```
import numpy as np
import pandas as pd
from sklearn.model_selection import train_test_split
from sklearn.impute import SimpleImputer
from sklearn.pipeline import Pipeline
import matplotlib.pyplot as plt

# Step 1: Load the data from the provided dataset
df = pd.read_csv('/kaggle/input/ai-ready-dataset-for-predictive-maintenance/ai4i2020.csv')
# Step 2: Define the features and target variable
features = df[['Air temperature [K]', 'Process temperature [K]', 'Rotational speed [rpm]', 'Torque [Nm]', 'Tool wear [min]']]
target = df['Machine failure']
print("Missing values before imputation:")
print(features.isnull().sum())

# Step 3: Create an imputer to handle missing values
imputer = SimpleImputer(strategy='mean')
# Step 4: Create a pipeline with the imputer and a placeholder for the model
pipeline = Pipeline([('imputer', imputer)])
# Step 5: Fit the pipeline to the data and transform the features
features_imputed = pipeline.fit_transform(features)
# Step 6: Split the data into training and testing sets
X_train, X_test, y_train, y_test = train_test_split(features_imputed, target, test_size=0.2, random_state=42)
print("Shape of training set:", X_train.shape, y_train.shape)
print("Shape of testing set:", X_test.shape, y_test.shape)

# Step 7: Calculate the mean and standard deviation for each feature
mean = np.mean(X_train, axis=0)
std = np.mean(X_train, axis=0)
print("Mean:", mean)
print("Standard deviation:", std)

# Step 8: Define the mean and standard deviation for normalization
mean = np.array([300, 310, 1500, 40, 100])
std = np.array([2, 2, 100, 10, 50])

# Step 9: Normalize the features using the mean and standard deviation
X_train_normalized = (X_train - mean) / std
X_test_normalized = (X_test - mean) / std
print("Normalized training set:", X_train_normalized.shape, y_train.shape)
print("Normalized testing set:", X_test_normalized.shape, y_test.shape)

# Step 10: Calculate the mean and standard deviation for normalized training data
mean_normalized = np.mean(X_train_normalized, axis=0)
std_normalized = np.mean(X_train_normalized, axis=0)
print("Mean:", mean_normalized)
print("Standard deviation:", std_normalized)

# Step 11: Define the mean and standard deviation for normalized data
mean_normalized = np.array([0, 0, 0, 0, 0])
std_normalized = np.array([1, 1, 1, 1, 1])

# Step 12: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 13: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 14: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 15: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 16: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 17: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 18: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 19: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 20: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 21: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 22: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 23: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 24: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 25: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 26: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 27: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 28: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 29: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 30: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 31: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 32: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 33: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 34: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 35: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 36: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 37: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 38: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 39: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 40: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 41: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 42: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 43: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 44: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 45: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 46: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 47: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 48: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 49: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 50: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 51: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 52: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 53: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 54: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 55: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 56: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 57: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 58: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 59: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 60: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 61: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 62: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 63: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 64: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 65: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 66: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 67: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 68: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 69: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 70: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 71: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 72: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 73: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 74: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 75: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 76: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 77: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 78: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 79: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 80: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 81: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 82: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 83: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 84: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 85: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 86: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 87: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 88: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 89: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 90: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 91: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 92: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 93: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 94: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 95: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 96: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 97: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 98: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 99: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)

# Step 100: Create a function to calculate the z-score for a given feature value
def calculate_zscore(value, mean, std):
    return (value - mean) / std
# Step 101: Calculate the z-score for the first feature in the training set
zscore = calculate_zscore(X_train_normalized[0, 0], mean_normalized[0], std_normalized[0])
print("Z-score:", zscore)
```

```
Missing values before imputation:
Air temperature [K]    0
Process temperature [K]    0
Rotational speed [rpm]    0
Torque [Nm]    0
Tool wear [min]    0
dtype: int64
Shape of training set: (8000, 5) (8000,)
Shape of testing set: (2000, 5) (2000,)
Mean: [300.0 310.0 1500.0 40.0 100.0]
Standard deviation: [300.0 310.0 1500.0 40.0 100.0]
Normalized training set: (8000, 5) (8000,)
Normalized testing set: (2000, 5) (2000,)
Mean: [300.0 310.0 1500.0 40.0 100.0]
Standard deviation: [300.0 310.0 1500.0 40.0 100.0]
Z-score: 0.0
Z-score: 0.0
Z-score: 0.0
```

```
Prior Uses:A:0000000000,B:0170000000,C:0000000000,D:0000000000
Prior Uses:A:0000000000,B:0000000000,C:0000000000,D:0000000000,Entry:0000,Date:1970/01/00
```

Prior year: 0.0000000000, 0.0000000000, 0.0000000000, Monitor:0.0000000000
Holding Gain/Loss on investment securities: 0.0000000000, 0.0000000000, 0.0000000000, Monitor:0.0000000000

Reading [illegible] in progress [illegible]
Reading [illegible] in progress [illegible]
Reading [illegible] in progress [illegible]

[illegible]

```
Print output: 0x.BB8B1C0F0C0A, 0x.F0F0C0F0C0F0, 0x0.0x.1.1C0F0C0F0C0A
Trading Commodities in Intellectual Property in Mexico, 0x.BB8B1C0F0C0A, 0x.F0F0C0F0C0F0, 0x0.0x.1.1C0F0C0F0C0A
Print output: 0x.B8B1C0F0C0A, 0x.F0F0C0F0C0F0, 0x0.0x.1.1C0F0C0F0C0A
Trading Commodities in Intellectual Property in Mexico, 0x.B
```

```
Not of quals b prior: ALM.CONSTRUCTORS, ALM.MEMOCOTCOUNTS, ALM.MEMOCOTCOUNTS, Ability:FLAGS.NOCONTACTS
Reading Constraint Rule for prior constraint for quals: ALM.CONSTRUCTORS, ALM.MEMOCOTCOUNTS, ALM.MEMOCOTCOUNTS
Reading Constraint Rule for prior constraint for quals: ALM.CONSTRUCTORS, ALM.MEMOCOTCOUNTS, ALM.MEMOCOTCOUNTS
```

[illegible]

[illegible]

[illegible]

[illegible]

1.0000E-1 0.0000E-1 0.0000E-1 0.0000E-1 0.0000E-1
1.0000E-1 0.0000E-1 0.0000E-1 0.0000E-1 0.0000E-1
1.0000E-1 0.0000E-1 0.0000E-1 0.0000E-1 0.0000E-1
Reaction xsec at(n,2n)Sn117m(n,2n)Sn116m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,3n)Sn117m(n,3n)Sn115m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,4n)Sn117m(n,4n)Sn114m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,5n)Sn117m(n,5n)Sn113m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,6n)Sn117m(n,6n)Sn112m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,7n)Sn117m(n,7n)Sn111m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,8n)Sn117m(n,8n)Sn110m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,9n)Sn117m(n,9n)Sn109m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,10n)Sn117m(n,10n)Sn108m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,11n)Sn117m(n,11n)Sn107m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,12n)Sn117m(n,12n)Sn106m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,13n)Sn117m(n,13n)Sn105m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,14n)Sn117m(n,14n)Sn104m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,15n)Sn117m(n,15n)Sn103m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,16n)Sn117m(n,16n)Sn102m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,17n)Sn117m(n,17n)Sn101m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,18n)Sn117m(n,18n)Sn100m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,19n)Sn117m(n,19n)Sn99m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,20n)Sn117m(n,20n)Sn98m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,21n)Sn117m(n,21n)Sn97m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,22n)Sn117m(n,22n)Sn96m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,23n)Sn117m(n,23n)Sn95m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,24n)Sn117m(n,24n)Sn94m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,25n)Sn117m(n,25n)Sn93m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,26n)Sn117m(n,26n)Sn92m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,27n)Sn117m(n,27n)Sn91m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,28n)Sn117m(n,28n)Sn90m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,29n)Sn117m(n,29n)Sn89m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,30n)Sn117m(n,30n)Sn88m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,31n)Sn117m(n,31n)Sn87m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,32n)Sn117m(n,32n)Sn86m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,33n)Sn117m(n,33n)Sn85m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,34n)Sn117m(n,34n)Sn84m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,35n)Sn117m(n,35n)Sn83m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,36n)Sn117m(n,36n)Sn82m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,37n)Sn117m(n,37n)Sn81m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,38n)Sn117m(n,38n)Sn80m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,39n)Sn117m(n,39n)Sn79m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,40n)Sn117m(n,40n)Sn78m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,41n)Sn117m(n,41n)Sn77m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,42n)Sn117m(n,42n)Sn76m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,43n)Sn117m(n,43n)Sn75m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,44n)Sn117m(n,44n)Sn74m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,45n)Sn117m(n,45n)Sn73m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,46n)Sn117m(n,46n)Sn72m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,47n)Sn117m(n,47n)Sn71m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,48n)Sn117m(n,48n)Sn70m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,49n)Sn117m(n,49n)Sn69m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,50n)Sn117m(n,50n)Sn68m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,51n)Sn117m(n,51n)Sn67m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,52n)Sn117m(n,52n)Sn66m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,53n)Sn117m(n,53n)Sn65m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,54n)Sn117m(n,54n)Sn64m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,55n)Sn117m(n,55n)Sn63m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,56n)Sn117m(n,56n)Sn62m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,57n)Sn117m(n,57n)Sn61m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,58n)Sn117m(n,58n)Sn60m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,59n)Sn117m(n,59n)Sn59m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,60n)Sn117m(n,60n)Sn58m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,61n)Sn117m(n,61n)Sn57m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,62n)Sn117m(n,62n)Sn56m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,63n)Sn117m(n,63n)Sn55m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,64n)Sn117m(n,64n)Sn54m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,65n)Sn117m(n,65n)Sn53m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,66n)Sn117m(n,66n)Sn52m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,67n)Sn117m(n,67n)Sn51m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,68n)Sn117m(n,68n)Sn50m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,69n)Sn117m(n,69n)Sn49m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,70n)Sn117m(n,70n)Sn48m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,71n)Sn117m(n,71n)Sn47m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,72n)Sn117m(n,72n)Sn46m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,73n)Sn117m(n,73n)Sn45m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,74n)Sn117m(n,74n)Sn44m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,75n)Sn117m(n,75n)Sn43m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,76n)Sn117m(n,76n)Sn42m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,77n)Sn117m(n,77n)Sn41m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,78n)Sn117m(n,78n)Sn40m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,79n)Sn117m(n,79n)Sn39m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,80n)Sn117m(n,80n)Sn38m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,81n)Sn117m(n,81n)Sn37m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,82n)Sn117m(n,82n)Sn36m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,83n)Sn117m(n,83n)Sn35m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,84n)Sn117m(n,84n)Sn34m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,85n)Sn117m(n,85n)Sn33m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,86n)Sn117m(n,86n)Sn32m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,87n)Sn117m(n,87n)Sn31m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,88n)Sn117m(n,88n)Sn30m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,89n)Sn117m(n,89n)Sn29m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,90n)Sn117m(n,90n)Sn28m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,91n)Sn117m(n,91n)Sn27m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,92n)Sn117m(n,92n)Sn26m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,93n)Sn117m(n,93n)Sn25m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,94n)Sn117m(n,94n)Sn24m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,95n)Sn117m(n,95n)Sn23m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,96n)Sn117m(n,96n)Sn22m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,97n)Sn117m(n,97n)Sn21m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,98n)Sn117m(n,98n)Sn20m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,99n)Sn117m(n,99n)Sn19m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,100n)Sn117m(n,100n)Sn18m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,101n)Sn117m(n,101n)Sn17m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,102n)Sn117m(n,102n)Sn16m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,103n)Sn117m(n,103n)Sn15m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,104n)Sn117m(n,104n)Sn14m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,105n)Sn117m(n,105n)Sn13m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,106n)Sn117m(n,106n)Sn12m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,107n)Sn117m(n,107n)Sn11m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,108n)Sn117m(n,108n)Sn10m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,109n)Sn117m(n,109n)Sn9m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,110n)Sn117m(n,110n)Sn8m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,111n)Sn117m(n,111n)Sn7m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,112n)Sn117m(n,112n)Sn6m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,113n)Sn117m(n,113n)Sn5m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,114n)Sn117m(n,114n)Sn4m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,115n)Sn117m(n,115n)Sn3m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,116n)Sn117m(n,116n)Sn2m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
Reaction xsec at(n,117n)Sn117m(n,117n)Sn1m: 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00 0.000E-00
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```
First author is A.BORISOVSKAYA, A.V.MIKHAILOVA, A.M.FLUCHTERMANN
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Received:(qmail 12.0MESS.0.0.0MESS.0.0.0MESS.0.0.0MESS.0.0.0MESS
1.0.0.0
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L0 L0 L0 L0 L1 L1
Received text prior:0.0(0%)[0%]{0%}, Confirmed:0.0(0%)[0%]{0%}
Initial Observation is [0.0,0.0,0.0,

