processing
02:18:07 - cmdstanpy - INFO - Chain [1] start processing
02:18:08 - cmdstanpy - INFO - Chain [1] done processing
02:18:08 - cmdstanpy - INFO - Chain [1] start processing
02:18:08 - cmdstanpy - INFO - Chain [1] done processing
02:18:08 - cmdstanpy - INFO - Chain [1] start processing
02:18:08 - cmdstanpy - INFO - Chain [1] done processing
02:18:09 - cmdstanpy - INFO - Chain [1] start processing
02:18:09 - cmdstanpy - INFO - Chain [1] done processing
02:18:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:18:09 - cmdstanpy - INFO - Chain [1] start processing
02:18:09 - cmdstanpy - INFO - Chain [1] done processing
02:18:09 - cmdstanpy - INFO - Chain [1] start processing
02:18:09 - cmdstanpy - INFO - Chain [1] done processing
02:18:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:09 - cmdstanpy - INFO - Chain [1] start processing
02:18:09 - cmdstanpy - INFO - Chain [1] done processing
02:18:10 - cmdstanpy - INFO - Chain [1] start processing
02:18:10 - cmdstanpy - INFO - Chain [1] done processing
02:18:10 - cmdstanpy - INFO - Chain [1] start processing
02:18:10 - cmdstanpy - INFO - Chain [1] done processing
02:18:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:10 - cmdstanpy - INFO - Chain [1] start processing
02:18:11 - cmdstanpy - INFO - Chain [1] done processing
02:18:11 - cmdstanpy - INFO - Chain [1] start processing
02:18:11 - cmdstanpy - INFO - Chain [1] done processing
02:18:12 - cmdstanpy - INFO - Chain [1] start processing
02:18:12 - cmdstanpy - INFO - Chain [1] done processing
02:18:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:12 - cmdstanpy - INFO - Chain [1] start processing
02:18:12 - cmdstanpy - INFO - Chain [1] done processing
02:18:12 - cmdstanpy - INFO - Chain [1] start processing
02:18:12 - cmdstanpy - INFO - Chain [1] done processing
02:18:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:12 - cmdstanpy - INFO - Chain [1] start processing
02:18:12 - cmdstanpy - INFO - Chain [1] done processing
02:18:13 - cmdstanpy - INFO - Chain [1] start processing
02:18:13 - cmdstanpy - INFO - Chain [1] done processing
02:18:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:13 - cmdstanpy - INFO - Chain [1] start processing
02:18:13 - cmdstanpy - INFO - Chain [1] done processing
02:18:13 - cmdstanpy - INFO - Chain [1] start processing
02:18:13 - cmdstanpy - INFO - Chain [1] done processing
02:18:14 - cmdstanpy - INFO - Chain [1] start processing
02:18:14 - cmdstanpy - INFO - Chain [1] done processing
02:18:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:14 - cmdstanpy - INFO - Chain [1] start processing
02:18:14 - cmdstanpy - INFO - Chain [1] done processing
02:18:15 - cmdstanpy - INFO - Chain [1] start processing
02:18:15 - cmdstanpy - INFO - Chain [1] done processing
02:18:15 - cmdstanpy - INFO - Chain [1] start processing
02:18:15 - cmdstanpy - INFO - Chain [1] done processing
02:18:16 - cmdstanpy - INFO - Chain [1] start processing
02:18:16 - cmdstanpy - INFO - Chain [1] done processing
02:18:16 - cmdstanpy - INFO - Chain [1] start processing
02:18:16 - cmdstanpy - INFO - Chain [1] done processing
02:18:16 - cmdstanpy - INFO - Chain [1] start processing
02:18:16 - cmdstanpy - INFO - Chain [1] done processing
02:18:17 - cmdstanpy - INFO - Chain [1] start processing
02:18:17 - cmdstanpy - INFO - Chain [1] done processing
02:18:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:17 - cmdstanpy - INFO - Chain [1] start processing
02:18:17 - cmdstanpy - INFO - Chain [1] done processing
02:18:18 - cmdstanpy - INFO - Chain [1] start processing
02:18:18 - cmdstanpy - INFO - Chain [1] done processing
02:18:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:18:18 - cmdstanpy - INFO - Chain [1] done processing
02:18:18 - cmdstanpy - INFO - Chain [1] start processing
02:18:18 - cmdstanpy - INFO - Chain [1] done processing
02:18:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:18 - cmdstanpy - INFO - Chain [1] start processing
02:18:19 - cmdstanpy - INFO - Chain [1] done processing
02:18:19 - cmdstanpy - INFO - Chain [1] start processing
02:18:19 - cmdstanpy - INFO - Chain [1] done processing
02:18:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:19 - cmdstanpy - INFO - Chain [1] start processing
02:18:20 - cmdstanpy - INFO - Chain [1] done processing
02:18:20 - cmdstanpy - INFO - Chain [1] start processing
02:18:20 - cmdstanpy - INFO - Chain [1] done processing
02:18:20 - cmdstanpy - INFO - Chain [1] start processing
02:18:20 - cmdstanpy - INFO - Chain [1] done processing
02:18:21 - cmdstanpy - INFO - Chain [1] start processing
02:18:21 - cmdstanpy - INFO - Chain [1] done processing
02:18:21 - cmdstanpy - INFO - Chain [1] start processing
02:18:21 - cmdstanpy - INFO - Chain [1] done processing
02:18:21 - cmdstanpy - INFO - Chain [1] start processing
02:18:21 - cmdstanpy - INFO - Chain [1] done processing
02:18:22 - cmdstanpy - INFO - Chain [1] start processing
02:18:22 - cmdstanpy - INFO - Chain [1] done processing
02:18:22 - cmdstanpy - INFO - Chain [1] start processing
02:18:22 - cmdstanpy - INFO - Chain [1] done processing
02:18:23 - cmdstanpy - INFO - Chain [1] start processing
02:18:23 - cmdstanpy - INFO - Chain [1] done processing
02:18:23 - cmdstanpy - INFO - Chain [1] start processing
02:18:23 - cmdstanpy - INFO - Chain [1] done processing
02:18:24 - cmdstanpy - INFO - Chain [1] start processing
02:18:24 - cmdstanpy - INFO - Chain [1] done processing
02:18:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:24 - cmdstanpy - INFO - Chain [1] start processing
02:18:24 - cmdstanpy - INFO - Chain [1] done processing
02:18:24 - cmdstanpy - INFO - Chain [1] start processing
02:18:24 - cmdstanpy - INFO - Chain [1] done processing
02:18:25 - cmdstanpy - INFO - Chain [1] start processing
02:18:25 - cmdstanpy - INFO - Chain [1] done processing
02:18:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:25 - cmdstanpy - INFO - Chain [1] start processing
02:18:25 - cmdstanpy - INFO - Chain [1] done processing
02:18:25 - cmdstanpy - INFO - Chain [1] start processing
02:18:25 - cmdstanpy - INFO - Chain [1] done processing
02:18:26 - cmdstanpy - INFO - Chain [1] start processing
02:18:26 - cmdstanpy - INFO - Chain [1] done processing
02:18:26 - cmdstanpy - INFO - Chain [1] start processing
02:18:26 - cmdstanpy - INFO - Chain [1] done processing
02:18:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:26 - cmdstanpy - INFO - Chain [1] start processing
02:18:26 - cmdstanpy - INFO - Chain [1] done processing
02:18:27 - cmdstanpy - INFO - Chain [1] start processing
02:18:27 - cmdstanpy - INFO - Chain [1] done processing
02:18:27 - cmdstanpy - INFO - Chain [1] start processing
02:18:27 - cmdstanpy - INFO - Chain [1] done processing
02:18:28 - cmdstanpy - INFO - Chain [1] start processing
02:18:28 - cmdstanpy - INFO - Chain [1] done processing
02:18:28 - cmdstanpy - INFO - Chain [1] start processing
02:18:28 - cmdstanpy - INFO - Chain [1] done processing
02:18:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:18:28 - cmdstanpy - INFO - Chain [1] start processing
02:18:28 - cmdstanpy - INFO - Chain [1] done processing
02:18:29 - cmdstanpy - INFO - Chain [1] start processing
02:18:29 - cmdstanpy - INFO - Chain [1] done processing
02:18:29 - cmdstanpy - INFO - Chain [1] start processing
02:18:29 - cmdstanpy - INFO - Chain [1] done processing
02:18:29 - cmdstanpy - INFO - Chain [1] start processing
02:18:29 - cmdstanpy - INFO - Chain [1] done processing
02:18:30 - cmdstanpy - INFO - Chain [1] start processing
02:18:30 - cmdstanpy - INFO - Chain [1] done processing
02:18:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:30 - cmdstanpy - INFO - Chain [1] start processing
02:18:30 - cmdstanpy - INFO - Chain [1] done processing
02:18:30 - cmdstanpy - INFO - Chain [1] start processing
02:18:30 - cmdstanpy - INFO - Chain [1] done processing
02:18:31 - cmdstanpy - INFO - Chain [1] start processing
02:18:31 - cmdstanpy - INFO - Chain [1] done processing
02:18:31 - cmdstanpy - INFO - Chain [1] start processing
02:18:31 - cmdstanpy - INFO - Chain [1] done processing
02:18:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:31 - cmdstanpy - INFO - Chain [1] start processing
02:18:32 - cmdstanpy - INFO - Chain [1] done processing
02:18:32 - cmdstanpy - INFO - Chain [1] start processing
02:18:32 - cmdstanpy - INFO - Chain [1] done processing
02:18:32 - cmdstanpy - INFO - Chain [1] start processing
02:18:32 - cmdstanpy - INFO - Chain [1] done processing
02:18:33 - cmdstanpy - INFO - Chain [1] start processing
02:18:33 - cmdstanpy - INFO - Chain [1] done processing
02:18:33 - cmdstanpy - INFO - Chain [1] start processing
02:18:33 - cmdstanpy - INFO - Chain [1] done processing
02:18:33 - cmdstanpy - INFO - Chain [1] start processing
02:18:33 - cmdstanpy - INFO - Chain [1] done processing
02:18:34 - cmdstanpy - INFO - Chain [1] start processing
02:18:34 - cmdstanpy - INFO - Chain [1] done processing
02:18:34 - cmdstanpy - INFO - Chain [1] start processing
02:18:34 - cmdstanpy - INFO - Chain [1] done processing
02:18:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:34 - cmdstanpy - INFO - Chain [1] start processing
02:18:34 - cmdstanpy - INFO - Chain [1] done processing
02:18:35 - cmdstanpy - INFO - Chain [1] start processing
02:18:35 - cmdstanpy - INFO - Chain [1] done processing
02:18:35 - cmdstanpy - INFO - Chain [1] start processing
02:18:35 - cmdstanpy - INFO - Chain [1] done processing
02:18:36 - cmdstanpy - INFO - Chain [1] start processing
02:18:36 - cmdstanpy - INFO - Chain [1] done processing
02:18:36 - cmdstanpy - INFO - Chain [1] start processing
02:18:36 - cmdstanpy - INFO - Chain [1] done processing
02:18:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:36 - cmdstanpy - INFO - Chain [1] start processing
02:18:36 - cmdstanpy - INFO - Chain [1] done processing
02:18:37 - cmdstanpy - INFO - Chain [1] start processing
02:18:37 - cmdstanpy - INFO - Chain [1] done processing
02:18:37 - cmdstanpy - INFO - Chain [1] start processing
02:18:37 - cmdstanpy - INFO - Chain [1] done processing
02:18:37 - cmdstanpy - INFO - Chain [1] start processing
02:18:37 - cmdstanpy - INFO - Chain [1] done processing
02:18:38 - cmdstanpy - INFO - Chain [1] start processing
02:18:38 - cmdstanpy - INFO - Chain [1] done processing
02:18:38 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:18:38 - cmdstanpy - INFO - Chain [1] done processing
02:18:39 - cmdstanpy - INFO - Chain [1] start processing
02:18:39 - cmdstanpy - INFO - Chain [1] done processing
02:18:39 - cmdstanpy - INFO - Chain [1] start processing
02:18:39 - cmdstanpy - INFO - Chain [1] done processing
02:18:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:39 - cmdstanpy - INFO - Chain [1] start processing
02:18:39 - cmdstanpy - INFO - Chain [1] done processing
02:18:40 - cmdstanpy - INFO - Chain [1] start processing
02:18:40 - cmdstanpy - INFO - Chain [1] done processing
02:18:40 - cmdstanpy - INFO - Chain [1] start processing
02:18:40 - cmdstanpy - INFO - Chain [1] done processing
02:18:41 - cmdstanpy - INFO - Chain [1] start processing
02:18:41 - cmdstanpy - INFO - Chain [1] done processing
02:18:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:41 - cmdstanpy - INFO - Chain [1] start processing
02:18:41 - cmdstanpy - INFO - Chain [1] done processing
02:18:41 - cmdstanpy - INFO - Chain [1] start processing
02:18:41 - cmdstanpy - INFO - Chain [1] done processing
02:18:42 - cmdstanpy - INFO - Chain [1] start processing
02:18:42 - cmdstanpy - INFO - Chain [1] done processing
02:18:42 - cmdstanpy - INFO - Chain [1] start processing
02:18:42 - cmdstanpy - INFO - Chain [1] done processing
02:18:42 - cmdstanpy - INFO - Chain [1] start processing
02:18:42 - cmdstanpy - INFO - Chain [1] done processing
02:18:43 - cmdstanpy - INFO - Chain [1] start processing
02:18:43 - cmdstanpy - INFO - Chain [1] done processing
02:18:43 - cmdstanpy - INFO - Chain [1] start processing
02:18:43 - cmdstanpy - INFO - Chain [1] done processing
02:18:44 - cmdstanpy - INFO - Chain [1] start processing
02:18:44 - cmdstanpy - INFO - Chain [1] done processing
02:18:44 - cmdstanpy - INFO - Chain [1] start processing
02:18:44 - cmdstanpy - INFO - Chain [1] done processing
02:18:44 - cmdstanpy - INFO - Chain [1] start processing
02:18:44 - cmdstanpy - INFO - Chain [1] done processing
02:18:45 - cmdstanpy - INFO - Chain [1] start processing
02:18:45 - cmdstanpy - INFO - Chain [1] done processing
02:18:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:45 - cmdstanpy - INFO - Chain [1] start processing
02:18:45 - cmdstanpy - INFO - Chain [1] done processing
02:18:46 - cmdstanpy - INFO - Chain [1] start processing
02:18:46 - cmdstanpy - INFO - Chain [1] done processing
02:18:46 - cmdstanpy - INFO - Chain [1] start processing
02:18:46 - cmdstanpy - INFO - Chain [1] done processing
02:18:46 - cmdstanpy - INFO - Chain [1] start processing
02:18:46 - cmdstanpy - INFO - Chain [1] done processing
02:18:47 - cmdstanpy - INFO - Chain [1] start processing
02:18:47 - cmdstanpy - INFO - Chain [1] done processing
02:18:47 - cmdstanpy - INFO - Chain [1] start processing
02:18:47 - cmdstanpy - INFO - Chain [1] done processing
02:18:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:47 - cmdstanpy - INFO - Chain [1] start processing
02:18:47 - cmdstanpy - INFO - Chain [1] done processing
02:18:48 - cmdstanpy - INFO - Chain [1] start processing
02:18:48 - cmdstanpy - INFO - Chain [1] done processing
02:18:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:48 - cmdstanpy - INFO - Chain [1] start processing
02:18:48 - cmdstanpy - INFO - Chain [1] done processing
02:18:48 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:18:48 - cmdstanpy - INFO - Chain [1] done processing
02:18:49 - cmdstanpy - INFO - Chain [1] start processing
02:18:49 - cmdstanpy - INFO - Chain [1] done processing
02:18:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:49 - cmdstanpy - INFO - Chain [1] start processing
02:18:49 - cmdstanpy - INFO - Chain [1] done processing
02:18:49 - cmdstanpy - INFO - Chain [1] start processing
02:18:50 - cmdstanpy - INFO - Chain [1] done processing
02:18:50 - cmdstanpy - INFO - Chain [1] start processing
02:18:50 - cmdstanpy - INFO - Chain [1] done processing
02:18:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:50 - cmdstanpy - INFO - Chain [1] start processing
02:18:50 - cmdstanpy - INFO - Chain [1] done processing
02:18:51 - cmdstanpy - INFO - Chain [1] start processing
02:18:51 - cmdstanpy - INFO - Chain [1] done processing
02:18:51 - cmdstanpy - INFO - Chain [1] start processing
02:18:51 - cmdstanpy - INFO - Chain [1] done processing
02:18:51 - cmdstanpy - INFO - Chain [1] start processing
02:18:52 - cmdstanpy - INFO - Chain [1] done processing
02:18:52 - cmdstanpy - INFO - Chain [1] start processing
02:18:52 - cmdstanpy - INFO - Chain [1] done processing
02:18:52 - cmdstanpy - INFO - Chain [1] start processing
02:18:52 - cmdstanpy - INFO - Chain [1] done processing
02:18:53 - cmdstanpy - INFO - Chain [1] start processing
02:18:53 - cmdstanpy - INFO - Chain [1] done processing
02:18:53 - cmdstanpy - INFO - Chain [1] start processing
02:18:53 - cmdstanpy - INFO - Chain [1] done processing
02:18:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:53 - cmdstanpy - INFO - Chain [1] start processing
02:18:54 - cmdstanpy - INFO - Chain [1] done processing
02:18:54 - cmdstanpy - INFO - Chain [1] start processing
02:18:54 - cmdstanpy - INFO - Chain [1] done processing
02:18:54 - cmdstanpy - INFO - Chain [1] start processing
02:18:54 - cmdstanpy - INFO - Chain [1] done processing
02:18:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:54 - cmdstanpy - INFO - Chain [1] start processing
02:18:55 - cmdstanpy - INFO - Chain [1] done processing
02:18:55 - cmdstanpy - INFO - Chain [1] start processing
02:18:55 - cmdstanpy - INFO - Chain [1] done processing
02:18:56 - cmdstanpy - INFO - Chain [1] start processing
02:18:56 - cmdstanpy - INFO - Chain [1] done processing
02:18:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:56 - cmdstanpy - INFO - Chain [1] start processing
02:18:56 - cmdstanpy - INFO - Chain [1] done processing
02:18:56 - cmdstanpy - INFO - Chain [1] start processing
02:18:56 - cmdstanpy - INFO - Chain [1] done processing
02:18:57 - cmdstanpy - INFO - Chain [1] start processing
02:18:57 - cmdstanpy - INFO - Chain [1] done processing
02:18:57 - cmdstanpy - INFO - Chain [1] start processing
02:18:57 - cmdstanpy - INFO - Chain [1] done processing
02:18:57 - cmdstanpy - INFO - Chain [1] start processing
02:18:58 - cmdstanpy - INFO - Chain [1] done processing
02:18:58 - cmdstanpy - INFO - Chain [1] start processing
02:18:58 - cmdstanpy - INFO - Chain [1] done processing
02:18:59 - cmdstanpy - INFO - Chain [1] start processing
02:18:59 - cmdstanpy - INFO - Chain [1] done processing
02:18:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:18:59 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:18:59 - cmdstanpy - INFO - Chain [1] done processing
02:18:59 - cmdstanpy - INFO - Chain [1] start processing
02:18:59 - cmdstanpy - INFO - Chain [1] done processing
02:19:00 - cmdstanpy - INFO - Chain [1] start processing
02:19:00 - cmdstanpy - INFO - Chain [1] done processing
02:19:00 - cmdstanpy - INFO - Chain [1] start processing
02:19:00 - cmdstanpy - INFO - Chain [1] done processing
02:19:00 - cmdstanpy - INFO - Chain [1] start processing
02:19:00 - cmdstanpy - INFO - Chain [1] done processing
02:19:01 - cmdstanpy - INFO - Chain [1] start processing
02:19:01 - cmdstanpy - INFO - Chain [1] done processing
02:19:01 - cmdstanpy - INFO - Chain [1] start processing
02:19:01 - cmdstanpy - INFO - Chain [1] done processing
02:19:02 - cmdstanpy - INFO - Chain [1] start processing
02:19:02 - cmdstanpy - INFO - Chain [1] done processing
02:19:02 - cmdstanpy - INFO - Chain [1] start processing
02:19:02 - cmdstanpy - INFO - Chain [1] done processing
02:19:03 - cmdstanpy - INFO - Chain [1] start processing
02:19:03 - cmdstanpy - INFO - Chain [1] done processing
02:19:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:03 - cmdstanpy - INFO - Chain [1] start processing
02:19:03 - cmdstanpy - INFO - Chain [1] done processing
02:19:03 - cmdstanpy - INFO - Chain [1] start processing
02:19:03 - cmdstanpy - INFO - Chain [1] done processing
02:19:04 - cmdstanpy - INFO - Chain [1] start processing
02:19:04 - cmdstanpy - INFO - Chain [1] done processing
02:19:04 - cmdstanpy - INFO - Chain [1] start processing
02:19:04 - cmdstanpy - INFO - Chain [1] done processing
02:19:05 - cmdstanpy - INFO - Chain [1] start processing
02:19:05 - cmdstanpy - INFO - Chain [1] done processing
02:19:05 - cmdstanpy - INFO - Chain [1] start processing
02:19:05 - cmdstanpy - INFO - Chain [1] done processing
02:19:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:05 - cmdstanpy - INFO - Chain [1] start processing
02:19:06 - cmdstanpy - INFO - Chain [1] done processing
02:19:06 - cmdstanpy - INFO - Chain [1] start processing
02:19:06 - cmdstanpy - INFO - Chain [1] done processing
02:19:06 - cmdstanpy - INFO - Chain [1] start processing
02:19:06 - cmdstanpy - INFO - Chain [1] done processing
02:19:07 - cmdstanpy - INFO - Chain [1] start processing
02:19:07 - cmdstanpy - INFO - Chain [1] done processing
02:19:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:07 - cmdstanpy - INFO - Chain [1] start processing
02:19:07 - cmdstanpy - INFO - Chain [1] done processing
02:19:07 - cmdstanpy - INFO - Chain [1] start processing
02:19:07 - cmdstanpy - INFO - Chain [1] done processing
02:19:08 - cmdstanpy - INFO - Chain [1] start processing
02:19:08 - cmdstanpy - INFO - Chain [1] done processing
02:19:08 - cmdstanpy - INFO - Chain [1] start processing
02:19:08 - cmdstanpy - INFO - Chain [1] done processing
02:19:09 - cmdstanpy - INFO - Chain [1] start processing
02:19:09 - cmdstanpy - INFO - Chain [1] done processing
02:19:09 - cmdstanpy - INFO - Chain [1] start processing
02:19:09 - cmdstanpy - INFO - Chain [1] done processing
02:19:09 - cmdstanpy - INFO - Chain [1] start processing
02:19:09 - cmdstanpy - INFO - Chain [1] done processing
02:19:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:09 - cmdstanpy - INFO - Chain [1] start processing
02:19:10 - cmdstanpy - INFO - Chain [1] done processing
02:19:10 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:19:10 - cmdstanpy - INFO - Chain [1] done processing
02:19:10 - cmdstanpy - INFO - Chain [1] start processing
02:19:11 - cmdstanpy - INFO - Chain [1] done processing
02:19:11 - cmdstanpy - INFO - Chain [1] start processing
02:19:11 - cmdstanpy - INFO - Chain [1] done processing
02:19:11 - cmdstanpy - INFO - Chain [1] start processing
02:19:11 - cmdstanpy - INFO - Chain [1] done processing
02:19:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:11 - cmdstanpy - INFO - Chain [1] start processing
02:19:12 - cmdstanpy - INFO - Chain [1] done processing
02:19:12 - cmdstanpy - INFO - Chain [1] start processing
02:19:12 - cmdstanpy - INFO - Chain [1] done processing
02:19:13 - cmdstanpy - INFO - Chain [1] start processing
02:19:13 - cmdstanpy - INFO - Chain [1] done processing
02:19:13 - cmdstanpy - INFO - Chain [1] start processing
02:19:13 - cmdstanpy - INFO - Chain [1] done processing
02:19:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:13 - cmdstanpy - INFO - Chain [1] start processing
02:19:13 - cmdstanpy - INFO - Chain [1] done processing
02:19:14 - cmdstanpy - INFO - Chain [1] start processing
02:19:14 - cmdstanpy - INFO - Chain [1] done processing
02:19:14 - cmdstanpy - INFO - Chain [1] start processing
02:19:14 - cmdstanpy - INFO - Chain [1] done processing
02:19:15 - cmdstanpy - INFO - Chain [1] start processing
02:19:15 - cmdstanpy - INFO - Chain [1] done processing
02:19:15 - cmdstanpy - INFO - Chain [1] start processing
02:19:15 - cmdstanpy - INFO - Chain [1] done processing
02:19:15 - cmdstanpy - INFO - Chain [1] start processing
02:19:15 - cmdstanpy - INFO - Chain [1] done processing
02:19:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:15 - cmdstanpy - INFO - Chain [1] start processing
02:19:16 - cmdstanpy - INFO - Chain [1] done processing
02:19:16 - cmdstanpy - INFO - Chain [1] start processing
02:19:16 - cmdstanpy - INFO - Chain [1] done processing
02:19:16 - cmdstanpy - INFO - Chain [1] start processing
02:19:16 - cmdstanpy - INFO - Chain [1] done processing
02:19:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:16 - cmdstanpy - INFO - Chain [1] start processing
02:19:17 - cmdstanpy - INFO - Chain [1] done processing
02:19:17 - cmdstanpy - INFO - Chain [1] start processing
02:19:17 - cmdstanpy - INFO - Chain [1] done processing
02:19:17 - cmdstanpy - INFO - Chain [1] start processing
02:19:18 - cmdstanpy - INFO - Chain [1] done processing
02:19:18 - cmdstanpy - INFO - Chain [1] start processing
02:19:18 - cmdstanpy - INFO - Chain [1] done processing
02:19:18 - cmdstanpy - INFO - Chain [1] start processing
02:19:18 - cmdstanpy - INFO - Chain [1] done processing
02:19:19 - cmdstanpy - INFO - Chain [1] start processing
02:19:19 - cmdstanpy - INFO - Chain [1] done processing
02:19:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:19 - cmdstanpy - INFO - Chain [1] start processing
02:19:19 - cmdstanpy - INFO - Chain [1] done processing
02:19:19 - cmdstanpy - INFO - Chain [1] start processing
02:19:20 - cmdstanpy - INFO - Chain [1] done processing
02:19:20 - cmdstanpy - INFO - Chain [1] start processing
02:19:20 - cmdstanpy - INFO - Chain [1] done processing
02:19:21 - cmdstanpy - INFO - Chain [1] start processing
02:19:21 - cmdstanpy - INFO - Chain [1] done processing
02:19:21 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:19:21 - cmdstanpy - INFO - Chain [1] done processing
02:19:21 - cmdstanpy - INFO - Chain [1] start processing
02:19:21 - cmdstanpy - INFO - Chain [1] done processing
02:19:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:21 - cmdstanpy - INFO - Chain [1] start processing
02:19:22 - cmdstanpy - INFO - Chain [1] done processing
02:19:22 - cmdstanpy - INFO - Chain [1] start processing
02:19:22 - cmdstanpy - INFO - Chain [1] done processing
02:19:22 - cmdstanpy - INFO - Chain [1] start processing
02:19:22 - cmdstanpy - INFO - Chain [1] done processing
02:19:23 - cmdstanpy - INFO - Chain [1] start processing
02:19:23 - cmdstanpy - INFO - Chain [1] done processing
02:19:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:23 - cmdstanpy - INFO - Chain [1] start processing
02:19:23 - cmdstanpy - INFO - Chain [1] done processing
02:19:23 - cmdstanpy - INFO - Chain [1] start processing
02:19:23 - cmdstanpy - INFO - Chain [1] done processing
02:19:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:24 - cmdstanpy - INFO - Chain [1] start processing
02:19:24 - cmdstanpy - INFO - Chain [1] done processing
02:19:24 - cmdstanpy - INFO - Chain [1] start processing
02:19:24 - cmdstanpy - INFO - Chain [1] done processing
02:19:24 - cmdstanpy - INFO - Chain [1] start processing
02:19:25 - cmdstanpy - INFO - Chain [1] done processing
02:19:25 - cmdstanpy - INFO - Chain [1] start processing
02:19:25 - cmdstanpy - INFO - Chain [1] done processing
02:19:25 - cmdstanpy - INFO - Chain [1] start processing
02:19:25 - cmdstanpy - INFO - Chain [1] done processing
02:19:26 - cmdstanpy - INFO - Chain [1] start processing
02:19:26 - cmdstanpy - INFO - Chain [1] done processing
02:19:26 - cmdstanpy - INFO - Chain [1] start processing
02:19:26 - cmdstanpy - INFO - Chain [1] done processing
02:19:26 - cmdstanpy - INFO - Chain [1] start processing
02:19:27 - cmdstanpy - INFO - Chain [1] done processing
02:19:27 - cmdstanpy - INFO - Chain [1] start processing
02:19:27 - cmdstanpy - INFO - Chain [1] done processing
02:19:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:27 - cmdstanpy - INFO - Chain [1] start processing
02:19:27 - cmdstanpy - INFO - Chain [1] done processing
02:19:28 - cmdstanpy - INFO - Chain [1] start processing
02:19:28 - cmdstanpy - INFO - Chain [1] done processing
02:19:28 - cmdstanpy - INFO - Chain [1] start processing
02:19:28 - cmdstanpy - INFO - Chain [1] done processing
02:19:28 - cmdstanpy - INFO - Chain [1] start processing
02:19:28 - cmdstanpy - INFO - Chain [1] done processing
02:19:29 - cmdstanpy - INFO - Chain [1] start processing
02:19:29 - cmdstanpy - INFO - Chain [1] done processing
02:19:29 - cmdstanpy - INFO - Chain [1] start processing
02:19:29 - cmdstanpy - INFO - Chain [1] done processing
02:19:30 - cmdstanpy - INFO - Chain [1] start processing
02:19:30 - cmdstanpy - INFO - Chain [1] done processing
02:19:30 - cmdstanpy - INFO - Chain [1] start processing
02:19:30 - cmdstanpy - INFO - Chain [1] done processing
02:19:30 - cmdstanpy - INFO - Chain [1] start processing
02:19:30 - cmdstanpy - INFO - Chain [1] done processing
02:19:31 - cmdstanpy - INFO - Chain [1] start processing
02:19:31 - cmdstanpy - INFO - Chain [1] done processing
02:19:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:31 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:19:31 - cmdstanpy - INFO - Chain [1] done processing
02:19:31 - cmdstanpy - INFO - Chain [1] start processing
02:19:32 - cmdstanpy - INFO - Chain [1] done processing
02:19:32 - cmdstanpy - INFO - Chain [1] start processing
02:19:32 - cmdstanpy - INFO - Chain [1] done processing
02:19:32 - cmdstanpy - INFO - Chain [1] start processing
02:19:32 - cmdstanpy - INFO - Chain [1] done processing
02:19:33 - cmdstanpy - INFO - Chain [1] start processing
02:19:33 - cmdstanpy - INFO - Chain [1] done processing
02:19:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:33 - cmdstanpy - INFO - Chain [1] start processing
02:19:33 - cmdstanpy - INFO - Chain [1] done processing
02:19:33 - cmdstanpy - INFO - Chain [1] start processing
02:19:33 - cmdstanpy - INFO - Chain [1] done processing
02:19:34 - cmdstanpy - INFO - Chain [1] start processing
02:19:34 - cmdstanpy - INFO - Chain [1] done processing
02:19:34 - cmdstanpy - INFO - Chain [1] start processing
02:19:34 - cmdstanpy - INFO - Chain [1] done processing
02:19:34 - cmdstanpy - INFO - Chain [1] start processing
02:19:35 - cmdstanpy - INFO - Chain [1] done processing
02:19:35 - cmdstanpy - INFO - Chain [1] start processing
02:19:35 - cmdstanpy - INFO - Chain [1] done processing
02:19:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:35 - cmdstanpy - INFO - Chain [1] start processing
02:19:35 - cmdstanpy - INFO - Chain [1] done processing
02:19:36 - cmdstanpy - INFO - Chain [1] start processing
02:19:36 - cmdstanpy - INFO - Chain [1] done processing
02:19:36 - cmdstanpy - INFO - Chain [1] start processing
02:19:36 - cmdstanpy - INFO - Chain [1] done processing
02:19:36 - cmdstanpy - INFO - Chain [1] start processing
02:19:36 - cmdstanpy - INFO - Chain [1] done processing
02:19:37 - cmdstanpy - INFO - Chain [1] start processing
02:19:37 - cmdstanpy - INFO - Chain [1] done processing
02:19:37 - cmdstanpy - INFO - Chain [1] start processing
02:19:37 - cmdstanpy - INFO - Chain [1] done processing
02:19:38 - cmdstanpy - INFO - Chain [1] start processing
02:19:38 - cmdstanpy - INFO - Chain [1] done processing
02:19:38 - cmdstanpy - INFO - Chain [1] start processing
02:19:38 - cmdstanpy - INFO - Chain [1] done processing
02:19:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:38 - cmdstanpy - INFO - Chain [1] start processing
02:19:38 - cmdstanpy - INFO - Chain [1] done processing
02:19:39 - cmdstanpy - INFO - Chain [1] start processing
02:19:39 - cmdstanpy - INFO - Chain [1] done processing
02:19:39 - cmdstanpy - INFO - Chain [1] start processing
02:19:39 - cmdstanpy - INFO - Chain [1] done processing
02:19:39 - cmdstanpy - INFO - Chain [1] start processing
02:19:39 - cmdstanpy - INFO - Chain [1] done processing
02:19:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:39 - cmdstanpy - INFO - Chain [1] start processing
02:19:40 - cmdstanpy - INFO - Chain [1] done processing
02:19:40 - cmdstanpy - INFO - Chain [1] start processing
02:19:40 - cmdstanpy - INFO - Chain [1] done processing
02:19:40 - cmdstanpy - INFO - Chain [1] start processing
02:19:40 - cmdstanpy - INFO - Chain [1] done processing
02:19:41 - cmdstanpy - INFO - Chain [1] start processing
02:19:41 - cmdstanpy - INFO - Chain [1] done processing
02:19:41 - cmdstanpy - INFO - Chain [1] start processing
02:19:41 - cmdstanpy - INFO - Chain [1] done processing
02:19:42 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:19:42 - cmdstanpy - INFO - Chain [1] done processing
02:19:42 - cmdstanpy - INFO - Chain [1] start processing
02:19:42 - cmdstanpy - INFO - Chain [1] done processing
02:19:42 - cmdstanpy - INFO - Chain [1] start processing
02:19:43 - cmdstanpy - INFO - Chain [1] done processing
02:19:43 - cmdstanpy - INFO - Chain [1] start processing
02:19:43 - cmdstanpy - INFO - Chain [1] done processing
02:19:43 - cmdstanpy - INFO - Chain [1] start processing
02:19:43 - cmdstanpy - INFO - Chain [1] done processing
02:19:44 - cmdstanpy - INFO - Chain [1] start processing
02:19:44 - cmdstanpy - INFO - Chain [1] done processing
02:19:44 - cmdstanpy - INFO - Chain [1] start processing
02:19:44 - cmdstanpy - INFO - Chain [1] done processing
02:19:44 - cmdstanpy - INFO - Chain [1] start processing
02:19:45 - cmdstanpy - INFO - Chain [1] done processing
02:19:45 - cmdstanpy - INFO - Chain [1] start processing
02:19:45 - cmdstanpy - INFO - Chain [1] done processing
02:19:45 - cmdstanpy - INFO - Chain [1] start processing
02:19:45 - cmdstanpy - INFO - Chain [1] done processing
02:19:45 - cmdstanpy - INFO - Chain [1] start processing
02:19:46 - cmdstanpy - INFO - Chain [1] done processing
02:19:46 - cmdstanpy - INFO - Chain [1] start processing
02:19:46 - cmdstanpy - INFO - Chain [1] done processing
02:19:46 - cmdstanpy - INFO - Chain [1] start processing
02:19:46 - cmdstanpy - INFO - Chain [1] done processing
02:19:47 - cmdstanpy - INFO - Chain [1] start processing
02:19:47 - cmdstanpy - INFO - Chain [1] done processing
02:19:47 - cmdstanpy - INFO - Chain [1] start processing
02:19:47 - cmdstanpy - INFO - Chain [1] done processing
02:19:48 - cmdstanpy - INFO - Chain [1] start processing
02:19:48 - cmdstanpy - INFO - Chain [1] done processing
02:19:48 - cmdstanpy - INFO - Chain [1] start processing
02:19:48 - cmdstanpy - INFO - Chain [1] done processing
02:19:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:48 - cmdstanpy - INFO - Chain [1] start processing
02:19:48 - cmdstanpy - INFO - Chain [1] done processing
02:19:49 - cmdstanpy - INFO - Chain [1] start processing
02:19:49 - cmdstanpy - INFO - Chain [1] done processing
02:19:49 - cmdstanpy - INFO - Chain [1] start processing
02:19:49 - cmdstanpy - INFO - Chain [1] done processing
02:19:49 - cmdstanpy - INFO - Chain [1] start processing
02:19:50 - cmdstanpy - INFO - Chain [1] done processing
02:19:50 - cmdstanpy - INFO - Chain [1] start processing
02:19:50 - cmdstanpy - INFO - Chain [1] done processing
02:19:50 - cmdstanpy - INFO - Chain [1] start processing
02:19:50 - cmdstanpy - INFO - Chain [1] done processing
02:19:51 - cmdstanpy - INFO - Chain [1] start processing
02:19:51 - cmdstanpy - INFO - Chain [1] done processing
02:19:51 - cmdstanpy - INFO - Chain [1] start processing
02:19:51 - cmdstanpy - INFO - Chain [1] done processing
02:19:51 - cmdstanpy - INFO - Chain [1] start processing
02:19:52 - cmdstanpy - INFO - Chain [1] done processing
02:19:52 - cmdstanpy - INFO - Chain [1] start processing
02:19:52 - cmdstanpy - INFO - Chain [1] done processing
02:19:52 - cmdstanpy - INFO - Chain [1] start processing
02:19:52 - cmdstanpy - INFO - Chain [1] done processing
02:19:53 - cmdstanpy - INFO - Chain [1] start processing
02:19:53 - cmdstanpy - INFO - Chain [1] done processing
02:19:53 - cmdstanpy - INFO - Chain [1] start processing
02:19:53 - cmdstanpy - INFO - Chain [1] done processing
02:19:53 - cmdstanpy - INFO - Chain [1] start processing
02:19:54 - cmdstanpy - INFO - Chain [1] done processing
02:19:54 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:19:54 - cmdstanpy - INFO - Chain [1] done processing
02:19:54 - cmdstanpy - INFO - Chain [1] start processing
02:19:54 - cmdstanpy - INFO - Chain [1] done processing
02:19:55 - cmdstanpy - INFO - Chain [1] start processing