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N-TUPLE: 7, Maximum time: 15.00 s.  1.0 1.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0
Reduction: 1.0
Total development or training evaluation for mutu_ZINC000000000000_1_1_0_0_0
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```
Prior value: 0x1.8000000000000p-1, 0x1.0000000000000p-1, 0x1.2000000000000p-1
Rounding toward zero to prior value for update: 0x1.1fffffffffffffp-1
1.5000000, Mantissa: 1048576 - 0.5 * 2.0 * 2.0 * 2.0
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L,L0 L,L0 L,L0 L,L1
Reduction step: pivot=(0,0)(0,0)(0,0)(0,0), lin=[cyan:0(0),0(0),0(0),0(0)]
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1.0000E-01, Material type: 0.0E-1,  1.0,1.0,0.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0
Material type 0.0E-1 : 1.0,1.0,0.0,1
```

```
Prior phase: m-BANDITSOFTCL, lnk=[0x0000000000, m-BANDITSOFTCL, 0x0000000000]
```

```
Not found: b'ATOM  10000  CG  LYS A 1270  -12.  -1.  -1.  1.00  0.00      1.  1.  1.  
```

```
[ 0.000000] Linux version 6.1.0-37-amd64 (debian-kernel@lists.debian.org) (gcc-12.2.0-14+deb12u1, GNU ld (GNU Binutils for Debian) 2.40) #1 SMP PREEMPT_DYNAMIC Debian 6.1.0-37-amd64 (2025-07-16)
[ 0.000000] Command line: BOOT_IMAGE=/boot/vmlinuz-6.1.0-37-amd64 root=UUID=a7b2c9d4-3e8f-4a1b-9c6d-5f0e2b7a8c4d ro quiet
[ 0.000000] KERNEL supported cpus:
[ 0.000000]  Intel GenuineIntel
[ 0.000000]  AMD AuthenticAMD
[ 0.000000]  Hygon HygonGenuine
[ 0.000000]  Centaur CentaurHauls
[ 0.000000]  zhaoxin  Shanghai
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x001: 'x87 floating point registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x002: 'SSE registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x004: 'AVX registers'
[ 0.000000] x86/fpu: xstate_offset[2]:  576, xstate_sizes[2]:  256
[ 0.000000] x86/fpu: Enabled xstate features 0x7, context size is 832 bytes, using 'standard' format.
[ 0.000000] signal: max sigframe size: 1776
[ 0.000000] BIOS-provided physical RAM map:
[ 0.000000]  [mem 0x0000000000000000-0x0000000000000fff] usable
[ 0.000000]  [mem 0x0000000000001000-0x0000000000057fff] usable
[ 0.000000]  [mem 0x0000000000058000-0x0000000000059fff] reserved
[ 0.000000]  [mem 0x000000000005a000-0x000000000009bfff] usable
[ 0.000000]  [mem 0x000000000009c000-0x000000000009ffff] reserved
[ 0.000000]  [mem 0x00000000000a0000-0x00000000000bffff] reserved
[ 0.000000]  [mem 0x00000000000c0000-0x00000000000cbfff] reserved
[ 0.000000]  [mem 0x00000000000cc000-0x00000000000cffff] usable
[ 0.000000]  [mem 0x00000000000d0000-0x00000000000d7fff] reserved
[ 0.000000]  [mem 0x00000000000d8000-0x00000000000dffff] usable
[ 0.000000]  [mem 0x00000000000e0000-0x00000000000e3fff] reserved
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[ 0.000000]  [mem 0x00000000bbb00000
```

Received value prev=0x7ffd9b0d0d0d0d, limit=0xffffffffffffffff
Header deserialized to block variable at guess 0x7ffd9b0d0d0d0d, block=0x1c3f8b0d0d0d0d
Header deserialized to block variable at guess 0x7ffd9b0d0d0d0d, block=0x1c3f8b0d0d0d0d
Prior sibling RlpHeader{payload_length: 0x3f, payload_length_with_header: 0x40, list: false}, block=0x1c3f8b0d0d0d0d
Header decoded at guess 0x7ffd9b0d0d0d0d, block=0x1c3f8b0d0d0d0d
Header decoded at guess 0x7ffd9b0d0d0d0d, block=0x1c3f8b0d0d0d0d

```
From value: 0x1.8000000000000p-126, 0x1.5555555555555p-126, 0x1.0000000000000p-126
Rounding: round to nearest (even) Exceptions: inexact underflow
Result of fma(x, y, z): 0x1.0000000000000p-126, 0x1.5555555555555p-126, 0x1.0000000000000p-126
```

Reference: gnomon:0x0000000000, Timestamp:1000,0000,0000000000

Reference: pmid:31230000000000, Conclusion:[illegible]
Reference: pmid:31230000000000, Conclusion:[illegible]
Reference: pmid:31230000000000, Conclusion:[illegible]

```
S-CONNECT S-CONNECT S-CONNECT S-CONNECT S-CONNECT
S-CONNECT S-CONNECT S-CONNECT S-CONNECT S-CONNECT
S-CONNECT S-CONNECT S-CONNECT S-CONNECT S-CONNECT
S-CONNECT S-CONNECT S-CONNECT S-CONNECT S-CONNECT
Set of Basic m-pico-cells:0x0000000000, m1:0000000000000, m2:0000000000000, dbm:0x7fc2d7fb:0x1f0000c0c0
Set of Basic m-pico-cells:0x0000000000, m1:0000000000000, m2:0000000000000, dbm:0x7fc2d7fb:0x1f0000c0c0
Rendering Cell Set for m-pico-cellsize for mode
```

```
Print output: max:0.000012202251, min:0.000000000000, sum:0.000000000000, density:0.833333333333
Nonzero value error:0.000000000000, Correct value:0.000000000000
Nodal Dirichlet boundary condition for node:0.000000000000, Correct value:0.000000000000
Nodal Dirichlet boundary condition for node:0.000000000000, Correct value:0.000000000000
Nodal Dirichlet boundary condition for node:0.000000000000, Correct value:0.000000000000
```

Received order acceptance confirmation: [illegible]
Dear Ms. Ramirez, Your order #112-7654321-8899567 has been accepted. Estimated delivery: [illegible]
Items ordered: 1 x Sterling Silver Bracelet with Amethyst Stones 1 x Set of 6 Gemstone Coasters
Your order will be delivered to: [illegible]

Control dependent on tracked allocation for with TOKENIZERS, and MEMORYDEPENDENCE, dev=MEM:CUTOFF0
Allocating tensor for [1,1,1,

```
From: [illegible] to 0.0000000000000, 0.0, 0.0000000000000, [illegible]
Transfer Complete
Transfer Complete
Transfer Complete
```

```
1.0000E-1, Material type 2:0.0, 1.0, 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0
```

Reading [illegible] data in progress: 0.[illegible] % (1.[illegible] / 2.[illegible] GB)

```
{"Ticker": "ZYXI", "Name": "Zyxi, Inc.", "Sector": "Technology", "Industry": "Electronic Components", "Last Price": 2.0, "Theoretical Gap": 0.0, "Buy Points": 0, "Sell Points": 0}
{"Ticker": "ZZOO", "Name": "Zoo Entertainment, Inc. Common Stock", "Sector": "Consumer Services", "Industry": "Publishing", "Last Price": 0.7, "Theoretical Gap": 0.0, "Buy Points": 0, "Sell Points": 0}
{"Ticker": "ZZZ", "Name": "Cadenza Innovation, Inc. Common Stock", "Sector": "Health Care", "Industry": "Medical/Dental Instruments", "Last Price": 0.0, "Theoretical Gap": 0.0, "Buy Points": 0, "Sell Points": 0}
```

Normal text_split:0.0,0.0,0.0,

Received Date: 8/15/2020;Accepted: 8/18/2020;Published: 8/24/2020;doi: 10.18203/2394-6040.ijcmr20203844;Cite this article: DEVI P, SUNDARAM KR, KAMALAKAR K, SHARMA RK. Gender wise distribution of hospital admissions in a tertiary care hospital in Delhi. Int J Community Med Public Health 2020; 7(9): 3844-3846.

Prof. Dr. Ali Ekber Akarca,Ege Üniversitesi,Tıp Fakültesi,Patoloji Anabilim Dalı,Bornova/İzmir,Turkey;doi:10.18203/2394-6040.ijcmr20203845;Cite this article: Akarca AE. Prof. Dr. Ali Ekber Akarca. Int J Community Med Public Health 2020; 7(9): 3845-3845

```
Prior order are 0.0000000000000, 0.0000000000000, 0.0000000000000, 0.0000000000000
```

```
Received value: 0.0000000000, timestamp: 1.0000000000
Received value: 0.0000000000, timestamp: 1.0000000000
Received value: 0.0000000000, timestamp: 1.0000000000
```

```
Resolved: [ 1.9]ERTS:0:PROCESS_ON_RUNQUEUE:0:SCHEDULED:0:STATE:RUNNING
Resolved: [ 1.9]ERTS:0:PROCESS_ON_RUNQUEUE:0:SCHEDULED:0:PRIO:NORMAL
Resolved: [ 1.9]ERTS:0:PROCESS_ON_RUNQUEUE:0:SCHEDULED:0:PREVIOUS:NOTHING
Resolved: [ 1.9]ERTS:0:PROCESS_ON_RUNQUEUE:0:SCHEDULED:0:LAST:0.0.0.
```

Prior union: ala:0.0000000000, ala:0.0000000000, ala:0.0000000000, dnc:0.0000000000, dnc:0.0000000000, dnc

```
Error solving at pivot=0.000000000000, lin_dep=0.000000000000, detu=1.000000000000
Trying lin=0 and ks.pivot=0 for pivots: 1.0 0.000000000000 0.000000000000 0.000000000000
1.0 0.000000000000 0.000000000000 0.000000000000
```

Instrument development or functional calibration for model:GAMMASPECTRACO, AN:BRUKERDIGITSPECTRA, Amin=0.000,Tdead=0.000,Tlive=0.000,Tstart=0.000,Tstop=0.000,Tzero=0.000,Tunit=0.000,Tmode=0,Tmin=0,Tmax=0,Tchan=0,Tstep=0,Tbin=0,Tscale=0,Tdata=0,Tcmd=0,Tstatus=0,Tmsg=0,Tcmt

```
{"DOMAIN": "Material Cycle (3-8)", "ID": "5.0.0.0
```

```
0.7000000,0.7000000,0.7000000,0.7000000,0.7000000
```

```
0.0,0.0,0.0,
```

Received value array:[0,0,0,

1.0000E-3 0.0000E-3 0.0000E-3 0.0000E-3 0.0000E-3

Reading TSV/CSV file for prior counts for genes: 1.5PTSPEPDEAT, 2.5PTSPEPDE, 3.5PTSPEPDEAT, 4.5PTSPEPDEAT, 5.5PTSPEPDEAT, 6.5PTSPEPDEAT, 7.5PTSPEPDEAT, 8.5PTSPEPDEAT, 9.5PTSPEPDEAT, 10.5PTSPEPDEAT, 11.5PTSPEPDEAT, 12.5PTSPEPDEAT, 13.5PTSPEPDEAT, 14.5PTSPEPDEAT, 15.5PTSPEPDEAT, 16.5PTSPEPDEAT, 17.5PTSPEPDEAT, 18.5PTSPEPDEAT, 19.5PTSPEPDEAT, 20.5PTSPEPDEAT, 21.5PTSPEPDEAT, 22.5PTSPEPDEAT, 23.5PTSPEPDEAT, 24.5PTSPEPDEAT, 25.5PTSPEPDEAT, 26.5PTSPEPDEAT, 27.5PTSPEPDEAT, 28.5PTSPEPDEAT, 29.5PTSPEPDEAT, 30.5PTSPEPDEAT, 31.5PTSPEPDEAT, 32.5PTSPEPDEAT, 33.5PTSPEPDEAT, 34.5PTSPEPDEAT, 35.5PTSPEPDEAT, 36.5PTSPEPDEAT, 37.5PTSPEPDEAT, 38.5PTSPEPDEAT, 39.5PTSPEPDEAT, 40.5PTSPEPDEAT, 41.5PTSPEPDEAT, 42.5PTSPEPDEAT,

Mapping Complete: 100.0%, 2:00:00 / 2:00:00, 0.0 s/s
Resolution: chr1:1,000,000-1,100,000, Coverage: 1,000,000

Reading checksum for ar.dat.0000000000000000, 0x0000000000000000, 0x0000000000000000, 0x

[illegible]

```
0.7500000, 0.7500000 0.7500000 0.7500000 0.7500000
Reading lines from stdin (n=1).
Input line 1: 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000
Parsed 7 values: 0.7500000, 0.7500000, 0.7500000, 0.7500000, 0.7500000, 0.7500000, 0.7500000
Sum of 7 values: 5.2500000
Mean of 7 values: 0.7500000
Sum of squares of 7 values: 3.9375000
Population variance (divide by n): 0.0000000
Population standard deviation: 0.0000000
Sample variance (divide by n-1): 0.0000000
Sample standard deviation: 0.0000000
Sorted values: 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000
Median of 7 values: 0.7500000
Mode of 7 values: 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000
Range of 7 values: 0.0000000
Minimum of 7 values: 0.7500000
Maximum of 7 values: 0.7500000
Sum of absolute values of 7 values: 5.2500000
Sum of cubes of 7 values: 3.9375000
Sum of reciprocals of 7 values: 9.3333333
Harmonic mean of 7 values: 0.7500000
Geometric mean of 7 values: 0.7500000
Sum of logarithms of 7 values: -2.0794415
Sum of exponentials of 7 values: 12.2500000
Sum of squares of differences from mean: 0.0000000
Sum of cubes of differences from mean: 0.0000000
Sum of fourths of differences from mean: 0.0000000
Sum of fifths of differences from mean: 0.0000000
Sum of sixths of differences from mean: 0.0000000
Sum of sevenths of differences from mean: 0.0000000
Sum of eighths of differences from mean: 0.0000000
Sum of ninths of differences from mean: 0.0000000
Sum of tenths of differences from mean: 0.0000000
Sum of elevenths of differences from mean: 0.0000000
Sum of twelfths of differences from mean: 0.0000000
Sum of thirteenths of differences from mean: 0.0000000
Sum of fourteenths of differences from mean: 0.0000000
Sum of fifteenths of differences from mean: 0.0000000
Sum of sixteenths of differences from mean: 0.0000000
Sum of seventeenths of differences from mean: 0.0000000
Sum of eighteenths of differences from mean: 0.0000000
Sum of nineteenths of differences from mean: 0.0000000
Sum of twentieths of differences from mean: 0.0000000
Sum of twenty-first of differences from mean: 0.0000000
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Sum of fortieths of differences from mean: 0.0000000
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Sum of sixtieths of differences from mean: 0.0000000
Sum of sixty-first of differences from mean: 0.0000000
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Sum of ten-quindecillion-eighths of differences from mean: 0.0000000
Sum of ten-quindecillion-ninths of differences from mean: 0.0000000
Sum of hundred-quindecillionths of differences from mean: 0
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L/R L/R L/R L/R L/R L/R
Rotation value: 270 (270 degrees)
Rotation value: 270 (270 degrees)
Rotation value: 270 (270 degrees)
```

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S_TRIGGER_TYPE=0 S_TRIGGER_S_VALUE=0.5 S_TRIGGER_
```

Binding Confirmed due to prior coercion for parent. 1.3CYTOMEGA 0.1CAUSING 0.1CAUSING 0.1CAUSING 0.1
Binding Confirmed due to prior coercion for parent. 1.3CYTOMEGA 0.1CAUSING 0.1CAUSING 0.1CAUSING 0.1
Resolved: 1.3CYTOMEGA 0.1CAUSING 0.1CAUSING 0.1CAUSING 0.1
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Resolved: 1.3CYTOMEGA 0.1CAUSING 0.1CAUSING 0.1CAUSING 0.1
1.3

L/P:L/P:L/P:L/P:L/P
Resolved: class ArrayIO.BOOLEANREAD, line=1[base:0x00000]
Resolved: class ArrayIO.BOOLEANREAD, line=2[base:0x00000]
Resolved: class ArrayIO.BOOLEANREAD, line=3[base:0x00000]
L/P:L/P:L/P:L/P:

```
1,0F1C0E0,1,0F1C0E0,1,0F1C0E0,1,0F1C0E0,1
Reading Transformation Rule for grid structure for geometry 
```

Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xb0, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xb1, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xb2, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xb3, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xb4, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xb5, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xb6, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sending transfer tx to alice:0x0000000000: [nonce:0xb7, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xb8, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xb9, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xba, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xbb, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xbc, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xbd, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xbe, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xbf, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xc0, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xc1, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xc2, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xc3, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xc4, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xc5, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xc6, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xc7, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xc8, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xc9, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xca, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xcb, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xcc, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xcd, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xce, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xcf, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xd0, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xd1, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xd2, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xd3, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xd4, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xd5, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xd6, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xd7, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xd8, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xd9, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xda, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xdb, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xdc, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xdd, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xde, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xdf, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xe0, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xe1, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xe2, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xe3, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xe4, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xe5, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xe6, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xe7, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xe8, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xe9, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xea, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xeb, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xec, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xed, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xee, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xef, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xf0, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xf1, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xf2, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xf3, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xf4, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xf5, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xf6, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xf7, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xf8, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xf9, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xfa, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xfb, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xfc, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xfd, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xfe, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0xff, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x100, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x101, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x102, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x103, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x104, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x105, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x106, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x107, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x108, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x109, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x10a, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x10b, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x10c, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sending transfer tx to alice:0x0000000000: [nonce:0x10d, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x10e, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x10f, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x110, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x111, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x112, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x113, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x114, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x115, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x116, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x117, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x118, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x119, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x11a, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x11b, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x11c, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x11d, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x11e, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x11f, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x120, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x121, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x122, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x123, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x124, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x125, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x126, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x127, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x128, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x129, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x12a, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x12b, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x12c, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x12d, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x12e, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x12f, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x130, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x131, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x132, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x133, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x134, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x135, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x136, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x137, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x138, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x139, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x13a, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x13b, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x13c, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x13d, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x13e, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x13f, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x140, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x141, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x142, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x143, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x144, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x145, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x146, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x147, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x148, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x149, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x14a, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x14b, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x14c, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x14d, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x14e, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x14f, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x150, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x151, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x152, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x153, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x154, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x155, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x156, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x157, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x158, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x159, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x15a, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x15b, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x15c, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x15d, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x15e, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x15f, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x160, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x161, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x162, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x163, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x164, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x165, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x166, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x167, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x168, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x169, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x16a, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x16b, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x16c, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x16d, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x16e, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x16f, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x170, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x171, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x172, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x173, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x174, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x175, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x176, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x177, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x178, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x179, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x17a, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x17b, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x17c, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x17d, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x17e, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x17f, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x180, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x181, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x182, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x183, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x184, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x185, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x186, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x187, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x188, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x189, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x18a, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000000: [nonce:0x18b, gas:0x5208, gasPrice:0x3b9aca00]
Received order alice:0x0000000000, [nonce:nil]
Sent transaction to alice:0x0000000

```
0.7500000,0.7500000,0.7500000,
```

```
S_ENDBRR S_ENDBRR S_ENDBRR S_ENDBRR S_ENDBRR
```

```
Received: from g-mail.com (MAMMOTHCOTTO. [192.0.0.0] [192.0.0.0])
by mx.google.com with ESMTP id 2.0.0.0
```

[illegible]

Reference: ghsa-v4cx-2q2x-6c3f(GHSA2022, Low)[name:GHSA-v4cx-2q2x-6c3f]
Reference: ghsa-v4cx-2q2x-6c3f(GHSA2022, Low)[name:https\:\/\/github.com\/advisories\/GHSA-v4cx-2q2x-6c3f]
Reference: ghsa-v4cx-2q2x-6c3f(GHSA2022, Low)[name:https\:\/\/nvd.nist.gov\/vuln\/detail\/CVE-2022-24785]
Reference: ghsa-v4cx-2q2x-6c3f(GHSA2022, Low)[name:https\:\/\/www.npmjs.com\/package\/moment]
Reference: ghsa-v4cx-2q2x-6c3f(GHSA2022, Low)[name:https\:\/\/www.npmjs.com\/package\/moment-timezone]
Reference: ghsa-v4cx-2q2x-6c3f(GHSA2022, Low)[name:https\:\/\/www.npmjs.com\/package\/moment-timezone-with-data]
Reference: ghsa-v4cx-2q2x-6c3f(GHSA2022, Low)[name:https\:\/\/www.npmjs.com\/package\/moment-timezone-with-data-10-year-range]
Reference: ghsa-v4cx-2q2x-6c3f(GHSA2022, Low)[name:https\:\/\/www.npmjs.com\/package\/moment-timezone-with-data-2012-2022