02:19:55 - cmdstanpy - INFO - Chain [1] done processing
02:19:55 - cmdstanpy - INFO - Chain [1] start processing
02:19:55 - cmdstanpy - INFO - Chain [1] done processing
02:19:56 - cmdstanpy - INFO - Chain [1] start processing
02:19:56 - cmdstanpy - INFO - Chain [1] done processing
02:19:56 - cmdstanpy - INFO - Chain [1] start processing
02:19:56 - cmdstanpy - INFO - Chain [1] done processing
02:19:56 - cmdstanpy - INFO - Chain [1] start processing
02:19:56 - cmdstanpy - INFO - Chain [1] done processing
02:19:57 - cmdstanpy - INFO - Chain [1] start processing
02:19:57 - cmdstanpy - INFO - Chain [1] done processing
02:19:57 - cmdstanpy - INFO - Chain [1] start processing
02:19:57 - cmdstanpy - INFO - Chain [1] done processing
02:19:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:19:57 - cmdstanpy - INFO - Chain [1] start processing
02:19:57 - cmdstanpy - INFO - Chain [1] done processing
02:19:58 - cmdstanpy - INFO - Chain [1] start processing
02:19:58 - cmdstanpy - INFO - Chain [1] done processing
02:19:58 - cmdstanpy - INFO - Chain [1] start processing
02:19:58 - cmdstanpy - INFO - Chain [1] done processing
02:19:58 - cmdstanpy - INFO - Chain [1] start processing
02:19:59 - cmdstanpy - INFO - Chain [1] done processing
02:19:59 - cmdstanpy - INFO - Chain [1] start processing
02:19:59 - cmdstanpy - INFO - Chain [1] done processing
02:19:59 - cmdstanpy - INFO - Chain [1] start processing
02:19:59 - cmdstanpy - INFO - Chain [1] done processing
02:20:00 - cmdstanpy - INFO - Chain [1] start processing
02:20:00 - cmdstanpy - INFO - Chain [1] done processing
02:20:00 - cmdstanpy - INFO - Chain [1] start processing
02:20:00 - cmdstanpy - INFO - Chain [1] done processing
02:20:00 - cmdstanpy - INFO - Chain [1] start processing
02:20:00 - cmdstanpy - INFO - Chain [1] done processing
02:20:01 - cmdstanpy - INFO - Chain [1] start processing
02:20:01 - cmdstanpy - INFO - Chain [1] done processing
02:20:01 - cmdstanpy - INFO - Chain [1] start processing
02:20:01 - cmdstanpy - INFO - Chain [1] done processing
02:20:02 - cmdstanpy - INFO - Chain [1] start processing
02:20:02 - cmdstanpy - INFO - Chain [1] done processing
02:20:02 - cmdstanpy - INFO - Chain [1] start processing
02:20:02 - cmdstanpy - INFO - Chain [1] done processing
02:20:02 - cmdstanpy - INFO - Chain [1] start processing
02:20:02 - cmdstanpy - INFO - Chain [1] done processing
02:20:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:02 - cmdstanpy - INFO - Chain [1] start processing
02:20:03 - cmdstanpy - INFO - Chain [1] done processing
02:20:03 - cmdstanpy - INFO - Chain [1] start processing
02:20:03 - cmdstanpy - INFO - Chain [1] done processing
02:20:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:03 - cmdstanpy - INFO - Chain [1] start processing
02:20:04 - cmdstanpy - INFO - Chain [1] done processing
02:20:04 - cmdstanpy - INFO - Chain [1] start processing
02:20:04 - cmdstanpy - INFO - Chain [1] done processing
02:20:04 - cmdstanpy - INFO - Chain [1] start processing
02:20:04 - cmdstanpy - INFO - Chain [1] done processing
02:20:05 - cmdstanpy - INFO - Chain [1] start processing
02:20:05 - cmdstanpy - INFO - Chain [1] done processing
02:20:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:20:05 - cmdstanpy - INFO - Chain [1] done processing
02:20:06 - cmdstanpy - INFO - Chain [1] start processing
02:20:06 - cmdstanpy - INFO - Chain [1] done processing
02:20:06 - cmdstanpy - INFO - Chain [1] start processing
02:20:06 - cmdstanpy - INFO - Chain [1] done processing
02:20:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:06 - cmdstanpy - INFO - Chain [1] start processing
02:20:06 - cmdstanpy - INFO - Chain [1] done processing
02:20:07 - cmdstanpy - INFO - Chain [1] start processing
02:20:07 - cmdstanpy - INFO - Chain [1] done processing
02:20:07 - cmdstanpy - INFO - Chain [1] start processing
02:20:07 - cmdstanpy - INFO - Chain [1] done processing
02:20:07 - cmdstanpy - INFO - Chain [1] start processing
02:20:07 - cmdstanpy - INFO - Chain [1] done processing
02:20:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:07 - cmdstanpy - INFO - Chain [1] start processing
02:20:08 - cmdstanpy - INFO - Chain [1] done processing
02:20:08 - cmdstanpy - INFO - Chain [1] start processing
02:20:08 - cmdstanpy - INFO - Chain [1] done processing
02:20:08 - cmdstanpy - INFO - Chain [1] start processing
02:20:08 - cmdstanpy - INFO - Chain [1] done processing
02:20:09 - cmdstanpy - INFO - Chain [1] start processing
02:20:09 - cmdstanpy - INFO - Chain [1] done processing
02:20:09 - cmdstanpy - INFO - Chain [1] start processing
02:20:09 - cmdstanpy - INFO - Chain [1] done processing
02:20:10 - cmdstanpy - INFO - Chain [1] start processing
02:20:10 - cmdstanpy - INFO - Chain [1] done processing
02:20:10 - cmdstanpy - INFO - Chain [1] start processing
02:20:10 - cmdstanpy - INFO - Chain [1] done processing
02:20:10 - cmdstanpy - INFO - Chain [1] start processing
02:20:10 - cmdstanpy - INFO - Chain [1] done processing
02:20:11 - cmdstanpy - INFO - Chain [1] start processing
02:20:11 - cmdstanpy - INFO - Chain [1] done processing
02:20:11 - cmdstanpy - INFO - Chain [1] start processing
02:20:11 - cmdstanpy - INFO - Chain [1] done processing
02:20:11 - cmdstanpy - INFO - Chain [1] start processing
02:20:12 - cmdstanpy - INFO - Chain [1] done processing
02:20:12 - cmdstanpy - INFO - Chain [1] start processing
02:20:12 - cmdstanpy - INFO - Chain [1] done processing
02:20:12 - cmdstanpy - INFO - Chain [1] start processing
02:20:12 - cmdstanpy - INFO - Chain [1] done processing
02:20:13 - cmdstanpy - INFO - Chain [1] start processing
02:20:13 - cmdstanpy - INFO - Chain [1] done processing
02:20:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:13 - cmdstanpy - INFO - Chain [1] start processing
02:20:13 - cmdstanpy - INFO - Chain [1] done processing
02:20:13 - cmdstanpy - INFO - Chain [1] start processing
02:20:13 - cmdstanpy - INFO - Chain [1] done processing
02:20:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:13 - cmdstanpy - INFO - Chain [1] start processing
02:20:14 - cmdstanpy - INFO - Chain [1] done processing
02:20:14 - cmdstanpy - INFO - Chain [1] start processing
02:20:14 - cmdstanpy - INFO - Chain [1] done processing
02:20:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:14 - cmdstanpy - INFO - Chain [1] start processing
02:20:14 - cmdstanpy - INFO - Chain [1] done processing
02:20:15 - cmdstanpy - INFO - Chain [1] start processing
02:20:15 - cmdstanpy - INFO - Chain [1] done processing
02:20:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:20:15 - cmdstanpy - INFO - Chain [1] done processing
02:20:15 - cmdstanpy - INFO - Chain [1] start processing
02:20:16 - cmdstanpy - INFO - Chain [1] done processing
02:20:16 - cmdstanpy - INFO - Chain [1] start processing
02:20:16 - cmdstanpy - INFO - Chain [1] done processing
02:20:16 - cmdstanpy - INFO - Chain [1] start processing
02:20:16 - cmdstanpy - INFO - Chain [1] done processing
02:20:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:16 - cmdstanpy - INFO - Chain [1] start processing
02:20:17 - cmdstanpy - INFO - Chain [1] done processing
02:20:17 - cmdstanpy - INFO - Chain [1] start processing
02:20:17 - cmdstanpy - INFO - Chain [1] done processing
02:20:17 - cmdstanpy - INFO - Chain [1] start processing
02:20:17 - cmdstanpy - INFO - Chain [1] done processing
02:20:18 - cmdstanpy - INFO - Chain [1] start processing
02:20:18 - cmdstanpy - INFO - Chain [1] done processing
02:20:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:18 - cmdstanpy - INFO - Chain [1] start processing
02:20:18 - cmdstanpy - INFO - Chain [1] done processing
02:20:18 - cmdstanpy - INFO - Chain [1] start processing
02:20:18 - cmdstanpy - INFO - Chain [1] done processing
02:20:19 - cmdstanpy - INFO - Chain [1] start processing
02:20:19 - cmdstanpy - INFO - Chain [1] done processing
02:20:19 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:19 - cmdstanpy - INFO - Chain [1] start processing
02:20:19 - cmdstanpy - INFO - Chain [1] done processing
02:20:19 - cmdstanpy - INFO - Chain [1] start processing
02:20:20 - cmdstanpy - INFO - Chain [1] done processing
02:20:20 - cmdstanpy - INFO - Chain [1] start processing
02:20:20 - cmdstanpy - INFO - Chain [1] done processing
02:20:20 - cmdstanpy - INFO - Chain [1] start processing
02:20:20 - cmdstanpy - INFO - Chain [1] done processing
02:20:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:20 - cmdstanpy - INFO - Chain [1] start processing
02:20:21 - cmdstanpy - INFO - Chain [1] done processing
02:20:21 - cmdstanpy - INFO - Chain [1] start processing
02:20:21 - cmdstanpy - INFO - Chain [1] done processing
02:20:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:21 - cmdstanpy - INFO - Chain [1] start processing
02:20:21 - cmdstanpy - INFO - Chain [1] done processing
02:20:22 - cmdstanpy - INFO - Chain [1] start processing
02:20:22 - cmdstanpy - INFO - Chain [1] done processing
02:20:22 - cmdstanpy - INFO - Chain [1] start processing
02:20:22 - cmdstanpy - INFO - Chain [1] done processing
02:20:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:22 - cmdstanpy - INFO - Chain [1] start processing
02:20:22 - cmdstanpy - INFO - Chain [1] done processing
02:20:23 - cmdstanpy - INFO - Chain [1] start processing
02:20:23 - cmdstanpy - INFO - Chain [1] done processing
02:20:23 - cmdstanpy - INFO - Chain [1] start processing
02:20:23 - cmdstanpy - INFO - Chain [1] done processing
02:20:23 - cmdstanpy - INFO - Chain [1] start processing
02:20:23 - cmdstanpy - INFO - Chain [1] done processing
02:20:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:24 - cmdstanpy - INFO - Chain [1] start processing
02:20:24 - cmdstanpy - INFO - Chain [1] done processing
02:20:24 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:20:24 - cmdstanpy - INFO - Chain [1] done processing
02:20:25 - cmdstanpy - INFO - Chain [1] start processing
02:20:25 - cmdstanpy - INFO - Chain [1] done processing
02:20:25 - cmdstanpy - INFO - Chain [1] start processing
02:20:25 - cmdstanpy - INFO - Chain [1] done processing
02:20:26 - cmdstanpy - INFO - Chain [1] start processing
02:20:26 - cmdstanpy - INFO - Chain [1] done processing
02:20:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:26 - cmdstanpy - INFO - Chain [1] start processing
02:20:26 - cmdstanpy - INFO - Chain [1] done processing
02:20:26 - cmdstanpy - INFO - Chain [1] start processing
02:20:26 - cmdstanpy - INFO - Chain [1] done processing
02:20:27 - cmdstanpy - INFO - Chain [1] start processing
02:20:27 - cmdstanpy - INFO - Chain [1] done processing
02:20:27 - cmdstanpy - INFO - Chain [1] start processing
02:20:27 - cmdstanpy - INFO - Chain [1] done processing
02:20:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:27 - cmdstanpy - INFO - Chain [1] start processing
02:20:27 - cmdstanpy - INFO - Chain [1] done processing
02:20:28 - cmdstanpy - INFO - Chain [1] start processing
02:20:28 - cmdstanpy - INFO - Chain [1] done processing
02:20:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:28 - cmdstanpy - INFO - Chain [1] start processing
02:20:28 - cmdstanpy - INFO - Chain [1] done processing
02:20:28 - cmdstanpy - INFO - Chain [1] start processing
02:20:28 - cmdstanpy - INFO - Chain [1] done processing
02:20:29 - cmdstanpy - INFO - Chain [1] start processing
02:20:29 - cmdstanpy - INFO - Chain [1] done processing
02:20:29 - cmdstanpy - INFO - Chain [1] start processing
02:20:29 - cmdstanpy - INFO - Chain [1] done processing
02:20:30 - cmdstanpy - INFO - Chain [1] start processing
02:20:30 - cmdstanpy - INFO - Chain [1] done processing
02:20:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:30 - cmdstanpy - INFO - Chain [1] start processing
02:20:30 - cmdstanpy - INFO - Chain [1] done processing
02:20:30 - cmdstanpy - INFO - Chain [1] start processing
02:20:30 - cmdstanpy - INFO - Chain [1] done processing
02:20:30 - cmdstanpy - INFO - Chain [1] start processing
02:20:31 - cmdstanpy - INFO - Chain [1] done processing
02:20:31 - cmdstanpy - INFO - Chain [1] start processing
02:20:31 - cmdstanpy - INFO - Chain [1] done processing
02:20:31 - cmdstanpy - INFO - Chain [1] start processing
02:20:31 - cmdstanpy - INFO - Chain [1] done processing
02:20:32 - cmdstanpy - INFO - Chain [1] start processing
02:20:32 - cmdstanpy - INFO - Chain [1] done processing
02:20:32 - cmdstanpy - INFO - Chain [1] start processing
02:20:32 - cmdstanpy - INFO - Chain [1] done processing
02:20:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:32 - cmdstanpy - INFO - Chain [1] start processing
02:20:32 - cmdstanpy - INFO - Chain [1] done processing
02:20:33 - cmdstanpy - INFO - Chain [1] start processing
02:20:33 - cmdstanpy - INFO - Chain [1] done processing
02:20:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:33 - cmdstanpy - INFO - Chain [1] start processing
02:20:33 - cmdstanpy - INFO - Chain [1] done processing
02:20:33 - cmdstanpy - INFO - Chain [1] start processing
02:20:33 - cmdstanpy - INFO - Chain [1] done processing
02:20:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:20:33 - cmdstanpy - INFO - Chain [1] start processing
02:20:34 - cmdstanpy - INFO - Chain [1] done processing
02:20:34 - cmdstanpy - INFO - Chain [1] start processing
02:20:34 - cmdstanpy - INFO - Chain [1] done processing
02:20:34 - cmdstanpy - INFO - Chain [1] start processing
02:20:35 - cmdstanpy - INFO - Chain [1] done processing
02:20:35 - cmdstanpy - INFO - Chain [1] start processing
02:20:35 - cmdstanpy - INFO - Chain [1] done processing
02:20:35 - cmdstanpy - INFO - Chain [1] start processing
02:20:35 - cmdstanpy - INFO - Chain [1] done processing
02:20:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:35 - cmdstanpy - INFO - Chain [1] start processing
02:20:36 - cmdstanpy - INFO - Chain [1] done processing
02:20:36 - cmdstanpy - INFO - Chain [1] start processing
02:20:36 - cmdstanpy - INFO - Chain [1] done processing
02:20:36 - cmdstanpy - INFO - Chain [1] start processing
02:20:37 - cmdstanpy - INFO - Chain [1] done processing
02:20:37 - cmdstanpy - INFO - Chain [1] start processing
02:20:37 - cmdstanpy - INFO - Chain [1] done processing
02:20:37 - cmdstanpy - INFO - Chain [1] start processing
02:20:37 - cmdstanpy - INFO - Chain [1] done processing
02:20:38 - cmdstanpy - INFO - Chain [1] start processing
02:20:38 - cmdstanpy - INFO - Chain [1] done processing
02:20:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:38 - cmdstanpy - INFO - Chain [1] start processing
02:20:38 - cmdstanpy - INFO - Chain [1] done processing
02:20:38 - cmdstanpy - INFO - Chain [1] start processing
02:20:38 - cmdstanpy - INFO - Chain [1] done processing
02:20:39 - cmdstanpy - INFO - Chain [1] start processing
02:20:39 - cmdstanpy - INFO - Chain [1] done processing
02:20:39 - cmdstanpy - INFO - Chain [1] start processing
02:20:39 - cmdstanpy - INFO - Chain [1] done processing
02:20:40 - cmdstanpy - INFO - Chain [1] start processing
02:20:40 - cmdstanpy - INFO - Chain [1] done processing
02:20:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:40 - cmdstanpy - INFO - Chain [1] start processing
02:20:40 - cmdstanpy - INFO - Chain [1] done processing
02:20:40 - cmdstanpy - INFO - Chain [1] start processing
02:20:40 - cmdstanpy - INFO - Chain [1] done processing
02:20:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:40 - cmdstanpy - INFO - Chain [1] start processing
02:20:41 - cmdstanpy - INFO - Chain [1] done processing
02:20:41 - cmdstanpy - INFO - Chain [1] start processing
02:20:41 - cmdstanpy - INFO - Chain [1] done processing
02:20:41 - cmdstanpy - INFO - Chain [1] start processing
02:20:41 - cmdstanpy - INFO - Chain [1] done processing
02:20:42 - cmdstanpy - INFO - Chain [1] start processing
02:20:42 - cmdstanpy - INFO - Chain [1] done processing
02:20:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:42 - cmdstanpy - INFO - Chain [1] start processing
02:20:42 - cmdstanpy - INFO - Chain [1] done processing
02:20:42 - cmdstanpy - INFO - Chain [1] start processing
02:20:42 - cmdstanpy - INFO - Chain [1] done processing
02:20:43 - cmdstanpy - INFO - Chain [1] start processing
02:20:43 - cmdstanpy - INFO - Chain [1] done processing
02:20:43 - cmdstanpy - INFO - Chain [1] start processing
02:20:43 - cmdstanpy - INFO - Chain [1] done processing
02:20:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:20:43 - cmdstanpy - INFO - Chain [1] start processing
02:20:43 - cmdstanpy - INFO - Chain [1] done processing
02:20:44 - cmdstanpy - INFO - Chain [1] start processing
02:20:44 - cmdstanpy - INFO - Chain [1] done processing
02:20:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:44 - cmdstanpy - INFO - Chain [1] start processing
02:20:44 - cmdstanpy - INFO - Chain [1] done processing
02:20:44 - cmdstanpy - INFO - Chain [1] start processing
02:20:44 - cmdstanpy - INFO - Chain [1] done processing
02:20:45 - cmdstanpy - INFO - Chain [1] start processing
02:20:45 - cmdstanpy - INFO - Chain [1] done processing
02:20:45 - cmdstanpy - INFO - Chain [1] start processing
02:20:45 - cmdstanpy - INFO - Chain [1] done processing
02:20:46 - cmdstanpy - INFO - Chain [1] start processing
02:20:46 - cmdstanpy - INFO - Chain [1] done processing
02:20:46 - cmdstanpy - INFO - Chain [1] start processing
02:20:46 - cmdstanpy - INFO - Chain [1] done processing
02:20:46 - cmdstanpy - INFO - Chain [1] start processing
02:20:46 - cmdstanpy - INFO - Chain [1] done processing
02:20:47 - cmdstanpy - INFO - Chain [1] start processing
02:20:47 - cmdstanpy - INFO - Chain [1] done processing
02:20:47 - cmdstanpy - INFO - Chain [1] start processing
02:20:47 - cmdstanpy - INFO - Chain [1] done processing
02:20:48 - cmdstanpy - INFO - Chain [1] start processing
02:20:48 - cmdstanpy - INFO - Chain [1] done processing
02:20:48 - cmdstanpy - INFO - Chain [1] start processing
02:20:48 - cmdstanpy - INFO - Chain [1] done processing
02:20:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:48 - cmdstanpy - INFO - Chain [1] start processing
02:20:49 - cmdstanpy - INFO - Chain [1] done processing
02:20:49 - cmdstanpy - INFO - Chain [1] start processing
02:20:49 - cmdstanpy - INFO - Chain [1] done processing
02:20:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:49 - cmdstanpy - INFO - Chain [1] start processing
02:20:49 - cmdstanpy - INFO - Chain [1] done processing
02:20:49 - cmdstanpy - INFO - Chain [1] start processing
02:20:49 - cmdstanpy - INFO - Chain [1] done processing
02:20:50 - cmdstanpy - INFO - Chain [1] start processing
02:20:50 - cmdstanpy - INFO - Chain [1] done processing
02:20:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:50 - cmdstanpy - INFO - Chain [1] start processing
02:20:50 - cmdstanpy - INFO - Chain [1] done processing
02:20:50 - cmdstanpy - INFO - Chain [1] start processing
02:20:51 - cmdstanpy - INFO - Chain [1] done processing
02:20:51 - cmdstanpy - INFO - Chain [1] start processing
02:20:51 - cmdstanpy - INFO - Chain [1] done processing
02:20:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:51 - cmdstanpy - INFO - Chain [1] start processing
02:20:51 - cmdstanpy - INFO - Chain [1] done processing
02:20:52 - cmdstanpy - INFO - Chain [1] start processing
02:20:52 - cmdstanpy - INFO - Chain [1] done processing
02:20:52 - cmdstanpy - INFO - Chain [1] start processing
02:20:52 - cmdstanpy - INFO - Chain [1] done processing
02:20:52 - cmdstanpy - INFO - Chain [1] start processing
02:20:52 - cmdstanpy - INFO - Chain [1] done processing
02:20:53 - cmdstanpy - INFO - Chain [1] start processing
02:20:53 - cmdstanpy - INFO - Chain [1] done processing
02:20:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:20:53 - cmdstanpy - INFO - Chain [1] done processing
02:20:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:53 - cmdstanpy - INFO - Chain [1] start processing
02:20:53 - cmdstanpy - INFO - Chain [1] done processing
02:20:54 - cmdstanpy - INFO - Chain [1] start processing
02:20:54 - cmdstanpy - INFO - Chain [1] done processing
02:20:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:54 - cmdstanpy - INFO - Chain [1] start processing
02:20:54 - cmdstanpy - INFO - Chain [1] done processing
02:20:54 - cmdstanpy - INFO - Chain [1] start processing
02:20:54 - cmdstanpy - INFO - Chain [1] done processing
02:20:55 - cmdstanpy - INFO - Chain [1] start processing
02:20:55 - cmdstanpy - INFO - Chain [1] done processing
02:20:55 - cmdstanpy - INFO - Chain [1] start processing
02:20:55 - cmdstanpy - INFO - Chain [1] done processing
02:20:56 - cmdstanpy - INFO - Chain [1] start processing
02:20:56 - cmdstanpy - INFO - Chain [1] done processing
02:20:56 - cmdstanpy - INFO - Chain [1] start processing
02:20:56 - cmdstanpy - INFO - Chain [1] done processing
02:20:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:56 - cmdstanpy - INFO - Chain [1] start processing
02:20:56 - cmdstanpy - INFO - Chain [1] done processing
02:20:57 - cmdstanpy - INFO - Chain [1] start processing
02:20:57 - cmdstanpy - INFO - Chain [1] done processing
02:20:57 - cmdstanpy - INFO - Chain [1] start processing
02:20:57 - cmdstanpy - INFO - Chain [1] done processing
02:20:57 - cmdstanpy - INFO - Chain [1] start processing
02:20:57 - cmdstanpy - INFO - Chain [1] done processing
02:20:58 - cmdstanpy - INFO - Chain [1] start processing
02:20:58 - cmdstanpy - INFO - Chain [1] done processing
02:20:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:20:58 - cmdstanpy - INFO - Chain [1] start processing
02:20:58 - cmdstanpy - INFO - Chain [1] done processing
02:20:58 - cmdstanpy - INFO - Chain [1] start processing
02:20:59 - cmdstanpy - INFO - Chain [1] done processing
02:20:59 - cmdstanpy - INFO - Chain [1] start processing
02:20:59 - cmdstanpy - INFO - Chain [1] done processing
02:20:59 - cmdstanpy - INFO - Chain [1] start processing
02:20:59 - cmdstanpy - INFO - Chain [1] done processing
02:21:00 - cmdstanpy - INFO - Chain [1] start processing
02:21:00 - cmdstanpy - INFO - Chain [1] done processing
02:21:00 - cmdstanpy - INFO - Chain [1] start processing
02:21:00 - cmdstanpy - INFO - Chain [1] done processing
02:21:01 - cmdstanpy - INFO - Chain [1] start processing
02:21:01 - cmdstanpy - INFO - Chain [1] done processing
02:21:01 - cmdstanpy - INFO - Chain [1] start processing
02:21:01 - cmdstanpy - INFO - Chain [1] done processing
02:21:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:01 - cmdstanpy - INFO - Chain [1] start processing
02:21:02 - cmdstanpy - INFO - Chain [1] done processing
02:21:02 - cmdstanpy - INFO - Chain [1] start processing
02:21:02 - cmdstanpy - INFO - Chain [1] done processing
02:21:02 - cmdstanpy - INFO - Chain [1] start processing
02:21:02 - cmdstanpy - INFO - Chain [1] done processing
02:21:03 - cmdstanpy - INFO - Chain [1] start processing
02:21:03 - cmdstanpy - INFO - Chain [1] done processing
02:21:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:03 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:21:03 - cmdstanpy - INFO - Chain [1] done processing
02:21:04 - cmdstanpy - INFO - Chain [1] start processing
02:21:04 - cmdstanpy - INFO - Chain [1] done processing
02:21:04 - cmdstanpy - INFO - Chain [1] start processing
02:21:04 - cmdstanpy - INFO - Chain [1] done processing
02:21:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:04 - cmdstanpy - INFO - Chain [1] start processing
02:21:04 - cmdstanpy - INFO - Chain [1] done processing
02:21:05 - cmdstanpy - INFO - Chain [1] start processing
02:21:05 - cmdstanpy - INFO - Chain [1] done processing
02:21:05 - cmdstanpy - INFO - Chain [1] start processing
02:21:05 - cmdstanpy - INFO - Chain [1] done processing
02:21:06 - cmdstanpy - INFO - Chain [1] start processing
02:21:06 - cmdstanpy - INFO - Chain [1] done processing
02:21:06 - cmdstanpy - INFO - Chain [1] start processing
02:21:06 - cmdstanpy - INFO - Chain [1] done processing
02:21:07 - cmdstanpy - INFO - Chain [1] start processing
02:21:07 - cmdstanpy - INFO - Chain [1] done processing
02:21:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:07 - cmdstanpy - INFO - Chain [1] start processing
02:21:07 - cmdstanpy - INFO - Chain [1] done processing
02:21:07 - cmdstanpy - INFO - Chain [1] start processing
02:21:07 - cmdstanpy - INFO - Chain [1] done processing
02:21:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:07 - cmdstanpy - INFO - Chain [1] start processing
02:21:08 - cmdstanpy - INFO - Chain [1] done processing
02:21:08 - cmdstanpy - INFO - Chain [1] start processing
02:21:08 - cmdstanpy - INFO - Chain [1] done processing
02:21:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:08 - cmdstanpy - INFO - Chain [1] start processing
02:21:08 - cmdstanpy - INFO - Chain [1] done processing
02:21:09 - cmdstanpy - INFO - Chain [1] start processing
02:21:09 - cmdstanpy - INFO - Chain [1] done processing
02:21:09 - cmdstanpy - INFO - Chain [1] start processing
02:21:09 - cmdstanpy - INFO - Chain [1] done processing
02:21:10 - cmdstanpy - INFO - Chain [1] start processing
02:21:10 - cmdstanpy - INFO - Chain [1] done processing
02:21:10 - cmdstanpy - INFO - Chain [1] start processing
02:21:10 - cmdstanpy - INFO - Chain [1] done processing
02:21:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:10 - cmdstanpy - INFO - Chain [1] start processing
02:21:10 - cmdstanpy - INFO - Chain [1] done processing
02:21:11 - cmdstanpy - INFO - Chain [1] start processing
02:21:11 - cmdstanpy - INFO - Chain [1] done processing
02:21:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:11 - cmdstanpy - INFO - Chain [1] start processing
02:21:11 - cmdstanpy - INFO - Chain [1] done processing
02:21:11 - cmdstanpy - INFO - Chain [1] start processing
02:21:11 - cmdstanpy - INFO - Chain [1] done processing
02:21:12 - cmdstanpy - INFO - Chain [1] start processing
02:21:12 - cmdstanpy - INFO - Chain [1] done processing
02:21:12 - cmdstanpy - INFO - Chain [1] start processing
02:21:12 - cmdstanpy - INFO - Chain [1] done processing
02:21:13 - cmdstanpy - INFO - Chain [1] start processing
02:21:13 - cmdstanpy - INFO - Chain [1] done processing
02:21:13 - cmdstanpy - INFO - Chain [1] start processing
02:21:13 - cmdstanpy - INFO - Chain [1] done processing
02:21:13 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:21:13 - cmdstanpy - INFO - Chain [1] done processing
02:21:14 - cmdstanpy - INFO - Chain [1] start processing
02:21:14 - cmdstanpy - INFO - Chain [1] done processing
02:21:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:14 - cmdstanpy - INFO - Chain [1] start processing
02:21:14 - cmdstanpy - INFO - Chain [1] done processing
02:21:14 - cmdstanpy - INFO - Chain [1] start processing
02:21:14 - cmdstanpy - INFO - Chain [1] done processing
02:21:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:14 - cmdstanpy - INFO - Chain [1] start processing
02:21:15 - cmdstanpy - INFO - Chain [1] done processing
02:21:15 - cmdstanpy - INFO - Chain [1] start processing
02:21:15 - cmdstanpy - INFO - Chain [1] done processing
02:21:15 - cmdstanpy - INFO - Chain [1] start processing
02:21:15 - cmdstanpy - INFO - Chain [1] done processing
02:21:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:16 - cmdstanpy - INFO - Chain [1] start processing
02:21:16 - cmdstanpy - INFO - Chain [1] done processing
02:21:16 - cmdstanpy - INFO - Chain [1] start processing
02:21:16 - cmdstanpy - INFO - Chain [1] done processing
02:21:16 - cmdstanpy - INFO - Chain [1] start processing
02:21:17 - cmdstanpy - INFO - Chain [1] done processing
02:21:17 - cmdstanpy - INFO - Chain [1] start processing
02:21:17 - cmdstanpy - INFO - Chain [1] done processing
02:21:17 - cmdstanpy - INFO - Chain [1] start processing
02:21:17 - cmdstanpy - INFO - Chain [1] done processing
02:21:18 - cmdstanpy - INFO - Chain [1] start processing
02:21:18 - cmdstanpy - INFO - Chain [1] done processing
02:21:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:18 - cmdstanpy - INFO - Chain [1] start processing
02:21:18 - cmdstanpy - INFO - Chain [1] done processing
02:21:18 - cmdstanpy - INFO - Chain [1] start processing
02:21:18 - cmdstanpy - INFO - Chain [1] done processing
02:21:19 - cmdstanpy - INFO - Chain [1] start processing
02:21:19 - cmdstanpy - INFO - Chain [1] done processing
02:21:19 - cmdstanpy - INFO - Chain [1] start processing
02:21:19 - cmdstanpy - INFO - Chain [1] done processing
02:21:20 - cmdstanpy - INFO - Chain [1] start processing
02:21:20 - cmdstanpy - INFO - Chain [1] done processing
02:21:20 - cmdstanpy - INFO - Chain [1] start processing
02:21:20 - cmdstanpy - INFO - Chain [1] done processing
02:21:20 - cmdstanpy - INFO - Chain [1] start processing
02:21:21 - cmdstanpy - INFO - Chain [1] done processing
02:21:21 - cmdstanpy - INFO - Chain [1] start processing
02:21:21 - cmdstanpy - INFO - Chain [1] done processing
02:21:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:21 - cmdstanpy - INFO - Chain [1] start processing
02:21:21 - cmdstanpy - INFO - Chain [1] done processing
02:21:22 - cmdstanpy - INFO - Chain [1] start processing
02:21:22 - cmdstanpy - INFO - Chain [1] done processing
02:21:22 - cmdstanpy - INFO - Chain [1] start processing
02:21:22 - cmdstanpy - INFO - Chain [1] done processing
02:21:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:22 - cmdstanpy - INFO - Chain [1] start processing
02:21:22 - cmdstanpy - INFO - Chain [1] done processing
02:21:23 - cmdstanpy - INFO - Chain [1] start processing
02:21:23 - cmdstanpy - INFO - Chain [1] done processing
02:21:23 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:21:23 - cmdstanpy - INFO - Chain [1] done processing
02:21:23 - cmdstanpy - INFO - Chain [1] start processing
02:21:23 - cmdstanpy - INFO - Chain [1] done processing
02:21:24 - cmdstanpy - INFO - Chain [1] start processing
02:21:24 - cmdstanpy - INFO - Chain [1] done processing
02:21:24 - cmdstanpy - INFO - Chain [1] start processing
02:21:24 - cmdstanpy - INFO - Chain [1] done processing
02:21:25 - cmdstanpy - INFO - Chain [1] start processing
02:21:25 - cmdstanpy - INFO - Chain [1] done processing
02:21:25 - cmdstanpy - INFO - Chain [1] start processing
02:21:25 - cmdstanpy - INFO - Chain [1] done processing
02:21:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:25 - cmdstanpy - INFO - Chain [1] start processing
02:21:25 - cmdstanpy - INFO - Chain [1] done processing
02:21:25 - cmdstanpy - INFO - Chain [1] start processing
02:21:26 - cmdstanpy - INFO - Chain [1] done processing
02:21:26 - cmdstanpy - INFO - Chain [1] start processing
02:21:26 - cmdstanpy - INFO - Chain [1] done processing
02:21:26 - cmdstanpy - INFO - Chain [1] start processing
02:21:26 - cmdstanpy - INFO - Chain [1] done processing
02:21:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:26 - cmdstanpy - INFO - Chain [1] start processing
02:21:27 - cmdstanpy - INFO - Chain [1] done processing
02:21:27 - cmdstanpy - INFO - Chain [1] start processing
02:21:27 - cmdstanpy - INFO - Chain [1] done processing
02:21:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:27 - cmdstanpy - INFO - Chain [1] start processing
02:21:27 - cmdstanpy - INFO - Chain [1] done processing
02:21:27 - cmdstanpy - INFO - Chain [1] start processing
02:21:28 - cmdstanpy - INFO - Chain [1] done processing
02:21:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:28 - cmdstanpy - INFO - Chain [1] start processing
02:21:28 - cmdstanpy - INFO - Chain [1] done processing
02:21:28 - cmdstanpy - INFO - Chain [1] start processing
02:21:28 - cmdstanpy - INFO - Chain [1] done processing
02:21:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:28 - cmdstanpy - INFO - Chain [1] start processing
02:21:29 - cmdstanpy - INFO - Chain [1] done processing
02:21:29 - cmdstanpy - INFO - Chain [1] start processing
02:21:29 - cmdstanpy - INFO - Chain [1] done processing
02:21:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:29 - cmdstanpy - INFO - Chain [1] start processing
02:21:29 - cmdstanpy - INFO - Chain [1] done processing
02:21:29 - cmdstanpy - INFO - Chain [1] start processing
02:21:30 - cmdstanpy - INFO - Chain [1] done processing
02:21:30 - cmdstanpy - INFO - Chain [1] start processing
02:21:30 - cmdstanpy - INFO - Chain [1] done processing
02:21:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:30 - cmdstanpy - INFO - Chain [1] start processing
02:21:30 - cmdstanpy - INFO - Chain [1] done processing
02:21:30 - cmdstanpy - INFO - Chain [1] start processing
02:21:31 - cmdstanpy - INFO - Chain [1] done processing
02:21:31 - cmdstanpy - INFO - Chain [1] start processing
02:21:31 - cmdstanpy - INFO - Chain [1] done processing
02:21:31 - cmdstanpy - INFO - Chain [1] start processing
02:21:31 - cmdstanpy - INFO - Chain [1] done processing
02:21:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:21:31 - cmdstanpy - INFO - Chain [1] start processing
02:21:32 - cmdstanpy - INFO - Chain [1] done processing
02:21:32 - cmdstanpy - INFO - Chain [1] start processing
02:21:32 - cmdstanpy - INFO - Chain [1] done processing
02:21:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:32 - cmdstanpy - INFO - Chain [1] start processing
02:21:32 - cmdstanpy - INFO - Chain [1] done processing
02:21:32 - cmdstanpy - INFO - Chain [1] start processing
02:21:33 - cmdstanpy - INFO - Chain [1] done processing
02:21:33 - cmdstanpy - INFO - Chain [1] start processing
02:21:33 - cmdstanpy - INFO - Chain [1] done processing
02:21:33 - cmdstanpy - INFO - Chain [1] start processing
02:21:33 - cmdstanpy - INFO - Chain [1] done processing
02:21:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:33 - cmdstanpy - INFO - Chain [1] start processing
02:21:33 - cmdstanpy - INFO - Chain [1] done processing
02:21:34 - cmdstanpy - INFO - Chain [1] start processing
02:21:34 - cmdstanpy - INFO - Chain [1] done processing
02:21:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:34 - cmdstanpy - INFO - Chain [1] start processing
02:21:34 - cmdstanpy - INFO - Chain [1] done processing
02:21:34 - cmdstanpy - INFO - Chain [1] start processing
02:21:34 - cmdstanpy - INFO - Chain [1] done processing
02:21:35 - cmdstanpy - INFO - Chain [1] start processing
02:21:35 - cmdstanpy - INFO - Chain [1] done processing
02:21:35 - cmdstanpy - INFO - Chain [1] start processing
02:21:35 - cmdstanpy - INFO - Chain [1] done processing