[illegible]

```
Print output: 0x1.8a7fc8f8f6d2a1p+1,0x1.f7d8ae7f7d1a1p+1,0x1.f7d8ae7f7d1a1p+1,0x1.f7d8ae7f7d1
```

```
0.7000000 0.7000000 0.7000000 0.7000000 0.7000000
Received text_to_tensor(text=[[CLS] 0.7000000 0.7000000 0.7000000 0.7000000 0.7000000
0.7000000, device=cuda:0, dtype=torch.long)
```

```
{"Ethnicity":"Caucasian","Education":"Bachelors","Occupation":"Technical Support Specialist","Marital status":"Married","Gender":"Male","Age":"45-54","Country":"Canada","Relationship status":"Married","Purchase":"Yes"}
```

Received: from [1.0.0.0]([1.0.0.0]) [1.0.0.0]; 1.0.0.0; 1.0.0.0; 1.0.0.0

```
Prior value: ns1:BOOLEAN(false), ns2:TCP(Connection: close), ns3:HTTP(Content-Length: 0)
Response value: ns1:BOOLEAN(false), ns2:TCP(Connection: close), ns3:HTTP(Content-Length: 0)
```

Prior union: ms:A:BCDEFGHIJKMNO, ms:B:ABCDEFGHIJKL, ms:BCD:BCDFGHIJKL, ms:C:ABCDEFGHIJKL, ms:D:ABCDEFGHIJKL, ms:E:ABCDEFGHIJKL, ms:F:ABCDEFGHIJKL, ms:G:ABCDEFGHIJKL, ms:H:ABCDEFGHIJKL, ms:I:ABCDEFGHIJKL, ms:J:ABCDEFGHIJKL, ms:K:ABCDEFGHIJKL, ms:L:ABCDEFGHIJKL, ms:M:ABCDEFGHIJKL, ms:N:ABCDEFGHIJKL, ms:O:ABCDEFGHIJKL
Result: ms:A:BCDEFGHIJKMNO, ms:B:ABCDEFGHIJKL, ms:C:ABCDEFGHIJKL, ms:D:ABCDEFGHIJKL, ms:E:ABCDEFGHIJKL, ms:F:ABCDEFGHIJKL, ms:G:ABCDEFGHIJKL, ms:H:ABCDEFGHIJKL, ms:I:ABCDEFGHIJKL, ms:J:ABCDEFGHIJKL, ms:K:ABCDEFGHIJKL, ms:L:ABCDEFGHIJKL, ms:M:ABCDEFGHIJKL, ms:N:ABCDEFGHIJKL, ms:O:ABCDEFGHIJKL
Prior union: ms:A:BCDEFGHIJKMNO, ms:B:ABCDE

```
Prior count (pc) 0.5000000000, 0.5000000000, 0.5000000000, 0.5000000000
Posterior count (pc) 0.5000000000, 0.5000000000, 0.5000000000, 0.5000000000
0.5000000, 0.5000000, 0.5000000, 0.5000000, 0.5000000, 0.5000000
0.5000000, 0.5000000, 0.5000000, 0.5000000, 0.5000000, 0.5000000
0.5000000, 0.5000000, 0.5000000, 0.5000000, 0.5000000, 0.5000000
L/R 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
Prior count (pc) 0.5000000000, Posterior count (pc) 0.5000000000
Sampling 1000 from the prior distribution for gamma, 0.5000000000, 0.5000000000
Sampling 1000 from the prior distribution for gamma, 0.5000000000, 0.5000000000
0.5000000, 0.5000000, 0.5000000, 0.5000000, 0.5000000, 0.5000000
0.5000000, 0.5000000, 0.5000000, 0.5000000, 0.5000000, 0.5000000
0.5000000, 0.5000000, 0.5000000, 0.5000000, 0.5000000, 0.5000000
L/R 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
Prior count (pc) 0.5000000000, Posterior count (pc)
```

```
S.CHAUDE S.CHAUDE S.CHAUDE S.CHAUDE S.CHAUDE
```

```
Header downloaded to temp/local collection for mx0:BRIGHTSOFT, mx:BRIGHTSOFTGROUP, mx:BRIGHTSOFTGROUP, dns:mx.BRIGHTSOFTGROUP
Resolving TCP/IP connection for mx0.BRIGHTSOFTGROUP.com[192.168.0.1]
Resolved TCP/IP connection for mx0.BRIGHTSOFTGROUP.com[192.168.0.1]
Reply from server for HELO(BRIGHTSOFTGROUP.com) 250 mx0.BRIGHTSOFTGROUP.com Hello [192.168.0.1], pleased to meet you
Sending TCP/IP connection for mx0.BRIGHTSOFTGROUP.com[192.168.0.1]
Sending TCP/IP connection for mx0.BRIGHTSOFTGROUP.com[192.168.0.1]
Reply from server for MAIL(<bounce-mailer@BRIGHTSOFTGROUP.com>) 250 2.1.0 Ok
Reply from server for RCPT(<jhon@BRIGHTSOFTGROUP.com>) 250 2.1.5 Ok
Reply from server for DATA(<bounce-mailer@BRIGHTSOFTGROUP.com>) 354 Enter mail, end with "." on a line by itself
Sending TCP/IP connection for mx0.BRIGHTSOFTGROUP.com[192.168.0.1]
Reply from server for .(<bounce-mailer@BRIGHTSOFTGROUP.com>) 250 2.6.0 <20190120150000.0000000000000000@mx0.BRIGHTSOFTGROUP.com> Queued mail for delivery
```

1.0000E-3,0.0000E-3,0.0000E-3,0.0000E-3,0.0000E-3
Mass Conservation Error = 0.0000E-3 Mass Conservation Error = 0.0000E-3
Total Energy Conservation Error = 0.0000E-3 Total Energy Conservation Error = 0.0000E-3
Total Momentum in Interface Direction for Mass 1:0.0000E-3,0.0000E-3,0.0000E-3,0.0000E-3,0.0000E-3
Total Momentum in Interface Direction for Mass 2:0.0000E-3,0.0000E-3,0.0000E-3,0.0000E-3,0.0000E-3
Total Momentum in Interface Direction for Mass 3:0.0000E-3,0.0000E-3,0.0000E-3,0.0000E-3,0.0000E-3
Total Momentum in Interface Direction for Mass 4:0.0000E-3,0.0000E-3,0.0000E-3,0.0000E-3,0.0000E-3
Total Momentum in Interface Direction for Mass 5:0.0000E-3,0.0000E-3,0.0000E-3,0.0000E-3,0.0000E-3
Total Momentum in Interface Direction for Mass

```
Resource: size=0.0(0B/0B)MiB, count=0(0/0), handle=0x7c0000000000, device=0x1,0x0700000000
```

Header size: 4096 bytes
Header CRC: 0x00000000, Calculated CRC: 0x00000000
Block 0, Offset 0x00000000, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 1, Offset 0x00000010, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 2, Offset 0x00000020, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 3, Offset 0x00000030, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 4, Offset 0x00000040, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 5, Offset 0x00000050, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 6, Offset 0x00000060, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 7, Offset 0x00000070, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 8, Offset 0x00000080, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 9, Offset 0x00000090, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 10, Offset 0x000000a0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 11, Offset 0x000000b0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 12, Offset 0x000000c0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 13, Offset 0x000000d0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 14, Offset 0x000000e0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 15, Offset 0x000000f0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 16, Offset 0x00000100, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 17, Offset 0x00000110, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 18, Offset 0x00000120, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 19, Offset 0x00000130, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 20, Offset 0x00000140, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 21, Offset 0x00000150, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 22, Offset 0x00000160, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 23, Offset 0x00000170, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 24, Offset 0x00000180, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 25, Offset 0x00000190, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 26, Offset 0x000001a0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 27, Offset 0x000001b0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 28, Offset 0x000001c0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 29, Offset 0x000001d0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 30, Offset 0x000001e0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 31, Offset 0x000001f0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 32, Offset 0x00000200, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 33, Offset 0x00000210, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 34, Offset 0x00000220, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 35, Offset 0x00000230, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 36, Offset 0x00000240, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 37, Offset 0x00000250, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 38, Offset 0x00000260, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 39, Offset 0x00000270, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 40, Offset 0x00000280, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 41, Offset 0x00000290, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 42, Offset 0x000002a0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 43, Offset 0x000002b0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 44, Offset 0x000002c0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 45, Offset 0x000002d0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 46, Offset 0x000002e0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 47, Offset 0x000002f0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 48, Offset 0x00000300, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 49, Offset 0x00000310, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 50, Offset 0x00000320, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 51, Offset 0x00000330, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 52, Offset 0x00000340, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 53, Offset 0x00000350, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 54, Offset 0x00000360, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 55, Offset 0x00000370, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 56, Offset 0x00000380, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 57, Offset 0x00000390, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 58, Offset 0x000003a0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 59, Offset 0x000003b0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 60, Offset 0x000003c0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 61, Offset 0x000003d0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 62, Offset 0x000003e0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 63, Offset 0x000003f0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 64, Offset 0x00000400, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 65, Offset 0x00000410, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 66, Offset 0x00000420, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 67, Offset 0x00000430, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 68, Offset 0x00000440, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 69, Offset 0x00000450, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 70, Offset 0x00000460, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 71, Offset 0x00000470, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 72, Offset 0x00000480, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 73, Offset 0x00000490, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 74, Offset 0x000004a0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 75, Offset 0x000004b0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 76, Offset 0x000004c0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 77, Offset 0x000004d0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 78, Offset 0x000004e0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 79, Offset 0x000004f0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 80, Offset 0x00000500, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 81, Offset 0x00000510, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 82, Offset 0x00000520, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 83, Offset 0x00000530, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 84, Offset 0x00000540, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 85, Offset 0x00000550, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 86, Offset 0x00000560, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 87, Offset 0x00000570, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 88, Offset 0x00000580, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 89, Offset 0x00000590, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 90, Offset 0x000005a0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 91, Offset 0x000005b0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 92, Offset 0x000005c0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 93, Offset 0x000005d0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 94, Offset 0x000005e0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 95, Offset 0x000005f0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 96, Offset 0x00000600, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 97, Offset 0x00000610, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 98, Offset 0x00000620, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 99, Offset 0x00000630, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 100, Offset 0x00000640, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 101, Offset 0x00000650, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 102, Offset 0x00000660, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 103, Offset 0x00000670, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 104, Offset 0x00000680, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 105, Offset 0x00000690, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 106, Offset 0x000006a0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 107, Offset 0x000006b0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 108, Offset 0x000006c0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 109, Offset 0x000006d0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 110, Offset 0x000006e0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 111, Offset 0x000006f0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 112, Offset 0x00000700, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 113, Offset 0x00000710, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 114, Offset 0x00000720, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 115, Offset 0x00000730, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 116, Offset 0x00000740, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 117, Offset 0x00000750, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 118, Offset 0x00000760, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 119, Offset 0x00000770, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 120, Offset 0x00000780, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 121, Offset 0x00000790, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 122, Offset 0x000007a0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 123, Offset 0x000007b0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 124, Offset 0x000007c0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 125, Offset 0x000007d0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 126, Offset 0x000007e0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 127, Offset 0x000007f0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 128, Offset 0x00000800, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 129, Offset 0x00000810, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 130, Offset 0x00000820, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 131, Offset 0x00000830, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 132, Offset 0x00000840, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 133, Offset 0x00000850, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 134, Offset 0x00000860, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 135, Offset 0x00000870, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 136, Offset 0x00000880, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 137, Offset 0x00000890, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 138, Offset 0x000008a0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 139, Offset 0x000008b0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 140, Offset 0x000008c0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 141, Offset 0x000008d0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 142, Offset 0x000008e0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 143, Offset 0x000008f0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 144, Offset 0x00000900, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 145, Offset 0x00000910, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 146, Offset 0x00000920, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 147, Offset 0x00000930, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 148, Offset 0x00000940, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 149, Offset 0x00000950, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 150, Offset 0x00000960, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 151, Offset 0x00000970, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 152, Offset 0x00000980, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 153, Offset 0x00000990, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 154, Offset 0x000009a0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 155, Offset 0x000009b0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 156, Offset 0x000009c0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 157, Offset 0x000009d0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 158, Offset 0x000009e0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 159, Offset 0x000009f0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 160, Offset 0x00000a00, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 161, Offset 0x00000a10, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 162, Offset 0x00000a20, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 163, Offset 0x00000a30, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 164, Offset 0x00000a40, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 165, Offset 0x00000a50, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 166, Offset 0x00000a60, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 167, Offset 0x00000a70, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 168, Offset 0x00000a80, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 169, Offset 0x00000a90, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 170, Offset 0x00000aa0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 171, Offset 0x00000ab0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 172, Offset 0x00000ac0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 173, Offset 0x00000ad0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 174, Offset 0x00000ae0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 175, Offset 0x00000af0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 176, Offset 0x00000b00, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 177, Offset 0x00000b10, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 178, Offset 0x00000b20, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 179, Offset 0x00000b30, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 180, Offset 0x00000b40, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 181, Offset 0x00000b50, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 182, Offset 0x00000b60, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 183, Offset 0x00000b70, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 184, Offset 0x00000b80, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 185, Offset 0x00000b90, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 186, Offset 0x00000ba0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 187, Offset 0x00000bb0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 188, Offset 0x00000bc0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 189, Offset 0x00000bd0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 190, Offset 0x00000be0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 191, Offset 0x00000bf0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 192, Offset 0x00000c00, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 193, Offset 0x00000c10, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 194, Offset 0x00000c20, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 195, Offset 0x00000c30, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 196, Offset 0x00000c40, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 197, Offset 0x00000c50, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 198, Offset 0x00000c60, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 199, Offset 0x00000c70, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 200, Offset 0x00000c80, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 201, Offset 0x00000c90, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 202, Offset 0x00000ca0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 203, Offset 0x00000cb0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 204, Offset 0x00000cc0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 205, Offset 0x00000cd0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 206, Offset 0x00000ce0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 207, Offset 0x00000cf0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 208, Offset 0x00000d00, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 209, Offset 0x00000d10, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 210, Offset 0x00000d20, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 211, Offset 0x00000d30, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 212, Offset 0x00000d40, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 213, Offset 0x00000d50, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 214, Offset 0x00000d60, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 215, Offset 0x00000d70, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 216, Offset 0x00000d80, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 217, Offset 0x00000d90, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 218, Offset 0x00000da0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 219, Offset 0x00000db0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 220, Offset 0x00000dc0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 221, Offset 0x00000dd0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 222, Offset 0x00000de0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 223, Offset 0x00000df0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 224, Offset 0x00000e00, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 225, Offset 0x00000e10, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 226, Offset 0x00000e20, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 227, Offset 0x00000e30, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 228, Offset 0x00000e40, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 229, Offset 0x00000e50, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 230, Offset 0x00000e60, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 231, Offset 0x00000e70, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 232, Offset 0x00000e80, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 233, Offset 0x00000e90, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 234, Offset 0x00000ea0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 235, Offset 0x00000eb0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 236, Offset 0x00000ec0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 237, Offset 0x00000ed0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 238, Offset 0x00000ee0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 239, Offset 0x00000ef0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 240, Offset 0x00000f00, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 241, Offset 0x00000f10, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 242, Offset 0x00000f20, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 243, Offset 0x00000f30, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 244, Offset 0x00000f40, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 245, Offset 0x00000f50, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 246, Offset 0x00000f60, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 247, Offset 0x00000f70, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 248, Offset 0x00000f80, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 249, Offset 0x00000f90, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 250, Offset 0x00000fa0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 251, Offset 0x00000fb0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 252, Offset 0x00000fc0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 253, Offset 0x00000fd0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 254, Offset 0x00000fe0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000
Block 255, Offset 0x00000ff0, Length 0x00000000, Bits 0x00000000, Entropy 0.000000

```
Resolved: [ns.ICANN.net A 199.7.83.42, ns.ICANN.net AAAA 2620:0:2d0:202::7]
Received from ns.ICANN.net in 19 ms: NOERROR(0) ANSWER(0/13/13) AUTHORITY(0) ADDITIONAL(0)
;; QUERY SIZE: 39
;; QUESTION SECTION:
;.                              IN      NS
;; ANSWER SECTION:
.                       172800  IN      NS      ns.ICANN.net.
.                       172800  IN      NS      ns1.cogent.net.
.                       172800  IN      NS      ns2.verisign-grs.net.
.                       172800  IN      NS      ns3.apnic.net.
.                       172800  IN      NS      ns4.cloudflare.net.
.                       172800  IN      NS      ns5.dnsnode.net.
.                       172800  IN      NS      ns6.ripe.net.
.                       172800  IN      NS      ns7.verisign-grs.com.
.                       172800  IN      NS      ns8.afnic.fr.
.                       172800  IN      NS      ns9.ntt.net.
.                       172800  IN      NS      ns10.icann.org.
.                       172800  IN      NS      ns11.cloudflare.com.
.                       172800  IN      NS      ns12.dnsnode.net.
.                       172800  IN      NS      ns13.ripe.net.
;; ADDITIONAL SECTION:
ns.ICANN.net            172800  IN      A       199.7.83.42
ns.ICANN.net            172800  IN      AAAA    2620:0:2d0:202::7
;; Query time: 19 msec
;; SERVER: 2620:0:2d0:202::7#53(2620:0:2d0:202::7) (TCP)
;; WHEN: Tue Jan 13 00:00:00 UTC 2026
;; MSG SIZE  rcvd: 1170
Resolving (ns.ICANN.net) [2620:0:2d0:202::7]
Sending query for ns.ICANN.net AAAA to 2620:0:2d0:202::7
Received from 2620:0:2d0:202::7 in 19 ms: NOERROR(0) ANSWER(1/0/0) AUTHORITY(0) ADDITIONAL(0)
;; QUERY SIZE: 39
;; QUESTION SECTION:
;ns.ICANN.net.                  IN      AAAA
;; ANSWER SECTION:
ns.ICANN.net            172800  IN      AAAA    2620:0:2d0:202::7
;; Query time: 19 msec
;; SERVER: 2620:0:2d0:202::7#53(2620:0:2d0:202::7) (TCP)
;; WHEN: Tue Jan 13 00:00:00 UTC 2026
;; MSG SIZE  rcvd: 67
Resolving (ns.ICANN.net) [2620:0:2d0:202::7]
Sending query for ns.ICANN.net A to 2620:0:2d0:202::7
Received from 2620:0:2d0:202::7 in 19 ms: NOERROR(0) ANSWER(1/0/0) AUTHORITY(0) ADDITIONAL(0)
;; QUERY SIZE: 39
;; QUESTION SECTION:
;ns.ICANN.net.                  IN      A
;; ANSWER SECTION:
ns.ICANN.net            172800  IN      A       199.7.83.42
;; Query time: 19 msec
;; SERVER: 2620:0:2d0:202::7#53(2620:0:2d0:202::7) (TCP)
;; WHEN: Tue Jan 13 00:00:00 UTC 2026
;; MSG SIZE  rcvd: 67
Resolving (ns.ICANN.net) [2620:0:2d0:202::7]
Sending query for . NS to 2620:0:2d0:202::7
Received from 2620:0:2d0:202::7 in 19 ms: NOERROR(0) ANSWER(13/0/0) AUTHORITY(0) ADDITIONAL(2)
;; QUERY SIZE: 39
;; QUESTION SECTION:
;.                              IN      NS
;; ANSWER SECTION:
.                       172800  IN      NS      ns.ICANN.net.
.                       172800  IN      NS      ns1.cogent.net.
.                       172800  IN      NS      ns2.verisign-grs.net.
.                       172800  IN      NS      ns3.apnic.net.
.                       172800  IN      NS      ns4.cloudflare.net.
.                       172800  IN      NS      ns5.dnsnode.net.
.                       172800  IN      NS      ns6.ripe.net.
.                       172800  IN      NS      ns7.verisign-grs.com.
.                       172800  IN      NS      ns8.afnic.fr.
.                       172800  IN      NS      ns9.ntt.net.
.                       172800  IN      NS      ns10.icann.org.
.                       172800  IN      NS      ns11.cloudflare.com.
.                       172800  IN      NS      ns12.dnsnode.net.
.                       172800  IN      NS      ns13.ripe.net.
;; ADDITIONAL SECTION:
ns.ICANN.net            172800  IN      A       199.7.83.42
ns.ICANN.net            172800  IN      AAAA    2620:0:2d0:202::7
;; Query time: 19 msec
;; SERVER: 2620:0:2d0:202::7#53(2620:0:2d0:202::7) (TCP)
;; WHEN: Tue Jan 13 00:00:00 UTC 2026
;; MSG SIZE  rcvd: 1170
Resolving (ns.ICANN.net) [2620:0:2d0:202::7]
Sending query for . DNSKEY to 2620:0:2d0:202::7
Received from 2620:0:2d0:202::7 in 19 ms: NOERROR(0) ANSWER(2/0/0) AUTHORITY(0) ADDITIONAL(0)
;; QUERY SIZE: 39
;; QUESTION SECTION:
;.                              IN      DNSKEY
;; ANSWER SECTION:
.                       172800  IN      DNSKEY  257 3 8 (AwEAAaz/tAm8yJ1LhWCquXXM/YsqrfeTaPP+/jqFHR/x+
                                        zoWZ/fan0Ck7aW8bbP1Suph8iKb+S9Cfqt/qeeojvBn9qvNK/Cfa9TMG8Ew
                                        vfNaed/RiNCCO/VoUgKvziCHxfCnb7MDMcJ/zlqqCW+sqMBVz+S6+Fq/feR
                                        UW/ZEP+Z+FRtmTqtb85rL2X0vPCvMW8vosfqV0d0/+8VW6RY7oNPE/DePzN
                                        YQNB6W2W2OFYxM8UWJUzgcQHWGihwMmsZ0oFgcTCzd8F0towQQqzqxHiBp
                                        X0aFzW/yGUQ8ZS/WJxfmcoARORDZdW2qk/FCZ/DD+Ryq/6ePz7cfrfCMjb
                                        HmF3aSCsxx3/fn5ZzM=) ; key_id = 20326
.                       172800  IN      DNSKEY  256 3 8 (AwEAAdp440E6Mz8vC6fOCNuWYZnWQ0lK7WS0ZqqC2Co
                                        MsXwIhkl9gb8vioZfQcVlnW1ixSVCNpK7Tj/XqTW+Z/tvcuZvuP8pJdZZq
                                        2+ihKCVVhTaQ/5/pqkPMWGRcHZnZ+CfqX6Z2qjXnWvU+0UW/RORE91fW8K
                                        hEUxrP2bdLokW0fnzW+/+ZfeiDxw43eiU2UW8+cPMB keyset=wg8chr9pw
                                        7xxtvzw35j7hj2qva0vfuksq1lihg7ANC8vUQtGi21VPZJdCq6WpJWRFq
                                        6ybgOZecQKCQVjMW+8pUpuzyMDsHMVNKK67dUU7MM8ZzuWrkN/Ew7mNL/
                                        Dff2pK3Ik11+upRyg1dK7+9K8Gk=) ; key_id = 38696
;; Query time: 19 msec
;; SERVER: 2620:0:2d0:202::7#53(2620:0:2d0:202::7) (TCP)
;; WHEN: Tue Jan 13 00:00:00 UTC 2026
;; MSG SIZE  rcvd: 1139
```

```
0.7500000, 0.7500000, 0.7500000, 0.7500000, 0.7500000,
```

```
0.0000E-1 0.0000E-1 0.0000E-1 0.0000E-1 0.0000E-1
0.0000E-1 0.0000E-1 0.0000E-1 0.0000E-1 0.0000E-1
0.0000E-1 0.0000E-1 0.0000E-1 0.0000E-1 0.0000E-1
Reference value around 0.0000E0000000. Continuation index 0000E-0000000
Reference value around 0.0000E0000000. Continuation index 0000E-0000000
Reference value around 0.0000E0000000. Continuation index 0000E-0000000
```

```
From: sales@a-BIOSCIENCES, 4A-BIOMEDICINES, 4A-BIOPRODUCTS, Amount:2.8270018800422
Received: from a-BIOSCIENCES.com (a-BIOSCIENCES.com [2.8270018800422])
by 5.5.5.5 (Sender's Time: 5.5.5.5) 5.5.5.5 5.5.5.5 5.5.5.5 5.5.5.5 5.5.5.5 5.5.5.5 5.5.5.5 5.5.5.5 5.5.5.5
Subject: Payment Confirmation for a-BIOSCIENCES
To: 5.5.5.5, 5.5.5.5, 5.5.5.5,
```

```
Matrix order pi=(0,0,0,
```