02:21:36 - cmdstanpy - INFO - Chain [1] start processing
02:21:36 - cmdstanpy - INFO - Chain [1] done processing
02:21:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:36 - cmdstanpy - INFO - Chain [1] start processing
02:21:36 - cmdstanpy - INFO - Chain [1] done processing
02:21:36 - cmdstanpy - INFO - Chain [1] start processing
02:21:36 - cmdstanpy - INFO - Chain [1] done processing
02:21:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:36 - cmdstanpy - INFO - Chain [1] start processing
02:21:37 - cmdstanpy - INFO - Chain [1] done processing
02:21:37 - cmdstanpy - INFO - Chain [1] start processing
02:21:37 - cmdstanpy - INFO - Chain [1] done processing
02:21:37 - cmdstanpy - INFO - Chain [1] start processing
02:21:37 - cmdstanpy - INFO - Chain [1] done processing
02:21:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:37 - cmdstanpy - INFO - Chain [1] start processing
02:21:38 - cmdstanpy - INFO - Chain [1] done processing
02:21:38 - cmdstanpy - INFO - Chain [1] start processing
02:21:38 - cmdstanpy - INFO - Chain [1] done processing
02:21:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:38 - cmdstanpy - INFO - Chain [1] start processing
02:21:38 - cmdstanpy - INFO - Chain [1] done processing
02:21:39 - cmdstanpy - INFO - Chain [1] start processing
02:21:39 - cmdstanpy - INFO - Chain [1] done processing
02:21:39 - cmdstanpy - INFO - Chain [1] start processing
02:21:39 - cmdstanpy - INFO - Chain [1] done processing
02:21:39 - cmdstanpy - INFO - Chain [1] start processing
02:21:39 - cmdstanpy - INFO - Chain [1] done processing
02:21:40 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:21:40 - cmdstanpy - INFO - Chain [1] done processing
02:21:40 - cmdstanpy - INFO - Chain [1] start processing
02:21:40 - cmdstanpy - INFO - Chain [1] done processing
02:21:40 - cmdstanpy - INFO - Chain [1] start processing
02:21:41 - cmdstanpy - INFO - Chain [1] done processing
02:21:41 - cmdstanpy - INFO - Chain [1] start processing
02:21:41 - cmdstanpy - INFO - Chain [1] done processing
02:21:41 - cmdstanpy - INFO - Chain [1] start processing
02:21:41 - cmdstanpy - INFO - Chain [1] done processing
02:21:42 - cmdstanpy - INFO - Chain [1] start processing
02:21:42 - cmdstanpy - INFO - Chain [1] done processing
02:21:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:42 - cmdstanpy - INFO - Chain [1] start processing
02:21:42 - cmdstanpy - INFO - Chain [1] done processing
02:21:42 - cmdstanpy - INFO - Chain [1] start processing
02:21:42 - cmdstanpy - INFO - Chain [1] done processing
02:21:43 - cmdstanpy - INFO - Chain [1] start processing
02:21:43 - cmdstanpy - INFO - Chain [1] done processing
02:21:43 - cmdstanpy - INFO - Chain [1] start processing
02:21:43 - cmdstanpy - INFO - Chain [1] done processing
02:21:44 - cmdstanpy - INFO - Chain [1] start processing
02:21:44 - cmdstanpy - INFO - Chain [1] done processing
02:21:44 - cmdstanpy - INFO - Chain [1] start processing
02:21:44 - cmdstanpy - INFO - Chain [1] done processing
02:21:44 - cmdstanpy - INFO - Chain [1] start processing
02:21:44 - cmdstanpy - INFO - Chain [1] done processing
02:21:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:44 - cmdstanpy - INFO - Chain [1] start processing
02:21:45 - cmdstanpy - INFO - Chain [1] done processing
02:21:45 - cmdstanpy - INFO - Chain [1] start processing
02:21:45 - cmdstanpy - INFO - Chain [1] done processing
02:21:45 - cmdstanpy - INFO - Chain [1] start processing
02:21:45 - cmdstanpy - INFO - Chain [1] done processing
02:21:46 - cmdstanpy - INFO - Chain [1] start processing
02:21:46 - cmdstanpy - INFO - Chain [1] done processing
02:21:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:46 - cmdstanpy - INFO - Chain [1] start processing
02:21:46 - cmdstanpy - INFO - Chain [1] done processing
02:21:46 - cmdstanpy - INFO - Chain [1] start processing
02:21:46 - cmdstanpy - INFO - Chain [1] done processing
02:21:47 - cmdstanpy - INFO - Chain [1] start processing
02:21:47 - cmdstanpy - INFO - Chain [1] done processing
02:21:47 - cmdstanpy - INFO - Chain [1] start processing
02:21:47 - cmdstanpy - INFO - Chain [1] done processing
02:21:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:47 - cmdstanpy - INFO - Chain [1] start processing
02:21:47 - cmdstanpy - INFO - Chain [1] done processing
02:21:48 - cmdstanpy - INFO - Chain [1] start processing
02:21:48 - cmdstanpy - INFO - Chain [1] done processing
02:21:48 - cmdstanpy - INFO - Chain [1] start processing
02:21:48 - cmdstanpy - INFO - Chain [1] done processing
02:21:49 - cmdstanpy - INFO - Chain [1] start processing
02:21:49 - cmdstanpy - INFO - Chain [1] done processing
02:21:49 - cmdstanpy - INFO - Chain [1] start processing
02:21:49 - cmdstanpy - INFO - Chain [1] done processing
02:21:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:21:49 - cmdstanpy - INFO - Chain [1] start processing
02:21:49 - cmdstanpy - INFO - Chain [1] done processing
02:21:50 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:21:50 - cmdstanpy - INFO - Chain [1] done processing
02:21:50 - cmdstanpy - INFO - Chain [1] start processing
02:21:50 - cmdstanpy - INFO - Chain [1] done processing
02:21:50 - cmdstanpy - INFO - Chain [1] start processing
02:21:50 - cmdstanpy - INFO - Chain [1] done processing
02:21:51 - cmdstanpy - INFO - Chain [1] start processing
02:21:51 - cmdstanpy - INFO - Chain [1] done processing
02:21:51 - cmdstanpy - INFO - Chain [1] start processing
02:21:51 - cmdstanpy - INFO - Chain [1] done processing
02:21:52 - cmdstanpy - INFO - Chain [1] start processing
02:21:52 - cmdstanpy - INFO - Chain [1] done processing
02:21:52 - cmdstanpy - INFO - Chain [1] start processing
02:21:52 - cmdstanpy - INFO - Chain [1] done processing
02:21:53 - cmdstanpy - INFO - Chain [1] start processing
02:21:53 - cmdstanpy - INFO - Chain [1] done processing
02:21:53 - cmdstanpy - INFO - Chain [1] start processing
02:21:53 - cmdstanpy - INFO - Chain [1] done processing
02:21:53 - cmdstanpy - INFO - Chain [1] start processing
02:21:53 - cmdstanpy - INFO - Chain [1] done processing
02:21:54 - cmdstanpy - INFO - Chain [1] start processing
02:21:54 - cmdstanpy - INFO - Chain [1] done processing
02:21:54 - cmdstanpy - INFO - Chain [1] start processing
02:21:54 - cmdstanpy - INFO - Chain [1] done processing
02:21:55 - cmdstanpy - INFO - Chain [1] start processing
02:21:55 - cmdstanpy - INFO - Chain [1] done processing
02:21:55 - cmdstanpy - INFO - Chain [1] start processing
02:21:55 - cmdstanpy - INFO - Chain [1] done processing
02:21:55 - cmdstanpy - INFO - Chain [1] start processing
02:21:55 - cmdstanpy - INFO - Chain [1] done processing
02:21:56 - cmdstanpy - INFO - Chain [1] start processing
02:21:56 - cmdstanpy - INFO - Chain [1] done processing
02:21:56 - cmdstanpy - INFO - Chain [1] start processing
02:21:56 - cmdstanpy - INFO - Chain [1] done processing
02:21:57 - cmdstanpy - INFO - Chain [1] start processing
02:21:57 - cmdstanpy - INFO - Chain [1] done processing
02:21:57 - cmdstanpy - INFO - Chain [1] start processing
02:21:57 - cmdstanpy - INFO - Chain [1] done processing
02:21:57 - cmdstanpy - INFO - Chain [1] start processing
02:21:57 - cmdstanpy - INFO - Chain [1] done processing
02:21:58 - cmdstanpy - INFO - Chain [1] start processing
02:21:58 - cmdstanpy - INFO - Chain [1] done processing
02:21:58 - cmdstanpy - INFO - Chain [1] start processing
02:21:58 - cmdstanpy - INFO - Chain [1] done processing
02:21:59 - cmdstanpy - INFO - Chain [1] start processing
02:21:59 - cmdstanpy - INFO - Chain [1] done processing
02:21:59 - cmdstanpy - INFO - Chain [1] start processing
02:21:59 - cmdstanpy - INFO - Chain [1] done processing
02:22:00 - cmdstanpy - INFO - Chain [1] start processing
02:22:00 - cmdstanpy - INFO - Chain [1] done processing
02:22:00 - cmdstanpy - INFO - Chain [1] start processing
02:22:00 - cmdstanpy - INFO - Chain [1] done processing
02:22:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:22:00 - cmdstanpy - INFO - Chain [1] start processing
02:22:00 - cmdstanpy - INFO - Chain [1] done processing
02:22:01 - cmdstanpy - INFO - Chain [1] start processing
02:22:01 - cmdstanpy - INFO - Chain [1] done processing
02:22:01 - cmdstanpy - INFO - Chain [1] start processing
02:22:01 - cmdstanpy - INFO - Chain [1] done processing
02:22:02 - cmdstanpy - INFO - Chain [1] start processing
02:22:02 - cmdstanpy - INFO - Chain [1] done processing
02:22:02 - cmdstanpy - INFO - Chain [1] start processing
02:22:02 - cmdstanpy - INFO - Chain [1] done processing
02:22:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:22:02 - cmdstanpy - INFO - Chain [1] start processing
02:22:02 - cmdstanpy - INFO - Chain [1] done processing
02:22:03 - cmdstanpy - INFO - Chain [1] start processing
02:22:03 - cmdstanpy - INFO - Chain [1] done processing
02:22:03 - cmdstanpy - INFO - Chain [1] start processing
02:22:03 - cmdstanpy - INFO - Chain [1] done processing
02:22:04 - cmdstanpy - INFO - Chain [1] start processing
02:22:04 - cmdstanpy - INFO - Chain [1] done processing
02:22:04 - cmdstanpy - INFO - Chain [1] start processing
02:22:04 - cmdstanpy - INFO - Chain [1] done processing
02:22:04 - cmdstanpy - INFO - Chain [1] start processing
02:22:05 - cmdstanpy - INFO - Chain [1] done processing
02:22:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:22:05 - cmdstanpy - INFO - Chain [1] start processing
02:22:05 - cmdstanpy - INFO - Chain [1] done processing
02:22:05 - cmdstanpy - INFO - Chain [1] start processing
02:22:05 - cmdstanpy - INFO - Chain [1] done processing
02:22:06 - cmdstanpy - INFO - Chain [1] start processing
02:22:06 - cmdstanpy - INFO - Chain [1] done processing
02:22:06 - cmdstanpy - INFO - Chain [1] start processing
02:22:06 - cmdstanpy - INFO - Chain [1] done processing
02:22:06 - cmdstanpy - INFO - Chain [1] start processing
02:22:06 - cmdstanpy - INFO - Chain [1] done processing
02:22:07 - cmdstanpy - INFO - Chain [1] start processing
02:22:07 - cmdstanpy - INFO - Chain [1] done processing
02:22:07 - cmdstanpy - INFO - Chain [1] start processing
02:22:07 - cmdstanpy - INFO - Chain [1] done processing
02:22:08 - cmdstanpy - INFO - Chain [1] start processing
02:22:08 - cmdstanpy - INFO - Chain [1] done processing
02:22:08 - cmdstanpy - INFO - Chain [1] start processing
02:22:08 - cmdstanpy - INFO - Chain [1] done processing
02:22:08 - cmdstanpy - INFO - Chain [1] start processing
02:22:09 - cmdstanpy - INFO - Chain [1] done processing
02:22:09 - cmdstanpy - INFO - Chain [1] start processing
02:22:09 - cmdstanpy - INFO - Chain [1] done processing
02:22:09 - cmdstanpy - INFO - Chain [1] start processing
02:22:09 - cmdstanpy - INFO - Chain [1] done processing
02:22:10 - cmdstanpy - INFO - Chain [1] start processing
02:22:10 - cmdstanpy - INFO - Chain [1] done processing
02:22:10 - cmdstanpy - INFO - Chain [1] start processing
02:22:10 - cmdstanpy - INFO - Chain [1] done processing
02:22:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:22:10 - cmdstanpy - INFO - Chain [1] start processing
02:22:10 - cmdstanpy - INFO - Chain [1] done processing
02:22:11 - cmdstanpy - INFO - Chain [1] start processing
02:22:11 - cmdstanpy - INFO - Chain [1] done processing
02:22:11 - cmdstanpy - INFO - Chain [1] start processing
02:22:11 - cmdstanpy - INFO - Chain [1] done processing
02:22:11 - cmdstanpy - INFO - Chain [1] start processing
02:22:11 - cmdstanpy - INFO - Chain [1] done processing
02:22:12 - cmdstanpy - INFO - Chain [1] start processing
02:22:12 - cmdstanpy - INFO - Chain [1] done processing
02:22:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:22:12 - cmdstanpy - INFO - Chain [1] start processing
02:22:12 - cmdstanpy - INFO - Chain [1] done processing
02:22:13 - cmdstanpy - INFO - Chain [1] start processing
02:22:13 - cmdstanpy - INFO - Chain [1] done processing
02:22:13 - cmdstanpy - INFO - Chain [1] start processing
02:22:13 - cmdstanpy - INFO - Chain [1] done processing
02:22:13 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:22:13 - cmdstanpy - INFO - Chain [1] done processing
02:22:14 - cmdstanpy - INFO - Chain [1] start processing
02:22:14 - cmdstanpy - INFO - Chain [1] done processing
02:22:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:22:14 - cmdstanpy - INFO - Chain [1] start processing
02:22:14 - cmdstanpy - INFO - Chain [1] done processing
02:22:14 - cmdstanpy - INFO - Chain [1] start processing
02:22:15 - cmdstanpy - INFO - Chain [1] done processing
02:22:15 - cmdstanpy - INFO - Chain [1] start processing
02:22:15 - cmdstanpy - INFO - Chain [1] done processing
02:22:15 - cmdstanpy - INFO - Chain [1] start processing
02:22:15 - cmdstanpy - INFO - Chain [1] done processing
02:22:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:22:15 - cmdstanpy - INFO - Chain [1] start processing
02:22:16 - cmdstanpy - INFO - Chain [1] done processing
02:22:16 - cmdstanpy - INFO - Chain [1] start processing
02:22:16 - cmdstanpy - INFO - Chain [1] done processing
02:22:17 - cmdstanpy - INFO - Chain [1] start processing
02:22:17 - cmdstanpy - INFO - Chain [1] done processing
02:22:17 - cmdstanpy - INFO - Chain [1] start processing
02:22:17 - cmdstanpy - INFO - Chain [1] done processing
02:22:17 - cmdstanpy - INFO - Chain [1] start processing
02:22:17 - cmdstanpy - INFO - Chain [1] done processing
02:22:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:22:17 - cmdstanpy - INFO - Chain [1] start processing
02:22:18 - cmdstanpy - INFO - Chain [1] done processing
02:22:18 - cmdstanpy - INFO - Chain [1] start processing
02:22:18 - cmdstanpy - INFO - Chain [1] done processing
02:22:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:22:18 - cmdstanpy - INFO - Chain [1] start processing
02:22:18 - cmdstanpy - INFO - Chain [1] done processing
02:22:19 - cmdstanpy - INFO - Chain [1] start processing
02:22:19 - cmdstanpy - INFO - Chain [1] done processing
02:22:19 - cmdstanpy - INFO - Chain [1] start processing
02:22:19 - cmdstanpy - INFO - Chain [1] done processing
02:22:19 - cmdstanpy - INFO - Chain [1] start processing
02:22:19 - cmdstanpy - INFO - Chain [1] done processing
02:22:20 - cmdstanpy - INFO - Chain [1] start processing
02:22:20 - cmdstanpy - INFO - Chain [1] done processing
02:22:20 - cmdstanpy - INFO - Chain [1] start processing
02:22:20 - cmdstanpy - INFO - Chain [1] done processing
02:22:21 - cmdstanpy - INFO - Chain [1] start processing
02:22:21 - cmdstanpy - INFO - Chain [1] done processing
02:22:21 - cmdstanpy - INFO - Chain [1] start processing
02:22:21 - cmdstanpy - INFO - Chain [1] done processing
02:22:22 - cmdstanpy - INFO - Chain [1] start processing
02:22:22 - cmdstanpy - INFO - Chain [1] done processing
02:22:22 - cmdstanpy - INFO - Chain [1] start processing
02:22:22 - cmdstanpy - INFO - Chain [1] done processing
02:22:22 - cmdstanpy - INFO - Chain [1] start processing
02:22:23 - cmdstanpy - INFO - Chain [1] done processing
02:22:23 - cmdstanpy - INFO - Chain [1] start processing
02:22:23 - cmdstanpy - INFO - Chain [1] done processing
02:22:23 - cmdstanpy - INFO - Chain [1] start processing
02:22:23 - cmdstanpy - INFO - Chain [1] done processing
02:22:24 - cmdstanpy - INFO - Chain [1] start processing
02:22:24 - cmdstanpy - INFO - Chain [1] done processing
02:22:24 - cmdstanpy - INFO - Chain [1] start processing
02:22:24 - cmdstanpy - INFO - Chain [1] done processing
02:22:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:22:24 - cmdstanpy - INFO - Chain [1] start processing
02:22:25 - cmdstanpy - INFO - Chain [1] done processing
02:22:25 - cmdstanpy - INFO - Chain [1] start processing
02:22:25 - cmdstanpy - INFO - Chain [1] done processing
02:22:25 - cmdstanpy - INFO - Chain [1] start processing
02:22:25 - cmdstanpy - INFO - Chain [1] done processing
02:22:26 - cmdstanpy - INFO - Chain [1] start processing
02:22:26 - cmdstanpy - INFO - Chain [1] done processing
02:22:26 - cmdstanpy - INFO - Chain [1] start processing
02:22:26 - cmdstanpy - INFO - Chain [1] done processing
02:22:27 - cmdstanpy - INFO - Chain [1] start processing
02:22:27 - cmdstanpy - INFO - Chain [1] done processing
02:22:27 - cmdstanpy - INFO - Chain [1] start processing
02:22:27 - cmdstanpy - INFO - Chain [1] done processing
02:22:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:22:27 - cmdstanpy - INFO - Chain [1] start processing
02:22:27 - cmdstanpy - INFO - Chain [1] done processing
02:22:28 - cmdstanpy - INFO - Chain [1] start processing
02:22:28 - cmdstanpy - INFO - Chain [1] done processing
02:22:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:22:28 - cmdstanpy - INFO - Chain [1] start processing
02:22:28 - cmdstanpy - INFO - Chain [1] done processing
02:22:28 - cmdstanpy - INFO - Chain [1] start processing
02:22:28 - cmdstanpy - INFO - Chain [1] done processing
02:22:29 - cmdstanpy - INFO - Chain [1] start processing
02:22:29 - cmdstanpy - INFO - Chain [1] done processing
02:22:29 - cmdstanpy - INFO - Chain [1] start processing
02:22:29 - cmdstanpy - INFO - Chain [1] done processing
02:22:30 - cmdstanpy - INFO - Chain [1] start processing
02:22:30 - cmdstanpy - INFO - Chain [1] done processing
02:22:30 - cmdstanpy - INFO - Chain [1] start processing
02:22:30 - cmdstanpy - INFO - Chain [1] done processing
02:22:30 - cmdstanpy - INFO - Chain [1] start processing
02:22:30 - cmdstanpy - INFO - Chain [1] done processing
02:22:31 - cmdstanpy - INFO - Chain [1] start processing
02:22:31 - cmdstanpy - INFO - Chain [1] done processing
02:22:31 - cmdstanpy - INFO - Chain [1] start processing
02:22:31 - cmdstanpy - INFO - Chain [1] done processing
02:22:32 - cmdstanpy - INFO - Chain [1] start processing
02:22:32 - cmdstanpy - INFO - Chain [1] done processing
02:22:32 - cmdstanpy - INFO - Chain [1] start processing
02:22:32 - cmdstanpy - INFO - Chain [1] done processing
02:22:33 - cmdstanpy - INFO - Chain [1] start processing
02:22:33 - cmdstanpy - INFO - Chain [1] done processing
02:22:33 - cmdstanpy - INFO - Chain [1] start processing
02:22:33 - cmdstanpy - INFO - Chain [1] done processing
02:22:33 - cmdstanpy - INFO - Chain [1] start processing
02:22:33 - cmdstanpy - INFO - Chain [1] done processing
02:22:34 - cmdstanpy - INFO - Chain [1] start processing
02:22:34 - cmdstanpy - INFO - Chain [1] done processing
02:22:34 - cmdstanpy - INFO - Chain [1] start processing
02:22:34 - cmdstanpy - INFO - Chain [1] done processing
02:22:35 - cmdstanpy - INFO - Chain [1] start processing
02:22:35 - cmdstanpy - INFO - Chain [1] done processing
02:22:35 - cmdstanpy - INFO - Chain [1] start processing
02:22:35 - cmdstanpy - INFO - Chain [1] done processing
02:22:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:22:35 - cmdstanpy - INFO - Chain [1] start processing
02:22:35 - cmdstanpy - INFO - Chain [1] done processing
02:22:36 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:22:36 - cmdstanpy - INFO - Chain [1] done processing
02:22:36 - cmdstanpy - INFO - Chain [1] start processing
02:22:36 - cmdstanpy - INFO - Chain [1] done processing
02:22:36 - cmdstanpy - INFO - Chain [1] start processing
02:22:36 - cmdstanpy - INFO - Chain [1] done processing
02:22:37 - cmdstanpy - INFO - Chain [1] start processing
02:22:37 - cmdstanpy - INFO - Chain [1] done processing
02:22:37 - cmdstanpy - INFO - Chain [1] start processing
02:22:37 - cmdstanpy - INFO - Chain [1] done processing
02:22:38 - cmdstanpy - INFO - Chain [1] start processing
02:22:38 - cmdstanpy - INFO - Chain [1] done processing
02:22:38 - cmdstanpy - INFO - Chain [1] start processing
02:22:38 - cmdstanpy - INFO - Chain [1] done processing
02:22:38 - cmdstanpy - INFO - Chain [1] start processing
02:22:38 - cmdstanpy - INFO - Chain [1] done processing
02:22:39 - cmdstanpy - INFO - Chain [1] start processing
02:22:39 - cmdstanpy - INFO - Chain [1] done processing
02:22:39 - cmdstanpy - INFO - Chain [1] start processing
02:22:39 - cmdstanpy - INFO - Chain [1] done processing
02:22:40 - cmdstanpy - INFO - Chain [1] start processing
02:22:40 - cmdstanpy - INFO - Chain [1] done processing
02:22:41 - cmdstanpy - INFO - Chain [1] start processing
02:22:41 - cmdstanpy - INFO - Chain [1] done processing
02:22:42 - cmdstanpy - INFO - Chain [1] start processing
02:22:42 - cmdstanpy - INFO - Chain [1] done processing
02:22:43 - cmdstanpy - INFO - Chain [1] start processing
02:22:43 - cmdstanpy - INFO - Chain [1] done processing
02:22:43 - cmdstanpy - INFO - Chain [1] start processing
02:22:43 - cmdstanpy - INFO - Chain [1] done processing
02:22:43 - cmdstanpy - INFO - Chain [1] start processing
02:22:44 - cmdstanpy - INFO - Chain [1] done processing
02:22:45 - cmdstanpy - INFO - Chain [1] start processing
02:22:45 - cmdstanpy - INFO - Chain [1] done processing
02:22:47 - cmdstanpy - INFO - Chain [1] start processing
02:22:47 - cmdstanpy - INFO - Chain [1] done processing
02:22:47 - cmdstanpy - INFO - Chain [1] start processing
02:22:47 - cmdstanpy - INFO - Chain [1] done processing
02:22:48 - cmdstanpy - INFO - Chain [1] start processing
02:22:48 - cmdstanpy - INFO - Chain [1] done processing
02:22:48 - cmdstanpy - INFO - Chain [1] start processing
02:22:48 - cmdstanpy - INFO - Chain [1] done processing
02:22:49 - cmdstanpy - INFO - Chain [1] start processing
02:22:49 - cmdstanpy - INFO - Chain [1] done processing
02:22:49 - cmdstanpy - INFO - Chain [1] start processing
02:22:49 - cmdstanpy - INFO - Chain [1] done processing
02:22:50 - cmdstanpy - INFO - Chain [1] start processing
02:22:50 - cmdstanpy - INFO - Chain [1] done processing
02:22:50 - cmdstanpy - INFO - Chain [1] start processing
02:22:50 - cmdstanpy - INFO - Chain [1] done processing
02:22:51 - cmdstanpy - INFO - Chain [1] start processing
02:22:51 - cmdstanpy - INFO - Chain [1] done processing
02:22:51 - cmdstanpy - INFO - Chain [1] start processing
02:22:52 - cmdstanpy - INFO - Chain [1] done processing
02:22:52 - cmdstanpy - INFO - Chain [1] start processing
02:22:52 - cmdstanpy - INFO - Chain [1] done processing
02:22:53 - cmdstanpy - INFO - Chain [1] start processing
02:22:53 - cmdstanpy - INFO - Chain [1] done processing
02:22:53 - cmdstanpy - INFO - Chain [1] start processing
02:22:53 - cmdstanpy - INFO - Chain [1] done processing
02:22:54 - cmdstanpy - INFO - Chain [1] start processing
02:22:54 - cmdstanpy - INFO - Chain [1] done processing
02:22:54 - cmdstanpy - INFO - Chain [1] start processing
02:22:54 - cmdstanpy - INFO - Chain [1] done processing
02:22:55 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:22:55 - cmdstanpy - INFO - Chain [1] done processing
02:22:55 - cmdstanpy - INFO - Chain [1] start processing
02:22:55 - cmdstanpy - INFO - Chain [1] done processing
02:22:56 - cmdstanpy - INFO - Chain [1] start processing
02:22:56 - cmdstanpy - INFO - Chain [1] done processing
02:22:56 - cmdstanpy - INFO - Chain [1] start processing
02:22:56 - cmdstanpy - INFO - Chain [1] done processing
02:22:57 - cmdstanpy - INFO - Chain [1] start processing
02:22:57 - cmdstanpy - INFO - Chain [1] done processing
02:22:58 - cmdstanpy - INFO - Chain [1] start processing
02:22:58 - cmdstanpy - INFO - Chain [1] done processing
02:22:59 - cmdstanpy - INFO - Chain [1] start processing
02:22:59 - cmdstanpy - INFO - Chain [1] done processing
02:22:59 - cmdstanpy - INFO - Chain [1] start processing
02:22:59 - cmdstanpy - INFO - Chain [1] done processing
02:23:00 - cmdstanpy - INFO - Chain [1] start processing
02:23:00 - cmdstanpy - INFO - Chain [1] done processing
02:23:00 - cmdstanpy - INFO - Chain [1] start processing
02:23:00 - cmdstanpy - INFO - Chain [1] done processing
02:23:01 - cmdstanpy - INFO - Chain [1] start processing
02:23:01 - cmdstanpy - INFO - Chain [1] done processing
02:23:01 - cmdstanpy - INFO - Chain [1] start processing
02:23:01 - cmdstanpy - INFO - Chain [1] done processing
02:23:02 - cmdstanpy - INFO - Chain [1] start processing
02:23:02 - cmdstanpy - INFO - Chain [1] done processing
02:23:04 - cmdstanpy - INFO - Chain [1] start processing
02:23:04 - cmdstanpy - INFO - Chain [1] done processing
02:23:04 - cmdstanpy - INFO - Chain [1] start processing
02:23:04 - cmdstanpy - INFO - Chain [1] done processing
02:23:05 - cmdstanpy - INFO - Chain [1] start processing
02:23:05 - cmdstanpy - INFO - Chain [1] done processing
02:23:05 - cmdstanpy - INFO - Chain [1] start processing
02:23:05 - cmdstanpy - INFO - Chain [1] done processing
02:23:06 - cmdstanpy - INFO - Chain [1] start processing
02:23:06 - cmdstanpy - INFO - Chain [1] done processing
02:23:06 - cmdstanpy - INFO - Chain [1] start processing
02:23:06 - cmdstanpy - INFO - Chain [1] done processing
02:23:07 - cmdstanpy - INFO - Chain [1] start processing
02:23:07 - cmdstanpy - INFO - Chain [1] done processing
02:23:07 - cmdstanpy - INFO - Chain [1] start processing
02:23:08 - cmdstanpy - INFO - Chain [1] done processing
02:23:08 - cmdstanpy - INFO - Chain [1] start processing
02:23:08 - cmdstanpy - INFO - Chain [1] done processing
02:23:09 - cmdstanpy - INFO - Chain [1] start processing
02:23:09 - cmdstanpy - INFO - Chain [1] done processing
02:23:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:09 - cmdstanpy - INFO - Chain [1] start processing
02:23:09 - cmdstanpy - INFO - Chain [1] done processing
02:23:10 - cmdstanpy - INFO - Chain [1] start processing
02:23:10 - cmdstanpy - INFO - Chain [1] done processing
02:23:10 - cmdstanpy - INFO - Chain [1] start processing
02:23:10 - cmdstanpy - INFO - Chain [1] done processing
02:23:11 - cmdstanpy - INFO - Chain [1] start processing
02:23:11 - cmdstanpy - INFO - Chain [1] done processing
02:23:11 - cmdstanpy - INFO - Chain [1] start processing
02:23:11 - cmdstanpy - INFO - Chain [1] done processing
02:23:12 - cmdstanpy - INFO - Chain [1] start processing
02:23:12 - cmdstanpy - INFO - Chain [1] done processing
02:23:12 - cmdstanpy - INFO - Chain [1] start processing
02:23:12 - cmdstanpy - INFO - Chain [1] done processing
02:23:12 - cmdstanpy - INFO - Chain [1] start processing
02:23:12 - cmdstanpy - INFO - Chain [1] done processing
02:23:13 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:23:13 - cmdstanpy - INFO - Chain [1] done processing
02:23:13 - cmdstanpy - INFO - Chain [1] start processing
02:23:13 - cmdstanpy - INFO - Chain [1] done processing
02:23:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:13 - cmdstanpy - INFO - Chain [1] start processing
02:23:14 - cmdstanpy - INFO - Chain [1] done processing
02:23:14 - cmdstanpy - INFO - Chain [1] start processing
02:23:14 - cmdstanpy - INFO - Chain [1] done processing
02:23:14 - cmdstanpy - INFO - Chain [1] start processing
02:23:14 - cmdstanpy - INFO - Chain [1] done processing
02:23:15 - cmdstanpy - INFO - Chain [1] start processing
02:23:15 - cmdstanpy - INFO - Chain [1] done processing
02:23:15 - cmdstanpy - INFO - Chain [1] start processing
02:23:15 - cmdstanpy - INFO - Chain [1] done processing
02:23:16 - cmdstanpy - INFO - Chain [1] start processing
02:23:16 - cmdstanpy - INFO - Chain [1] done processing
02:23:16 - cmdstanpy - INFO - Chain [1] start processing
02:23:16 - cmdstanpy - INFO - Chain [1] done processing
02:23:16 - cmdstanpy - INFO - Chain [1] start processing
02:23:16 - cmdstanpy - INFO - Chain [1] done processing
02:23:17 - cmdstanpy - INFO - Chain [1] start processing
02:23:17 - cmdstanpy - INFO - Chain [1] done processing
02:23:17 - cmdstanpy - INFO - Chain [1] start processing
02:23:17 - cmdstanpy - INFO - Chain [1] done processing
02:23:18 - cmdstanpy - INFO - Chain [1] start processing
02:23:18 - cmdstanpy - INFO - Chain [1] done processing
02:23:18 - cmdstanpy - INFO - Chain [1] start processing
02:23:18 - cmdstanpy - INFO - Chain [1] done processing
02:23:18 - cmdstanpy - INFO - Chain [1] start processing
02:23:18 - cmdstanpy - INFO - Chain [1] done processing
02:23:19 - cmdstanpy - INFO - Chain [1] start processing
02:23:19 - cmdstanpy - INFO - Chain [1] done processing
02:23:19 - cmdstanpy - INFO - Chain [1] start processing
02:23:19 - cmdstanpy - INFO - Chain [1] done processing
02:23:20 - cmdstanpy - INFO - Chain [1] start processing
02:23:20 - cmdstanpy - INFO - Chain [1] done processing
02:23:20 - cmdstanpy - INFO - Chain [1] start processing
02:23:20 - cmdstanpy - INFO - Chain [1] done processing
02:23:20 - cmdstanpy - INFO - Chain [1] start processing
02:23:20 - cmdstanpy - INFO - Chain [1] done processing
02:23:21 - cmdstanpy - INFO - Chain [1] start processing
02:23:21 - cmdstanpy - INFO - Chain [1] done processing
02:23:21 - cmdstanpy - INFO - Chain [1] start processing
02:23:21 - cmdstanpy - INFO - Chain [1] done processing
02:23:22 - cmdstanpy - INFO - Chain [1] start processing
02:23:22 - cmdstanpy - INFO - Chain [1] done processing
02:23:22 - cmdstanpy - INFO - Chain [1] start processing
02:23:22 - cmdstanpy - INFO - Chain [1] done processing
02:23:22 - cmdstanpy - INFO - Chain [1] start processing
02:23:22 - cmdstanpy - INFO - Chain [1] done processing
02:23:23 - cmdstanpy - INFO - Chain [1] start processing
02:23:23 - cmdstanpy - INFO - Chain [1] done processing
02:23:23 - cmdstanpy - INFO - Chain [1] start processing
02:23:23 - cmdstanpy - INFO - Chain [1] done processing
02:23:24 - cmdstanpy - INFO - Chain [1] start processing
02:23:24 - cmdstanpy - INFO - Chain [1] done processing
02:23:24 - cmdstanpy - INFO - Chain [1] start processing
```

02:23:24 - cmdstanpy - INFO - Chain [1] done processing 02:23:25 - cmdstanpy - INFO - Chain [1] start processing 02:23:25 - cmdstanpy - INFO - Chain [1] done processing 02:23:25 - cmdstanpy - INFO - Chain [1] start processing 02:23:25 - cmdstanpy - INFO - Chain [1] done processing 02:23:25 - cmdstanpy - INFO - Chain [1] start processing

```
02:23:25 - cmdstanpy - INFO - Chain [1] done processing
02:23:26 - cmdstanpy - INFO - Chain [1] start processing
02:23:26 - cmdstanpy - INFO - Chain [1] done processing
02:23:26 - cmdstanpy - INFO - Chain [1] start processing
02:23:26 - cmdstanpy - INFO - Chain [1] done processing
02:23:27 - cmdstanpy - INFO - Chain [1] start processing
02:23:27 - cmdstanpy - INFO - Chain [1] done processing
02:23:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:27 - cmdstanpy - INFO - Chain [1] start processing
02:23:27 - cmdstanpy - INFO - Chain [1] done processing
02:23:27 - cmdstanpy - INFO - Chain [1] start processing
02:23:27 - cmdstanpy - INFO - Chain [1] done processing
02:23:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:27 - cmdstanpy - INFO - Chain [1] start processing
02:23:28 - cmdstanpy - INFO - Chain [1] done processing
02:23:28 - cmdstanpy - INFO - Chain [1] start processing
02:23:28 - cmdstanpy - INFO - Chain [1] done processing
02:23:28 - cmdstanpy - INFO - Chain [1] start processing
02:23:28 - cmdstanpy - INFO - Chain [1] done processing
02:23:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:28 - cmdstanpy - INFO - Chain [1] start processing
02:23:29 - cmdstanpy - INFO - Chain [1] done processing
02:23:29 - cmdstanpy - INFO - Chain [1] start processing
02:23:29 - cmdstanpy - INFO - Chain [1] done processing
02:23:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:29 - cmdstanpy - INFO - Chain [1] start processing
02:23:29 - cmdstanpy - INFO - Chain [1] done processing
02:23:30 - cmdstanpy - INFO - Chain [1] start processing
02:23:30 - cmdstanpy - INFO - Chain [1] done processing
02:23:30 - cmdstanpy - INFO - Chain [1] start processing
02:23:30 - cmdstanpy - INFO - Chain [1] done processing
02:23:30 - cmdstanpy - INFO - Chain [1] start processing
02:23:30 - cmdstanpy - INFO - Chain [1] done processing
02:23:31 - cmdstanpy - INFO - Chain [1] start processing
02:23:31 - cmdstanpy - INFO - Chain [1] done processing
02:23:31 - cmdstanpy - INFO - Chain [1] start processing
02:23:31 - cmdstanpy - INFO - Chain [1] done processing
02:23:32 - cmdstanpy - INFO - Chain [1] start processing
02:23:32 - cmdstanpy - INFO - Chain [1] done processing
02:23:32 - cmdstanpy - INFO - Chain [1] start processing
02:23:32 - cmdstanpy - INFO - Chain [1] done processing
02:23:32 - cmdstanpy - INFO - Chain [1] start processing
02:23:32 - cmdstanpy - INFO - Chain [1] done processing
02:23:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:32 - cmdstanpy - INFO - Chain [1] start processing
02:23:33 - cmdstanpy - INFO - Chain [1] done processing
02:23:33 - cmdstanpy - INFO - Chain [1] start processing
02:23:33 - cmdstanpy - INFO - Chain [1] done processing
02:23:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:33 - cmdstanpy - INFO - Chain [1] start processing
02:23:33 - cmdstanpy - INFO - Chain [1] done processing
02:23:34 - cmdstanpy - INFO - Chain [1] start processing
02:23:34 - cmdstanpy - INFO - Chain [1] done processing
02:23:34 - cmdstanpy - INFO - Chain [1] start processing
02:23:34 - cmdstanpy - INFO - Chain [1] done processing
02:23:34 - cmdstanpy - INFO - Chain [1] start processing
02:23:34 - cmdstanpy - INFO - Chain [1] done processing
02:23:35 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:23:35 - cmdstanpy - INFO - Chain [1] done processing
02:23:35 - cmdstanpy - INFO - Chain [1] start processing
02:23:35 - cmdstanpy - INFO - Chain [1] done processing
02:23:36 - cmdstanpy - INFO - Chain [1] start processing
02:23:36 - cmdstanpy - INFO - Chain [1] done processing
02:23:36 - cmdstanpy - INFO - Chain [1] start processing
02:23:36 - cmdstanpy - INFO - Chain [1] done processing
02:23:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:36 - cmdstanpy - INFO - Chain [1] start processing
02:23:36 - cmdstanpy - INFO - Chain [1] done processing
02:23:37 - cmdstanpy - INFO - Chain [1] start processing
02:23:37 - cmdstanpy - INFO - Chain [1] done processing
02:23:37 - cmdstanpy - INFO - Chain [1] start processing
02:23:37 - cmdstanpy - INFO - Chain [1] done processing
02:23:37 - cmdstanpy - INFO - Chain [1] start processing
02:23:37 - cmdstanpy - INFO - Chain [1] done processing
02:23:38 - cmdstanpy - INFO - Chain [1] start processing
02:23:38 - cmdstanpy - INFO - Chain [1] done processing
02:23:38 - cmdstanpy - INFO - Chain [1] start processing
02:23:38 - cmdstanpy - INFO - Chain [1] done processing
02:23:39 - cmdstanpy - INFO - Chain [1] start processing
02:23:39 - cmdstanpy - INFO - Chain [1] done processing
02:23:39 - cmdstanpy - INFO - Chain [1] start processing
02:23:39 - cmdstanpy - INFO - Chain [1] done processing
02:23:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:39 - cmdstanpy - INFO - Chain [1] start processing
02:23:39 - cmdstanpy - INFO - Chain [1] done processing
02:23:40 - cmdstanpy - INFO - Chain [1] start processing
02:23:40 - cmdstanpy - INFO - Chain [1] done processing
02:23:40 - cmdstanpy - INFO - Chain [1] start processing
02:23:40 - cmdstanpy - INFO - Chain [1] done processing
02:23:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:40 - cmdstanpy - INFO - Chain [1] start processing
02:23:40 - cmdstanpy - INFO - Chain [1] done processing
02:23:41 - cmdstanpy - INFO - Chain [1] start processing
02:23:41 - cmdstanpy - INFO - Chain [1] done processing
02:23:41 - cmdstanpy - INFO - Chain [1] start processing
02:23:41 - cmdstanpy - INFO - Chain [1] done processing
02:23:41 - cmdstanpy - INFO - Chain [1] start processing
02:23:42 - cmdstanpy - INFO - Chain [1] done processing
02:23:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:42 - cmdstanpy - INFO - Chain [1] start processing
02:23:42 - cmdstanpy - INFO - Chain [1] done processing
02:23:42 - cmdstanpy - INFO - Chain [1] start processing
02:23:42 - cmdstanpy - INFO - Chain [1] done processing
02:23:42 - cmdstanpy - INFO - Chain [1] start processing
02:23:43 - cmdstanpy - INFO - Chain [1] done processing
02:23:43 - cmdstanpy - INFO - Chain [1] start processing
02:23:43 - cmdstanpy - INFO - Chain [1] done processing
02:23:43 - cmdstanpy - INFO - Chain [1] start processing
02:23:43 - cmdstanpy - INFO - Chain [1] done processing
02:23:44 - cmdstanpy - INFO - Chain [1] start processing
02:23:44 - cmdstanpy - INFO - Chain [1] done processing
02:23:44 - cmdstanpy - INFO - Chain [1] start processing
02:23:44 - cmdstanpy - INFO - Chain [1] done processing
02:23:45 - cmdstanpy - INFO - Chain [1] start processing
02:23:45 - cmdstanpy - INFO - Chain [1] done processing
02:23:45 - cmdstanpy - INFO - Chain [1] start processing
02:23:45 - cmdstanpy - INFO - Chain [1] done processing
02:23:46 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:23:46 - cmdstanpy - INFO - Chain [1] done processing
02:23:46 - cmdstanpy - INFO - Chain [1] start processing
02:23:46 - cmdstanpy - INFO - Chain [1] done processing
02:23:46 - cmdstanpy - INFO - Chain [1] start processing
02:23:46 - cmdstanpy - INFO - Chain [1] done processing
02:23:47 - cmdstanpy - INFO - Chain [1] start processing
02:23:47 - cmdstanpy - INFO - Chain [1] done processing
02:23:47 - cmdstanpy - INFO - Chain [1] start processing
02:23:47 - cmdstanpy - INFO - Chain [1] done processing
02:23:48 - cmdstanpy - INFO - Chain [1] start processing
02:23:48 - cmdstanpy - INFO - Chain [1] done processing
02:23:48 - cmdstanpy - INFO - Chain [1] start processing
02:23:48 - cmdstanpy - INFO - Chain [1] done processing
02:23:48 - cmdstanpy - INFO - Chain [1] start processing
02:23:48 - cmdstanpy - INFO - Chain [1] done processing
02:23:49 - cmdstanpy - INFO - Chain [1] start processing
02:23:49 - cmdstanpy - INFO - Chain [1] done processing
02:23:49 - cmdstanpy - INFO - Chain [1] start processing
02:23:49 - cmdstanpy - INFO - Chain [1] done processing
02:23:50 - cmdstanpy - INFO - Chain [1] start processing
02:23:50 - cmdstanpy - INFO - Chain [1] done processing
02:23:50 - cmdstanpy - INFO - Chain [1] start processing
02:23:50 - cmdstanpy - INFO - Chain [1] done processing
02:23:50 - cmdstanpy - INFO - Chain [1] start processing
02:23:50 - cmdstanpy - INFO - Chain [1] done processing
02:23:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:50 - cmdstanpy - INFO - Chain [1] start processing
02:23:50 - cmdstanpy - INFO - Chain [1] done processing
02:23:51 - cmdstanpy - INFO - Chain [1] start processing
02:23:51 - cmdstanpy - INFO - Chain [1] done processing
02:23:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:51 - cmdstanpy - INFO - Chain [1] start processing
02:23:51 - cmdstanpy - INFO - Chain [1] done processing
02:23:52 - cmdstanpy - INFO - Chain [1] start processing
02:23:52 - cmdstanpy - INFO - Chain [1] done processing
02:23:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:52 - cmdstanpy - INFO - Chain [1] start processing
02:23:52 - cmdstanpy - INFO - Chain [1] done processing
02:23:52 - cmdstanpy - INFO - Chain [1] start processing
02:23:52 - cmdstanpy - INFO - Chain [1] done processing
02:23:52 - cmdstanpy - INFO - Chain [1] start processing
02:23:53 - cmdstanpy - INFO - Chain [1] done processing
02:23:53 - cmdstanpy - INFO - Chain [1] start processing
02:23:53 - cmdstanpy - INFO - Chain [1] done processing
02:23:53 - cmdstanpy - INFO - Chain [1] start processing
02:23:53 - cmdstanpy - INFO - Chain [1] done processing
02:23:54 - cmdstanpy - INFO - Chain [1] start processing
02:23:54 - cmdstanpy - INFO - Chain [1] done processing
02:23:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:54 - cmdstanpy - INFO - Chain [1] start processing
02:23:54 - cmdstanpy - INFO - Chain [1] done processing
02:23:55 - cmdstanpy - INFO - Chain [1] start processing
02:23:55 - cmdstanpy - INFO - Chain [1] done processing
02:23:55 - cmdstanpy - INFO - Chain [1] start processing
02:23:55 - cmdstanpy - INFO - Chain [1] done processing
02:23:55 - cmdstanpy - INFO - Chain [1] start processing
02:23:55 - cmdstanpy - INFO - Chain [1] done processing
02:23:56 - cmdstanpy - INFO - Chain [1] start processing
02:23:56 - cmdstanpy - INFO - Chain [1] done processing
02:23:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:23:56 - cmdstanpy - INFO - Chain [1] start processing
02:23:56 - cmdstanpy - INFO - Chain [1] done processing
02:23:56 - cmdstanpy - INFO - Chain [1] start processing
02:23:56 - cmdstanpy - INFO - Chain [1] done processing
02:23:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:56 - cmdstanpy - INFO - Chain [1] start processing
02:23:57 - cmdstanpy - INFO - Chain [1] done processing
02:23:57 - cmdstanpy - INFO - Chain [1] start processing
02:23:57 - cmdstanpy - INFO - Chain [1] done processing
02:23:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:23:57 - cmdstanpy - INFO - Chain [1] start processing
02:23:57 - cmdstanpy - INFO - Chain [1] done processing
02:23:58 - cmdstanpy - INFO - Chain [1] start processing
02:23:58 - cmdstanpy - INFO - Chain [1] done processing
02:23:58 - cmdstanpy - INFO - Chain [1] start processing
02:23:58 - cmdstanpy - INFO - Chain [1] done processing
02:23:58 - cmdstanpy - INFO - Chain [1] start processing
02:23:58 - cmdstanpy - INFO - Chain [1] done processing
02:23:59 - cmdstanpy - INFO - Chain [1] start processing
02:23:59 - cmdstanpy - INFO - Chain [1] done processing
02:23:59 - cmdstanpy - INFO - Chain [1] start processing
02:23:59 - cmdstanpy - INFO - Chain [1] done processing
02:24:00 - cmdstanpy - INFO - Chain [1] start processing
02:24:00 - cmdstanpy - INFO - Chain [1] done processing
02:24:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:00 - cmdstanpy - INFO - Chain [1] start processing
02:24:00 - cmdstanpy - INFO - Chain [1] done processing
02:24:00 - cmdstanpy - INFO - Chain [1] start processing
02:24:00 - cmdstanpy - INFO - Chain [1] done processing
02:24:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:00 - cmdstanpy - INFO - Chain [1] start processing
02:24:00 - cmdstanpy - INFO - Chain [1] done processing
02:24:01 - cmdstanpy - INFO - Chain [1] start processing
02:24:01 - cmdstanpy - INFO - Chain [1] done processing
02:24:01 - cmdstanpy - INFO - Chain [1] start processing
02:24:01 - cmdstanpy - INFO - Chain [1] done processing
02:24:02 - cmdstanpy - INFO - Chain [1] start processing
02:24:02 - cmdstanpy - INFO - Chain [1] done processing
02:24:02 - cmdstanpy - INFO - Chain [1] start processing
02:24:02 - cmdstanpy - INFO - Chain [1] done processing
02:24:02 - cmdstanpy - INFO - Chain [1] start processing
02:24:03 - cmdstanpy - INFO - Chain [1] done processing
02:24:03 - cmdstanpy - INFO - Chain [1] start processing
02:24:03 - cmdstanpy - INFO - Chain [1] done processing
02:24:03 - cmdstanpy - INFO - Chain [1] start processing
02:24:03 - cmdstanpy - INFO - Chain [1] done processing
02:24:04 - cmdstanpy - INFO - Chain [1] start processing
02:24:04 - cmdstanpy - INFO - Chain [1] done processing
02:24:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:04 - cmdstanpy - INFO - Chain [1] start processing
02:24:04 - cmdstanpy - INFO - Chain [1] done processing
02:24:04 - cmdstanpy - INFO - Chain [1] start processing
02:24:04 - cmdstanpy - INFO - Chain [1] done processing
02:24:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:04 - cmdstanpy - INFO - Chain [1] start processing
02:24:05 - cmdstanpy - INFO - Chain [1] done processing
02:24:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:24:05 - cmdstanpy - INFO - Chain [1] done processing
02:24:05 - cmdstanpy - INFO - Chain [1] start processing
02:24:05 - cmdstanpy - INFO - Chain [1] done processing
02:24:06 - cmdstanpy - INFO - Chain [1] start processing
02:24:06 - cmdstanpy - INFO - Chain [1] done processing
02:24:06 - cmdstanpy - INFO - Chain [1] start processing
02:24:06 - cmdstanpy - INFO - Chain [1] done processing
02:24:07 - cmdstanpy - INFO - Chain [1] start processing
02:24:07 - cmdstanpy - INFO - Chain [1] done processing
02:24:07 - cmdstanpy - INFO - Chain [1] start processing
02:24:07 - cmdstanpy - INFO - Chain [1] done processing
02:24:07 - cmdstanpy - INFO - Chain [1] start processing
02:24:07 - cmdstanpy - INFO - Chain [1] done processing
02:24:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:07 - cmdstanpy - INFO - Chain [1] start processing
02:24:08 - cmdstanpy - INFO - Chain [1] done processing
02:24:08 - cmdstanpy - INFO - Chain [1] start processing
02:24:08 - cmdstanpy - INFO - Chain [1] done processing
02:24:08 - cmdstanpy - INFO - Chain [1] start processing
02:24:09 - cmdstanpy - INFO - Chain [1] done processing
02:24:09 - cmdstanpy - INFO - Chain [1] start processing
02:24:09 - cmdstanpy - INFO - Chain [1] done processing
02:24:09 - cmdstanpy - INFO - Chain [1] start processing
02:24:09 - cmdstanpy - INFO - Chain [1] done processing
02:24:10 - cmdstanpy - INFO - Chain [1] start processing
02:24:10 - cmdstanpy - INFO - Chain [1] done processing
02:24:10 - cmdstanpy - INFO - Chain [1] start processing
02:24:10 - cmdstanpy - INFO - Chain [1] done processing
02:24:11 - cmdstanpy - INFO - Chain [1] start processing
02:24:11 - cmdstanpy - INFO - Chain [1] done processing
02:24:11 - cmdstanpy - INFO - Chain [1] start processing
02:24:11 - cmdstanpy - INFO - Chain [1] done processing
02:24:11 - cmdstanpy - INFO - Chain [1] start processing
02:24:11 - cmdstanpy - INFO - Chain [1] done processing
02:24:12 - cmdstanpy - INFO - Chain [1] start processing
02:24:12 - cmdstanpy - INFO - Chain [1] done processing
02:24:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:12 - cmdstanpy - INFO - Chain [1] start processing
02:24:12 - cmdstanpy - INFO - Chain [1] done processing
02:24:12 - cmdstanpy - INFO - Chain [1] start processing
02:24:13 - cmdstanpy - INFO - Chain [1] done processing
02:24:13 - cmdstanpy - INFO - Chain [1] start processing
02:24:13 - cmdstanpy - INFO - Chain [1] done processing
02:24:13 - cmdstanpy - INFO - Chain [1] start processing
02:24:13 - cmdstanpy - INFO - Chain [1] done processing
02:24:14 - cmdstanpy - INFO - Chain [1] start processing
02:24:14 - cmdstanpy - INFO - Chain [1] done processing
02:24:14 - cmdstanpy - INFO - Chain [1] start processing
02:24:14 - cmdstanpy - INFO - Chain [1] done processing
02:24:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:14 - cmdstanpy - INFO - Chain [1] start processing
02:24:14 - cmdstanpy - INFO - Chain [1] done processing
02:24:15 - cmdstanpy - INFO - Chain [1] start processing
02:24:15 - cmdstanpy - INFO - Chain [1] done processing
02:24:15 - cmdstanpy - INFO - Chain [1] start processing
02:24:15 - cmdstanpy - INFO - Chain [1] done processing
02:24:15 - cmdstanpy - INFO - Chain [1] start processing
02:24:15 - cmdstanpy - INFO - Chain [1] done processing
02:24:16 - cmdstanpy - INFO - Chain [1] start processing
02:24:16 - cmdstanpy - INFO - Chain [1] done processing
02:24:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:24:16 - cmdstanpy - INFO - Chain [1] start processing
02:24:16 - cmdstanpy - INFO - Chain [1] done processing
02:24:17 - cmdstanpy - INFO - Chain [1] start processing
02:24:17 - cmdstanpy - INFO - Chain [1] done processing
02:24:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:17 - cmdstanpy - INFO - Chain [1] start processing
02:24:17 - cmdstanpy - INFO - Chain [1] done processing
02:24:17 - cmdstanpy - INFO - Chain [1] start processing
02:24:17 - cmdstanpy - INFO - Chain [1] done processing
02:24:18 - cmdstanpy - INFO - Chain [1] start processing
02:24:18 - cmdstanpy - INFO - Chain [1] done processing
02:24:18 - cmdstanpy - INFO - Chain [1] start processing
02:24:18 - cmdstanpy - INFO - Chain [1] done processing
02:24:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:18 - cmdstanpy - INFO - Chain [1] start processing
02:24:18 - cmdstanpy - INFO - Chain [1] done processing
02:24:19 - cmdstanpy - INFO - Chain [1] start processing
02:24:19 - cmdstanpy - INFO - Chain [1] done processing
02:24:19 - cmdstanpy - INFO - Chain [1] start processing
02:24:19 - cmdstanpy - INFO - Chain [1] done processing
02:24:20 - cmdstanpy - INFO - Chain [1] start processing
02:24:20 - cmdstanpy - INFO - Chain [1] done processing
02:24:20 - cmdstanpy - INFO - Chain [1] start processing
02:24:20 - cmdstanpy - INFO - Chain [1] done processing
02:24:20 - cmdstanpy - INFO - Chain [1] start processing
02:24:21 - cmdstanpy - INFO - Chain [1] done processing
02:24:21 - cmdstanpy - INFO - Chain [1] start processing
02:24:21 - cmdstanpy - INFO - Chain [1] done processing
02:24:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:21 - cmdstanpy - INFO - Chain [1] start processing
02:24:21 - cmdstanpy - INFO - Chain [1] done processing
02:24:22 - cmdstanpy - INFO - Chain [1] start processing
02:24:22 - cmdstanpy - INFO - Chain [1] done processing
02:24:22 - cmdstanpy - INFO - Chain [1] start processing
02:24:22 - cmdstanpy - INFO - Chain [1] done processing
02:24:22 - cmdstanpy - INFO - Chain [1] start processing
02:24:22 - cmdstanpy - INFO - Chain [1] done processing
02:24:23 - cmdstanpy - INFO - Chain [1] start processing
02:24:23 - cmdstanpy - INFO - Chain [1] done processing
02:24:23 - cmdstanpy - INFO - Chain [1] start processing
02:24:23 - cmdstanpy - INFO - Chain [1] done processing
02:24:24 - cmdstanpy - INFO - Chain [1] start processing
02:24:24 - cmdstanpy - INFO - Chain [1] done processing
02:24:24 - cmdstanpy - INFO - Chain [1] start processing
02:24:24 - cmdstanpy - INFO - Chain [1] done processing
02:24:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:24 - cmdstanpy - INFO - Chain [1] start processing
02:24:24 - cmdstanpy - INFO - Chain [1] done processing
02:24:25 - cmdstanpy - INFO - Chain [1] start processing
02:24:25 - cmdstanpy - INFO - Chain [1] done processing
02:24:25 - cmdstanpy - INFO - Chain [1] start processing
02:24:25 - cmdstanpy - INFO - Chain [1] done processing
02:24:25 - cmdstanpy - INFO - Chain [1] start processing
02:24:25 - cmdstanpy - INFO - Chain [1] done processing
02:24:26 - cmdstanpy - INFO - Chain [1] start processing
02:24:26 - cmdstanpy - INFO - Chain [1] done processing
02:24:26 - cmdstanpy - INFO - Chain [1] start processing
02:24:26 - cmdstanpy - INFO - Chain [1] done processing
02:24:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:24:26 - cmdstanpy - INFO - Chain [1] start processing
02:24:26 - cmdstanpy - INFO - Chain [1] done processing
02:24:27 - cmdstanpy - INFO - Chain [1] start processing
02:24:27 - cmdstanpy - INFO - Chain [1] done processing
02:24:27 - cmdstanpy - INFO - Chain [1] start processing
02:24:27 - cmdstanpy - INFO - Chain [1] done processing
02:24:28 - cmdstanpy - INFO - Chain [1] start processing
02:24:28 - cmdstanpy - INFO - Chain [1] done processing
02:24:28 - cmdstanpy - INFO - Chain [1] start processing
02:24:28 - cmdstanpy - INFO - Chain [1] done processing
02:24:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:28 - cmdstanpy - INFO - Chain [1] start processing
02:24:28 - cmdstanpy - INFO - Chain [1] done processing
02:24:29 - cmdstanpy - INFO - Chain [1] start processing
02:24:29 - cmdstanpy - INFO - Chain [1] done processing
02:24:29 - cmdstanpy - INFO - Chain [1] start processing
02:24:29 - cmdstanpy - INFO - Chain [1] done processing
02:24:30 - cmdstanpy - INFO - Chain [1] start processing
02:24:30 - cmdstanpy - INFO - Chain [1] done processing
02:24:30 - cmdstanpy - INFO - Chain [1] start processing
02:24:30 - cmdstanpy - INFO - Chain [1] done processing
02:24:31 - cmdstanpy - INFO - Chain [1] start processing
02:24:31 - cmdstanpy - INFO - Chain [1] done processing
02:24:31 - cmdstanpy - INFO - Chain [1] start processing
02:24:31 - cmdstanpy - INFO - Chain [1] done processing
02:24:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:31 - cmdstanpy - INFO - Chain [1] start processing
02:24:31 - cmdstanpy - INFO - Chain [1] done processing
02:24:32 - cmdstanpy - INFO - Chain [1] start processing
02:24:32 - cmdstanpy - INFO - Chain [1] done processing
02:24:32 - cmdstanpy - INFO - Chain [1] start processing
02:24:32 - cmdstanpy - INFO - Chain [1] done processing
02:24:32 - cmdstanpy - INFO - Chain [1] start processing
02:24:32 - cmdstanpy - INFO - Chain [1] done processing
02:24:33 - cmdstanpy - INFO - Chain [1] start processing
02:24:33 - cmdstanpy - INFO - Chain [1] done processing
02:24:33 - cmdstanpy - INFO - Chain [1] start processing
02:24:33 - cmdstanpy - INFO - Chain [1] done processing
02:24:34 - cmdstanpy - INFO - Chain [1] start processing
02:24:34 - cmdstanpy - INFO - Chain [1] done processing
02:24:34 - cmdstanpy - INFO - Chain [1] start processing
02:24:34 - cmdstanpy - INFO - Chain [1] done processing
02:24:34 - cmdstanpy - INFO - Chain [1] start processing
02:24:35 - cmdstanpy - INFO - Chain [1] done processing
02:24:35 - cmdstanpy - INFO - Chain [1] start processing
02:24:35 - cmdstanpy - INFO - Chain [1] done processing
02:24:35 - cmdstanpy - INFO - Chain [1] start processing
02:24:35 - cmdstanpy - INFO - Chain [1] done processing
02:24:36 - cmdstanpy - INFO - Chain [1] start processing
02:24:36 - cmdstanpy - INFO - Chain [1] done processing
02:24:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:36 - cmdstanpy - INFO - Chain [1] start processing
02:24:36 - cmdstanpy - INFO - Chain [1] done processing
02:24:36 - cmdstanpy - INFO - Chain [1] start processing
02:24:36 - cmdstanpy - INFO - Chain [1] done processing
02:24:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:36 - cmdstanpy - INFO - Chain [1] start processing
02:24:37 - cmdstanpy - INFO - Chain [1] done processing
02:24:37 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:24:37 - cmdstanpy - INFO - Chain [1] done processing
02:24:37 - cmdstanpy - INFO - Chain [1] start processing
02:24:37 - cmdstanpy - INFO - Chain [1] done processing
02:24:38 - cmdstanpy - INFO - Chain [1] start processing
02:24:38 - cmdstanpy - INFO - Chain [1] done processing
02:24:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:38 - cmdstanpy - INFO - Chain [1] start processing
02:24:38 - cmdstanpy - INFO - Chain [1] done processing
02:24:38 - cmdstanpy - INFO - Chain [1] start processing
02:24:38 - cmdstanpy - INFO - Chain [1] done processing
02:24:39 - cmdstanpy - INFO - Chain [1] start processing
02:24:39 - cmdstanpy - INFO - Chain [1] done processing
02:24:39 - cmdstanpy - INFO - Chain [1] start processing
02:24:39 - cmdstanpy - INFO - Chain [1] done processing
02:24:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:39 - cmdstanpy - INFO - Chain [1] start processing
02:24:39 - cmdstanpy - INFO - Chain [1] done processing
02:24:40 - cmdstanpy - INFO - Chain [1] start processing
02:24:40 - cmdstanpy - INFO - Chain [1] done processing
02:24:40 - cmdstanpy - INFO - Chain [1] start processing
02:24:40 - cmdstanpy - INFO - Chain [1] done processing
02:24:41 - cmdstanpy - INFO - Chain [1] start processing
02:24:41 - cmdstanpy - INFO - Chain [1] done processing
02:24:41 - cmdstanpy - INFO - Chain [1] start processing
02:24:41 - cmdstanpy - INFO - Chain [1] done processing
02:24:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:41 - cmdstanpy - INFO - Chain [1] start processing
02:24:41 - cmdstanpy - INFO - Chain [1] done processing
02:24:42 - cmdstanpy - INFO - Chain [1] start processing
02:24:42 - cmdstanpy - INFO - Chain [1] done processing
02:24:42 - cmdstanpy - INFO - Chain [1] start processing
02:24:42 - cmdstanpy - INFO - Chain [1] done processing
02:24:42 - cmdstanpy - INFO - Chain [1] start processing
02:24:42 - cmdstanpy - INFO - Chain [1] done processing
02:24:43 - cmdstanpy - INFO - Chain [1] start processing
02:24:43 - cmdstanpy - INFO - Chain [1] done processing
02:24:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:43 - cmdstanpy - INFO - Chain [1] start processing
02:24:43 - cmdstanpy - INFO - Chain [1] done processing
02:24:43 - cmdstanpy - INFO - Chain [1] start processing
02:24:43 - cmdstanpy - INFO - Chain [1] done processing
02:24:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:43 - cmdstanpy - INFO - Chain [1] start processing
02:24:44 - cmdstanpy - INFO - Chain [1] done processing
02:24:44 - cmdstanpy - INFO - Chain [1] start processing
02:24:44 - cmdstanpy - INFO - Chain [1] done processing
02:24:45 - cmdstanpy - INFO - Chain [1] start processing
02:24:45 - cmdstanpy - INFO - Chain [1] done processing
02:24:45 - cmdstanpy - INFO - Chain [1] start processing
02:24:45 - cmdstanpy - INFO - Chain [1] done processing
02:24:46 - cmdstanpy - INFO - Chain [1] start processing
02:24:46 - cmdstanpy - INFO - Chain [1] done processing
02:24:46 - cmdstanpy - INFO - Chain [1] start processing
02:24:46 - cmdstanpy - INFO - Chain [1] done processing
02:24:46 - cmdstanpy - INFO - Chain [1] start processing
02:24:46 - cmdstanpy - INFO - Chain [1] done processing
02:24:47 - cmdstanpy - INFO - Chain [1] start processing
02:24:47 - cmdstanpy - INFO - Chain [1] done processing
02:24:47 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:24:47 - cmdstanpy - INFO - Chain [1] done processing
02:24:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:47 - cmdstanpy - INFO - Chain [1] start processing
02:24:48 - cmdstanpy - INFO - Chain [1] done processing
02:24:48 - cmdstanpy - INFO - Chain [1] start processing
02:24:48 - cmdstanpy - INFO - Chain [1] done processing
02:24:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:48 - cmdstanpy - INFO - Chain [1] start processing
02:24:48 - cmdstanpy - INFO - Chain [1] done processing
02:24:48 - cmdstanpy - INFO - Chain [1] start processing
02:24:48 - cmdstanpy - INFO - Chain [1] done processing
02:24:49 - cmdstanpy - INFO - Chain [1] start processing
02:24:49 - cmdstanpy - INFO - Chain [1] done processing
02:24:49 - cmdstanpy - INFO - Chain [1] start processing
02:24:49 - cmdstanpy - INFO - Chain [1] done processing
02:24:50 - cmdstanpy - INFO - Chain [1] start processing
02:24:50 - cmdstanpy - INFO - Chain [1] done processing
02:24:50 - cmdstanpy - INFO - Chain [1] start processing
02:24:50 - cmdstanpy - INFO - Chain [1] done processing
02:24:50 - cmdstanpy - INFO - Chain [1] start processing
02:24:51 - cmdstanpy - INFO - Chain [1] done processing
02:24:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:51 - cmdstanpy - INFO - Chain [1] start processing
02:24:51 - cmdstanpy - INFO - Chain [1] done processing
02:24:51 - cmdstanpy - INFO - Chain [1] start processing
02:24:51 - cmdstanpy - INFO - Chain [1] done processing
02:24:52 - cmdstanpy - INFO - Chain [1] start processing
02:24:52 - cmdstanpy - INFO - Chain [1] done processing
02:24:52 - cmdstanpy - INFO - Chain [1] start processing
02:24:52 - cmdstanpy - INFO - Chain [1] done processing
02:24:52 - cmdstanpy - INFO - Chain [1] start processing
02:24:52 - cmdstanpy - INFO - Chain [1] done processing
02:24:53 - cmdstanpy - INFO - Chain [1] start processing
02:24:53 - cmdstanpy - INFO - Chain [1] done processing
02:24:53 - cmdstanpy - INFO - Chain [1] start processing
02:24:53 - cmdstanpy - INFO - Chain [1] done processing
02:24:54 - cmdstanpy - INFO - Chain [1] start processing
02:24:54 - cmdstanpy - INFO - Chain [1] done processing
02:24:54 - cmdstanpy - INFO - Chain [1] start processing
02:24:54 - cmdstanpy - INFO - Chain [1] done processing
02:24:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:54 - cmdstanpy - INFO - Chain [1] start processing
02:24:54 - cmdstanpy - INFO - Chain [1] done processing
02:24:55 - cmdstanpy - INFO - Chain [1] start processing
02:24:55 - cmdstanpy - INFO - Chain [1] done processing
02:24:55 - cmdstanpy - INFO - Chain [1] start processing
02:24:55 - cmdstanpy - INFO - Chain [1] done processing
02:24:56 - cmdstanpy - INFO - Chain [1] start processing
02:24:56 - cmdstanpy - INFO - Chain [1] done processing
02:24:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:56 - cmdstanpy - INFO - Chain [1] start processing
02:24:56 - cmdstanpy - INFO - Chain [1] done processing
02:24:56 - cmdstanpy - INFO - Chain [1] start processing
02:24:56 - cmdstanpy - INFO - Chain [1] done processing
02:24:57 - cmdstanpy - INFO - Chain [1] start processing
02:24:57 - cmdstanpy - INFO - Chain [1] done processing
02:24:57 - cmdstanpy - INFO - Chain [1] start processing
02:24:57 - cmdstanpy - INFO - Chain [1] done processing
02:24:58 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:24:58 - cmdstanpy - INFO - Chain [1] done processing
02:24:58 - cmdstanpy - INFO - Chain [1] start processing
02:24:58 - cmdstanpy - INFO - Chain [1] done processing
02:24:58 - cmdstanpy - INFO - Chain [1] start processing
02:24:58 - cmdstanpy - INFO - Chain [1] done processing
02:24:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:24:58 - cmdstanpy - INFO - Chain [1] start processing
02:24:59 - cmdstanpy - INFO - Chain [1] done processing
02:24:59 - cmdstanpy - INFO - Chain [1] start processing
02:24:59 - cmdstanpy - INFO - Chain [1] done processing
02:24:59 - cmdstanpy - INFO - Chain [1] start processing
02:24:59 - cmdstanpy - INFO - Chain [1] done processing
02:25:00 - cmdstanpy - INFO - Chain [1] start processing
02:25:00 - cmdstanpy - INFO - Chain [1] done processing
02:25:00 - cmdstanpy - INFO - Chain [1] start processing
02:25:00 - cmdstanpy - INFO - Chain [1] done processing
02:25:01 - cmdstanpy - INFO - Chain [1] start processing
02:25:01 - cmdstanpy - INFO - Chain [1] done processing
02:25:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:01 - cmdstanpy - INFO - Chain [1] start processing
02:25:01 - cmdstanpy - INFO - Chain [1] done processing
02:25:01 - cmdstanpy - INFO - Chain [1] start processing
02:25:02 - cmdstanpy - INFO - Chain [1] done processing
02:25:02 - cmdstanpy - INFO - Chain [1] start processing
02:25:02 - cmdstanpy - INFO - Chain [1] done processing
02:25:02 - cmdstanpy - INFO - Chain [1] start processing
02:25:02 - cmdstanpy - INFO - Chain [1] done processing
02:25:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:02 - cmdstanpy - INFO - Chain [1] start processing
02:25:03 - cmdstanpy - INFO - Chain [1] done processing
02:25:03 - cmdstanpy - INFO - Chain [1] start processing
02:25:03 - cmdstanpy - INFO - Chain [1] done processing
02:25:04 - cmdstanpy - INFO - Chain [1] start processing
02:25:04 - cmdstanpy - INFO - Chain [1] done processing
02:25:04 - cmdstanpy - INFO - Chain [1] start processing
02:25:04 - cmdstanpy - INFO - Chain [1] done processing
02:25:04 - cmdstanpy - INFO - Chain [1] start processing
02:25:04 - cmdstanpy - INFO - Chain [1] done processing
02:25:05 - cmdstanpy - INFO - Chain [1] start processing
02:25:05 - cmdstanpy - INFO - Chain [1] done processing
02:25:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:05 - cmdstanpy - INFO - Chain [1] start processing
02:25:05 - cmdstanpy - INFO - Chain [1] done processing
02:25:06 - cmdstanpy - INFO - Chain [1] start processing
02:25:06 - cmdstanpy - INFO - Chain [1] done processing
02:25:06 - cmdstanpy - INFO - Chain [1] start processing
02:25:06 - cmdstanpy - INFO - Chain [1] done processing
02:25:06 - cmdstanpy - INFO - Chain [1] start processing
02:25:06 - cmdstanpy - INFO - Chain [1] done processing
02:25:07 - cmdstanpy - INFO - Chain [1] start processing
02:25:07 - cmdstanpy - INFO - Chain [1] done processing
02:25:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:07 - cmdstanpy - INFO - Chain [1] start processing
02:25:07 - cmdstanpy - INFO - Chain [1] done processing
02:25:07 - cmdstanpy - INFO - Chain [1] start processing
02:25:07 - cmdstanpy - INFO - Chain [1] done processing
02:25:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:07 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:25:08 - cmdstanpy - INFO - Chain [1] done processing
02:25:08 - cmdstanpy - INFO - Chain [1] start processing
02:25:08 - cmdstanpy - INFO - Chain [1] done processing
02:25:08 - cmdstanpy - INFO - Chain [1] start processing
02:25:08 - cmdstanpy - INFO - Chain [1] done processing
02:25:09 - cmdstanpy - INFO - Chain [1] start processing
02:25:09 - cmdstanpy - INFO - Chain [1] done processing
02:25:09 - cmdstanpy - INFO - Chain [1] start processing
02:25:09 - cmdstanpy - INFO - Chain [1] done processing
02:25:10 - cmdstanpy - INFO - Chain [1] start processing
02:25:10 - cmdstanpy - INFO - Chain [1] done processing
02:25:10 - cmdstanpy - INFO - Chain [1] start processing
02:25:10 - cmdstanpy - INFO - Chain [1] done processing
02:25:10 - cmdstanpy - INFO - Chain [1] start processing
02:25:10 - cmdstanpy - INFO - Chain [1] done processing
02:25:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:10 - cmdstanpy - INFO - Chain [1] start processing
02:25:11 - cmdstanpy - INFO - Chain [1] done processing
02:25:11 - cmdstanpy - INFO - Chain [1] start processing
02:25:11 - cmdstanpy - INFO - Chain [1] done processing
02:25:12 - cmdstanpy - INFO - Chain [1] start processing
02:25:12 - cmdstanpy - INFO - Chain [1] done processing
02:25:12 - cmdstanpy - INFO - Chain [1] start processing
02:25:12 - cmdstanpy - INFO - Chain [1] done processing
02:25:12 - cmdstanpy - INFO - Chain [1] start processing
02:25:12 - cmdstanpy - INFO - Chain [1] done processing
02:25:13 - cmdstanpy - INFO - Chain [1] start processing
02:25:13 - cmdstanpy - INFO - Chain [1] done processing
02:25:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:13 - cmdstanpy - INFO - Chain [1] start processing
02:25:13 - cmdstanpy - INFO - Chain [1] done processing
02:25:13 - cmdstanpy - INFO - Chain [1] start processing
02:25:14 - cmdstanpy - INFO - Chain [1] done processing
02:25:14 - cmdstanpy - INFO - Chain [1] start processing
02:25:14 - cmdstanpy - INFO - Chain [1] done processing
02:25:14 - cmdstanpy - INFO - Chain [1] start processing
02:25:14 - cmdstanpy - INFO - Chain [1] done processing
02:25:15 - cmdstanpy - INFO - Chain [1] start processing
02:25:15 - cmdstanpy - INFO - Chain [1] done processing
02:25:15 - cmdstanpy - INFO - Chain [1] start processing
02:25:15 - cmdstanpy - INFO - Chain [1] done processing
02:25:15 - cmdstanpy - INFO - Chain [1] start processing
02:25:16 - cmdstanpy - INFO - Chain [1] done processing
02:25:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:16 - cmdstanpy - INFO - Chain [1] start processing
02:25:16 - cmdstanpy - INFO - Chain [1] done processing
02:25:16 - cmdstanpy - INFO - Chain [1] start processing
02:25:16 - cmdstanpy - INFO - Chain [1] done processing
02:25:17 - cmdstanpy - INFO - Chain [1] start processing
02:25:17 - cmdstanpy - INFO - Chain [1] done processing
02:25:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:17 - cmdstanpy - INFO - Chain [1] start processing
02:25:17 - cmdstanpy - INFO - Chain [1] done processing
02:25:17 - cmdstanpy - INFO - Chain [1] start processing
02:25:17 - cmdstanpy - INFO - Chain [1] done processing
02:25:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:17 - cmdstanpy - INFO - Chain [1] start processing
02:25:18 - cmdstanpy - INFO - Chain [1] done processing
02:25:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:25:18 - cmdstanpy - INFO - Chain [1] done processing
02:25:18 - cmdstanpy - INFO - Chain [1] start processing
02:25:18 - cmdstanpy - INFO - Chain [1] done processing
02:25:19 - cmdstanpy - INFO - Chain [1] start processing
02:25:19 - cmdstanpy - INFO - Chain [1] done processing
02:25:19 - cmdstanpy - INFO - Chain [1] start processing
02:25:20 - cmdstanpy - INFO - Chain [1] done processing
02:25:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:20 - cmdstanpy - INFO - Chain [1] start processing
02:25:20 - cmdstanpy - INFO - Chain [1] done processing
02:25:20 - cmdstanpy - INFO - Chain [1] start processing
02:25:20 - cmdstanpy - INFO - Chain [1] done processing
02:25:20 - cmdstanpy - INFO - Chain [1] start processing
02:25:21 - cmdstanpy - INFO - Chain [1] done processing
02:25:21 - cmdstanpy - INFO - Chain [1] start processing
02:25:21 - cmdstanpy - INFO - Chain [1] done processing
02:25:21 - cmdstanpy - INFO - Chain [1] start processing
02:25:21 - cmdstanpy - INFO - Chain [1] done processing
02:25:22 - cmdstanpy - INFO - Chain [1] start processing
02:25:22 - cmdstanpy - INFO - Chain [1] done processing
02:25:22 - cmdstanpy - INFO - Chain [1] start processing
02:25:22 - cmdstanpy - INFO - Chain [1] done processing
02:25:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:22 - cmdstanpy - INFO - Chain [1] start processing
02:25:23 - cmdstanpy - INFO - Chain [1] done processing
02:25:23 - cmdstanpy - INFO - Chain [1] start processing
02:25:23 - cmdstanpy - INFO - Chain [1] done processing
02:25:23 - cmdstanpy - INFO - Chain [1] start processing
02:25:23 - cmdstanpy - INFO - Chain [1] done processing
02:25:24 - cmdstanpy - INFO - Chain [1] start processing
02:25:24 - cmdstanpy - INFO - Chain [1] done processing
02:25:24 - cmdstanpy - INFO - Chain [1] start processing
02:25:24 - cmdstanpy - INFO - Chain [1] done processing
02:25:25 - cmdstanpy - INFO - Chain [1] start processing
02:25:25 - cmdstanpy - INFO - Chain [1] done processing
02:25:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:25 - cmdstanpy - INFO - Chain [1] start processing
02:25:25 - cmdstanpy - INFO - Chain [1] done processing
02:25:25 - cmdstanpy - INFO - Chain [1] start processing