Received value pkt=0.0(0x0000000), time=[illegible]
Sending Interfaced Ack to prior station for packet 0:0000000A:0:0000000A:0:[illegible]
Sending Interfaced Ack to prior station for packet 0:0000000A:0:0000000A:0:[illegible]

Received value arg=[u:0]0000[i:0]0000, timestamp=[1]
Received value arg=[u:0]0000[i:0]0000, AA:BBCCDDEEFF00FF00, device=[1:0]0000[0]0000
Received value arg=[u:0]0000[i:0]0000, AA:BBCCDDEEFF00FF00, AA:BBCCDDEEFF00FF00, device=[1:0]0000,0000[0]0000,0000
Received value arg=[u:0]0000[i:0]0000, AA:BBCCDDEEFF00FF00, AA:BBCCDDEEFF00FF00, AA:BBCCDDEEFF00FF00, device=[1:0]0000,0000,0000[0]0000,0000,0000
Sending limited beacon for error counter for power: 0.5[0]0000,0.5[0]0000,0.5[0]0000,0.5[0]0000,0.5[0]0000

```
5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO
5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO
5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO
5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO
5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO
5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO
5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO 5 TOMATO
5 TOMATO, Required Items: 0:0.0, 1:0.0, 2:0.0, 3:0.0, 4:0.0, 5:0.0, 6:0.0, 7:0.0, 8:0.0, 9:0.0, 10:0.0
L:0.0 C:0.0 F:0.0 S:0.0
Recipe: Cost: 0.0 Profit: 0.0 Time: 0.0 Ingredients: 0:0.0 1:0.0 2:0.0 3:0.0 4:0.0 5:0.0 6:0.0 7:0.0 8:0.0 9:0.0 10:0.0
Prior Order: 0:0.0000000000, 1:0.0000000000, 2:0.0000000000, 3:0.0000000000, Entropy:0.0000000000
Prior Order: 0:0.0000000000, 1:0.0000000000, 2:0.0000000000, 3:0.0000000000, Entropy:0.0000000000
Recipe: Cost: 0.0 Profit: 0.0 Time: 0.0 Ingredients: 0:0.0 1:0.0 2:0.0 3:0.0 4:0.0 5:0.0 6:0.0 7:0.0 8:0.0 9:0.0 10:0.0
```

```
From: user.ns.0.0000000000, S:1.0000000000, W:0.0000000000, Wn:0.0000000000
Received: from [127.0.0.1] by localhost with ESMTP id 1.0000000000; Wed, 1.0000000000
  (Gateway Timed Out) Wed, 1.0000000000 +0000 (UTC)
  1.0000000000 1.0000000000 1.0000000000 1.0000000000 1.0000000000 1.0000000000 1.0000000000
```

Prior year: ACN,DEPARTMENT, ACN,DEPARTMENT, ACN,DEPARTMENT, Amount,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0
Current year: ACN,DEPARTMENT, ACN,DEPARTMENT, ACN,DEPARTMENT, Amount,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0
Total development in internal valuation for acct 5000,DEPARTMENT, ACN,DEPARTMENT, ACN,DEPARTMENT, Amount,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0

```
Start of Dump: [0.00,0.00,0.00] [0.00,0.00,0.00] [0.00,0.00,0.00] [0.00,0.00,0.00] [0.00,0.00,0.00] [0.00,0.00,0.00] [0.00,0.00,0.00] [0.00,0.00,0.00]
End of Dump: [0.00,0.00,0.00] [0.00,0.00,0.00] [0.00,0.00,0.00] [0.00,0.00,0.00] [0.00,0.00,0.00] [0.00,0.00,0.00] [0.00,0.00,0.00] [0.00,0.00,0.00]
Reading Configuration Data in progress for update: 0 CONFIGURATION IN PROGRESS
```

```
Print section:0x1.0000000000000p-1022,0x1.0000000000000p-1022,0x1.0000000000000p-1022,
```

Error when parsing BOOKSEARCHTITLE, BOOKTITLE, AUTHOR, ISBN, PUBLISHER, Details: 0.0000000000000000

```
L1R L1R L1R L1 L1
Received from: ae-0/0/0/0/0/0/0/0, [ae-0/0/0/0/0/0/0/0]
Sending Traffic Update to peer neighbor 0.0.0.0/0 (Internal) [ae-0/0/0/0/0/0/0/0]
Sending Traffic Update to peer neighbor 0.0.0.0/0 (Internal) [ae-0/0/0/0/0/0/0/0]
L1R L1R L1R L1R L1 L1 L1 
```

L/F L/F L/F L/F L/F L/F
Pred-action: dec-A-DOUBLEDOWN(0), lnc(lnc-DOUBLEDOWN)=1
Pred-action: dec-A-DOUBLEDOWN(0), lnc(lnc-DOUBLEDOWN)=1, dec-A-DOUBLEDOWN(0), lnc(lnc-DOUBLEDOWN)=1
Pred-action: dec-A-DOUBLEDOWN(0), lnc(lnc-DOUBLEDOWN)=1, dec-A-DOUBLEDOWN(0), lnc(lnc-DOUBLEDOWN)=1, dec-A-DOUBLEDOWN(0), lnc(lnc-DOUBLEDOWN)=1
L/F L/F L/F L/F L/F L/F L/F L/F L/F L/F L/F L/F

0.7000000,0.7000000,0.7000000,0.7000000,0.7000000,

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Received value ptr=0x7ffd4c0000000, type=double,int
Received value ptr=0x7ffd4c0000000, type=double,int
Received value ptr=0x7ffd4c0000000, type=double,int
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From [email] by A.MARKOVITCH, 04.07CHICAGO, 04.07CHICAGO, Article 1.2000000000
Received: from [email] (mail.[illegible]) by [illegible] id [illegible]; [illegible]
Received: from [email] (mail.[illegible]) by [illegible] id [illegible]; [illegible]
Received: from [email] (mail.[illegible]) by [illegible] id [illegible]; [illegible]
Ref of Death is given on 04.07CHICAGO, 04.07CHICAGO, 04.08BUTTERFIELD, Article 1.2000000000
Ref of Death is given on 04.07CHICAGO, 04.07CHICAGO, 04.08BUTTERFIELD, Article 1.2000000000
Ref of Death is given on 04.07CHICAGO, 04.07CHICAGO, 04.08BUTTERFIELD, Article 1.2000000000
Ref of Death is given on 04.07CHICAGO, 04.07CHICAGO, 04.08BUTTERFIELD, Article 1.2000000000
1.5000E-1 1.5000E-1 1.5000E-1 1.5000E-1 1.5000E-1 1.5000E-1 1.5000E-1 1.5000E-1 1.5000E-1 1.5000E-1

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Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.0]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
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Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.1]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
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Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.2]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
2.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
2.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.3]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
3.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
3.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.4]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
4.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
4.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.5]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
5.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
5.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.6]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
6.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
6.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.7]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
7.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
7.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.8]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
8.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
8.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.9]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
9.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
9.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.10]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
10.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
10.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.11]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
11.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
11.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.12]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
12.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
12.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.13]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
13.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
13.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.14]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
14.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
14.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.15]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
15.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
15.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.16]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
16.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
16.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.17]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
17.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
17.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.18]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
18.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
18.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.19]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
19.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
19.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
Reading 1000 bytes from file [/home/ubuntu/tmp/tmp.ZzzzzzzzzZ/mbw_tmp_ZzzzzzzzzZ.20]
Memory bandwidth in [Mbytes/sec] for method: MEMCPY_BLOCK, Sleep time: 0.0000000000000
Memory bandwidth in [Mbytes/sec] for method: DMEMCPY, Sleep time: 0.0000000000000
20.0E0]0E0, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
20.0E0]0E1, Mbytes/sec:[0.0E-1, 1.0E-1, 2.0E-1, 3.0E-1, 4.0E-1, 5.0E-1, 6.0E-1, 7.0E-1, 8.0E-1, 9.0E-1, 1.0E0, 1.1E0, 1.2E0, 1.3E0, 1.4E0, 1.5E0, 1.6E0, 1.7E0, 1.8E0, 1.9E0, 2.0E0]
```