02:25:25 - cmdstanpy - INFO - Chain [1] done processing
02:25:26 - cmdstanpy - INFO - Chain [1] start processing
02:25:26 - cmdstanpy - INFO - Chain [1] done processing
02:25:26 - cmdstanpy - INFO - Chain [1] start processing
02:25:26 - cmdstanpy - INFO - Chain [1] done processing
02:25:26 - cmdstanpy - INFO - Chain [1] start processing
02:25:26 - cmdstanpy - INFO - Chain [1] done processing
02:25:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:26 - cmdstanpy - INFO - Chain [1] start processing
02:25:27 - cmdstanpy - INFO - Chain [1] done processing
02:25:27 - cmdstanpy - INFO - Chain [1] start processing
02:25:27 - cmdstanpy - INFO - Chain [1] done processing
02:25:27 - cmdstanpy - INFO - Chain [1] start processing
02:25:27 - cmdstanpy - INFO - Chain [1] done processing
02:25:28 - cmdstanpy - INFO - Chain [1] start processing
02:25:28 - cmdstanpy - INFO - Chain [1] done processing
02:25:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:28 - cmdstanpy - INFO - Chain [1] start processing
02:25:28 - cmdstanpy - INFO - Chain [1] done processing
02:25:29 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:25:29 - cmdstanpy - INFO - Chain [1] done processing
02:25:29 - cmdstanpy - INFO - Chain [1] start processing
02:25:29 - cmdstanpy - INFO - Chain [1] done processing
02:25:29 - cmdstanpy - INFO - Chain [1] start processing
02:25:29 - cmdstanpy - INFO - Chain [1] done processing
02:25:30 - cmdstanpy - INFO - Chain [1] start processing
02:25:30 - cmdstanpy - INFO - Chain [1] done processing
02:25:30 - cmdstanpy - INFO - Chain [1] start processing
02:25:30 - cmdstanpy - INFO - Chain [1] done processing
02:25:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:30 - cmdstanpy - INFO - Chain [1] start processing
02:25:30 - cmdstanpy - INFO - Chain [1] done processing
02:25:31 - cmdstanpy - INFO - Chain [1] start processing
02:25:31 - cmdstanpy - INFO - Chain [1] done processing
02:25:31 - cmdstanpy - INFO - Chain [1] start processing
02:25:31 - cmdstanpy - INFO - Chain [1] done processing
02:25:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:31 - cmdstanpy - INFO - Chain [1] start processing
02:25:32 - cmdstanpy - INFO - Chain [1] done processing
02:25:32 - cmdstanpy - INFO - Chain [1] start processing
02:25:32 - cmdstanpy - INFO - Chain [1] done processing
02:25:32 - cmdstanpy - INFO - Chain [1] start processing
02:25:32 - cmdstanpy - INFO - Chain [1] done processing
02:25:33 - cmdstanpy - INFO - Chain [1] start processing
02:25:33 - cmdstanpy - INFO - Chain [1] done processing
02:25:33 - cmdstanpy - INFO - Chain [1] start processing
02:25:33 - cmdstanpy - INFO - Chain [1] done processing
02:25:33 - cmdstanpy - INFO - Chain [1] start processing
02:25:34 - cmdstanpy - INFO - Chain [1] done processing
02:25:36 - cmdstanpy - INFO - Chain [1] start processing
02:25:36 - cmdstanpy - INFO - Chain [1] done processing
02:25:36 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:36 - cmdstanpy - INFO - Chain [1] start processing
02:25:36 - cmdstanpy - INFO - Chain [1] done processing
02:25:37 - cmdstanpy - INFO - Chain [1] start processing
02:25:37 - cmdstanpy - INFO - Chain [1] done processing
02:25:37 - cmdstanpy - INFO - Chain [1] start processing
02:25:37 - cmdstanpy - INFO - Chain [1] done processing
02:25:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:37 - cmdstanpy - INFO - Chain [1] start processing
02:25:37 - cmdstanpy - INFO - Chain [1] done processing
02:25:38 - cmdstanpy - INFO - Chain [1] start processing
02:25:38 - cmdstanpy - INFO - Chain [1] done processing
02:25:38 - cmdstanpy - INFO - Chain [1] start processing
02:25:38 - cmdstanpy - INFO - Chain [1] done processing
02:25:38 - cmdstanpy - INFO - Chain [1] start processing
02:25:39 - cmdstanpy - INFO - Chain [1] done processing
02:25:39 - cmdstanpy - INFO - Chain [1] start processing
02:25:39 - cmdstanpy - INFO - Chain [1] done processing
02:25:39 - cmdstanpy - INFO - Chain [1] start processing
02:25:39 - cmdstanpy - INFO - Chain [1] done processing
02:25:40 - cmdstanpy - INFO - Chain [1] start processing
02:25:40 - cmdstanpy - INFO - Chain [1] done processing
02:25:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:40 - cmdstanpy - INFO - Chain [1] start processing
02:25:40 - cmdstanpy - INFO - Chain [1] done processing
02:25:40 - cmdstanpy - INFO - Chain [1] start processing
02:25:40 - cmdstanpy - INFO - Chain [1] done processing
02:25:41 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:25:41 - cmdstanpy - INFO - Chain [1] done processing
02:25:41 - cmdstanpy - INFO - Chain [1] start processing
02:25:41 - cmdstanpy - INFO - Chain [1] done processing
02:25:42 - cmdstanpy - INFO - Chain [1] start processing
02:25:42 - cmdstanpy - INFO - Chain [1] done processing
02:25:42 - cmdstanpy - INFO - Chain [1] start processing
02:25:42 - cmdstanpy - INFO - Chain [1] done processing
02:25:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:42 - cmdstanpy - INFO - Chain [1] start processing
02:25:42 - cmdstanpy - INFO - Chain [1] done processing
02:25:43 - cmdstanpy - INFO - Chain [1] start processing
02:25:43 - cmdstanpy - INFO - Chain [1] done processing
02:25:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:43 - cmdstanpy - INFO - Chain [1] start processing
02:25:43 - cmdstanpy - INFO - Chain [1] done processing
02:25:43 - cmdstanpy - INFO - Chain [1] start processing
02:25:43 - cmdstanpy - INFO - Chain [1] done processing
02:25:44 - cmdstanpy - INFO - Chain [1] start processing
02:25:44 - cmdstanpy - INFO - Chain [1] done processing
02:25:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:44 - cmdstanpy - INFO - Chain [1] start processing
02:25:44 - cmdstanpy - INFO - Chain [1] done processing
02:25:44 - cmdstanpy - INFO - Chain [1] start processing
02:25:44 - cmdstanpy - INFO - Chain [1] done processing
02:25:45 - cmdstanpy - INFO - Chain [1] start processing
02:25:45 - cmdstanpy - INFO - Chain [1] done processing
02:25:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:45 - cmdstanpy - INFO - Chain [1] start processing
02:25:45 - cmdstanpy - INFO - Chain [1] done processing
02:25:45 - cmdstanpy - INFO - Chain [1] start processing
02:25:46 - cmdstanpy - INFO - Chain [1] done processing
02:25:46 - cmdstanpy - INFO - Chain [1] start processing
02:25:46 - cmdstanpy - INFO - Chain [1] done processing
02:25:46 - cmdstanpy - INFO - Chain [1] start processing
02:25:46 - cmdstanpy - INFO - Chain [1] done processing
02:25:47 - cmdstanpy - INFO - Chain [1] start processing
02:25:47 - cmdstanpy - INFO - Chain [1] done processing
02:25:47 - cmdstanpy - INFO - Chain [1] start processing
02:25:47 - cmdstanpy - INFO - Chain [1] done processing
02:25:48 - cmdstanpy - INFO - Chain [1] start processing
02:25:48 - cmdstanpy - INFO - Chain [1] done processing
02:25:48 - cmdstanpy - INFO - Chain [1] start processing
02:25:48 - cmdstanpy - INFO - Chain [1] done processing
02:25:48 - cmdstanpy - INFO - Chain [1] start processing
02:25:48 - cmdstanpy - INFO - Chain [1] done processing
02:25:49 - cmdstanpy - INFO - Chain [1] start processing
02:25:49 - cmdstanpy - INFO - Chain [1] done processing
02:25:49 - cmdstanpy - INFO - Chain [1] start processing
02:25:49 - cmdstanpy - INFO - Chain [1] done processing
02:25:50 - cmdstanpy - INFO - Chain [1] start processing
02:25:50 - cmdstanpy - INFO - Chain [1] done processing
02:25:50 - cmdstanpy - INFO - Chain [1] start processing
02:25:50 - cmdstanpy - INFO - Chain [1] done processing
02:25:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:50 - cmdstanpy - INFO - Chain [1] start processing
02:25:50 - cmdstanpy - INFO - Chain [1] done processing
02:25:51 - cmdstanpy - INFO - Chain [1] start processing
02:25:51 - cmdstanpy - INFO - Chain [1] done processing
02:25:51 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:25:51 - cmdstanpy - INFO - Chain [1] done processing
02:25:52 - cmdstanpy - INFO - Chain [1] start processing
02:25:52 - cmdstanpy - INFO - Chain [1] done processing
02:25:52 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:52 - cmdstanpy - INFO - Chain [1] start processing
02:25:52 - cmdstanpy - INFO - Chain [1] done processing
02:25:52 - cmdstanpy - INFO - Chain [1] start processing
02:25:52 - cmdstanpy - INFO - Chain [1] done processing
02:25:53 - cmdstanpy - INFO - Chain [1] start processing
02:25:53 - cmdstanpy - INFO - Chain [1] done processing
02:25:53 - cmdstanpy - INFO - Chain [1] start processing
02:25:53 - cmdstanpy - INFO - Chain [1] done processing
02:25:54 - cmdstanpy - INFO - Chain [1] start processing
02:25:54 - cmdstanpy - INFO - Chain [1] done processing
02:25:54 - cmdstanpy - INFO - Chain [1] start processing
02:25:54 - cmdstanpy - INFO - Chain [1] done processing
02:25:55 - cmdstanpy - INFO - Chain [1] start processing
02:25:55 - cmdstanpy - INFO - Chain [1] done processing
02:25:55 - cmdstanpy - INFO - Chain [1] start processing
02:25:55 - cmdstanpy - INFO - Chain [1] done processing
02:25:56 - cmdstanpy - INFO - Chain [1] start processing
02:25:56 - cmdstanpy - INFO - Chain [1] done processing
02:25:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:56 - cmdstanpy - INFO - Chain [1] start processing
02:25:56 - cmdstanpy - INFO - Chain [1] done processing
02:25:56 - cmdstanpy - INFO - Chain [1] start processing
02:25:56 - cmdstanpy - INFO - Chain [1] done processing
02:25:57 - cmdstanpy - INFO - Chain [1] start processing
02:25:57 - cmdstanpy - INFO - Chain [1] done processing
02:25:57 - cmdstanpy - INFO - Chain [1] start processing
02:25:57 - cmdstanpy - INFO - Chain [1] done processing
02:25:58 - cmdstanpy - INFO - Chain [1] start processing
02:25:58 - cmdstanpy - INFO - Chain [1] done processing
02:25:58 - cmdstanpy - INFO - Chain [1] start processing
02:25:58 - cmdstanpy - INFO - Chain [1] done processing
02:25:58 - cmdstanpy - INFO - Chain [1] start processing
02:25:59 - cmdstanpy - INFO - Chain [1] done processing
02:25:59 - cmdstanpy - INFO - Chain [1] start processing
02:25:59 - cmdstanpy - INFO - Chain [1] done processing
02:25:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:25:59 - cmdstanpy - INFO - Chain [1] start processing
02:25:59 - cmdstanpy - INFO - Chain [1] done processing
02:26:00 - cmdstanpy - INFO - Chain [1] start processing
02:26:00 - cmdstanpy - INFO - Chain [1] done processing
02:26:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:00 - cmdstanpy - INFO - Chain [1] start processing
02:26:00 - cmdstanpy - INFO - Chain [1] done processing
02:26:00 - cmdstanpy - INFO - Chain [1] start processing
02:26:00 - cmdstanpy - INFO - Chain [1] done processing
02:26:01 - cmdstanpy - INFO - Chain [1] start processing
02:26:01 - cmdstanpy - INFO - Chain [1] done processing
02:26:01 - cmdstanpy - INFO - Chain [1] start processing
02:26:01 - cmdstanpy - INFO - Chain [1] done processing
02:26:02 - cmdstanpy - INFO - Chain [1] start processing
02:26:02 - cmdstanpy - INFO - Chain [1] done processing
02:26:02 - cmdstanpy - INFO - Chain [1] start processing
02:26:02 - cmdstanpy - INFO - Chain [1] done processing
02:26:02 - cmdstanpy - INFO - Chain [1] start processing
02:26:02 - cmdstanpy - INFO - Chain [1] done processing
02:26:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:26:02 - cmdstanpy - INFO - Chain [1] start processing
02:26:03 - cmdstanpy - INFO - Chain [1] done processing
02:26:03 - cmdstanpy - INFO - Chain [1] start processing
02:26:03 - cmdstanpy - INFO - Chain [1] done processing
02:26:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:03 - cmdstanpy - INFO - Chain [1] start processing
02:26:03 - cmdstanpy - INFO - Chain [1] done processing
02:26:04 - cmdstanpy - INFO - Chain [1] start processing
02:26:04 - cmdstanpy - INFO - Chain [1] done processing
02:26:04 - cmdstanpy - INFO - Chain [1] start processing
02:26:04 - cmdstanpy - INFO - Chain [1] done processing
02:26:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:04 - cmdstanpy - INFO - Chain [1] start processing
02:26:04 - cmdstanpy - INFO - Chain [1] done processing
02:26:05 - cmdstanpy - INFO - Chain [1] start processing
02:26:05 - cmdstanpy - INFO - Chain [1] done processing
02:26:05 - cmdstanpy - INFO - Chain [1] start processing
02:26:05 - cmdstanpy - INFO - Chain [1] done processing
02:26:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:05 - cmdstanpy - INFO - Chain [1] start processing
02:26:05 - cmdstanpy - INFO - Chain [1] done processing
02:26:06 - cmdstanpy - INFO - Chain [1] start processing
02:26:06 - cmdstanpy - INFO - Chain [1] done processing
02:26:06 - cmdstanpy - INFO - Chain [1] start processing
02:26:06 - cmdstanpy - INFO - Chain [1] done processing
02:26:06 - cmdstanpy - INFO - Chain [1] start processing
02:26:06 - cmdstanpy - INFO - Chain [1] done processing
02:26:07 - cmdstanpy - INFO - Chain [1] start processing
02:26:07 - cmdstanpy - INFO - Chain [1] done processing
02:26:07 - cmdstanpy - INFO - Chain [1] start processing
02:26:07 - cmdstanpy - INFO - Chain [1] done processing
02:26:08 - cmdstanpy - INFO - Chain [1] start processing
02:26:08 - cmdstanpy - INFO - Chain [1] done processing
02:26:08 - cmdstanpy - INFO - Chain [1] start processing
02:26:08 - cmdstanpy - INFO - Chain [1] done processing
02:26:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:08 - cmdstanpy - INFO - Chain [1] start processing
02:26:08 - cmdstanpy - INFO - Chain [1] done processing
02:26:09 - cmdstanpy - INFO - Chain [1] start processing
02:26:09 - cmdstanpy - INFO - Chain [1] done processing
02:26:09 - cmdstanpy - INFO - Chain [1] start processing
02:26:09 - cmdstanpy - INFO - Chain [1] done processing
02:26:09 - cmdstanpy - INFO - Chain [1] start processing
02:26:10 - cmdstanpy - INFO - Chain [1] done processing
02:26:10 - cmdstanpy - INFO - Chain [1] start processing
02:26:10 - cmdstanpy - INFO - Chain [1] done processing
02:26:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:10 - cmdstanpy - INFO - Chain [1] start processing
02:26:10 - cmdstanpy - INFO - Chain [1] done processing
02:26:11 - cmdstanpy - INFO - Chain [1] start processing
02:26:11 - cmdstanpy - INFO - Chain [1] done processing
02:26:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:11 - cmdstanpy - INFO - Chain [1] start processing
02:26:11 - cmdstanpy - INFO - Chain [1] done processing
02:26:11 - cmdstanpy - INFO - Chain [1] start processing
02:26:11 - cmdstanpy - INFO - Chain [1] done processing
02:26:11 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:26:12 - cmdstanpy - INFO - Chain [1] done processing
02:26:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:12 - cmdstanpy - INFO - Chain [1] start processing
02:26:12 - cmdstanpy - INFO - Chain [1] done processing
02:26:12 - cmdstanpy - INFO - Chain [1] start processing
02:26:12 - cmdstanpy - INFO - Chain [1] done processing
02:26:12 - cmdstanpy - INFO - Chain [1] start processing
02:26:13 - cmdstanpy - INFO - Chain [1] done processing
02:26:13 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:13 - cmdstanpy - INFO - Chain [1] start processing
02:26:13 - cmdstanpy - INFO - Chain [1] done processing
02:26:13 - cmdstanpy - INFO - Chain [1] start processing
02:26:13 - cmdstanpy - INFO - Chain [1] done processing
02:26:14 - cmdstanpy - INFO - Chain [1] start processing
02:26:14 - cmdstanpy - INFO - Chain [1] done processing
02:26:14 - cmdstanpy - INFO - Chain [1] start processing
02:26:14 - cmdstanpy - INFO - Chain [1] done processing
02:26:14 - cmdstanpy - INFO - Chain [1] start processing
02:26:14 - cmdstanpy - INFO - Chain [1] done processing
02:26:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:14 - cmdstanpy - INFO - Chain [1] start processing
02:26:15 - cmdstanpy - INFO - Chain [1] done processing
02:26:15 - cmdstanpy - INFO - Chain [1] start processing
02:26:15 - cmdstanpy - INFO - Chain [1] done processing
02:26:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:15 - cmdstanpy - INFO - Chain [1] start processing
02:26:15 - cmdstanpy - INFO - Chain [1] done processing
02:26:16 - cmdstanpy - INFO - Chain [1] start processing
02:26:16 - cmdstanpy - INFO - Chain [1] done processing
02:26:16 - cmdstanpy - INFO - Chain [1] start processing
02:26:16 - cmdstanpy - INFO - Chain [1] done processing
02:26:16 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:16 - cmdstanpy - INFO - Chain [1] start processing
02:26:16 - cmdstanpy - INFO - Chain [1] done processing
02:26:17 - cmdstanpy - INFO - Chain [1] start processing
02:26:17 - cmdstanpy - INFO - Chain [1] done processing
02:26:17 - cmdstanpy - INFO - Chain [1] start processing
02:26:17 - cmdstanpy - INFO - Chain [1] done processing
02:26:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:17 - cmdstanpy - INFO - Chain [1] start processing
02:26:17 - cmdstanpy - INFO - Chain [1] done processing
02:26:18 - cmdstanpy - INFO - Chain [1] start processing
02:26:18 - cmdstanpy - INFO - Chain [1] done processing
02:26:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:18 - cmdstanpy - INFO - Chain [1] start processing
02:26:18 - cmdstanpy - INFO - Chain [1] done processing
02:26:18 - cmdstanpy - INFO - Chain [1] start processing
02:26:18 - cmdstanpy - INFO - Chain [1] done processing
02:26:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:19 - cmdstanpy - INFO - Chain [1] start processing
02:26:19 - cmdstanpy - INFO - Chain [1] done processing
02:26:19 - cmdstanpy - INFO - Chain [1] start processing
02:26:19 - cmdstanpy - INFO - Chain [1] done processing
02:26:20 - cmdstanpy - INFO - Chain [1] start processing
02:26:20 - cmdstanpy - INFO - Chain [1] done processing
02:26:20 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:26:20 - cmdstanpy - INFO - Chain [1] start processing
02:26:20 - cmdstanpy - INFO - Chain [1] done processing
02:26:21 - cmdstanpy - INFO - Chain [1] start processing
02:26:21 - cmdstanpy - INFO - Chain [1] done processing
02:26:21 - cmdstanpy - INFO - Chain [1] start processing
02:26:21 - cmdstanpy - INFO - Chain [1] done processing
02:26:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:21 - cmdstanpy - INFO - Chain [1] start processing
02:26:21 - cmdstanpy - INFO - Chain [1] done processing
02:26:22 - cmdstanpy - INFO - Chain [1] start processing
02:26:22 - cmdstanpy - INFO - Chain [1] done processing
02:26:22 - cmdstanpy - INFO - Chain [1] start processing
02:26:22 - cmdstanpy - INFO - Chain [1] done processing
02:26:22 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:22 - cmdstanpy - INFO - Chain [1] start processing
02:26:22 - cmdstanpy - INFO - Chain [1] done processing
02:26:23 - cmdstanpy - INFO - Chain [1] start processing
02:26:23 - cmdstanpy - INFO - Chain [1] done processing
02:26:23 - cmdstanpy - INFO - Chain [1] start processing
02:26:23 - cmdstanpy - INFO - Chain [1] done processing
02:26:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:23 - cmdstanpy - INFO - Chain [1] start processing
02:26:24 - cmdstanpy - INFO - Chain [1] done processing
02:26:24 - cmdstanpy - INFO - Chain [1] start processing
02:26:24 - cmdstanpy - INFO - Chain [1] done processing
02:26:24 - cmdstanpy - INFO - Chain [1] start processing
02:26:24 - cmdstanpy - INFO - Chain [1] done processing
02:26:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:24 - cmdstanpy - INFO - Chain [1] start processing
02:26:25 - cmdstanpy - INFO - Chain [1] done processing
02:26:25 - cmdstanpy - INFO - Chain [1] start processing
02:26:25 - cmdstanpy - INFO - Chain [1] done processing
02:26:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:25 - cmdstanpy - INFO - Chain [1] start processing
02:26:25 - cmdstanpy - INFO - Chain [1] done processing
02:26:26 - cmdstanpy - INFO - Chain [1] start processing
02:26:26 - cmdstanpy - INFO - Chain [1] done processing
02:26:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:26 - cmdstanpy - INFO - Chain [1] start processing
02:26:26 - cmdstanpy - INFO - Chain [1] done processing
02:26:26 - cmdstanpy - INFO - Chain [1] start processing
02:26:26 - cmdstanpy - INFO - Chain [1] done processing
02:26:27 - cmdstanpy - INFO - Chain [1] start processing
02:26:27 - cmdstanpy - INFO - Chain [1] done processing
02:26:27 - cmdstanpy - INFO - Chain [1] start processing
02:26:27 - cmdstanpy - INFO - Chain [1] done processing
02:26:27 - cmdstanpy - INFO - Chain [1] start processing
02:26:28 - cmdstanpy - INFO - Chain [1] done processing
02:26:28 - cmdstanpy - INFO - Chain [1] start processing
02:26:28 - cmdstanpy - INFO - Chain [1] done processing
02:26:28 - cmdstanpy - INFO - Chain [1] start processing
02:26:28 - cmdstanpy - INFO - Chain [1] done processing
02:26:28 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:28 - cmdstanpy - INFO - Chain [1] start processing
02:26:29 - cmdstanpy - INFO - Chain [1] done processing
02:26:29 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:26:29 - cmdstanpy - INFO - Chain [1] done processing
02:26:29 - cmdstanpy - INFO - Chain [1] start processing
02:26:29 - cmdstanpy - INFO - Chain [1] done processing
02:26:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:29 - cmdstanpy - INFO - Chain [1] start processing
02:26:30 - cmdstanpy - INFO - Chain [1] done processing
02:26:30 - cmdstanpy - INFO - Chain [1] start processing
02:26:30 - cmdstanpy - INFO - Chain [1] done processing
02:26:30 - cmdstanpy - INFO - Chain [1] start processing
02:26:30 - cmdstanpy - INFO - Chain [1] done processing
02:26:31 - cmdstanpy - INFO - Chain [1] start processing
02:26:31 - cmdstanpy - INFO - Chain [1] done processing
02:26:31 - cmdstanpy - INFO - Chain [1] start processing
02:26:31 - cmdstanpy - INFO - Chain [1] done processing
02:26:32 - cmdstanpy - INFO - Chain [1] start processing
02:26:32 - cmdstanpy - INFO - Chain [1] done processing
02:26:32 - cmdstanpy - INFO - Chain [1] start processing
02:26:32 - cmdstanpy - INFO - Chain [1] done processing
02:26:32 - cmdstanpy - INFO - Chain [1] start processing
02:26:33 - cmdstanpy - INFO - Chain [1] done processing
02:26:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:33 - cmdstanpy - INFO - Chain [1] start processing
02:26:33 - cmdstanpy - INFO - Chain [1] done processing
02:26:33 - cmdstanpy - INFO - Chain [1] start processing
02:26:33 - cmdstanpy - INFO - Chain [1] done processing
02:26:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:26:33 - cmdstanpy - INFO - Chain [1] start processing
02:26:34 - cmdstanpy - INFO - Chain [1] done processing
02:26:34 - cmdstanpy - INFO - Chain [1] start processing
02:26:34 - cmdstanpy - INFO - Chain [1] done processing
02:26:34 - cmdstanpy - INFO - Chain [1] start processing
02:26:34 - cmdstanpy - INFO - Chain [1] done processing
02:26:35 - cmdstanpy - INFO - Chain [1] start processing
02:26:35 - cmdstanpy - INFO - Chain [1] done processing
02:26:35 - cmdstanpy - INFO - Chain [1] start processing
02:26:35 - cmdstanpy - INFO - Chain [1] done processing
02:26:35 - cmdstanpy - INFO - Chain [1] start processing
02:26:36 - cmdstanpy - INFO - Chain [1] done processing
02:26:36 - cmdstanpy - INFO - Chain [1] start processing
02:26:36 - cmdstanpy - INFO - Chain [1] done processing
02:26:36 - cmdstanpy - INFO - Chain [1] start processing
02:26:37 - cmdstanpy - INFO - Chain [1] done processing
02:26:37 - cmdstanpy - INFO - Chain [1] start processing
02:26:37 - cmdstanpy - INFO - Chain [1] done processing
02:26:37 - cmdstanpy - INFO - Chain [1] start processing
02:26:37 - cmdstanpy - INFO - Chain [1] done processing
02:26:38 - cmdstanpy - INFO - Chain [1] start processing
02:26:38 - cmdstanpy - INFO - Chain [1] done processing
02:26:38 - cmdstanpy - INFO - Chain [1] start processing
02:26:38 - cmdstanpy - INFO - Chain [1] done processing
02:26:39 - cmdstanpy - INFO - Chain [1] start processing
02:26:39 - cmdstanpy - INFO - Chain [1] done processing
02:26:39 - cmdstanpy - INFO - Chain [1] start processing
02:26:39 - cmdstanpy - INFO - Chain [1] done processing
02:26:39 - cmdstanpy - INFO - Chain [1] start processing
02:26:39 - cmdstanpy - INFO - Chain [1] done processing
02:26:40 - cmdstanpy - INFO - Chain [1] start processing
02:26:40 - cmdstanpy - INFO - Chain [1] done processing
02:26:40 - cmdstanpy - INFO - Chain [1] start processing
02:26:40 - cmdstanpy - INFO - Chain [1] done processing
02:26:41 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:26:41 - cmdstanpy - INFO - Chain [1] done processing
02:26:41 - cmdstanpy - INFO - Chain [1] start processing
02:26:41 - cmdstanpy - INFO - Chain [1] done processing
02:26:42 - cmdstanpy - INFO - Chain [1] start processing
02:26:42 - cmdstanpy - INFO - Chain [1] done processing
02:26:42 - cmdstanpy - INFO - Chain [1] start processing
02:26:42 - cmdstanpy - INFO - Chain [1] done processing
02:26:42 - cmdstanpy - INFO - Chain [1] start processing
02:26:42 - cmdstanpy - INFO - Chain [1] done processing
02:26:43 - cmdstanpy - INFO - Chain [1] start processing
02:26:43 - cmdstanpy - INFO - Chain [1] done processing
02:26:43 - cmdstanpy - INFO - Chain [1] start processing
02:26:43 - cmdstanpy - INFO - Chain [1] done processing
02:26:44 - cmdstanpy - INFO - Chain [1] start processing
02:26:44 - cmdstanpy - INFO - Chain [1] done processing
02:26:44 - cmdstanpy - INFO - Chain [1] start processing
02:26:44 - cmdstanpy - INFO - Chain [1] done processing
02:26:44 - cmdstanpy - INFO - Chain [1] start processing
02:26:45 - cmdstanpy - INFO - Chain [1] done processing
02:26:45 - cmdstanpy - INFO - Chain [1] start processing
02:26:45 - cmdstanpy - INFO - Chain [1] done processing
02:26:45 - cmdstanpy - INFO - Chain [1] start processing
02:26:45 - cmdstanpy - INFO - Chain [1] done processing
02:26:46 - cmdstanpy - INFO - Chain [1] start processing
02:26:46 - cmdstanpy - INFO - Chain [1] done processing
02:26:46 - cmdstanpy - INFO - Chain [1] start processing
02:26:46 - cmdstanpy - INFO - Chain [1] done processing
02:26:47 - cmdstanpy - INFO - Chain [1] start processing
02:26:47 - cmdstanpy - INFO - Chain [1] done processing
02:26:47 - cmdstanpy - INFO - Chain [1] start processing
02:26:47 - cmdstanpy - INFO - Chain [1] done processing
02:26:47 - cmdstanpy - INFO - Chain [1] start processing
02:26:47 - cmdstanpy - INFO - Chain [1] done processing
02:26:48 - cmdstanpy - INFO - Chain [1] start processing
02:26:48 - cmdstanpy - INFO - Chain [1] done processing
02:26:48 - cmdstanpy - INFO - Chain [1] start processing
02:26:48 - cmdstanpy - INFO - Chain [1] done processing
02:26:49 - cmdstanpy - INFO - Chain [1] start processing
02:26:49 - cmdstanpy - INFO - Chain [1] done processing
02:26:49 - cmdstanpy - INFO - Chain [1] start processing
02:26:49 - cmdstanpy - INFO - Chain [1] done processing
02:26:49 - cmdstanpy - INFO - Chain [1] start processing
02:26:50 - cmdstanpy - INFO - Chain [1] done processing
02:26:50 - cmdstanpy - INFO - Chain [1] start processing
02:26:50 - cmdstanpy - INFO - Chain [1] done processing
02:26:50 - cmdstanpy - INFO - Chain [1] start processing
02:26:50 - cmdstanpy - INFO - Chain [1] done processing
02:26:51 - cmdstanpy - INFO - Chain [1] start processing
02:26:51 - cmdstanpy - INFO - Chain [1] done processing
02:26:51 - cmdstanpy - INFO - Chain [1] start processing
02:26:51 - cmdstanpy - INFO - Chain [1] done processing
02:26:52 - cmdstanpy - INFO - Chain [1] start processing
02:26:52 - cmdstanpy - INFO - Chain [1] done processing
02:26:52 - cmdstanpy - INFO - Chain [1] start processing
02:26:52 - cmdstanpy - INFO - Chain [1] done processing
02:26:52 - cmdstanpy - INFO - Chain [1] start processing
02:26:53 - cmdstanpy - INFO - Chain [1] done processing
02:26:53 - cmdstanpy - INFO - Chain [1] start processing
02:26:53 - cmdstanpy - INFO - Chain [1] done processing
02:26:53 - cmdstanpy - INFO - Chain [1] start processing
02:26:53 - cmdstanpy - INFO - Chain [1] done processing
02:26:54 - cmdstanpy - INFO - Chain [1] start processing
02:26:54 - cmdstanpy - INFO - Chain [1] done processing
02:26:54 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:26:54 - cmdstanpy - INFO - Chain [1] done processing
02:26:55 - cmdstanpy - INFO - Chain [1] start processing
02:26:55 - cmdstanpy - INFO - Chain [1] done processing
02:26:55 - cmdstanpy - INFO - Chain [1] start processing
02:26:55 - cmdstanpy - INFO - Chain [1] done processing
02:26:55 - cmdstanpy - INFO - Chain [1] start processing
02:26:55 - cmdstanpy - INFO - Chain [1] done processing
02:26:56 - cmdstanpy - INFO - Chain [1] start processing
02:26:56 - cmdstanpy - INFO - Chain [1] done processing
02:26:56 - cmdstanpy - INFO - Chain [1] start processing
02:26:56 - cmdstanpy - INFO - Chain [1] done processing
02:26:57 - cmdstanpy - INFO - Chain [1] start processing
02:26:57 - cmdstanpy - INFO - Chain [1] done processing
02:26:57 - cmdstanpy - INFO - Chain [1] start processing
02:26:57 - cmdstanpy - INFO - Chain [1] done processing
02:26:58 - cmdstanpy - INFO - Chain [1] start processing
02:26:58 - cmdstanpy - INFO - Chain [1] done processing
02:26:58 - cmdstanpy - INFO - Chain [1] start processing
02:26:58 - cmdstanpy - INFO - Chain [1] done processing
02:26:58 - cmdstanpy - INFO - Chain [1] start processing
02:26:58 - cmdstanpy - INFO - Chain [1] done processing
02:26:59 - cmdstanpy - INFO - Chain [1] start processing
02:26:59 - cmdstanpy - INFO - Chain [1] done processing
02:26:59 - cmdstanpy - INFO - Chain [1] start processing
02:26:59 - cmdstanpy - INFO - Chain [1] done processing
02:27:00 - cmdstanpy - INFO - Chain [1] start processing
02:27:00 - cmdstanpy - INFO - Chain [1] done processing
02:27:00 - cmdstanpy - INFO - Chain [1] start processing
02:27:00 - cmdstanpy - INFO - Chain [1] done processing
02:27:00 - cmdstanpy - INFO - Chain [1] start processing
02:27:00 - cmdstanpy - INFO - Chain [1] done processing
02:27:01 - cmdstanpy - INFO - Chain [1] start processing
02:27:01 - cmdstanpy - INFO - Chain [1] done processing
02:27:01 - cmdstanpy - INFO - Chain [1] start processing
02:27:01 - cmdstanpy - INFO - Chain [1] done processing
02:27:02 - cmdstanpy - INFO - Chain [1] start processing
02:27:02 - cmdstanpy - INFO - Chain [1] done processing
02:27:02 - cmdstanpy - INFO - Chain [1] start processing
02:27:02 - cmdstanpy - INFO - Chain [1] done processing
02:27:03 - cmdstanpy - INFO - Chain [1] start processing
02:27:03 - cmdstanpy - INFO - Chain [1] done processing
02:27:03 - cmdstanpy - INFO - Chain [1] start processing
02:27:03 - cmdstanpy - INFO - Chain [1] done processing
02:27:04 - cmdstanpy - INFO - Chain [1] start processing
02:27:04 - cmdstanpy - INFO - Chain [1] done processing
02:27:04 - cmdstanpy - INFO - Chain [1] start processing
02:27:04 - cmdstanpy - INFO - Chain [1] done processing
02:27:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:04 - cmdstanpy - INFO - Chain [1] start processing
02:27:04 - cmdstanpy - INFO - Chain [1] done processing
02:27:04 - cmdstanpy - INFO - Chain [1] start processing
02:27:04 - cmdstanpy - INFO - Chain [1] done processing
02:27:05 - cmdstanpy - INFO - Chain [1] start processing
02:27:05 - cmdstanpy - INFO - Chain [1] done processing
02:27:05 - cmdstanpy - INFO - Chain [1] start processing
02:27:05 - cmdstanpy - INFO - Chain [1] done processing
02:27:06 - cmdstanpy - INFO - Chain [1] start processing
02:27:06 - cmdstanpy - INFO - Chain [1] done processing
02:27:06 - cmdstanpy - INFO - Chain [1] start processing
02:27:06 - cmdstanpy - INFO - Chain [1] done processing
02:27:06 - cmdstanpy - INFO - Chain [1] start processing
02:27:07 - cmdstanpy - INFO - Chain [1] done processing
02:27:07 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:27:07 - cmdstanpy - INFO - Chain [1] done processing
02:27:07 - cmdstanpy - INFO - Chain [1] start processing
02:27:07 - cmdstanpy - INFO - Chain [1] done processing
02:27:08 - cmdstanpy - INFO - Chain [1] start processing
02:27:08 - cmdstanpy - INFO - Chain [1] done processing
02:27:08 - cmdstanpy - INFO - Chain [1] start processing
02:27:08 - cmdstanpy - INFO - Chain [1] done processing
02:27:09 - cmdstanpy - INFO - Chain [1] start processing
02:27:09 - cmdstanpy - INFO - Chain [1] done processing
02:27:09 - cmdstanpy - INFO - Chain [1] start processing
02:27:09 - cmdstanpy - INFO - Chain [1] done processing
02:27:09 - cmdstanpy - INFO - Chain [1] start processing
02:27:09 - cmdstanpy - INFO - Chain [1] done processing
02:27:10 - cmdstanpy - INFO - Chain [1] start processing
02:27:10 - cmdstanpy - INFO - Chain [1] done processing
02:27:10 - cmdstanpy - INFO - Chain [1] start processing
02:27:10 - cmdstanpy - INFO - Chain [1] done processing
02:27:11 - cmdstanpy - INFO - Chain [1] start processing
02:27:11 - cmdstanpy - INFO - Chain [1] done processing
02:27:11 - cmdstanpy - INFO - Chain [1] start processing
02:27:11 - cmdstanpy - INFO - Chain [1] done processing
02:27:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:11 - cmdstanpy - INFO - Chain [1] start processing
02:27:11 - cmdstanpy - INFO - Chain [1] done processing
02:27:12 - cmdstanpy - INFO - Chain [1] start processing
02:27:12 - cmdstanpy - INFO - Chain [1] done processing
02:27:12 - cmdstanpy - INFO - Chain [1] start processing
02:27:12 - cmdstanpy - INFO - Chain [1] done processing
02:27:13 - cmdstanpy - INFO - Chain [1] start processing
02:27:13 - cmdstanpy - INFO - Chain [1] done processing
02:27:13 - cmdstanpy - INFO - Chain [1] start processing
02:27:13 - cmdstanpy - INFO - Chain [1] done processing
02:27:13 - cmdstanpy - INFO - Chain [1] start processing
02:27:14 - cmdstanpy - INFO - Chain [1] done processing
02:27:14 - cmdstanpy - INFO - Chain [1] start processing
02:27:14 - cmdstanpy - INFO - Chain [1] done processing
02:27:14 - cmdstanpy - INFO - Chain [1] start processing
02:27:14 - cmdstanpy - INFO - Chain [1] done processing
02:27:15 - cmdstanpy - INFO - Chain [1] start processing
02:27:15 - cmdstanpy - INFO - Chain [1] done processing
02:27:15 - cmdstanpy - INFO - Chain [1] start processing
02:27:15 - cmdstanpy - INFO - Chain [1] done processing
02:27:16 - cmdstanpy - INFO - Chain [1] start processing
02:27:16 - cmdstanpy - INFO - Chain [1] done processing
02:27:16 - cmdstanpy - INFO - Chain [1] start processing
02:27:16 - cmdstanpy - INFO - Chain [1] done processing
02:27:17 - cmdstanpy - INFO - Chain [1] start processing
02:27:17 - cmdstanpy - INFO - Chain [1] done processing
02:27:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:17 - cmdstanpy - INFO - Chain [1] start processing
02:27:17 - cmdstanpy - INFO - Chain [1] done processing
02:27:17 - cmdstanpy - INFO - Chain [1] start processing
02:27:17 - cmdstanpy - INFO - Chain [1] done processing
02:27:17 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:17 - cmdstanpy - INFO - Chain [1] start processing
02:27:17 - cmdstanpy - INFO - Chain [1] done processing
02:27:18 - cmdstanpy - INFO - Chain [1] start processing
02:27:18 - cmdstanpy - INFO - Chain [1] done processing
02:27:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:27:18 - cmdstanpy - INFO - Chain [1] done processing
02:27:19 - cmdstanpy - INFO - Chain [1] start processing
02:27:19 - cmdstanpy - INFO - Chain [1] done processing
02:27:19 - cmdstanpy - INFO - Chain [1] start processing
02:27:19 - cmdstanpy - INFO - Chain [1] done processing
02:27:19 - cmdstanpy - INFO - Chain [1] start processing
02:27:19 - cmdstanpy - INFO - Chain [1] done processing
02:27:20 - cmdstanpy - INFO - Chain [1] start processing
02:27:20 - cmdstanpy - INFO - Chain [1] done processing
02:27:20 - cmdstanpy - INFO - Chain [1] start processing
02:27:20 - cmdstanpy - INFO - Chain [1] done processing
02:27:21 - cmdstanpy - INFO - Chain [1] start processing
02:27:21 - cmdstanpy - INFO - Chain [1] done processing
02:27:21 - cmdstanpy - INFO - Chain [1] start processing
02:27:21 - cmdstanpy - INFO - Chain [1] done processing
02:27:21 - cmdstanpy - INFO - Chain [1] start processing
02:27:21 - cmdstanpy - INFO - Chain [1] done processing
02:27:22 - cmdstanpy - INFO - Chain [1] start processing
02:27:22 - cmdstanpy - INFO - Chain [1] done processing
02:27:22 - cmdstanpy - INFO - Chain [1] start processing
02:27:22 - cmdstanpy - INFO - Chain [1] done processing
02:27:23 - cmdstanpy - INFO - Chain [1] start processing
02:27:23 - cmdstanpy - INFO - Chain [1] done processing
02:27:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:23 - cmdstanpy - INFO - Chain [1] start processing
02:27:23 - cmdstanpy - INFO - Chain [1] done processing
02:27:23 - cmdstanpy - INFO - Chain [1] start processing
02:27:23 - cmdstanpy - INFO - Chain [1] done processing
02:27:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:23 - cmdstanpy - INFO - Chain [1] start processing
02:27:24 - cmdstanpy - INFO - Chain [1] done processing
02:27:24 - cmdstanpy - INFO - Chain [1] start processing
02:27:24 - cmdstanpy - INFO - Chain [1] done processing
02:27:24 - cmdstanpy - INFO - Chain [1] start processing
02:27:24 - cmdstanpy - INFO - Chain [1] done processing
02:27:25 - cmdstanpy - INFO - Chain [1] start processing
02:27:25 - cmdstanpy - INFO - Chain [1] done processing
02:27:25 - cmdstanpy - INFO - Chain [1] start processing
02:27:25 - cmdstanpy - INFO - Chain [1] done processing
02:27:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:25 - cmdstanpy - INFO - Chain [1] start processing
02:27:25 - cmdstanpy - INFO - Chain [1] done processing
02:27:26 - cmdstanpy - INFO - Chain [1] start processing
02:27:26 - cmdstanpy - INFO - Chain [1] done processing
02:27:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:26 - cmdstanpy - INFO - Chain [1] start processing
02:27:26 - cmdstanpy - INFO - Chain [1] done processing
02:27:26 - cmdstanpy - INFO - Chain [1] start processing
02:27:26 - cmdstanpy - INFO - Chain [1] done processing
02:27:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:26 - cmdstanpy - INFO - Chain [1] start processing
02:27:27 - cmdstanpy - INFO - Chain [1] done processing
02:27:27 - cmdstanpy - INFO - Chain [1] start processing
02:27:27 - cmdstanpy - INFO - Chain [1] done processing
02:27:27 - cmdstanpy - INFO - Chain [1] start processing
02:27:27 - cmdstanpy - INFO - Chain [1] done processing
02:27:28 - cmdstanpy - INFO - Chain [1] start processing
02:27:28 - cmdstanpy - INFO - Chain [1] done processing
02:27:28 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:27:28 - cmdstanpy - INFO - Chain [1] done processing
02:27:29 - cmdstanpy - INFO - Chain [1] start processing
02:27:29 - cmdstanpy - INFO - Chain [1] done processing
02:27:29 - cmdstanpy - INFO - Chain [1] start processing
02:27:29 - cmdstanpy - INFO - Chain [1] done processing
02:27:29 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:29 - cmdstanpy - INFO - Chain [1] start processing
02:27:29 - cmdstanpy - INFO - Chain [1] done processing
02:27:30 - cmdstanpy - INFO - Chain [1] start processing
02:27:30 - cmdstanpy - INFO - Chain [1] done processing
02:27:30 - cmdstanpy - INFO - Chain [1] start processing
02:27:30 - cmdstanpy - INFO - Chain [1] done processing
02:27:31 - cmdstanpy - INFO - Chain [1] start processing
02:27:31 - cmdstanpy - INFO - Chain [1] done processing
02:27:31 - cmdstanpy - INFO - Chain [1] start processing
02:27:31 - cmdstanpy - INFO - Chain [1] done processing
02:27:31 - cmdstanpy - INFO - Chain [1] start processing
02:27:31 - cmdstanpy - INFO - Chain [1] done processing
02:27:32 - cmdstanpy - INFO - Chain [1] start processing
02:27:32 - cmdstanpy - INFO - Chain [1] done processing
02:27:32 - cmdstanpy - INFO - Chain [1] start processing
02:27:32 - cmdstanpy - INFO - Chain [1] done processing
02:27:33 - cmdstanpy - INFO - Chain [1] start processing
02:27:33 - cmdstanpy - INFO - Chain [1] done processing
02:27:33 - cmdstanpy - INFO - Chain [1] start processing
02:27:33 - cmdstanpy - INFO - Chain [1] done processing
02:27:33 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:33 - cmdstanpy - INFO - Chain [1] start processing
02:27:33 - cmdstanpy - INFO - Chain [1] done processing
02:27:34 - cmdstanpy - INFO - Chain [1] start processing
02:27:34 - cmdstanpy - INFO - Chain [1] done processing
02:27:34 - cmdstanpy - INFO - Chain [1] start processing
02:27:34 - cmdstanpy - INFO - Chain [1] done processing
02:27:34 - cmdstanpy - INFO - Chain [1] start processing
02:27:35 - cmdstanpy - INFO - Chain [1] done processing
02:27:35 - cmdstanpy - INFO - Chain [1] start processing
02:27:35 - cmdstanpy - INFO - Chain [1] done processing
02:27:35 - cmdstanpy - INFO - Chain [1] start processing
02:27:35 - cmdstanpy - INFO - Chain [1] done processing
02:27:36 - cmdstanpy - INFO - Chain [1] start processing
02:27:36 - cmdstanpy - INFO - Chain [1] done processing
02:27:36 - cmdstanpy - INFO - Chain [1] start processing
02:27:36 - cmdstanpy - INFO - Chain [1] done processing
02:27:37 - cmdstanpy - INFO - Chain [1] start processing
02:27:37 - cmdstanpy - INFO - Chain [1] done processing
02:27:37 - cmdstanpy - INFO - Chain [1] start processing
02:27:37 - cmdstanpy - INFO - Chain [1] done processing
02:27:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:37 - cmdstanpy - INFO - Chain [1] start processing
02:27:37 - cmdstanpy - INFO - Chain [1] done processing
02:27:38 - cmdstanpy - INFO - Chain [1] start processing
02:27:38 - cmdstanpy - INFO - Chain [1] done processing
02:27:38 - cmdstanpy - INFO - Chain [1] start processing
02:27:38 - cmdstanpy - INFO - Chain [1] done processing
02:27:38 - cmdstanpy - INFO - Chain [1] start processing
02:27:38 - cmdstanpy - INFO - Chain [1] done processing
02:27:38 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:38 - cmdstanpy - INFO - Chain [1] start processing
02:27:39 - cmdstanpy - INFO - Chain [1] done processing
02:27:39 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:27:39 - cmdstanpy - INFO - Chain [1] done processing
02:27:40 - cmdstanpy - INFO - Chain [1] start processing
02:27:40 - cmdstanpy - INFO - Chain [1] done processing
02:27:40 - cmdstanpy - INFO - Chain [1] start processing
02:27:40 - cmdstanpy - INFO - Chain [1] done processing
02:27:41 - cmdstanpy - INFO - Chain [1] start processing
02:27:41 - cmdstanpy - INFO - Chain [1] done processing
02:27:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:41 - cmdstanpy - INFO - Chain [1] start processing
02:27:41 - cmdstanpy - INFO - Chain [1] done processing
02:27:41 - cmdstanpy - INFO - Chain [1] start processing
02:27:41 - cmdstanpy - INFO - Chain [1] done processing
02:27:41 - cmdstanpy - INFO - Chain [1] start processing
02:27:42 - cmdstanpy - INFO - Chain [1] done processing
02:27:42 - cmdstanpy - INFO - Chain [1] start processing
02:27:42 - cmdstanpy - INFO - Chain [1] done processing
02:27:42 - cmdstanpy - INFO - Chain [1] start processing
02:27:42 - cmdstanpy - INFO - Chain [1] done processing
02:27:43 - cmdstanpy - INFO - Chain [1] start processing
02:27:43 - cmdstanpy - INFO - Chain [1] done processing
02:27:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:43 - cmdstanpy - INFO - Chain [1] start processing
02:27:43 - cmdstanpy - INFO - Chain [1] done processing
02:27:43 - cmdstanpy - INFO - Chain [1] start processing
02:27:43 - cmdstanpy - INFO - Chain [1] done processing
02:27:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:43 - cmdstanpy - INFO - Chain [1] start processing
02:27:44 - cmdstanpy - INFO - Chain [1] done processing
02:27:44 - cmdstanpy - INFO - Chain [1] start processing
02:27:44 - cmdstanpy - INFO - Chain [1] done processing
02:27:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:44 - cmdstanpy - INFO - Chain [1] start processing
02:27:44 - cmdstanpy - INFO - Chain [1] done processing
02:27:45 - cmdstanpy - INFO - Chain [1] start processing
02:27:45 - cmdstanpy - INFO - Chain [1] done processing
02:27:45 - cmdstanpy - INFO - Chain [1] start processing
02:27:45 - cmdstanpy - INFO - Chain [1] done processing
02:27:45 - cmdstanpy - INFO - Chain [1] start processing
02:27:46 - cmdstanpy - INFO - Chain [1] done processing
02:27:46 - cmdstanpy - INFO - Chain [1] start processing
02:27:46 - cmdstanpy - INFO - Chain [1] done processing
02:27:46 - cmdstanpy - INFO - Chain [1] start processing
02:27:46 - cmdstanpy - INFO - Chain [1] done processing
02:27:47 - cmdstanpy - INFO - Chain [1] start processing
02:27:47 - cmdstanpy - INFO - Chain [1] done processing
02:27:47 - cmdstanpy - INFO - Chain [1] start processing
02:27:48 - cmdstanpy - INFO - Chain [1] done processing
02:27:48 - cmdstanpy - INFO - Chain [1] start processing
02:27:48 - cmdstanpy - INFO - Chain [1] done processing
02:27:48 - cmdstanpy - INFO - Chain [1] start processing
02:27:49 - cmdstanpy - INFO - Chain [1] done processing
02:27:49 - cmdstanpy - INFO - Chain [1] start processing
02:27:49 - cmdstanpy - INFO - Chain [1] done processing
02:27:49 - cmdstanpy - INFO - Chain [1] start processing
02:27:49 - cmdstanpy - INFO - Chain [1] done processing
02:27:50 - cmdstanpy - INFO - Chain [1] start processing
02:27:50 - cmdstanpy - INFO - Chain [1] done processing
02:27:50 - cmdstanpy - INFO - Chain [1] start processing
02:27:50 - cmdstanpy - INFO - Chain [1] done processing
02:27:51 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:27:51 - cmdstanpy - INFO - Chain [1] done processing
02:27:51 - cmdstanpy - INFO - Chain [1] start processing
02:27:51 - cmdstanpy - INFO - Chain [1] done processing
02:27:51 - cmdstanpy - INFO - Chain [1] start processing
02:27:52 - cmdstanpy - INFO - Chain [1] done processing
02:27:52 - cmdstanpy - INFO - Chain [1] start processing
02:27:52 - cmdstanpy - INFO - Chain [1] done processing
02:27:52 - cmdstanpy - INFO - Chain [1] start processing
02:27:52 - cmdstanpy - INFO - Chain [1] done processing
02:27:53 - cmdstanpy - INFO - Chain [1] start processing
02:27:53 - cmdstanpy - INFO - Chain [1] done processing
02:27:53 - cmdstanpy - INFO - Chain [1] start processing
02:27:53 - cmdstanpy - INFO - Chain [1] done processing
02:27:54 - cmdstanpy - INFO - Chain [1] start processing
02:27:54 - cmdstanpy - INFO - Chain [1] done processing
02:27:54 - cmdstanpy - INFO - Chain [1] start processing
02:27:54 - cmdstanpy - INFO - Chain [1] done processing
02:27:54 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:54 - cmdstanpy - INFO - Chain [1] start processing
02:27:54 - cmdstanpy - INFO - Chain [1] done processing
02:27:55 - cmdstanpy - INFO - Chain [1] start processing
02:27:55 - cmdstanpy - INFO - Chain [1] done processing
02:27:55 - cmdstanpy - INFO - Chain [1] start processing
02:27:55 - cmdstanpy - INFO - Chain [1] done processing
02:27:56 - cmdstanpy - INFO - Chain [1] start processing
02:27:56 - cmdstanpy - INFO - Chain [1] done processing
02:27:56 - cmdstanpy - INFO - Chain [1] start processing
02:27:56 - cmdstanpy - INFO - Chain [1] done processing
02:27:56 - cmdstanpy - INFO - Chain [1] start processing
02:27:56 - cmdstanpy - INFO - Chain [1] done processing
02:27:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:56 - cmdstanpy - INFO - Chain [1] start processing
02:27:57 - cmdstanpy - INFO - Chain [1] done processing
02:27:57 - cmdstanpy - INFO - Chain [1] start processing
02:27:57 - cmdstanpy - INFO - Chain [1] done processing
02:27:57 - cmdstanpy - INFO - Chain [1] start processing
02:27:57 - cmdstanpy - INFO - Chain [1] done processing
02:27:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:57 - cmdstanpy - INFO - Chain [1] start processing
02:27:58 - cmdstanpy - INFO - Chain [1] done processing
02:27:58 - cmdstanpy - INFO - Chain [1] start processing
02:27:58 - cmdstanpy - INFO - Chain [1] done processing
02:27:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:27:58 - cmdstanpy - INFO - Chain [1] start processing
02:27:58 - cmdstanpy - INFO - Chain [1] done processing
02:27:59 - cmdstanpy - INFO - Chain [1] start processing
02:27:59 - cmdstanpy - INFO - Chain [1] done processing
02:27:59 - cmdstanpy - INFO - Chain [1] start processing
02:27:59 - cmdstanpy - INFO - Chain [1] done processing
02:28:00 - cmdstanpy - INFO - Chain [1] start processing
02:28:00 - cmdstanpy - INFO - Chain [1] done processing
02:28:00 - cmdstanpy - INFO - Chain [1] start processing
02:28:00 - cmdstanpy - INFO - Chain [1] done processing
02:28:00 - cmdstanpy - INFO - Chain [1] start processing
02:28:00 - cmdstanpy - INFO - Chain [1] done processing
02:28:01 - cmdstanpy - INFO - Chain [1] start processing
02:28:01 - cmdstanpy - INFO - Chain [1] done processing
02:28:01 - cmdstanpy - INFO - Chain [1] start processing
02:28:01 - cmdstanpy - INFO - Chain [1] done processing
02:28:02 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:28:02 - cmdstanpy - INFO - Chain [1] done processing
02:28:02 - cmdstanpy - INFO - Chain [1] start processing
02:28:02 - cmdstanpy - INFO - Chain [1] done processing
02:28:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:02 - cmdstanpy - INFO - Chain [1] start processing
02:28:02 - cmdstanpy - INFO - Chain [1] done processing
02:28:03 - cmdstanpy - INFO - Chain [1] start processing
02:28:03 - cmdstanpy - INFO - Chain [1] done processing
02:28:03 - cmdstanpy - INFO - Chain [1] start processing
02:28:03 - cmdstanpy - INFO - Chain [1] done processing
02:28:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:03 - cmdstanpy - INFO - Chain [1] start processing
02:28:03 - cmdstanpy - INFO - Chain [1] done processing
02:28:04 - cmdstanpy - INFO - Chain [1] start processing
02:28:04 - cmdstanpy - INFO - Chain [1] done processing
02:28:04 - cmdstanpy - INFO - Chain [1] start processing
02:28:04 - cmdstanpy - INFO - Chain [1] done processing
02:28:05 - cmdstanpy - INFO - Chain [1] start processing
02:28:05 - cmdstanpy - INFO - Chain [1] done processing
02:28:05 - cmdstanpy - INFO - Chain [1] start processing
02:28:05 - cmdstanpy - INFO - Chain [1] done processing
02:28:05 - cmdstanpy - INFO - Chain [1] start processing
02:28:06 - cmdstanpy - INFO - Chain [1] done processing
02:28:06 - cmdstanpy - INFO - Chain [1] start processing
02:28:06 - cmdstanpy - INFO - Chain [1] done processing
02:28:06 - cmdstanpy - INFO - Chain [1] start processing
02:28:06 - cmdstanpy - INFO - Chain [1] done processing
02:28:07 - cmdstanpy - INFO - Chain [1] start processing
02:28:07 - cmdstanpy - INFO - Chain [1] done processing
02:28:07 - cmdstanpy - INFO - Chain [1] start processing
02:28:07 - cmdstanpy - INFO - Chain [1] done processing
02:28:08 - cmdstanpy - INFO - Chain [1] start processing
02:28:08 - cmdstanpy - INFO - Chain [1] done processing
02:28:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:08 - cmdstanpy - INFO - Chain [1] start processing
02:28:08 - cmdstanpy - INFO - Chain [1] done processing
02:28:08 - cmdstanpy - INFO - Chain [1] start processing
02:28:08 - cmdstanpy - INFO - Chain [1] done processing
02:28:09 - cmdstanpy - INFO - Chain [1] start processing
02:28:09 - cmdstanpy - INFO - Chain [1] done processing
02:28:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:09 - cmdstanpy - INFO - Chain [1] start processing
02:28:09 - cmdstanpy - INFO - Chain [1] done processing
02:28:09 - cmdstanpy - INFO - Chain [1] start processing
02:28:09 - cmdstanpy - INFO - Chain [1] done processing
02:28:10 - cmdstanpy - INFO - Chain [1] start processing
02:28:10 - cmdstanpy - INFO - Chain [1] done processing
02:28:10 - cmdstanpy - INFO - Chain [1] start processing
02:28:10 - cmdstanpy - INFO - Chain [1] done processing
02:28:10 - cmdstanpy - INFO - Chain [1] start processing
02:28:10 - cmdstanpy - INFO - Chain [1] done processing
02:28:11 - cmdstanpy - INFO - Chain [1] start processing
02:28:11 - cmdstanpy - INFO - Chain [1] done processing
02:28:11 - cmdstanpy - INFO - Chain [1] start processing
02:28:11 - cmdstanpy - INFO - Chain [1] done processing
02:28:12 - cmdstanpy - INFO - Chain [1] start processing
02:28:12 - cmdstanpy - INFO - Chain [1] done processing
02:28:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:12 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:28:12 - cmdstanpy - INFO - Chain [1] done processing
02:28:12 - cmdstanpy - INFO - Chain [1] start processing
02:28:12 - cmdstanpy - INFO - Chain [1] done processing
02:28:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:12 - cmdstanpy - INFO - Chain [1] start processing
02:28:12 - cmdstanpy - INFO - Chain [1] done processing
02:28:13 - cmdstanpy - INFO - Chain [1] start processing
02:28:13 - cmdstanpy - INFO - Chain [1] done processing
02:28:13 - cmdstanpy - INFO - Chain [1] start processing
02:28:13 - cmdstanpy - INFO - Chain [1] done processing
02:28:14 - cmdstanpy - INFO - Chain [1] start processing
02:28:14 - cmdstanpy - INFO - Chain [1] done processing
02:28:14 - cmdstanpy - INFO - Chain [1] start processing
02:28:14 - cmdstanpy - INFO - Chain [1] done processing
02:28:14 - cmdstanpy - INFO - Chain [1] start processing
02:28:14 - cmdstanpy - INFO - Chain [1] done processing
02:28:15 - cmdstanpy - INFO - Chain [1] start processing
02:28:15 - cmdstanpy - INFO - Chain [1] done processing
02:28:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:15 - cmdstanpy - INFO - Chain [1] start processing
02:28:15 - cmdstanpy - INFO - Chain [1] done processing
02:28:15 - cmdstanpy - INFO - Chain [1] start processing
02:28:15 - cmdstanpy - INFO - Chain [1] done processing
02:28:16 - cmdstanpy - INFO - Chain [1] start processing
02:28:16 - cmdstanpy - INFO - Chain [1] done processing
02:28:16 - cmdstanpy - INFO - Chain [1] start processing
02:28:16 - cmdstanpy - INFO - Chain [1] done processing
02:28:17 - cmdstanpy - INFO - Chain [1] start processing
02:28:17 - cmdstanpy - INFO - Chain [1] done processing
02:28:17 - cmdstanpy - INFO - Chain [1] start processing
02:28:17 - cmdstanpy - INFO - Chain [1] done processing
02:28:17 - cmdstanpy - INFO - Chain [1] start processing
02:28:18 - cmdstanpy - INFO - Chain [1] done processing
02:28:18 - cmdstanpy - INFO - Chain [1] start processing
02:28:18 - cmdstanpy - INFO - Chain [1] done processing
02:28:18 - cmdstanpy - INFO - Chain [1] start processing
02:28:18 - cmdstanpy - INFO - Chain [1] done processing
02:28:19 - cmdstanpy - INFO - Chain [1] start processing
02:28:19 - cmdstanpy - INFO - Chain [1] done processing
02:28:19 - cmdstanpy - INFO - Chain [1] start processing
02:28:19 - cmdstanpy - INFO - Chain [1] done processing
02:28:20 - cmdstanpy - INFO - Chain [1] start processing
02:28:20 - cmdstanpy - INFO - Chain [1] done processing
02:28:20 - cmdstanpy - INFO - Chain [1] start processing
02:28:20 - cmdstanpy - INFO - Chain [1] done processing
02:28:21 - cmdstanpy - INFO - Chain [1] start processing
02:28:21 - cmdstanpy - INFO - Chain [1] done processing
02:28:21 - cmdstanpy - INFO - Chain [1] start processing
02:28:21 - cmdstanpy - INFO - Chain [1] done processing
02:28:21 - cmdstanpy - INFO - Chain [1] start processing
02:28:22 - cmdstanpy - INFO - Chain [1] done processing
02:28:22 - cmdstanpy - INFO - Chain [1] start processing
02:28:22 - cmdstanpy - INFO - Chain [1] done processing
02:28:22 - cmdstanpy - INFO - Chain [1] start processing
02:28:22 - cmdstanpy - INFO - Chain [1] done processing
02:28:23 - cmdstanpy - INFO - Chain [1] start processing
02:28:23 - cmdstanpy - INFO - Chain [1] done processing
02:28:23 - cmdstanpy - INFO - Chain [1] start processing
02:28:23 - cmdstanpy - INFO - Chain [1] done processing
02:28:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:23 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:28:24 - cmdstanpy - INFO - Chain [1] done processing
02:28:24 - cmdstanpy - INFO - Chain [1] start processing
02:28:24 - cmdstanpy - INFO - Chain [1] done processing
02:28:24 - cmdstanpy - INFO - Chain [1] start processing
02:28:24 - cmdstanpy - INFO - Chain [1] done processing
02:28:25 - cmdstanpy - INFO - Chain [1] start processing
02:28:25 - cmdstanpy - INFO - Chain [1] done processing
02:28:25 - cmdstanpy - INFO - Chain [1] start processing
02:28:25 - cmdstanpy - INFO - Chain [1] done processing
02:28:25 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:25 - cmdstanpy - INFO - Chain [1] start processing
02:28:25 - cmdstanpy - INFO - Chain [1] done processing
02:28:26 - cmdstanpy - INFO - Chain [1] start processing
02:28:26 - cmdstanpy - INFO - Chain [1] done processing
02:28:26 - cmdstanpy - INFO - Chain [1] start processing
02:28:26 - cmdstanpy - INFO - Chain [1] done processing
02:28:27 - cmdstanpy - INFO - Chain [1] start processing
02:28:27 - cmdstanpy - INFO - Chain [1] done processing
02:28:27 - cmdstanpy - INFO - Chain [1] start processing
02:28:27 - cmdstanpy - INFO - Chain [1] done processing
02:28:27 - cmdstanpy - INFO - Chain [1] start processing
02:28:27 - cmdstanpy - INFO - Chain [1] done processing
02:28:28 - cmdstanpy - INFO - Chain [1] start processing
02:28:28 - cmdstanpy - INFO - Chain [1] done processing
02:28:28 - cmdstanpy - INFO - Chain [1] start processing
02:28:28 - cmdstanpy - INFO - Chain [1] done processing
02:28:29 - cmdstanpy - INFO - Chain [1] start processing
02:28:29 - cmdstanpy - INFO - Chain [1] done processing
02:28:29 - cmdstanpy - INFO - Chain [1] start processing
02:28:29 - cmdstanpy - INFO - Chain [1] done processing
02:28:29 - cmdstanpy - INFO - Chain [1] start processing
02:28:30 - cmdstanpy - INFO - Chain [1] done processing
02:28:30 - cmdstanpy - INFO - Chain [1] start processing
02:28:30 - cmdstanpy - INFO - Chain [1] done processing
02:28:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:30 - cmdstanpy - INFO - Chain [1] start processing
02:28:30 - cmdstanpy - INFO - Chain [1] done processing
02:28:31 - cmdstanpy - INFO - Chain [1] start processing
02:28:31 - cmdstanpy - INFO - Chain [1] done processing
02:28:31 - cmdstanpy - INFO - Chain [1] start processing
02:28:31 - cmdstanpy - INFO - Chain [1] done processing
02:28:31 - cmdstanpy - INFO - Chain [1] start processing
02:28:32 - cmdstanpy - INFO - Chain [1] done processing
02:28:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:32 - cmdstanpy - INFO - Chain [1] start processing
02:28:32 - cmdstanpy - INFO - Chain [1] done processing
02:28:32 - cmdstanpy - INFO - Chain [1] start processing
02:28:32 - cmdstanpy - INFO - Chain [1] done processing
02:28:33 - cmdstanpy - INFO - Chain [1] start processing
02:28:33 - cmdstanpy - INFO - Chain [1] done processing
02:28:33 - cmdstanpy - INFO - Chain [1] start processing
02:28:33 - cmdstanpy - INFO - Chain [1] done processing
02:28:33 - cmdstanpy - INFO - Chain [1] start processing
02:28:33 - cmdstanpy - INFO - Chain [1] done processing
02:28:34 - cmdstanpy - INFO - Chain [1] start processing
02:28:34 - cmdstanpy - INFO - Chain [1] done processing
02:28:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:34 - cmdstanpy - INFO - Chain [1] start processing
02:28:34 - cmdstanpy - INFO - Chain [1] done processing
02:28:34 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:28:35 - cmdstanpy - INFO - Chain [1] done processing
02:28:35 - cmdstanpy - INFO - Chain [1] start processing
02:28:35 - cmdstanpy - INFO - Chain [1] done processing
02:28:35 - cmdstanpy - INFO - Chain [1] start processing
02:28:35 - cmdstanpy - INFO - Chain [1] done processing
02:28:36 - cmdstanpy - INFO - Chain [1] start processing
02:28:36 - cmdstanpy - INFO - Chain [1] done processing
02:28:36 - cmdstanpy - INFO - Chain [1] start processing
02:28:36 - cmdstanpy - INFO - Chain [1] done processing
02:28:37 - cmdstanpy - INFO - Chain [1] start processing
02:28:37 - cmdstanpy - INFO - Chain [1] done processing
02:28:37 - cmdstanpy - INFO - Chain [1] start processing
02:28:37 - cmdstanpy - INFO - Chain [1] done processing
02:28:37 - cmdstanpy - INFO - Chain [1] start processing
02:28:37 - cmdstanpy - INFO - Chain [1] done processing
02:28:37 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:37 - cmdstanpy - INFO - Chain [1] start processing
02:28:38 - cmdstanpy - INFO - Chain [1] done processing
02:28:38 - cmdstanpy - INFO - Chain [1] start processing
02:28:38 - cmdstanpy - INFO - Chain [1] done processing
02:28:38 - cmdstanpy - INFO - Chain [1] start processing
02:28:39 - cmdstanpy - INFO - Chain [1] done processing
02:28:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:39 - cmdstanpy - INFO - Chain [1] start processing
02:28:39 - cmdstanpy - INFO - Chain [1] done processing
02:28:39 - cmdstanpy - INFO - Chain [1] start processing
02:28:39 - cmdstanpy - INFO - Chain [1] done processing
02:28:40 - cmdstanpy - INFO - Chain [1] start processing
02:28:40 - cmdstanpy - INFO - Chain [1] done processing
02:28:40 - cmdstanpy - INFO - Chain [1] start processing
02:28:40 - cmdstanpy - INFO - Chain [1] done processing
02:28:40 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:40 - cmdstanpy - INFO - Chain [1] start processing
02:28:40 - cmdstanpy - INFO - Chain [1] done processing
02:28:40 - cmdstanpy - INFO - Chain [1] start processing
02:28:41 - cmdstanpy - INFO - Chain [1] done processing
02:28:41 - cmdstanpy - INFO - Chain [1] start processing
02:28:41 - cmdstanpy - INFO - Chain [1] done processing
02:28:41 - cmdstanpy - INFO - Chain [1] start processing
02:28:41 - cmdstanpy - INFO - Chain [1] done processing
02:28:42 - cmdstanpy - INFO - Chain [1] start processing
02:28:42 - cmdstanpy - INFO - Chain [1] done processing
02:28:42 - cmdstanpy - INFO - Chain [1] start processing
02:28:42 - cmdstanpy - INFO - Chain [1] done processing
02:28:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:42 - cmdstanpy - INFO - Chain [1] start processing
02:28:42 - cmdstanpy - INFO - Chain [1] done processing
02:28:43 - cmdstanpy - INFO - Chain [1] start processing
02:28:43 - cmdstanpy - INFO - Chain [1] done processing
02:28:43 - cmdstanpy - INFO - Chain [1] start processing
02:28:43 - cmdstanpy - INFO - Chain [1] done processing
02:28:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:43 - cmdstanpy - INFO - Chain [1] start processing
02:28:43 - cmdstanpy - INFO - Chain [1] done processing
02:28:44 - cmdstanpy - INFO - Chain [1] start processing
02:28:44 - cmdstanpy - INFO - Chain [1] done processing
02:28:44 - cmdstanpy - INFO - Chain [1] start processing
02:28:44 - cmdstanpy - INFO - Chain [1] done processing
02:28:45 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:28:45 - cmdstanpy - INFO - Chain [1] done processing
02:28:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:45 - cmdstanpy - INFO - Chain [1] start processing
02:28:45 - cmdstanpy - INFO - Chain [1] done processing
02:28:45 - cmdstanpy - INFO - Chain [1] start processing
02:28:45 - cmdstanpy - INFO - Chain [1] done processing
02:28:46 - cmdstanpy - INFO - Chain [1] start processing
02:28:46 - cmdstanpy - INFO - Chain [1] done processing
02:28:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:46 - cmdstanpy - INFO - Chain [1] start processing
02:28:46 - cmdstanpy - INFO - Chain [1] done processing
02:28:46 - cmdstanpy - INFO - Chain [1] start processing
02:28:46 - cmdstanpy - INFO - Chain [1] done processing
02:28:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:46 - cmdstanpy - INFO - Chain [1] start processing
02:28:46 - cmdstanpy - INFO - Chain [1] done processing
02:28:47 - cmdstanpy - INFO - Chain [1] start processing
02:28:47 - cmdstanpy - INFO - Chain [1] done processing
02:28:47 - cmdstanpy - INFO - Chain [1] start processing
02:28:47 - cmdstanpy - INFO - Chain [1] done processing
02:28:48 - cmdstanpy - INFO - Chain [1] start processing
02:28:48 - cmdstanpy - INFO - Chain [1] done processing
02:28:48 - cmdstanpy - INFO - Chain [1] start processing
02:28:48 - cmdstanpy - INFO - Chain [1] done processing
02:28:49 - cmdstanpy - INFO - Chain [1] start processing
02:28:49 - cmdstanpy - INFO - Chain [1] done processing
02:28:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:49 - cmdstanpy - INFO - Chain [1] start processing
02:28:49 - cmdstanpy - INFO - Chain [1] done processing
02:28:49 - cmdstanpy - INFO - Chain [1] start processing
02:28:49 - cmdstanpy - INFO - Chain [1] done processing
02:28:50 - cmdstanpy - INFO - Chain [1] start processing
02:28:50 - cmdstanpy - INFO - Chain [1] done processing
02:28:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:50 - cmdstanpy - INFO - Chain [1] start processing
02:28:50 - cmdstanpy - INFO - Chain [1] done processing
02:28:50 - cmdstanpy - INFO - Chain [1] start processing
02:28:50 - cmdstanpy - INFO - Chain [1] done processing
02:28:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:50 - cmdstanpy - INFO - Chain [1] start processing
02:28:51 - cmdstanpy - INFO - Chain [1] done processing
02:28:51 - cmdstanpy - INFO - Chain [1] start processing
02:28:51 - cmdstanpy - INFO - Chain [1] done processing
02:28:51 - cmdstanpy - INFO - Chain [1] start processing
02:28:51 - cmdstanpy - INFO - Chain [1] done processing
02:28:52 - cmdstanpy - INFO - Chain [1] start processing
02:28:52 - cmdstanpy - INFO - Chain [1] done processing
02:28:52 - cmdstanpy - INFO - Chain [1] start processing
02:28:52 - cmdstanpy - INFO - Chain [1] done processing
02:28:53 - cmdstanpy - INFO - Chain [1] start processing
02:28:53 - cmdstanpy - INFO - Chain [1] done processing
02:28:53 - cmdstanpy - INFO - Chain [1] start processing
02:28:53 - cmdstanpy - INFO - Chain [1] done processing
02:28:53 - cmdstanpy - INFO - Chain [1] start processing
02:28:53 - cmdstanpy - INFO - Chain [1] done processing
02:28:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:28:54 - cmdstanpy - INFO - Chain [1] done processing
02:28:54 - cmdstanpy - INFO - Chain [1] start processing
02:28:54 - cmdstanpy - INFO - Chain [1] done processing
02:28:55 - cmdstanpy - INFO - Chain [1] start processing
02:28:55 - cmdstanpy - INFO - Chain [1] done processing
02:28:55 - cmdstanpy - INFO - Chain [1] start processing
02:28:55 - cmdstanpy - INFO - Chain [1] done processing
02:28:55 - cmdstanpy - INFO - Chain [1] start processing
02:28:55 - cmdstanpy - INFO - Chain [1] done processing
02:28:56 - cmdstanpy - INFO - Chain [1] start processing
02:28:56 - cmdstanpy - INFO - Chain [1] done processing
02:28:56 - cmdstanpy - INFO - Chain [1] start processing
02:28:56 - cmdstanpy - INFO - Chain [1] done processing
02:28:57 - cmdstanpy - INFO - Chain [1] start processing
02:28:57 - cmdstanpy - INFO - Chain [1] done processing
02:28:57 - cmdstanpy - INFO - Chain [1] start processing
02:28:57 - cmdstanpy - INFO - Chain [1] done processing
02:28:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:57 - cmdstanpy - INFO - Chain [1] start processing
02:28:57 - cmdstanpy - INFO - Chain [1] done processing
02:28:58 - cmdstanpy - INFO - Chain [1] start processing
02:28:58 - cmdstanpy - INFO - Chain [1] done processing
02:28:58 - cmdstanpy - INFO - Chain [1] start processing
02:28:58 - cmdstanpy - INFO - Chain [1] done processing
02:28:58 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:28:58 - cmdstanpy - INFO - Chain [1] start processing
02:28:58 - cmdstanpy - INFO - Chain [1] done processing
02:28:59 - cmdstanpy - INFO - Chain [1] start processing
02:28:59 - cmdstanpy - INFO - Chain [1] done processing
02:28:59 - cmdstanpy - INFO - Chain [1] start processing
02:28:59 - cmdstanpy - INFO - Chain [1] done processing
02:29:00 - cmdstanpy - INFO - Chain [1] start processing
02:29:00 - cmdstanpy - INFO - Chain [1] done processing
02:29:00 - cmdstanpy - INFO - Chain [1] start processing
02:29:00 - cmdstanpy - INFO - Chain [1] done processing
02:29:00 - cmdstanpy - INFO - Chain [1] start processing
02:29:01 - cmdstanpy - INFO - Chain [1] done processing
02:29:01 - cmdstanpy - INFO - Chain [1] start processing
02:29:01 - cmdstanpy - INFO - Chain [1] done processing
02:29:01 - cmdstanpy - INFO - Chain [1] start processing
02:29:01 - cmdstanpy - INFO - Chain [1] done processing
02:29:02 - cmdstanpy - INFO - Chain [1] start processing
02:29:02 - cmdstanpy - INFO - Chain [1] done processing
02:29:02 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:02 - cmdstanpy - INFO - Chain [1] start processing
02:29:02 - cmdstanpy - INFO - Chain [1] done processing
02:29:02 - cmdstanpy - INFO - Chain [1] start processing
02:29:02 - cmdstanpy - INFO - Chain [1] done processing
02:29:03 - cmdstanpy - INFO - Chain [1] start processing
02:29:03 - cmdstanpy - INFO - Chain [1] done processing
02:29:03 - cmdstanpy - INFO - Chain [1] start processing
02:29:03 - cmdstanpy - INFO - Chain [1] done processing
02:29:04 - cmdstanpy - INFO - Chain [1] start processing
02:29:04 - cmdstanpy - INFO - Chain [1] done processing
02:29:04 - cmdstanpy - INFO - Chain [1] start processing
02:29:04 - cmdstanpy - INFO - Chain [1] done processing
02:29:04 - cmdstanpy - INFO - Chain [1] start processing
02:29:04 - cmdstanpy - INFO - Chain [1] done processing
02:29:05 - cmdstanpy - INFO - Chain [1] start processing
02:29:05 - cmdstanpy - INFO - Chain [1] done processing