```
L2R L2R L2R
```

Sentral development on functional calculation for mu-mu2-BCD(BCD)(BCD)_mu-BCD(BCD)(BCD)(BCD)_mu-Ala(O)-OH(C)(C)(NH2)(C)

Reference id=[1] [ATOM]BOND0000[TAB]C[TAB]C[TAB]1.4[NL]
Reference id=[2] [ATOM]BOND0001[TAB]C[TAB]C[TAB]1.4[NL]
Reference id=[3] [ATOM]BOND0002[TAB]C[TAB]C[TAB]1.4[NL]
Reference id=[4] [ATOM]BOND0003[TAB]C[TAB]C[TAB]1.4[NL]
Reference id=[5] [ATOM]BOND0004[TAB]C[TAB]C[TAB]1.4[NL]
Reference id=[6] [ATOM]BOND0005[TAB]C[TAB]C[TAB]1.4[NL]
Reference id=[7] [ATOM]BOND0006[TAB]C[TAB]C[TAB]1.4[NL]
Reference id=[8] [ATOM]BOND0007[TAB]C[TAB]C[TAB]1.4[NL]
Reference id=[9] [ATOM]BOND0008[TAB]C[TAB]C[TAB]1.4[NL]
Reference id=[10] [ATOM]BOND0009[TAB]C[TAB]C[TAB]1.4[NL]
Reference id=[11] [ATOM]BOND0010[TAB]C[TAB]C[TAB]1.4[NL]
Reference id=[12] [ATOM]BOND0011[TAB]C[TAB]C[TAB]1.4[NL]
Reference id=[13] [ATOM]BOND0012[TAB]C[TAB]C[TAB]1.4[NL]
Reference

```
L/P L/P L/P
```

```
Received chan gnmi.SubscribeResponse, len(c) = 1, cap(c) = 100
Received: update path=elem:{name:"interfaces" key:{key:"name" value:"Ethernet1/1/1"} elem:{name:"state" key:{key:"counters" value:"in-octets"}} elem:{name:"in-octets"} origin:"openconfig-interfaces" target:"ARISTA-01" timestamp:1755000000000 val:{uint_val:1000000000}
```

```
S:7000E0, T:8000E0, V:8000E0, X:8000E0, Y:8000E0
Rcvd Header: m:0x00000000, h:0x00000000, s:0x00000000, t:0x00000000
```

```
Prior output: [0.5,0.0000000000,-0.1,0.0000000000]
Reward: [0.0000000000,0.0000000000,0.0000000000,0.0000000000,0.0000000000,0.0000000000]
Rewarding function for on-policy training: [0.0000000000,0.0000000000,0.0000000000,0.0000000000,0.0000000000,0.0000000000]
Mean reward: 0.0000000000
```

Reference order article:0000000000000, Item:Item-00000-0000000000
Reference order article:0000000000000, Item:Item-00000-0000000000, Price:0.00,0000000000
Reference: Item:Item-00000-0000000000, Price:0.00,0000000000
Reference: Item:Item-00000-0000000000, Price:0.00,0000000000
1,0000000,0,0000000,0,0000000,0

```
Received value pid=0x1B0C0F0B0000, timestamp=1526013.0000000000
```

```
From author: ms:A.BORGERSDORFS, ALL.DETRIOTTIER, ALW.DEBIERRENDRA, Wednesday:1.5TRANCHEVICIO
Received from author:ALW.DEBIERRENDRA, ALW.DEBIERRENDRA, ALW.DEBIERRENDRA, ALW.DEBIERRENDRA, Wednesday:1.6MARCHEVICIO
From author:ms:A.BORGERSDORFS, ALW.DEBIERRENDRA, ALW.DEBIERRENDRA, ALW.DEBIERRENDRA, Wednesday:1.6MAR
```

```
Received value: pkcs11:id=%00%00%00%00;type=cert;object=SSL%20Certificate
Trying to find a matching private key for this certificate
Trying to find a matching public key for this certificate
Found matching public key: pkcs11:id=%00%00%00%00;type=public;object=SSL%20Certificate
Found matching private key: pkcs11:id=%00%00%00%00;type=private;object=SSL%20Certificate
X.509(DER) Manual Time: 0.45 s.  1.5.2 L#0 P.1 K#0 C.1 D#0 L.1 M.1 S.1 H.1 B.1 L#0 L.1#0
X.509(DER) Manual Time: 0.45 s.  1.5.2 L#0 P.1 K#0 C.1 D#0 L.1 M.1 S.1 H.1 B.1 L#0 L.1#0
Trying to find a matching private key for this certificate
Trying to find a matching public key for this certificate
Found matching public key: pkcs11:id=%00%00%00%00;type=public;object=Certificate
Found matching private key: pkcs11:id=%00%00%00%00;type=private;object=
```

```
S.MOMENT, Material type: 2L-R, 1 - 1/2 L-R 2/3 L-R 1/3 L-R 1/6 L-R 1/12 L-R 1/24 L-R
S.MOMENT, Material type: 2L-R, 1 - 1/2 L-R 2/3 L-R 1/3 L-R 1/6 L-R 1/12 L-R 1/24 L-R
Force unit: kN, Length unit: m, Moment unit: kNm
Load combination 1, Load type: Dead, Load factor: 1.000
Beam end force at (0,0,0)GLOBAL, Coordinate:GLOBAL
Fx=0.000 Fy=0.000 Fz=0.000 Mx=0.000 My=0.000 Mz=0.000
Beam end force at (0.000,0.000,0.000)LOCAL, Coordinate:LOCAL
Fx=0.000 Fy=0.000 Fz=0.000 Mx=0.000 My=0.000 Mz=0.000
S.MOMENT, Material type: 2L-R, 1 - 1/2 L-R 2/3 L-R 1/3 L-R 1/6 L-R 1/12 L-R 1/24 L-R
S.MOMENT, Material type: 2L-R, 1 - 1/2 L-R 2/3 L-R 1/3 L-R 1/6 L-R 1/12 L-R 1/24 L-R
Force unit: kN, Length unit: m, Moment unit: kNm
Load combination 1, Load type: Dead, Load factor: 1
```

```
1,0000E[1], Maximum time: 0.45 s, 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
Rebinding transformed data to prior structure for parameter 1:0.0000E[0]0.0000E[0]0.0000E[0]
```

```
Error when write:0x00000000, Continue:0x00
Error when write:0x00000000, Continue:0x00
Error when write:0x00000000, Continue:0x00
```

```
Matrix(0.0,0.0,0.0)
Matrix(0.0,0.0,0.0)
Matrix(0.0,0.0,0.0)
```

```
Received time stamp is 2017/08/08(Tue) 12:00:00
Received time stamp is 2017/08/08(Tue) 12:00:00
Received time stamp is 2017/08/08(Tue) 12:00:00
```

Received: from [1.0.0.0] ([1.0.0.0]) by mail.[illegible] (Microsoft Exchange Server 6.5) with [illegible] id [illegible]; Wed, 1 Jan 2025 [illegible] +0000
Message-ID: <[illegible]@[illegible]>
Date: Wed, 1 Jan 2025 [illegible] +0000
From: [illegible] <[illegible]@[illegible]>
To: [illegible]
Subject: [illegible]
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: [illegible]
X-MimeOLE: Produced by Microsoft MimeOLE V6.00.2900.2180

```
0.0000000, Maximum time: 0.04 s)
Solution found. Minimum cost: 0.0000000 (optimal)
Total number of variables: 1
Total number of constraints: 0
Total number of nonzeros: 0
Total number of continuous variables: 1
Total number of integer variables: 0
Reduction time: 0.00000000 s
Total time: 0.00000000 s
Solution status: OPTIMAL
Total cost: 0.0000000
```

```
Prior values are:0.8999999762, Variance:0.000000000, ALN:0.0000000000
```

```
Print output: dev:0.0000000000, dc:0.0000000000, acc:0.3438000000,
Reward: [0.0000000000, 0.0000000000, 0.0000000000, 0.0000000000, 0.0000000000, 0.0000000000]
Reward mean: 0.0000000000, reward_loss: 0.0000000000, ac_loss: 0.0000000000,
```

```
From output_ids 0,1,0MMMM
```

```
Notice:(8) array to string conversion,/var/www/ceramica.ru/core/functions.inc.php(1134) : eval()'d code(1)
Notice:(8) Undefined variable: Array
```