02:29:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:29:06 - cmdstanpy - INFO - Chain [1] done processing
02:29:06 - cmdstanpy - INFO - Chain [1] start processing
02:29:06 - cmdstanpy - INFO - Chain [1] done processing
02:29:06 - cmdstanpy - INFO - Chain [1] start processing
02:29:06 - cmdstanpy - INFO - Chain [1] done processing
02:29:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:06 - cmdstanpy - INFO - Chain [1] start processing
02:29:07 - cmdstanpy - INFO - Chain [1] done processing
02:29:07 - cmdstanpy - INFO - Chain [1] start processing
02:29:07 - cmdstanpy - INFO - Chain [1] done processing
02:29:07 - cmdstanpy - INFO - Chain [1] start processing
02:29:08 - cmdstanpy - INFO - Chain [1] done processing
02:29:08 - cmdstanpy - INFO - Chain [1] start processing
02:29:08 - cmdstanpy - INFO - Chain [1] done processing
02:29:08 - cmdstanpy - INFO - Chain [1] start processing
02:29:08 - cmdstanpy - INFO - Chain [1] done processing
02:29:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:08 - cmdstanpy - INFO - Chain [1] start processing
02:29:08 - cmdstanpy - INFO - Chain [1] done processing
02:29:09 - cmdstanpy - INFO - Chain [1] start processing
02:29:09 - cmdstanpy - INFO - Chain [1] done processing
02:29:09 - cmdstanpy - INFO - Chain [1] start processing
02:29:09 - cmdstanpy - INFO - Chain [1] done processing
02:29:10 - cmdstanpy - INFO - Chain [1] start processing
02:29:10 - cmdstanpy - INFO - Chain [1] done processing
02:29:10 - cmdstanpy - INFO - Chain [1] start processing
02:29:10 - cmdstanpy - INFO - Chain [1] done processing
02:29:10 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:10 - cmdstanpy - INFO - Chain [1] start processing
02:29:10 - cmdstanpy - INFO - Chain [1] done processing
02:29:11 - cmdstanpy - INFO - Chain [1] start processing
02:29:11 - cmdstanpy - INFO - Chain [1] done processing
02:29:11 - cmdstanpy - INFO - Chain [1] start processing
02:29:11 - cmdstanpy - INFO - Chain [1] done processing
02:29:11 - cmdstanpy - INFO - Chain [1] start processing
02:29:12 - cmdstanpy - INFO - Chain [1] done processing
02:29:12 - cmdstanpy - INFO - Chain [1] start processing
02:29:12 - cmdstanpy - INFO - Chain [1] done processing
02:29:12 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:12 - cmdstanpy - INFO - Chain [1] start processing
02:29:12 - cmdstanpy - INFO - Chain [1] done processing
02:29:13 - cmdstanpy - INFO - Chain [1] start processing
02:29:13 - cmdstanpy - INFO - Chain [1] done processing
02:29:13 - cmdstanpy - INFO - Chain [1] start processing
02:29:13 - cmdstanpy - INFO - Chain [1] done processing
02:29:13 - cmdstanpy - INFO - Chain [1] start processing
02:29:13 - cmdstanpy - INFO - Chain [1] done processing
02:29:14 - cmdstanpy - INFO - Chain [1] start processing
02:29:14 - cmdstanpy - INFO - Chain [1] done processing
02:29:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:14 - cmdstanpy - INFO - Chain [1] start processing
02:29:14 - cmdstanpy - INFO - Chain [1] done processing
02:29:14 - cmdstanpy - INFO - Chain [1] start processing
02:29:14 - cmdstanpy - INFO - Chain [1] done processing
02:29:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:14 - cmdstanpy - INFO - Chain [1] start processing
02:29:15 - cmdstanpy - INFO - Chain [1] done processing
02:29:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:29:15 - cmdstanpy - INFO - Chain [1] done processing
02:29:15 - cmdstanpy - INFO - Chain [1] start processing
02:29:15 - cmdstanpy - INFO - Chain [1] done processing
02:29:16 - cmdstanpy - INFO - Chain [1] start processing
02:29:16 - cmdstanpy - INFO - Chain [1] done processing
02:29:16 - cmdstanpy - INFO - Chain [1] start processing
02:29:16 - cmdstanpy - INFO - Chain [1] done processing
02:29:17 - cmdstanpy - INFO - Chain [1] start processing
02:29:17 - cmdstanpy - INFO - Chain [1] done processing
02:29:17 - cmdstanpy - INFO - Chain [1] start processing
02:29:17 - cmdstanpy - INFO - Chain [1] done processing
02:29:17 - cmdstanpy - INFO - Chain [1] start processing
02:29:17 - cmdstanpy - INFO - Chain [1] done processing
02:29:18 - cmdstanpy - INFO - Chain [1] start processing
02:29:18 - cmdstanpy - INFO - Chain [1] done processing
02:29:18 - cmdstanpy - INFO - Chain [1] start processing
02:29:18 - cmdstanpy - INFO - Chain [1] done processing
02:29:19 - cmdstanpy - INFO - Chain [1] start processing
02:29:19 - cmdstanpy - INFO - Chain [1] done processing
02:29:19 - cmdstanpy - INFO - Chain [1] start processing
02:29:19 - cmdstanpy - INFO - Chain [1] done processing
02:29:19 - cmdstanpy - INFO - Chain [1] start processing
02:29:20 - cmdstanpy - INFO - Chain [1] done processing
02:29:20 - cmdstanpy - INFO - Chain [1] start processing
02:29:20 - cmdstanpy - INFO - Chain [1] done processing
02:29:20 - cmdstanpy - INFO - Chain [1] start processing
02:29:20 - cmdstanpy - INFO - Chain [1] done processing
02:29:21 - cmdstanpy - INFO - Chain [1] start processing
02:29:21 - cmdstanpy - INFO - Chain [1] done processing
02:29:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:21 - cmdstanpy - INFO - Chain [1] start processing
02:29:21 - cmdstanpy - INFO - Chain [1] done processing
02:29:21 - cmdstanpy - INFO - Chain [1] start processing
02:29:21 - cmdstanpy - INFO - Chain [1] done processing
02:29:22 - cmdstanpy - INFO - Chain [1] start processing
02:29:22 - cmdstanpy - INFO - Chain [1] done processing
02:29:22 - cmdstanpy - INFO - Chain [1] start processing
02:29:22 - cmdstanpy - INFO - Chain [1] done processing
02:29:23 - cmdstanpy - INFO - Chain [1] start processing
02:29:23 - cmdstanpy - INFO - Chain [1] done processing
02:29:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:23 - cmdstanpy - INFO - Chain [1] start processing
02:29:23 - cmdstanpy - INFO - Chain [1] done processing
02:29:23 - cmdstanpy - INFO - Chain [1] start processing
02:29:23 - cmdstanpy - INFO - Chain [1] done processing
02:29:24 - cmdstanpy - INFO - Chain [1] start processing
02:29:24 - cmdstanpy - INFO - Chain [1] done processing
02:29:24 - cmdstanpy - INFO - Chain [1] start processing
02:29:24 - cmdstanpy - INFO - Chain [1] done processing
02:29:25 - cmdstanpy - INFO - Chain [1] start processing
02:29:25 - cmdstanpy - INFO - Chain [1] done processing
02:29:25 - cmdstanpy - INFO - Chain [1] start processing
02:29:25 - cmdstanpy - INFO - Chain [1] done processing
02:29:25 - cmdstanpy - INFO - Chain [1] start processing
02:29:25 - cmdstanpy - INFO - Chain [1] done processing
02:29:26 - cmdstanpy - INFO - Chain [1] start processing
02:29:26 - cmdstanpy - INFO - Chain [1] done processing
02:29:26 - cmdstanpy - INFO - Chain [1] start processing
02:29:26 - cmdstanpy - INFO - Chain [1] done processing
02:29:27 - cmdstanpy - INFO - Chain [1] start processing
02:29:27 - cmdstanpy - INFO - Chain [1] done processing
02:29:27 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:29:27 - cmdstanpy - INFO - Chain [1] start processing
02:29:27 - cmdstanpy - INFO - Chain [1] done processing
02:29:27 - cmdstanpy - INFO - Chain [1] start processing
02:29:27 - cmdstanpy - INFO - Chain [1] done processing
02:29:28 - cmdstanpy - INFO - Chain [1] start processing
02:29:28 - cmdstanpy - INFO - Chain [1] done processing
02:29:28 - cmdstanpy - INFO - Chain [1] start processing
02:29:28 - cmdstanpy - INFO - Chain [1] done processing
02:29:28 - cmdstanpy - INFO - Chain [1] start processing
02:29:29 - cmdstanpy - INFO - Chain [1] done processing
02:29:29 - cmdstanpy - INFO - Chain [1] start processing
02:29:29 - cmdstanpy - INFO - Chain [1] done processing
02:29:29 - cmdstanpy - INFO - Chain [1] start processing
02:29:29 - cmdstanpy - INFO - Chain [1] done processing
02:29:30 - cmdstanpy - INFO - Chain [1] start processing
02:29:30 - cmdstanpy - INFO - Chain [1] done processing
02:29:30 - cmdstanpy - INFO - Chain [1] start processing
02:29:30 - cmdstanpy - INFO - Chain [1] done processing
02:29:31 - cmdstanpy - INFO - Chain [1] start processing
02:29:31 - cmdstanpy - INFO - Chain [1] done processing
02:29:31 - cmdstanpy - INFO - Chain [1] start processing
02:29:31 - cmdstanpy - INFO - Chain [1] done processing
02:29:31 - cmdstanpy - INFO - Chain [1] start processing
02:29:31 - cmdstanpy - INFO - Chain [1] done processing
02:29:31 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:31 - cmdstanpy - INFO - Chain [1] start processing
02:29:32 - cmdstanpy - INFO - Chain [1] done processing
02:29:32 - cmdstanpy - INFO - Chain [1] start processing
02:29:32 - cmdstanpy - INFO - Chain [1] done processing
02:29:33 - cmdstanpy - INFO - Chain [1] start processing
02:29:33 - cmdstanpy - INFO - Chain [1] done processing
02:29:33 - cmdstanpy - INFO - Chain [1] start processing
02:29:33 - cmdstanpy - INFO - Chain [1] done processing
02:29:33 - cmdstanpy - INFO - Chain [1] start processing
02:29:34 - cmdstanpy - INFO - Chain [1] done processing
02:29:34 - cmdstanpy - INFO - Chain [1] start processing
02:29:34 - cmdstanpy - INFO - Chain [1] done processing
02:29:35 - cmdstanpy - INFO - Chain [1] start processing
02:29:35 - cmdstanpy - INFO - Chain [1] done processing
02:29:35 - cmdstanpy - INFO - Chain [1] start processing
02:29:35 - cmdstanpy - INFO - Chain [1] done processing
02:29:36 - cmdstanpy - INFO - Chain [1] start processing
02:29:36 - cmdstanpy - INFO - Chain [1] done processing
02:29:36 - cmdstanpy - INFO - Chain [1] start processing
02:29:36 - cmdstanpy - INFO - Chain [1] done processing
02:29:37 - cmdstanpy - INFO - Chain [1] start processing
02:29:37 - cmdstanpy - INFO - Chain [1] done processing
02:29:37 - cmdstanpy - INFO - Chain [1] start processing
02:29:37 - cmdstanpy - INFO - Chain [1] done processing
02:29:38 - cmdstanpy - INFO - Chain [1] start processing
02:29:38 - cmdstanpy - INFO - Chain [1] done processing
02:29:38 - cmdstanpy - INFO - Chain [1] start processing
02:29:38 - cmdstanpy - INFO - Chain [1] done processing
02:29:38 - cmdstanpy - INFO - Chain [1] start processing
02:29:38 - cmdstanpy - INFO - Chain [1] done processing
02:29:39 - cmdstanpy - INFO - Chain [1] start processing
02:29:39 - cmdstanpy - INFO - Chain [1] done processing
02:29:39 - cmdstanpy - INFO - Chain [1] start processing
02:29:39 - cmdstanpy - INFO - Chain [1] done processing
02:29:40 - cmdstanpy - INFO - Chain [1] start processing
02:29:40 - cmdstanpy - INFO - Chain [1] done processing
02:29:40 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:29:40 - cmdstanpy - INFO - Chain [1] done processing
02:29:41 - cmdstanpy - INFO - Chain [1] start processing
02:29:41 - cmdstanpy - INFO - Chain [1] done processing
02:29:41 - cmdstanpy - INFO - Chain [1] start processing
02:29:41 - cmdstanpy - INFO - Chain [1] done processing
02:29:41 - cmdstanpy - INFO - Chain [1] start processing
02:29:41 - cmdstanpy - INFO - Chain [1] done processing
02:29:42 - cmdstanpy - INFO - Chain [1] start processing
02:29:42 - cmdstanpy - INFO - Chain [1] done processing
02:29:42 - cmdstanpy - INFO - Chain [1] start processing
02:29:42 - cmdstanpy - INFO - Chain [1] done processing
02:29:43 - cmdstanpy - INFO - Chain [1] start processing
02:29:43 - cmdstanpy - INFO - Chain [1] done processing
02:29:43 - cmdstanpy - INFO - Chain [1] start processing
02:29:43 - cmdstanpy - INFO - Chain [1] done processing
02:29:44 - cmdstanpy - INFO - Chain [1] start processing
02:29:44 - cmdstanpy - INFO - Chain [1] done processing
02:29:44 - cmdstanpy - INFO - Chain [1] start processing
02:29:44 - cmdstanpy - INFO - Chain [1] done processing
02:29:44 - cmdstanpy - INFO - Chain [1] start processing
02:29:45 - cmdstanpy - INFO - Chain [1] done processing
02:29:45 - cmdstanpy - INFO - Chain [1] start processing
02:29:45 - cmdstanpy - INFO - Chain [1] done processing
02:29:45 - cmdstanpy - INFO - Chain [1] start processing
02:29:45 - cmdstanpy - INFO - Chain [1] done processing
02:29:46 - cmdstanpy - INFO - Chain [1] start processing
02:29:46 - cmdstanpy - INFO - Chain [1] done processing
02:29:46 - cmdstanpy - INFO - Chain [1] start processing
02:29:46 - cmdstanpy - INFO - Chain [1] done processing
02:29:47 - cmdstanpy - INFO - Chain [1] start processing
02:29:47 - cmdstanpy - INFO - Chain [1] done processing
02:29:47 - cmdstanpy - INFO - Chain [1] start processing
02:29:47 - cmdstanpy - INFO - Chain [1] done processing
02:29:48 - cmdstanpy - INFO - Chain [1] start processing
02:29:48 - cmdstanpy - INFO - Chain [1] done processing
02:29:48 - cmdstanpy - INFO - Chain [1] start processing
02:29:48 - cmdstanpy - INFO - Chain [1] done processing
02:29:48 - cmdstanpy - INFO - Chain [1] start processing
02:29:49 - cmdstanpy - INFO - Chain [1] done processing
02:29:49 - cmdstanpy - INFO - Chain [1] start processing
02:29:49 - cmdstanpy - INFO - Chain [1] done processing
02:29:49 - cmdstanpy - INFO - Chain [1] start processing
02:29:50 - cmdstanpy - INFO - Chain [1] done processing
02:29:50 - cmdstanpy - INFO - Chain [1] start processing
02:29:50 - cmdstanpy - INFO - Chain [1] done processing
02:29:50 - cmdstanpy - INFO - Chain [1] start processing
02:29:50 - cmdstanpy - INFO - Chain [1] done processing
02:29:51 - cmdstanpy - INFO - Chain [1] start processing
02:29:51 - cmdstanpy - INFO - Chain [1] done processing
02:29:51 - cmdstanpy - INFO - Chain [1] start processing
02:29:52 - cmdstanpy - INFO - Chain [1] done processing
02:29:52 - cmdstanpy - INFO - Chain [1] start processing
02:29:52 - cmdstanpy - INFO - Chain [1] done processing
02:29:52 - cmdstanpy - INFO - Chain [1] start processing
02:29:52 - cmdstanpy - INFO - Chain [1] done processing
02:29:53 - cmdstanpy - INFO - Chain [1] start processing
02:29:53 - cmdstanpy - INFO - Chain [1] done processing
02:29:53 - cmdstanpy - INFO - Chain [1] start processing
02:29:53 - cmdstanpy - INFO - Chain [1] done processing
02:29:53 - cmdstanpy - INFO - Chain [1] start processing
02:29:53 - cmdstanpy - INFO - Chain [1] done processing
02:29:53 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:53 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:29:54 - cmdstanpy - INFO - Chain [1] done processing
02:29:54 - cmdstanpy - INFO - Chain [1] start processing
02:29:54 - cmdstanpy - INFO - Chain [1] done processing
02:29:55 - cmdstanpy - INFO - Chain [1] start processing
02:29:55 - cmdstanpy - INFO - Chain [1] done processing
02:29:55 - cmdstanpy - INFO - Chain [1] start processing
02:29:55 - cmdstanpy - INFO - Chain [1] done processing
02:29:56 - cmdstanpy - INFO - Chain [1] start processing
02:29:56 - cmdstanpy - INFO - Chain [1] done processing
02:29:56 - cmdstanpy - INFO - Chain [1] start processing
02:29:56 - cmdstanpy - INFO - Chain [1] done processing
02:29:57 - cmdstanpy - INFO - Chain [1] start processing
02:29:57 - cmdstanpy - INFO - Chain [1] done processing
02:29:57 - cmdstanpy - INFO - Chain [1] start processing
02:29:57 - cmdstanpy - INFO - Chain [1] done processing
02:29:57 - cmdstanpy - INFO - Chain [1] start processing
02:29:57 - cmdstanpy - INFO - Chain [1] done processing
02:29:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:57 - cmdstanpy - INFO - Chain [1] start processing
02:29:58 - cmdstanpy - INFO - Chain [1] done processing
02:29:58 - cmdstanpy - INFO - Chain [1] start processing
02:29:58 - cmdstanpy - INFO - Chain [1] done processing
02:29:58 - cmdstanpy - INFO - Chain [1] start processing
02:29:58 - cmdstanpy - INFO - Chain [1] done processing
02:29:59 - cmdstanpy - INFO - Chain [1] start processing
02:29:59 - cmdstanpy - INFO - Chain [1] done processing
02:29:59 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:29:59 - cmdstanpy - INFO - Chain [1] start processing
02:29:59 - cmdstanpy - INFO - Chain [1] done processing
02:29:59 - cmdstanpy - INFO - Chain [1] start processing
02:30:00 - cmdstanpy - INFO - Chain [1] done processing
02:30:00 - cmdstanpy - INFO - Chain [1] start processing
02:30:00 - cmdstanpy - INFO - Chain [1] done processing
02:30:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:00 - cmdstanpy - INFO - Chain [1] start processing
02:30:00 - cmdstanpy - INFO - Chain [1] done processing
02:30:01 - cmdstanpy - INFO - Chain [1] start processing
02:30:01 - cmdstanpy - INFO - Chain [1] done processing
02:30:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:01 - cmdstanpy - INFO - Chain [1] start processing
02:30:01 - cmdstanpy - INFO - Chain [1] done processing
02:30:01 - cmdstanpy - INFO - Chain [1] start processing
02:30:01 - cmdstanpy - INFO - Chain [1] done processing
02:30:02 - cmdstanpy - INFO - Chain [1] start processing
02:30:02 - cmdstanpy - INFO - Chain [1] done processing
02:30:02 - cmdstanpy - INFO - Chain [1] start processing
02:30:02 - cmdstanpy - INFO - Chain [1] done processing
02:30:02 - cmdstanpy - INFO - Chain [1] start processing
02:30:03 - cmdstanpy - INFO - Chain [1] done processing
02:30:03 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:03 - cmdstanpy - INFO - Chain [1] start processing
02:30:03 - cmdstanpy - INFO - Chain [1] done processing
02:30:03 - cmdstanpy - INFO - Chain [1] start processing
02:30:03 - cmdstanpy - INFO - Chain [1] done processing
02:30:04 - cmdstanpy - INFO - Chain [1] start processing
02:30:04 - cmdstanpy - INFO - Chain [1] done processing
02:30:04 - cmdstanpy - INFO - Chain [1] start processing
02:30:04 - cmdstanpy - INFO - Chain [1] done processing
02:30:05 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:30:05 - cmdstanpy - INFO - Chain [1] done processing
02:30:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:05 - cmdstanpy - INFO - Chain [1] start processing
02:30:05 - cmdstanpy - INFO - Chain [1] done processing
02:30:05 - cmdstanpy - INFO - Chain [1] start processing
02:30:05 - cmdstanpy - INFO - Chain [1] done processing
02:30:06 - cmdstanpy - INFO - Chain [1] start processing
02:30:06 - cmdstanpy - INFO - Chain [1] done processing
02:30:06 - cmdstanpy - INFO - Chain [1] start processing
02:30:06 - cmdstanpy - INFO - Chain [1] done processing
02:30:06 - cmdstanpy - INFO - Chain [1] start processing
02:30:06 - cmdstanpy - INFO - Chain [1] done processing
02:30:07 - cmdstanpy - INFO - Chain [1] start processing
02:30:07 - cmdstanpy - INFO - Chain [1] done processing
02:30:07 - cmdstanpy - INFO - Chain [1] start processing
02:30:07 - cmdstanpy - INFO - Chain [1] done processing
02:30:08 - cmdstanpy - INFO - Chain [1] start processing
02:30:08 - cmdstanpy - INFO - Chain [1] done processing
02:30:08 - cmdstanpy - INFO - Chain [1] start processing
02:30:08 - cmdstanpy - INFO - Chain [1] done processing
02:30:08 - cmdstanpy - INFO - Chain [1] start processing
02:30:09 - cmdstanpy - INFO - Chain [1] done processing
02:30:09 - cmdstanpy - INFO - Chain [1] start processing
02:30:09 - cmdstanpy - INFO - Chain [1] done processing
02:30:09 - cmdstanpy - INFO - Chain [1] start processing
02:30:09 - cmdstanpy - INFO - Chain [1] done processing
02:30:10 - cmdstanpy - INFO - Chain [1] start processing
02:30:10 - cmdstanpy - INFO - Chain [1] done processing
02:30:10 - cmdstanpy - INFO - Chain [1] start processing
02:30:10 - cmdstanpy - INFO - Chain [1] done processing
02:30:10 - cmdstanpy - INFO - Chain [1] start processing
02:30:11 - cmdstanpy - INFO - Chain [1] done processing
02:30:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:11 - cmdstanpy - INFO - Chain [1] start processing
02:30:11 - cmdstanpy - INFO - Chain [1] done processing
02:30:11 - cmdstanpy - INFO - Chain [1] start processing
02:30:11 - cmdstanpy - INFO - Chain [1] done processing
02:30:11 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:11 - cmdstanpy - INFO - Chain [1] start processing
02:30:11 - cmdstanpy - INFO - Chain [1] done processing
02:30:12 - cmdstanpy - INFO - Chain [1] start processing
02:30:12 - cmdstanpy - INFO - Chain [1] done processing
02:30:12 - cmdstanpy - INFO - Chain [1] start processing
02:30:12 - cmdstanpy - INFO - Chain [1] done processing
02:30:13 - cmdstanpy - INFO - Chain [1] start processing
02:30:13 - cmdstanpy - INFO - Chain [1] done processing
02:30:13 - cmdstanpy - INFO - Chain [1] start processing
02:30:13 - cmdstanpy - INFO - Chain [1] done processing
02:30:13 - cmdstanpy - INFO - Chain [1] start processing
02:30:13 - cmdstanpy - INFO - Chain [1] done processing
02:30:14 - cmdstanpy - INFO - Chain [1] start processing
02:30:14 - cmdstanpy - INFO - Chain [1] done processing
02:30:14 - cmdstanpy - INFO - Chain [1] start processing
02:30:14 - cmdstanpy - INFO - Chain [1] done processing
02:30:15 - cmdstanpy - INFO - Chain [1] start processing
02:30:15 - cmdstanpy - INFO - Chain [1] done processing
02:30:15 - cmdstanpy - INFO - Chain [1] start processing
02:30:15 - cmdstanpy - INFO - Chain [1] done processing
02:30:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:15 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:30:15 - cmdstanpy - INFO - Chain [1] done processing
02:30:16 - cmdstanpy - INFO - Chain [1] start processing
02:30:16 - cmdstanpy - INFO - Chain [1] done processing
02:30:16 - cmdstanpy - INFO - Chain [1] start processing
02:30:16 - cmdstanpy - INFO - Chain [1] done processing
02:30:16 - cmdstanpy - INFO - Chain [1] start processing
02:30:16 - cmdstanpy - INFO - Chain [1] done processing
02:30:17 - cmdstanpy - INFO - Chain [1] start processing
02:30:17 - cmdstanpy - INFO - Chain [1] done processing
02:30:17 - cmdstanpy - INFO - Chain [1] start processing
02:30:17 - cmdstanpy - INFO - Chain [1] done processing
02:30:18 - cmdstanpy - INFO - Chain [1] start processing
02:30:18 - cmdstanpy - INFO - Chain [1] done processing
02:30:18 - cmdstanpy - INFO - Chain [1] start processing
02:30:18 - cmdstanpy - INFO - Chain [1] done processing
02:30:18 - cmdstanpy - INFO - Chain [1] start processing
02:30:18 - cmdstanpy - INFO - Chain [1] done processing
02:30:18 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:18 - cmdstanpy - INFO - Chain [1] start processing
02:30:19 - cmdstanpy - INFO - Chain [1] done processing
02:30:19 - cmdstanpy - INFO - Chain [1] start processing
02:30:19 - cmdstanpy - INFO - Chain [1] done processing
02:30:20 - cmdstanpy - INFO - Chain [1] start processing
02:30:20 - cmdstanpy - INFO - Chain [1] done processing
02:30:20 - cmdstanpy - INFO - Chain [1] start processing
02:30:20 - cmdstanpy - INFO - Chain [1] done processing
02:30:20 - cmdstanpy - INFO - Chain [1] start processing
02:30:20 - cmdstanpy - INFO - Chain [1] done processing
02:30:21 - cmdstanpy - INFO - Chain [1] start processing
02:30:21 - cmdstanpy - INFO - Chain [1] done processing
02:30:21 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:21 - cmdstanpy - INFO - Chain [1] start processing
02:30:21 - cmdstanpy - INFO - Chain [1] done processing
02:30:22 - cmdstanpy - INFO - Chain [1] start processing
02:30:22 - cmdstanpy - INFO - Chain [1] done processing
02:30:22 - cmdstanpy - INFO - Chain [1] start processing
02:30:22 - cmdstanpy - INFO - Chain [1] done processing
02:30:23 - cmdstanpy - INFO - Chain [1] start processing
02:30:23 - cmdstanpy - INFO - Chain [1] done processing
02:30:23 - cmdstanpy - INFO - Chain [1] start processing
02:30:23 - cmdstanpy - INFO - Chain [1] done processing
02:30:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:23 - cmdstanpy - INFO - Chain [1] start processing
02:30:23 - cmdstanpy - INFO - Chain [1] done processing
02:30:24 - cmdstanpy - INFO - Chain [1] start processing
02:30:24 - cmdstanpy - INFO - Chain [1] done processing
02:30:24 - cmdstanpy - INFO - Chain [1] start processing
02:30:24 - cmdstanpy - INFO - Chain [1] done processing
02:30:24 - cmdstanpy - INFO - Chain [1] start processing
02:30:24 - cmdstanpy - INFO - Chain [1] done processing
02:30:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:24 - cmdstanpy - INFO - Chain [1] start processing
02:30:25 - cmdstanpy - INFO - Chain [1] done processing
02:30:25 - cmdstanpy - INFO - Chain [1] start processing
02:30:25 - cmdstanpy - INFO - Chain [1] done processing
02:30:25 - cmdstanpy - INFO - Chain [1] start processing
02:30:25 - cmdstanpy - INFO - Chain [1] done processing
02:30:26 - cmdstanpy - INFO - Chain [1] start processing
02:30:26 - cmdstanpy - INFO - Chain [1] done processing
02:30:26 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
```

```
Optimization terminated abnormally. Falling back to Newton.
02:30:26 - cmdstanpy - INFO - Chain [1] start processing
02:30:26 - cmdstanpy - INFO - Chain [1] done processing
02:30:27 - cmdstanpy - INFO - Chain [1] start processing
02:30:27 - cmdstanpy - INFO - Chain [1] done processing
02:30:27 - cmdstanpy - INFO - Chain [1] start processing
02:30:27 - cmdstanpy - INFO - Chain [1] done processing
02:30:27 - cmdstanpy - INFO - Chain [1] start processing
02:30:27 - cmdstanpy - INFO - Chain [1] done processing
02:30:28 - cmdstanpy - INFO - Chain [1] start processing
02:30:28 - cmdstanpy - INFO - Chain [1] done processing
02:30:28 - cmdstanpy - INFO - Chain [1] start processing
02:30:28 - cmdstanpy - INFO - Chain [1] done processing
02:30:29 - cmdstanpy - INFO - Chain [1] start processing
02:30:29 - cmdstanpy - INFO - Chain [1] done processing
02:30:29 - cmdstanpy - INFO - Chain [1] start processing
02:30:29 - cmdstanpy - INFO - Chain [1] done processing
02:30:30 - cmdstanpy - INFO - Chain [1] start processing
02:30:30 - cmdstanpy - INFO - Chain [1] done processing
02:30:30 - cmdstanpy - INFO - Chain [1] start processing
02:30:30 - cmdstanpy - INFO - Chain [1] done processing
02:30:30 - cmdstanpy - INFO - Chain [1] start processing
02:30:30 - cmdstanpy - INFO - Chain [1] done processing
02:30:30 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:30 - cmdstanpy - INFO - Chain [1] start processing
02:30:31 - cmdstanpy - INFO - Chain [1] done processing
02:30:31 - cmdstanpy - INFO - Chain [1] start processing
02:30:31 - cmdstanpy - INFO - Chain [1] done processing
02:30:31 - cmdstanpy - INFO - Chain [1] start processing
02:30:31 - cmdstanpy - INFO - Chain [1] done processing
02:30:32 - cmdstanpy - INFO - Chain [1] start processing
02:30:32 - cmdstanpy - INFO - Chain [1] done processing
02:30:32 - cmdstanpy - INFO - Chain [1] start processing
02:30:32 - cmdstanpy - INFO - Chain [1] done processing
02:30:32 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:32 - cmdstanpy - INFO - Chain [1] start processing
02:30:32 - cmdstanpy - INFO - Chain [1] done processing
02:30:33 - cmdstanpy - INFO - Chain [1] start processing
02:30:33 - cmdstanpy - INFO - Chain [1] done processing
02:30:33 - cmdstanpy - INFO - Chain [1] start processing
02:30:33 - cmdstanpy - INFO - Chain [1] done processing
02:30:34 - cmdstanpy - INFO - Chain [1] start processing
02:30:34 - cmdstanpy - INFO - Chain [1] done processing
02:30:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:34 - cmdstanpy - INFO - Chain [1] start processing
02:30:34 - cmdstanpy - INFO - Chain [1] done processing
02:30:34 - cmdstanpy - INFO - Chain [1] start processing
02:30:34 - cmdstanpy - INFO - Chain [1] done processing
02:30:35 - cmdstanpy - INFO - Chain [1] start processing
02:30:35 - cmdstanpy - INFO - Chain [1] done processing
02:30:35 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:35 - cmdstanpy - INFO - Chain [1] start processing
02:30:35 - cmdstanpy - INFO - Chain [1] done processing
02:30:35 - cmdstanpy - INFO - Chain [1] start processing
02:30:35 - cmdstanpy - INFO - Chain [1] done processing
02:30:36 - cmdstanpy - INFO - Chain [1] start processing
02:30:36 - cmdstanpy - INFO - Chain [1] done processing
02:30:36 - cmdstanpy - INFO - Chain [1] start processing
02:30:37 - cmdstanpy - INFO - Chain [1] done processing
02:30:37 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:30:37 - cmdstanpy - INFO - Chain [1] done processing
02:30:37 - cmdstanpy - INFO - Chain [1] start processing
02:30:37 - cmdstanpy - INFO - Chain [1] done processing
02:30:38 - cmdstanpy - INFO - Chain [1] start processing
02:30:38 - cmdstanpy - INFO - Chain [1] done processing
02:30:38 - cmdstanpy - INFO - Chain [1] start processing
02:30:38 - cmdstanpy - INFO - Chain [1] done processing
02:30:39 - cmdstanpy - INFO - Chain [1] start processing
02:30:39 - cmdstanpy - INFO - Chain [1] done processing
02:30:39 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:39 - cmdstanpy - INFO - Chain [1] start processing
02:30:39 - cmdstanpy - INFO - Chain [1] done processing
02:30:39 - cmdstanpy - INFO - Chain [1] start processing
02:30:39 - cmdstanpy - INFO - Chain [1] done processing
02:30:40 - cmdstanpy - INFO - Chain [1] start processing
02:30:40 - cmdstanpy - INFO - Chain [1] done processing
02:30:40 - cmdstanpy - INFO - Chain [1] start processing
02:30:40 - cmdstanpy - INFO - Chain [1] done processing
02:30:40 - cmdstanpy - INFO - Chain [1] start processing
02:30:41 - cmdstanpy - INFO - Chain [1] done processing
02:30:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:41 - cmdstanpy - INFO - Chain [1] start processing
02:30:41 - cmdstanpy - INFO - Chain [1] done processing
02:30:41 - cmdstanpy - INFO - Chain [1] start processing
02:30:41 - cmdstanpy - INFO - Chain [1] done processing
02:30:41 - cmdstanpy - INFO - Chain [1] start processing
02:30:41 - cmdstanpy - INFO - Chain [1] done processing
02:30:42 - cmdstanpy - INFO - Chain [1] start processing
02:30:42 - cmdstanpy - INFO - Chain [1] done processing
02:30:42 - cmdstanpy - INFO - Chain [1] start processing
02:30:42 - cmdstanpy - INFO - Chain [1] done processing
02:30:42 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:42 - cmdstanpy - INFO - Chain [1] start processing
02:30:42 - cmdstanpy - INFO - Chain [1] done processing
02:30:43 - cmdstanpy - INFO - Chain [1] start processing
02:30:43 - cmdstanpy - INFO - Chain [1] done processing
02:30:43 - cmdstanpy - INFO - Chain [1] start processing
02:30:43 - cmdstanpy - INFO - Chain [1] done processing
02:30:44 - cmdstanpy - INFO - Chain [1] start processing
02:30:44 - cmdstanpy - INFO - Chain [1] done processing
02:30:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:44 - cmdstanpy - INFO - Chain [1] start processing
02:30:44 - cmdstanpy - INFO - Chain [1] done processing
02:30:44 - cmdstanpy - INFO - Chain [1] start processing
02:30:44 - cmdstanpy - INFO - Chain [1] done processing
02:30:44 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:44 - cmdstanpy - INFO - Chain [1] start processing
02:30:44 - cmdstanpy - INFO - Chain [1] done processing
02:30:45 - cmdstanpy - INFO - Chain [1] start processing
02:30:45 - cmdstanpy - INFO - Chain [1] done processing
02:30:45 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:45 - cmdstanpy - INFO - Chain [1] start processing
02:30:45 - cmdstanpy - INFO - Chain [1] done processing
02:30:45 - cmdstanpy - INFO - Chain [1] start processing
02:30:46 - cmdstanpy - INFO - Chain [1] done processing
02:30:46 - cmdstanpy - INFO - Chain [1] start processing
02:30:46 - cmdstanpy - INFO - Chain [1] done processing
02:30:46 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:30:46 - cmdstanpy - INFO - Chain [1] done processing
02:30:46 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:46 - cmdstanpy - INFO - Chain [1] start processing
02:30:47 - cmdstanpy - INFO - Chain [1] done processing
02:30:47 - cmdstanpy - INFO - Chain [1] start processing
02:30:47 - cmdstanpy - INFO - Chain [1] done processing
02:30:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:47 - cmdstanpy - INFO - Chain [1] start processing
02:30:47 - cmdstanpy - INFO - Chain [1] done processing
02:30:48 - cmdstanpy - INFO - Chain [1] start processing
02:30:48 - cmdstanpy - INFO - Chain [1] done processing
02:30:48 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:48 - cmdstanpy - INFO - Chain [1] start processing
02:30:48 - cmdstanpy - INFO - Chain [1] done processing
02:30:48 - cmdstanpy - INFO - Chain [1] start processing
02:30:48 - cmdstanpy - INFO - Chain [1] done processing
02:30:49 - cmdstanpy - INFO - Chain [1] start processing
02:30:49 - cmdstanpy - INFO - Chain [1] done processing
02:30:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:49 - cmdstanpy - INFO - Chain [1] start processing
02:30:49 - cmdstanpy - INFO - Chain [1] done processing
02:30:49 - cmdstanpy - INFO - Chain [1] start processing
02:30:49 - cmdstanpy - INFO - Chain [1] done processing
02:30:49 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:49 - cmdstanpy - INFO - Chain [1] start processing
02:30:50 - cmdstanpy - INFO - Chain [1] done processing
02:30:50 - cmdstanpy - INFO - Chain [1] start processing
02:30:50 - cmdstanpy - INFO - Chain [1] done processing
02:30:50 - cmdstanpy - INFO - Chain [1] start processing
02:30:50 - cmdstanpy - INFO - Chain [1] done processing
02:30:50 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:50 - cmdstanpy - INFO - Chain [1] start processing
02:30:51 - cmdstanpy - INFO - Chain [1] done processing
02:30:51 - cmdstanpy - INFO - Chain [1] start processing
02:30:51 - cmdstanpy - INFO - Chain [1] done processing
02:30:51 - cmdstanpy - INFO - Chain [1] start processing
02:30:51 - cmdstanpy - INFO - Chain [1] done processing
02:30:52 - cmdstanpy - INFO - Chain [1] start processing
02:30:52 - cmdstanpy - INFO - Chain [1] done processing
02:30:52 - cmdstanpy - INFO - Chain [1] start processing
02:30:52 - cmdstanpy - INFO - Chain [1] done processing
02:30:53 - cmdstanpy - INFO - Chain [1] start processing
02:30:53 - cmdstanpy - INFO - Chain [1] done processing
02:30:53 - cmdstanpy - INFO - Chain [1] start processing
02:30:53 - cmdstanpy - INFO - Chain [1] done processing
02:30:53 - cmdstanpy - INFO - Chain [1] start processing
02:30:54 - cmdstanpy - INFO - Chain [1] done processing
02:30:54 - cmdstanpy - INFO - Chain [1] start processing
02:30:54 - cmdstanpy - INFO - Chain [1] done processing
02:30:54 - cmdstanpy - INFO - Chain [1] start processing
02:30:54 - cmdstanpy - INFO - Chain [1] done processing
02:30:55 - cmdstanpy - INFO - Chain [1] start processing
02:30:55 - cmdstanpy - INFO - Chain [1] done processing
02:30:55 - cmdstanpy - INFO - Chain [1] start processing
02:30:55 - cmdstanpy - INFO - Chain [1] done processing
02:30:56 - cmdstanpy - INFO - Chain [1] start processing
02:30:56 - cmdstanpy - INFO - Chain [1] done processing
02:30:56 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:30:56 - cmdstanpy - INFO - Chain [1] done processing
02:30:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:30:56 - cmdstanpy - INFO - Chain [1] start processing