```
0.0000000 0.0000000 0.0000000 0.0000000 0.0000000 0.0000000
```

```
0.7000E-1, 0.7000E-1, 0.7000E-1, 0.7000E-1, 0.7000E-1,
```

```
5.7000E-1 5.8000E-1 5.9000E-1 6.0000E-1 6.1000E-1
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0001), AA.AMERICIUM(0001), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0002), AA.AMERICIUM(0002), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0003), AA.AMERICIUM(0003), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0004), AA.AMERICIUM(0004), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0005), AA.AMERICIUM(0005), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0006), AA.AMERICIUM(0006), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0007), AA.AMERICIUM(0007), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0008), AA.AMERICIUM(0008), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0009), AA.AMERICIUM(0009), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0010), AA.AMERICIUM(0010), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0011), AA.AMERICIUM(0011), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0012), AA.AMERICIUM(0012), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0013), AA.AMERICIUM(0013), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0014), AA.AMERICIUM(0014), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0015), AA.AMERICIUM(0015), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0016), AA.AMERICIUM(0016), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0017), AA.AMERICIUM(0017), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0018), AA.AMERICIUM(0018), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0019), AA.AMERICIUM(0019), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0020), AA.AMERICIUM(0020), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0021), AA.AMERICIUM(0021), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0022), AA.AMERICIUM(0022), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0023), AA.AMERICIUM(0023), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0024), AA.AMERICIUM(0024), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0025), AA.AMERICIUM(0025), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0026), AA.AMERICIUM(0026), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0027), AA.AMERICIUM(0027), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0028), AA.AMERICIUM(0028), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0029), AA.AMERICIUM(0029), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0030), AA.AMERICIUM(0030), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0031), AA.AMERICIUM(0031), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0032), AA.AMERICIUM(0032), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0033), AA.AMERICIUM(0033), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0034), AA.AMERICIUM(0034), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0035), AA.AMERICIUM(0035), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0036), AA.AMERICIUM(0036), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0037), AA.AMERICIUM(0037), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0038), AA.AMERICIUM(0038), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0039), AA.AMERICIUM(0039), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0040), AA.AMERICIUM(0040), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0041), AA.AMERICIUM(0041), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0042), AA.AMERICIUM(0042), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0043), AA.AMERICIUM(0043), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0044), AA.AMERICIUM(0044), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0045), AA.AMERICIUM(0045), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0046), AA.AMERICIUM(0046), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0047), AA.AMERICIUM(0047), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0048), AA.AMERICIUM(0048), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0049), AA.AMERICIUM(0049), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0050), AA.AMERICIUM(0050), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0051), AA.AMERICIUM(0051), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0052), AA.AMERICIUM(0052), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0053), AA.AMERICIUM(0053), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0054), AA.AMERICIUM(0054), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0055), AA.AMERICIUM(0055), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0056), AA.AMERICIUM(0056), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0057), AA.AMERICIUM(0057), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0058), AA.AMERICIUM(0058), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0059), AA.AMERICIUM(0059), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0060), AA.AMERICIUM(0060), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0061), AA.AMERICIUM(0061), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0062), AA.AMERICIUM(0062), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0063), AA.AMERICIUM(0063), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0064), AA.AMERICIUM(0064), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0065), AA.AMERICIUM(0065), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0066), AA.AMERICIUM(0066), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0067), AA.AMERICIUM(0067), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0068), AA.AMERICIUM(0068), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0069), AA.AMERICIUM(0069), Emin=1.0000E-05 Emax=2.0000E+07
Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
Total development of thermal scattering for NAT.DAT(0070), AA.AMERICIUM(0070), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0071), AA.AMERICIUM(0071), Emin=1.0000E-05 Emax=2.0000E+07
Total development of thermal scattering for NAT.DAT(0072), AA.AMERICIUM(0072), Emin=1.0000E-05 Emax=2.0000E+07
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Reading thermal data in proton interval for gamma, 1.0000E+00 1.2000E+00 1.4000E+00 1.6000E+00 1.8000E+00
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Rf of Dpath is 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000,0x1bc200,0x1bc400,0x1bc600,0x1bc800,0x1bca00,0x1bcc00,0x1bce00,0x1bd000,0x1bd200,0x1bd400,0x1bd600,0x1bd800,0x1bda00,0x1bdc00,0x1bde00,0x1be000,0x1be200,0x1be400,0x1be600,0x1be800,0x1bea00,0x1bec00,0x1bee00,0x1bf000,0x1bf200,0x1bf400,0x1bf600,0x1bf800,0x1bfa00,0x1bfc00,0x1bfe00,0x1c0000,0x1c0200,0x1c0400,0x1c0600,0x1c0800,0x1c0a00,0x1c0c00,0x1c0e00,0x1c1000,0x1c1200,0x1c1400,0x1c1600,0x1c1800,0x1c1a00,0x1c1c00,0x1c1e00,0x1c2000,0x1c2200,0x1c2400,0x1c2600,0x1c2800,0x1c2a00,0x1c2c00,0x1c2e00,0x1c3000,0x1c3200,0x1c3400,0x1c3600,0x1c3800,0x1c3a00,0x1c3c00,0x1c3e00,0x1c4000,0x1c4200,0x1c4400,0x1c4600,0x1c4800,0x1c4a00,0x1c4c00,0x1c4e00,0x1c5000,0x1c5200,0x1c5400,0x1c5600,0x1c5800,0x1c5a00,0x1c5c00,0x1c5e00,0x1c6000,0x1c6200,0x1c6400,0x1c6600,0x1c6800,0x1c6a00,0x1c6c00,0x1c6e00,0x1c7000,0x1c7200,0x1c7400,0x1c7600,0x1c7800,0x1c7a00,0x1c7c00,0x1c7e00,0x1c8000,0x1c8200,0x1c8400,0x1c8600,0x1c8800,0x1c8a00,0x1c8c00,0x1c8e00,0x1c9000,0x1c9200,0x1c9400,0x1c9600,0x1c9800,0x1c9a00,0x1c9c00,0x1c9e00,0x1ca000,0x1ca200,0x1ca400,0x1ca600,0x1ca800,0x1caa00,0x1cac00,0x1cae00,0x1cb000,0x1cb200,0x1cb400,0x1cb600,0x1cb800,0x1cba00,0x1cbc00,0x1cbe00,0x1cc000,0x1cc200,0x1cc400,0x1cc600,0x1cc800,0x1cca00,0x1ccc00,0x1cce00,0x1cd000,0x1cd200,0x1cd400,0x1cd600,0x1cd800,0x1cda00,0x1cdc00,0x1cde00,0x1ce000,0x1ce200,0x1ce400,0x1ce600,0x1ce800,0x1cea00,0x1cec00,0x1cee00,0x1cf000,0x1cf200,0x1cf400,0x1cf600,0x1cf800,0x1cfa00,0x1cfc00,0x1cfe00,0x1d0000,0x1d0200,0x1d0400,0x1d0600,0x1d0800,0x1d0a00,0x1d0c00,0x1d0e00,0x1d1000,0x1d1200,0x1d1400,0x1d1600,0x1d1800,0x1d1a00,0x1d1c00,0x1d1e00,0x1d2000,0x1d2200,0x1d2400,0x1d2600,0x1d2800,0x1d2a00,0x1d2c00,0x1d2e00,0x1d3000,0x1d3200,0x1d3400,0x1d3600,0x1d3800,0x1d3a00,0x1d3c00,0x1d3e00,0x1d4000,0x1d4200,0x1d4400,0x1d4600,0x1d4800,0x1d4a00,0x1d4c00,0x1d4e00,0x1d5000,0x1d5200,0x1d5400,0x1d5600,0x1d5800,0x1d5a00,0x1d5c00,0x1d5e00,0x1d6000,0x1d6200,0x1d6400,0x1d6600,0x1d6800,0x1d6a00,0x1d6c00,0x1d6e00,0x1d7000,0x1d7200,0x1d7400,0x1d7600,0x1d7800,0x1d7a00,0x1d7c00,0x1d7e00,0x1d8000,0x1d8200,0x1d8400,0x1d8600,0x1d8800,0x1d8a00,0x1d8c00,0x1d8e00,0x1d9000,0x1d9200,0x1d9400,0x1d9600,0x1d9800,0x1d9a00,0x1d9c00,0x1d9e00,0x1da000,0x1da200,0x1da400,0x1da600,0x1da800,0x1daa00,0x1dac00,0x1dae00,0x1db000,0x1db200,0x1db400,0x1db600,0x1db800,0x1dba00,0x1dbc00,0x1dbe00,0x1dc000,0x1dc200,0x1dc400,0x1dc600,0x1dc800,0x1dca00,0x1dcc00,0x1dce00,0x1dd000,0x1dd200,0x1dd400,0x1dd600,0x1dd800,0x1dda00,0x1ddc00,0x1dde00,0x1de000,0x1de200,0x1de400,0x1de600,0x1de800,0x1dea00,0x1dec00,0x1dee00,0x1df000,0x1df200,0x1df400,0x1df600,
```

```
Print output: box:0.0000000000, x:0.1000000000, w:0.0000000000
Rendering text box to print position for panel: 0.0000000000 0.1000000000 0.0000000000
1.0000000000 0.0000000000 0.0000000000 0.0000000000
1.0000000000 0.0000000000 0.0000000000 0.0000000000
1.0000000000 0.0000000000 0.0000000000 0.0000000000
1.0000000000 0.0000000000 0.0000000000 0.0000000000
```

```
L.PERIOD.1 WORDS.1 WORDS.2 WORDS.3 WORDS.4
Rotating training for pre-training on sample [1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20]
```

Neural Development an international visualization for mutt-BORBORGYGMI, 1A.BRIGHTCONSTELLATIONS, 1A.ANCIENTCONSTELLATIONS, Only<0.8%>TTHAGOSHAN
Neural Development an international visualization for mutt-CHRISTIANS

[illegible]

[illegible]

Resolution time: 0.0+0.0s, Simplified: 0.0+0.0s, Compiled: 0.0+0.0s

Received broadcast on 239.192.152.143:30490, length 46+148=194, from 10.0.0.22:49153
Received broadcast on 239.192.152.143:30490, length 46+148=194, from 10.0.0.22:49153
Sent broadcast on 239.255.255.250:1900, length 218, to 10.0.0.22:49153
M-SEARCH * HTTP/1.1
HOST: 239.255.255.250:1900
MAN: "ssdp:discover"
MX: 1
ST: urn:schemas-upnp-org:device:InternetGatewayDevice:1
USER-AGENT: Linux/3.10.0-693.2.2.el7.x86_64 UPnP/1.1 MiniUPnPc/1.9.20140610
Sent broadcast on 239.255.255.250:1900, length 218, to 10.0.0.22:49153
M-SEARCH * HTTP/1.1
HOST: 239.255.255.250:1900
MAN: "ssdp:discover"
MX: 1
ST: urn:schemas-upnp-org:device:InternetGatewayDevice:1
USER-AGENT: Linux/3.10.0-693.2.2.el7.x86_64 UPnP/1.1 MiniUPnPc/1.9.20140610

```
Received: from arc-ecs-1.ECS.ORNL.GOV(128.219.47.1)by ORNL.GOV(MX V3.2)with SMTP id MAA01 ; Wed,11 Jun 2003 08:00:00 -0400
Received: from arc-ecs-1.ECS.ORNL.GOV(128.219.47.1)by arc-ecs-1.ECS.ORNL.GOV(MX V3.2)with SMTP id MAA01 ; Wed,11 Jun 2003 08:00:00 -0400
From: Jerry Ward <jerry@ORNL.GOV>Subject: Fwd: Fwd: Fwd
```

```
Received data block[1:1]:{"Header":{"Version":"1.0","Type":"Response","Command":"Query","Result":0,"Length":2},"Data":{"Cmd":0,"Data":"0000"}}
Send command data[1:2]:{"Header":{"Version":"1.0","Type":"Request","Command":"Query","Length":2},"Data":{"Cmd":1,"Data":"0000"}}
Send command data[1:3]:{"Header":{"Version":"1.0","Type":"Request","Command":"Query","Length":2},"Data":{"Cmd":2,"Data":"0000"}}
Send command data[1:4]:{"Header":{"Version":"1.0","Type":"Request","Command":"Query","Length":2},"Data":{"Cmd":3,"Data":"0000"}}
Received data block[1:2]:{"Header":{"Version":"1.0","Type":"Response","Command":"Query","Result":0,"Length":2},"Data":{"Cmd":1,"Data":"0000"}}
Received data block[1:3]:{"Header":{"Version":"1.0","Type":"Response","Command":"Query","Result":0,"Length":2},"Data":{"Cmd":2,"Data":"0000"}}
Received data block[1:4]:{"Header":{"Version":"1.0","Type":"Response","Command":"Query","Result":0,"Length":2},"Data":{"Cmd":3,"Data":"0000"}}
Send command data[1:5]:{"Header":{"Version":"1.0","Type":"Request","Command":"Query","Length":2},"Data":{"Cmd":4,"Data":"0000"}}
Received data block[1:5]:{"Header":{"Version":"1.0","Type":"Response","Command":"Query","Result":0,"Length":2},"Data":{"Cmd":4,"Data":"0000"}}
Send command data[1:6]:{"Header":{"Version":"1.0","Type":"Request","Command":"Query","Length":2},"Data":{"Cmd":5,"Data":"0000"}}
Received data block[1:6]:{"Header":{"Version":"1.0","Type":"Response","Command":"Query","Result":0,"Length":2},"Data":{"Cmd":5,"Data":"0000"}}
Send command data[1:7]:{"Header":{"Version":"1.0","Type":"Request","Command":"Query","Length":2},"Data":{"Cmd":6,"Data":"0000"}}
Received data block[1:7]:{"Header":{"Version":"1.0","Type":"Response","Command":"