02:30:56 - cmdstanpy - INFO - Chain [1] done processing
02:30:57 - cmdstanpy - INFO - Chain [1] start processing
02:30:57 - cmdstanpy - INFO - Chain [1] done processing
02:30:57 - cmdstanpy - INFO - Chain [1] start processing
02:30:57 - cmdstanpy - INFO - Chain [1] done processing
02:30:58 - cmdstanpy - INFO - Chain [1] start processing
02:30:58 - cmdstanpy - INFO - Chain [1] done processing
02:30:58 - cmdstanpy - INFO - Chain [1] start processing
02:30:58 - cmdstanpy - INFO - Chain [1] done processing
02:30:58 - cmdstanpy - INFO - Chain [1] start processing
02:30:58 - cmdstanpy - INFO - Chain [1] done processing
02:30:59 - cmdstanpy - INFO - Chain [1] start processing
02:30:59 - cmdstanpy - INFO - Chain [1] done processing
02:30:59 - cmdstanpy - INFO - Chain [1] start processing
02:30:59 - cmdstanpy - INFO - Chain [1] done processing
02:31:00 - cmdstanpy - INFO - Chain [1] start processing
02:31:00 - cmdstanpy - INFO - Chain [1] done processing
02:31:00 - cmdstanpy - INFO - Chain [1] start processing
02:31:00 - cmdstanpy - INFO - Chain [1] done processing
02:31:00 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:00 - cmdstanpy - INFO - Chain [1] start processing
02:31:00 - cmdstanpy - INFO - Chain [1] done processing
02:31:01 - cmdstanpy - INFO - Chain [1] start processing
02:31:01 - cmdstanpy - INFO - Chain [1] done processing
02:31:01 - cmdstanpy - INFO - Chain [1] start processing
02:31:01 - cmdstanpy - INFO - Chain [1] done processing
02:31:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:01 - cmdstanpy - INFO - Chain [1] start processing
02:31:02 - cmdstanpy - INFO - Chain [1] done processing
02:31:02 - cmdstanpy - INFO - Chain [1] start processing
02:31:02 - cmdstanpy - INFO - Chain [1] done processing
02:31:02 - cmdstanpy - INFO - Chain [1] start processing
02:31:03 - cmdstanpy - INFO - Chain [1] done processing
02:31:03 - cmdstanpy - INFO - Chain [1] start processing
02:31:03 - cmdstanpy - INFO - Chain [1] done processing
02:31:03 - cmdstanpy - INFO - Chain [1] start processing
02:31:03 - cmdstanpy - INFO - Chain [1] done processing
02:31:04 - cmdstanpy - INFO - Chain [1] start processing
02:31:04 - cmdstanpy - INFO - Chain [1] done processing
02:31:04 - cmdstanpy - INFO - Chain [1] start processing
02:31:04 - cmdstanpy - INFO - Chain [1] done processing
02:31:05 - cmdstanpy - INFO - Chain [1] start processing
02:31:05 - cmdstanpy - INFO - Chain [1] done processing
02:31:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:05 - cmdstanpy - INFO - Chain [1] start processing
02:31:05 - cmdstanpy - INFO - Chain [1] done processing
02:31:05 - cmdstanpy - INFO - Chain [1] start processing
02:31:05 - cmdstanpy - INFO - Chain [1] done processing
02:31:05 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:05 - cmdstanpy - INFO - Chain [1] start processing
02:31:06 - cmdstanpy - INFO - Chain [1] done processing
02:31:06 - cmdstanpy - INFO - Chain [1] start processing
02:31:06 - cmdstanpy - INFO - Chain [1] done processing
02:31:06 - cmdstanpy - INFO - Chain [1] start processing
02:31:06 - cmdstanpy - INFO - Chain [1] done processing
02:31:07 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:31:07 - cmdstanpy - INFO - Chain [1] done processing
02:31:07 - cmdstanpy - INFO - Chain [1] start processing
02:31:07 - cmdstanpy - INFO - Chain [1] done processing
02:31:08 - cmdstanpy - INFO - Chain [1] start processing
02:31:08 - cmdstanpy - INFO - Chain [1] done processing
02:31:08 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:08 - cmdstanpy - INFO - Chain [1] start processing
02:31:08 - cmdstanpy - INFO - Chain [1] done processing
02:31:08 - cmdstanpy - INFO - Chain [1] start processing
02:31:08 - cmdstanpy - INFO - Chain [1] done processing
02:31:09 - cmdstanpy - INFO - Chain [1] start processing
02:31:09 - cmdstanpy - INFO - Chain [1] done processing
02:31:09 - cmdstanpy - INFO - Chain [1] start processing
02:31:09 - cmdstanpy - INFO - Chain [1] done processing
02:31:09 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:09 - cmdstanpy - INFO - Chain [1] start processing
02:31:10 - cmdstanpy - INFO - Chain [1] done processing
02:31:10 - cmdstanpy - INFO - Chain [1] start processing
02:31:10 - cmdstanpy - INFO - Chain [1] done processing
02:31:10 - cmdstanpy - INFO - Chain [1] start processing
02:31:10 - cmdstanpy - INFO - Chain [1] done processing
02:31:11 - cmdstanpy - INFO - Chain [1] start processing
02:31:11 - cmdstanpy - INFO - Chain [1] done processing
02:31:11 - cmdstanpy - INFO - Chain [1] start processing
02:31:11 - cmdstanpy - INFO - Chain [1] done processing
02:31:11 - cmdstanpy - INFO - Chain [1] start processing
02:31:12 - cmdstanpy - INFO - Chain [1] done processing
02:31:12 - cmdstanpy - INFO - Chain [1] start processing
02:31:12 - cmdstanpy - INFO - Chain [1] done processing
02:31:12 - cmdstanpy - INFO - Chain [1] start processing
02:31:12 - cmdstanpy - INFO - Chain [1] done processing
02:31:13 - cmdstanpy - INFO - Chain [1] start processing
02:31:13 - cmdstanpy - INFO - Chain [1] done processing
02:31:13 - cmdstanpy - INFO - Chain [1] start processing
02:31:13 - cmdstanpy - INFO - Chain [1] done processing
02:31:14 - cmdstanpy - INFO - Chain [1] start processing
02:31:14 - cmdstanpy - INFO - Chain [1] done processing
02:31:14 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:14 - cmdstanpy - INFO - Chain [1] start processing
02:31:14 - cmdstanpy - INFO - Chain [1] done processing
02:31:14 - cmdstanpy - INFO - Chain [1] start processing
02:31:14 - cmdstanpy - INFO - Chain [1] done processing
02:31:15 - cmdstanpy - INFO - Chain [1] start processing
02:31:15 - cmdstanpy - INFO - Chain [1] done processing
02:31:15 - cmdstanpy - INFO - Chain [1] start processing
02:31:15 - cmdstanpy - INFO - Chain [1] done processing
02:31:15 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:15 - cmdstanpy - INFO - Chain [1] start processing
02:31:15 - cmdstanpy - INFO - Chain [1] done processing
02:31:16 - cmdstanpy - INFO - Chain [1] start processing
02:31:16 - cmdstanpy - INFO - Chain [1] done processing
02:31:16 - cmdstanpy - INFO - Chain [1] start processing
02:31:16 - cmdstanpy - INFO - Chain [1] done processing
02:31:17 - cmdstanpy - INFO - Chain [1] start processing
02:31:17 - cmdstanpy - INFO - Chain [1] done processing
02:31:17 - cmdstanpy - INFO - Chain [1] start processing
02:31:17 - cmdstanpy - INFO - Chain [1] done processing
02:31:17 - cmdstanpy - INFO - Chain [1] start processing
02:31:17 - cmdstanpy - INFO - Chain [1] done processing
02:31:18 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:31:18 - cmdstanpy - INFO - Chain [1] done processing
02:31:18 - cmdstanpy - INFO - Chain [1] start processing
02:31:18 - cmdstanpy - INFO - Chain [1] done processing
02:31:19 - cmdstanpy - INFO - Chain [1] start processing
02:31:19 - cmdstanpy - INFO - Chain [1] done processing
02:31:19 - cmdstanpy - INFO - Chain [1] start processing
02:31:19 - cmdstanpy - INFO - Chain [1] done processing
02:31:20 - cmdstanpy - INFO - Chain [1] start processing
02:31:20 - cmdstanpy - INFO - Chain [1] done processing
02:31:20 - cmdstanpy - INFO - Chain [1] start processing
02:31:20 - cmdstanpy - INFO - Chain [1] done processing
02:31:20 - cmdstanpy - INFO - Chain [1] start processing
02:31:20 - cmdstanpy - INFO - Chain [1] done processing
02:31:21 - cmdstanpy - INFO - Chain [1] start processing
02:31:21 - cmdstanpy - INFO - Chain [1] done processing
02:31:21 - cmdstanpy - INFO - Chain [1] start processing
02:31:21 - cmdstanpy - INFO - Chain [1] done processing
02:31:22 - cmdstanpy - INFO - Chain [1] start processing
02:31:22 - cmdstanpy - INFO - Chain [1] done processing
02:31:22 - cmdstanpy - INFO - Chain [1] start processing
02:31:22 - cmdstanpy - INFO - Chain [1] done processing
02:31:22 - cmdstanpy - INFO - Chain [1] start processing
02:31:23 - cmdstanpy - INFO - Chain [1] done processing
02:31:23 - cmdstanpy - INFO - Chain [1] start processing
02:31:23 - cmdstanpy - INFO - Chain [1] done processing
02:31:23 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:23 - cmdstanpy - INFO - Chain [1] start processing
02:31:23 - cmdstanpy - INFO - Chain [1] done processing
02:31:24 - cmdstanpy - INFO - Chain [1] start processing
02:31:24 - cmdstanpy - INFO - Chain [1] done processing
02:31:24 - cmdstanpy - INFO - Chain [1] start processing
02:31:24 - cmdstanpy - INFO - Chain [1] done processing
02:31:24 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:24 - cmdstanpy - INFO - Chain [1] start processing
02:31:24 - cmdstanpy - INFO - Chain [1] done processing
02:31:25 - cmdstanpy - INFO - Chain [1] start processing
02:31:25 - cmdstanpy - INFO - Chain [1] done processing
02:31:25 - cmdstanpy - INFO - Chain [1] start processing
02:31:25 - cmdstanpy - INFO - Chain [1] done processing
02:31:26 - cmdstanpy - INFO - Chain [1] start processing
02:31:26 - cmdstanpy - INFO - Chain [1] done processing
02:31:26 - cmdstanpy - INFO - Chain [1] start processing
02:31:26 - cmdstanpy - INFO - Chain [1] done processing
02:31:26 - cmdstanpy - INFO - Chain [1] start processing
02:31:26 - cmdstanpy - INFO - Chain [1] done processing
02:31:27 - cmdstanpy - INFO - Chain [1] start processing
02:31:27 - cmdstanpy - INFO - Chain [1] done processing
02:31:27 - cmdstanpy - INFO - Chain [1] start processing
02:31:27 - cmdstanpy - INFO - Chain [1] done processing
02:31:28 - cmdstanpy - INFO - Chain [1] start processing
02:31:28 - cmdstanpy - INFO - Chain [1] done processing
02:31:28 - cmdstanpy - INFO - Chain [1] start processing
02:31:28 - cmdstanpy - INFO - Chain [1] done processing
02:31:28 - cmdstanpy - INFO - Chain [1] start processing
02:31:28 - cmdstanpy - INFO - Chain [1] done processing
02:31:29 - cmdstanpy - INFO - Chain [1] start processing
02:31:29 - cmdstanpy - INFO - Chain [1] done processing
02:31:29 - cmdstanpy - INFO - Chain [1] start processing
02:31:29 - cmdstanpy - INFO - Chain [1] done processing
02:31:30 - cmdstanpy - INFO - Chain [1] start processing
02:31:30 - cmdstanpy - INFO - Chain [1] done processing
02:31:30 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:31:30 - cmdstanpy - INFO - Chain [1] done processing
02:31:30 - cmdstanpy - INFO - Chain [1] start processing
02:31:31 - cmdstanpy - INFO - Chain [1] done processing
02:31:31 - cmdstanpy - INFO - Chain [1] start processing
02:31:31 - cmdstanpy - INFO - Chain [1] done processing
02:31:31 - cmdstanpy - INFO - Chain [1] start processing
02:31:31 - cmdstanpy - INFO - Chain [1] done processing
02:31:32 - cmdstanpy - INFO - Chain [1] start processing
02:31:32 - cmdstanpy - INFO - Chain [1] done processing
02:31:32 - cmdstanpy - INFO - Chain [1] start processing
02:31:32 - cmdstanpy - INFO - Chain [1] done processing
02:31:32 - cmdstanpy - INFO - Chain [1] start processing
02:31:33 - cmdstanpy - INFO - Chain [1] done processing
02:31:33 - cmdstanpy - INFO - Chain [1] start processing
02:31:33 - cmdstanpy - INFO - Chain [1] done processing
02:31:33 - cmdstanpy - INFO - Chain [1] start processing
02:31:33 - cmdstanpy - INFO - Chain [1] done processing
02:31:34 - cmdstanpy - INFO - Chain [1] start processing
02:31:34 - cmdstanpy - INFO - Chain [1] done processing
02:31:34 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:34 - cmdstanpy - INFO - Chain [1] start processing
02:31:34 - cmdstanpy - INFO - Chain [1] done processing
02:31:34 - cmdstanpy - INFO - Chain [1] start processing
02:31:34 - cmdstanpy - INFO - Chain [1] done processing
02:31:35 - cmdstanpy - INFO - Chain [1] start processing
02:31:35 - cmdstanpy - INFO - Chain [1] done processing
02:31:35 - cmdstanpy - INFO - Chain [1] start processing
02:31:35 - cmdstanpy - INFO - Chain [1] done processing
02:31:36 - cmdstanpy - INFO - Chain [1] start processing
02:31:36 - cmdstanpy - INFO - Chain [1] done processing
02:31:36 - cmdstanpy - INFO - Chain [1] start processing
02:31:36 - cmdstanpy - INFO - Chain [1] done processing
02:31:36 - cmdstanpy - INFO - Chain [1] start processing
02:31:36 - cmdstanpy - INFO - Chain [1] done processing
02:31:37 - cmdstanpy - INFO - Chain [1] start processing
02:31:37 - cmdstanpy - INFO - Chain [1] done processing
02:31:37 - cmdstanpy - INFO - Chain [1] start processing
02:31:37 - cmdstanpy - INFO - Chain [1] done processing
02:31:38 - cmdstanpy - INFO - Chain [1] start processing
02:31:38 - cmdstanpy - INFO - Chain [1] done processing
02:31:38 - cmdstanpy - INFO - Chain [1] start processing
02:31:38 - cmdstanpy - INFO - Chain [1] done processing
02:31:38 - cmdstanpy - INFO - Chain [1] start processing
02:31:39 - cmdstanpy - INFO - Chain [1] done processing
02:31:39 - cmdstanpy - INFO - Chain [1] start processing
02:31:39 - cmdstanpy - INFO - Chain [1] done processing
02:31:39 - cmdstanpy - INFO - Chain [1] start processing
02:31:39 - cmdstanpy - INFO - Chain [1] done processing
02:31:40 - cmdstanpy - INFO - Chain [1] start processing
02:31:40 - cmdstanpy - INFO - Chain [1] done processing
02:31:40 - cmdstanpy - INFO - Chain [1] start processing
02:31:40 - cmdstanpy - INFO - Chain [1] done processing
02:31:41 - cmdstanpy - INFO - Chain [1] start processing
02:31:41 - cmdstanpy - INFO - Chain [1] done processing
02:31:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:41 - cmdstanpy - INFO - Chain [1] start processing
02:31:41 - cmdstanpy - INFO - Chain [1] done processing
02:31:41 - cmdstanpy - INFO - Chain [1] start processing
02:31:41 - cmdstanpy - INFO - Chain [1] done processing
02:31:41 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:41 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:31:42 - cmdstanpy - INFO - Chain [1] done processing
02:31:42 - cmdstanpy - INFO - Chain [1] start processing
02:31:42 - cmdstanpy - INFO - Chain [1] done processing
02:31:42 - cmdstanpy - INFO - Chain [1] start processing
02:31:43 - cmdstanpy - INFO - Chain [1] done processing
02:31:43 - cmdstanpy - INFO - Chain [1] start processing
02:31:43 - cmdstanpy - INFO - Chain [1] done processing
02:31:43 - cmdstanpy - INFO - Chain [1] start processing
02:31:43 - cmdstanpy - INFO - Chain [1] done processing
02:31:43 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:43 - cmdstanpy - INFO - Chain [1] start processing
02:31:44 - cmdstanpy - INFO - Chain [1] done processing
02:31:44 - cmdstanpy - INFO - Chain [1] start processing
02:31:44 - cmdstanpy - INFO - Chain [1] done processing
02:31:44 - cmdstanpy - INFO - Chain [1] start processing
02:31:45 - cmdstanpy - INFO - Chain [1] done processing
02:31:45 - cmdstanpy - INFO - Chain [1] start processing
02:31:45 - cmdstanpy - INFO - Chain [1] done processing
02:31:45 - cmdstanpy - INFO - Chain [1] start processing
02:31:45 - cmdstanpy - INFO - Chain [1] done processing
02:31:46 - cmdstanpy - INFO - Chain [1] start processing
02:31:46 - cmdstanpy - INFO - Chain [1] done processing
02:31:46 - cmdstanpy - INFO - Chain [1] start processing
02:31:46 - cmdstanpy - INFO - Chain [1] done processing
02:31:46 - cmdstanpy - INFO - Chain [1] start processing
02:31:47 - cmdstanpy - INFO - Chain [1] done processing
02:31:47 - cmdstanpy - INFO - Chain [1] start processing
02:31:47 - cmdstanpy - INFO - Chain [1] done processing
02:31:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:47 - cmdstanpy - INFO - Chain [1] start processing
02:31:47 - cmdstanpy - INFO - Chain [1] done processing
02:31:47 - cmdstanpy - INFO - Chain [1] start processing
02:31:47 - cmdstanpy - INFO - Chain [1] done processing
02:31:47 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:47 - cmdstanpy - INFO - Chain [1] start processing
02:31:48 - cmdstanpy - INFO - Chain [1] done processing
02:31:48 - cmdstanpy - INFO - Chain [1] start processing
02:31:48 - cmdstanpy - INFO - Chain [1] done processing
02:31:49 - cmdstanpy - INFO - Chain [1] start processing
02:31:49 - cmdstanpy - INFO - Chain [1] done processing
02:31:49 - cmdstanpy - INFO - Chain [1] start processing
02:31:49 - cmdstanpy - INFO - Chain [1] done processing
02:31:49 - cmdstanpy - INFO - Chain [1] start processing
02:31:49 - cmdstanpy - INFO - Chain [1] done processing
02:31:50 - cmdstanpy - INFO - Chain [1] start processing
02:31:50 - cmdstanpy - INFO - Chain [1] done processing
02:31:50 - cmdstanpy - INFO - Chain [1] start processing
02:31:50 - cmdstanpy - INFO - Chain [1] done processing
02:31:51 - cmdstanpy - INFO - Chain [1] start processing
02:31:51 - cmdstanpy - INFO - Chain [1] done processing
02:31:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:51 - cmdstanpy - INFO - Chain [1] start processing
02:31:51 - cmdstanpy - INFO - Chain [1] done processing
02:31:51 - cmdstanpy - INFO - Chain [1] start processing
02:31:51 - cmdstanpy - INFO - Chain [1] done processing
02:31:51 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:51 - cmdstanpy - INFO - Chain [1] start processing
02:31:52 - cmdstanpy - INFO - Chain [1] done processing
02:31:52 - cmdstanpy - INFO - Chain [1] start processing
```

```
02:31:52 - cmdstanpy - INFO - Chain [1] done processing
02:31:52 - cmdstanpy - INFO - Chain [1] start processing
02:31:52 - cmdstanpy - INFO - Chain [1] done processing
02:31:53 - cmdstanpy - INFO - Chain [1] start processing
02:31:53 - cmdstanpy - INFO - Chain [1] done processing
02:31:53 - cmdstanpy - INFO - Chain [1] start processing
02:31:53 - cmdstanpy - INFO - Chain [1] done processing
02:31:54 - cmdstanpy - INFO - Chain [1] start processing
02:31:54 - cmdstanpy - INFO - Chain [1] done processing
02:31:54 - cmdstanpy - INFO - Chain [1] start processing
02:31:54 - cmdstanpy - INFO - Chain [1] done processing
02:31:55 - cmdstanpy - INFO - Chain [1] start processing
02:31:55 - cmdstanpy - INFO - Chain [1] done processing
02:31:55 - cmdstanpy - INFO - Chain [1] start processing
02:31:55 - cmdstanpy - INFO - Chain [1] done processing
02:31:55 - cmdstanpy - INFO - Chain [1] start processing
02:31:55 - cmdstanpy - INFO - Chain [1] done processing
02:31:56 - cmdstanpy - INFO - Chain [1] start processing
02:31:56 - cmdstanpy - INFO - Chain [1] done processing
02:31:56 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:56 - cmdstanpy - INFO - Chain [1] start processing
02:31:56 - cmdstanpy - INFO - Chain [1] done processing
02:31:56 - cmdstanpy - INFO - Chain [1] start processing
02:31:56 - cmdstanpy - INFO - Chain [1] done processing
02:31:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:57 - cmdstanpy - INFO - Chain [1] start processing
02:31:57 - cmdstanpy - INFO - Chain [1] done processing
02:31:57 - cmdstanpy - INFO - Chain [1] start processing
02:31:57 - cmdstanpy - INFO - Chain [1] done processing
02:31:57 - cmdstanpy - INFO - Chain [1] start processing
02:31:57 - cmdstanpy - INFO - Chain [1] done processing
02:31:57 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:31:58 - cmdstanpy - INFO - Chain [1] start processing
02:31:58 - cmdstanpy - INFO - Chain [1] done processing
02:31:58 - cmdstanpy - INFO - Chain [1] start processing
02:31:58 - cmdstanpy - INFO - Chain [1] done processing
02:31:59 - cmdstanpy - INFO - Chain [1] start processing
02:31:59 - cmdstanpy - INFO - Chain [1] done processing
02:31:59 - cmdstanpy - INFO - Chain [1] start processing
02:31:59 - cmdstanpy - INFO - Chain [1] done processing
02:31:59 - cmdstanpy - INFO - Chain [1] start processing
02:31:59 - cmdstanpy - INFO - Chain [1] done processing
02:32:00 - cmdstanpy - INFO - Chain [1] start processing
02:32:00 - cmdstanpy - INFO - Chain [1] done processing
02:32:00 - cmdstanpy - INFO - Chain [1] start processing
02:32:00 - cmdstanpy - INFO - Chain [1] done processing
02:32:01 - cmdstanpy - INFO - Chain [1] start processing
02:32:01 - cmdstanpy - INFO - Chain [1] done processing
02:32:01 - cmdstanpy - INFO - Chain [1] start processing
02:32:01 - cmdstanpy - INFO - Chain [1] done processing
02:32:01 - cmdstanpy - INFO - Chain [1] start processing
02:32:01 - cmdstanpy - INFO - Chain [1] done processing
02:32:01 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:32:01 - cmdstanpy - INFO - Chain [1] start processing
02:32:02 - cmdstanpy - INFO - Chain [1] done processing
02:32:02 - cmdstanpy - INFO - Chain [1] start processing
02:32:02 - cmdstanpy - INFO - Chain [1] done processing
02:32:03 - cmdstanpy - INFO - Chain [1] start processing
02:32:03 - cmdstanpy - INFO - Chain [1] done processing
02:32:03 - cmdstanpy - INFO - Chain [1] start processing
```

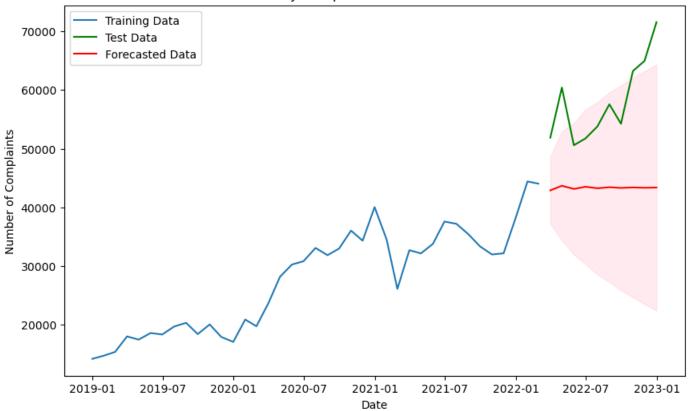
```
02:32:03 - cmdstanpy - INFO - Chain [1] done processing
02:32:03 - cmdstanpy - INFO - Chain [1] start processing
02:32:04 - cmdstanpy - INFO - Chain [1] done processing
02:32:04 - cmdstanpy - INFO - Chain [1] start processing
02:32:04 - cmdstanpy - INFO - Chain [1] done processing
02:32:04 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:32:04 - cmdstanpy - INFO - Chain [1] start processing
02:32:04 - cmdstanpy - INFO - Chain [1] done processing
02:32:05 - cmdstanpy - INFO - Chain [1] start processing
02:32:05 - cmdstanpy - INFO - Chain [1] done processing
02:32:05 - cmdstanpy - INFO - Chain [1] start processing
02:32:05 - cmdstanpy - INFO - Chain [1] done processing
02:32:05 - cmdstanpy - INFO - Chain [1] start processing
02:32:06 - cmdstanpy - INFO - Chain [1] done processing
02:32:06 - cmdstanpy - INFO - Chain [1] start processing
02:32:06 - cmdstanpy - INFO - Chain [1] done processing
02:32:06 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:32:06 - cmdstanpy - INFO - Chain [1] start processing
02:32:06 - cmdstanpy - INFO - Chain [1] done processing
02:32:07 - cmdstanpy - INFO - Chain [1] start processing
02:32:07 - cmdstanpy - INFO - Chain [1] done processing
02:32:07 - cmdstanpy - INFO - Chain [1] start processing
02:32:07 - cmdstanpy - INFO - Chain [1] done processing
02:32:07 - cmdstanpy - ERROR - Chain [1] error: error during processing Operation not permitted
Optimization terminated abnormally. Falling back to Newton.
02:32:07 - cmdstanpy - INFO - Chain [1] start processing
02:32:07 - cmdstanpy - INFO - Chain [1] done processing
02:32:08 - cmdstanpy - INFO - Chain [1] start processing
02:32:08 - cmdstanpy - INFO - Chain [1] done processing
02:32:08 - cmdstanpy - INFO - Chain [1] start processing
02:32:08 - cmdstanpy - INFO - Chain [1] done processing
02:32:09 - cmdstanpy - INFO - Chain [1] start processing
02:32:09 - cmdstanpy - INFO - Chain [1] done processing
```

IGNORE ARIMA AS IT DOESN'T WORK WELL FOR OUR NON- STATIONARY DATA

In []: #

```
In [15]:
         import pandas as pd
         from statsmodels.tsa.arima.model import ARIMA
         import matplotlib.pyplot as plt
         from sklearn.metrics import mean_absolute_error, mean_squared_error
         import numpy as np
         # Split the data into training and test sets
         train_size = int(len(monthly_complaints) * 0.8) # for example, using 80% of data for training
         train, test = monthly complaints[0:train size], monthly complaints[train size:]
         # Fit the ARIMA model on the training set
         arima_model = ARIMA(train, order=(1, 1, 1))
         arima results = arima model.fit()
         # Forecast the next 'n' months, where 'n' is the length of the test set
         forecast = arima_results.get_forecast(steps=len(test))
         # Plot the forecast alongside historical data
         plt.figure(figsize=(10, 6))
         plt.plot(train, label='Training Data')
         plt.plot(test, label='Test Data', color='green')
         plt.plot(forecast.predicted mean, label='Forecasted Data', color='red')
         plt.fill between(forecast.conf int().index,
                          forecast.conf_int().iloc[:, 0],
                          forecast.conf_int().iloc[:, 1], color='pink', alpha=0.3)
         plt.legend()
         plt.title('Monthly Complaints Forecast vs Actual')
         plt.xlabel('Date')
         plt.ylabel('Number of Complaints')
         plt.show()
         # Calculate performance metrics
         mae = mean_absolute_error(test, forecast.predicted_mean[:len(test)])
         mse = mean squared error(test, forecast.predicted mean[:len(test)])
         rmse = np.sqrt(mse)
         print(f'Mean Absolute Error: {mae}')
         print(f'Mean Squared Error: {mse}')
         print(f'Root Mean Squared Error: {rmse}')
```

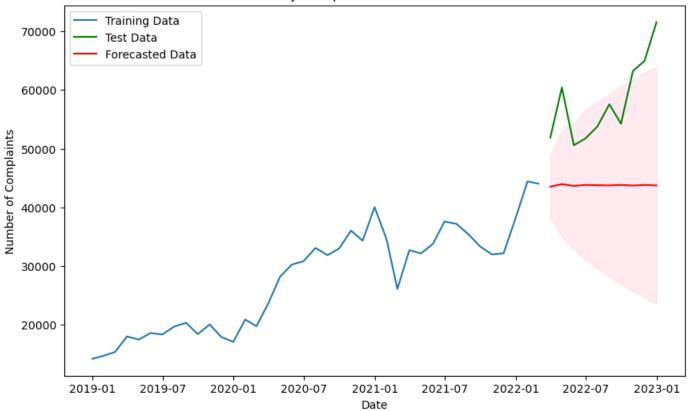
- C:\ProgramData\anaconda3\Lib\site-packages\statsmodels\tsa\statespace\sarimax.py:966: UserWarnin
- g: Non-stationary starting autoregressive parameters found. Using zeros as starting parameters. warn('Non-stationary starting autoregressive parameters'
- C:\ProgramData\anaconda3\Lib\site-packages\statsmodels\tsa\statespace\sarimax.py:978: UserWarnin
- g: Non-invertible starting MA parameters found. Using zeros as starting parameters. warn('Non-invertible starting MA parameters found.'



Mean Absolute Error: 14662.77923451206 Mean Squared Error: 256916020.17217654 Root Mean Squared Error: 16028.600069007167

In []:	
In []:	

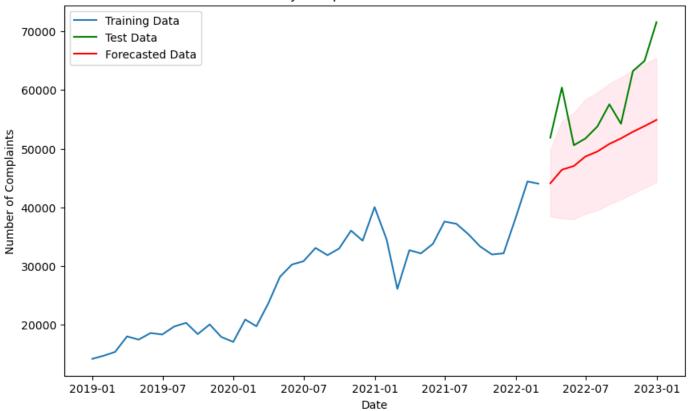
```
In [20]:
         import pandas as pd
         from statsmodels.tsa.arima.model import ARIMA
         import matplotlib.pyplot as plt
         from sklearn.metrics import mean_absolute_error, mean_squared_error
         import numpy as np
         # Split the data into training and test sets
         train size = int(len(monthly complaints) * 0.8) # for example, using 80% of data for training
         train, test = monthly complaints[0:train size], monthly complaints[train size:]
         # Fit the ARIMA model on the training set with increased iterations using method_kwargs
         arima model = ARIMA(train, order=(2, 1, 2))
         arima results = arima model.fit(method kwargs={"maxiter": 500, "disp": 0})
         # Forecast the next 'n' months, where 'n' is the length of the test set
         forecast = arima_results.get_forecast(steps=len(test))
         # Plot the forecast alongside historical data
         plt.figure(figsize=(10, 6))
         plt.plot(train.index, train, label='Training Data')
         plt.plot(test.index, test, label='Test Data', color='green')
         plt.plot(forecast.predicted_mean.index, forecast.predicted_mean, label='Forecasted Data', color=
         plt.fill between(forecast.conf int().index,
                          forecast.conf_int().iloc[:, 0],
                          forecast.conf int().iloc[:, 1], color='pink', alpha=0.3)
         plt.legend()
         plt.title('Monthly Complaints Forecast vs Actual')
         plt.xlabel('Date')
         plt.ylabel('Number of Complaints')
         plt.show()
         # Calculate performance metrics
         mae = mean absolute error(test, forecast.predicted mean[:len(test)])
         mse = mean_squared_error(test, forecast.predicted_mean[:len(test)])
         rmse = np.sqrt(mse)
         print(f'Mean Absolute Error: {mae}')
         print(f'Mean Squared Error: {mse}')
         print(f'Root Mean Squared Error: {rmse}')
```



Mean Absolute Error: 14236.724230770435 Mean Squared Error: 245218114.86004996 Root Mean Squared Error: 15659.441716103738

```
In [22]:
         import pandas as pd
         from statsmodels.tsa.arima.model import ARIMA
         import matplotlib.pyplot as plt
         from sklearn.metrics import mean_absolute_error, mean_squared_error
         import numpy as np
         # Split the data into training and test sets
         train size = int(len(monthly complaints) * 0.8) # for example, using 80% of data for training
         train, test = monthly complaints[0:train size], monthly complaints[train size:]
         # Fit an ARIMA model with a trend component
         arima model with trend = ARIMA(train, order=(2, 1, 2), trend='t') # 't' denotes a linear trend
         arima results with trend = arima model with trend.fit()
         # Forecast the next 'n' months, where 'n' is the length of the test set
         forecast = arima results with trend.get forecast(steps=len(test))
         # Plot the forecast alongside historical data
         plt.figure(figsize=(10, 6))
         plt.plot(train.index, train, label='Training Data')
         plt.plot(test.index, test, label='Test Data', color='green')
         plt.plot(forecast.predicted_mean.index, forecast.predicted_mean, label='Forecasted Data', color=
         plt.fill between(forecast.conf int().index,
                          forecast.conf int().iloc[:, 0],
                          forecast.conf_int().iloc[:, 1], color='pink', alpha=0.3)
         plt.legend()
         plt.title('Monthly Complaints Forecast vs Actual')
         plt.xlabel('Date')
         plt.ylabel('Number of Complaints')
         plt.show()
         # Calculate performance metrics
         mae = mean_absolute_error(test, forecast.predicted_mean[:len(test)])
         mse = mean_squared_error(test, forecast.predicted_mean[:len(test)])
         rmse = np.sqrt(mse)
         print(f'Mean Absolute Error: {mae}')
         print(f'Mean Squared Error: {mse}')
         print(f'Root Mean Squared Error: {rmse}')
```

C:\ProgramData\anaconda3\Lib\site-packages\statsmodels\base\model.py:607: ConvergenceWarning: Ma ximum Likelihood optimization failed to converge. Check mle_retvals warnings.warn("Maximum Likelihood optimization failed to "



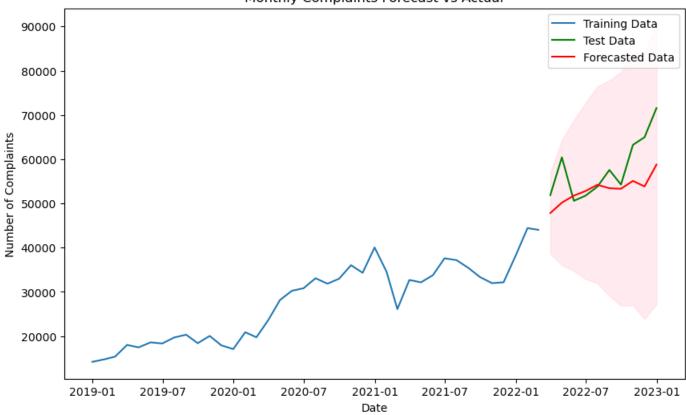
Mean Absolute Error: 8004.012074951155 Mean Squared Error: 85670114.34050556 Root Mean Squared Error: 9255.81516347996

```
from statsmodels.tsa.statespace.sarimax import SARIMAX
import matplotlib.pyplot as plt
from sklearn.metrics import mean_absolute_error, mean_squared_error
import numpy as np
# Split the data into training and test sets
train size = int(len(monthly complaints) * 0.8) # for example, using 80% of data for training
train, test = monthly complaints[0:train size], monthly complaints[train size:]
# 's' is the number of periods per season, e.g., 12 for monthly data with yearly seasonality
s = 12
# Fit a SARIMA model
sarima_model = SARIMAX(train, order=(2, 1, 2), seasonal_order=(1, 1, 1, s), trend='t')
sarima_results = sarima_model.fit()
# Fit a simplified SARIMA model by reducing seasonal order parameters
\#sarima\_model = SARIMAX(train, order=(2, 1, 2), seasonal\_order=(0, 1, 0, s), trend='t')
#sarima results = sarima model.fit(method kwarqs={"maxiter": 1000, "disp": 0})
# Forecast the next 'n' months, where 'n' is the length of the test set
forecast = sarima_results.get_forecast(steps=len(test))
# Plot the forecast alongside historical data
plt.figure(figsize=(10, 6))
plt.plot(train.index, train, label='Training Data')
plt.plot(test.index, test, label='Test Data', color='green')
plt.plot(forecast.predicted_mean.index, forecast.predicted_mean, label='Forecasted Data', color=
plt.fill_between(forecast.conf_int().index,
                 forecast.conf int().iloc[:, 0],
                 forecast.conf_int().iloc[:, 1], color='pink', alpha=0.3)
plt.legend()
plt.title('Monthly Complaints Forecast vs Actual')
plt.xlabel('Date')
plt.ylabel('Number of Complaints')
plt.show()
# Calculate performance metrics
mae = mean absolute error(test, forecast.predicted mean[:len(test)])
mse = mean_squared_error(test, forecast.predicted_mean[:len(test)])
rmse = np.sqrt(mse)
print(f'Mean Absolute Error: {mae}')
print(f'Mean Squared Error: {mse}')
print(f'Root Mean Squared Error: {rmse}')
C:\ProgramData\anaconda3\Lib\site-packages\statsmodels\tsa\statespace\sarimax.py:866: UserWarnin
g: Too few observations to estimate starting parameters for seasonal ARMA. All parameters except
for variances will be set to zeros.
 warn('Too few observations to estimate starting parameters%s.'
C:\ProgramData\anaconda3\Lib\site-packages\statsmodels\base\model.py:607: ConvergenceWarning: Ma
ximum Likelihood optimization failed to converge. Check mle retvals
```

warnings.warn("Maximum Likelihood optimization failed to "

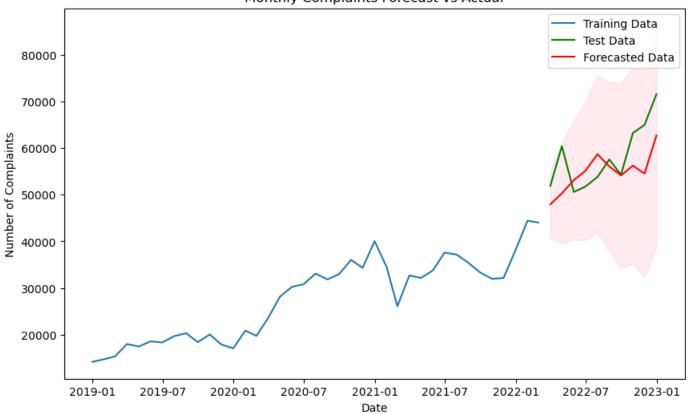
In [25]:

import pandas as pd



Mean Absolute Error: 5406.215656615262 Mean Squared Error: 49537397.945446014 Root Mean Squared Error: 7038.280894184745

```
In [26]:
         import pandas as pd
         from statsmodels.tsa.statespace.sarimax import SARIMAX
         import matplotlib.pyplot as plt
         from sklearn.metrics import mean_absolute_error, mean_squared_error
         import numpy as np
         # Split the data into training and test sets
         train size = int(len(monthly complaints) * 0.8) # for example, using 80% of data for training
         train, test = monthly complaints[0:train size], monthly complaints[train size:]
         s = 12
         # Fit a SARIMA model
         \#sarima\_model = SARIMAX(train, order=(2, 1, 2), seasonal\_order=(1, 1, 1, s), trend='t')
         #sarima_results = sarima_model.fit()
         # Fit a simplified SARIMA model by reducing seasonal order parameters
         sarima_model = SARIMAX(train, order=(2, 1, 2), seasonal_order=(0, 1, 0, s), trend='t')
         sarima_results = sarima_model.fit(maxiter=1000)
         # Forecast the next 'n' months, where 'n' is the Length of the test set
         forecast = sarima_results.get_forecast(steps=len(test))
         # Plot the forecast alongside historical data
         plt.figure(figsize=(10, 6))
         plt.plot(train.index, train, label='Training Data')
         plt.plot(test.index, test, label='Test Data', color='green')
         plt.plot(forecast.predicted_mean.index, forecast.predicted_mean, label='Forecasted Data', color=
         plt.fill_between(forecast.conf_int().index,
                          forecast.conf int().iloc[:, 0],
                          forecast.conf_int().iloc[:, 1], color='pink', alpha=0.3)
         plt.legend()
         plt.title('Monthly Complaints Forecast vs Actual')
         plt.xlabel('Date')
         plt.ylabel('Number of Complaints')
         plt.show()
         # Calculate performance metrics
         mae = mean absolute error(test, forecast.predicted mean[:len(test)])
         mse = mean_squared_error(test, forecast.predicted_mean[:len(test)])
         rmse = np.sqrt(mse)
         print(f'Mean Absolute Error: {mae}')
         print(f'Mean Squared Error: {mse}')
         print(f'Root Mean Squared Error: {rmse}')
```



Mean Absolute Error: 5280.666624539941 Mean Squared Error: 39844402.6061926

Root Mean Squared Error: 6312.2422803780755

In []: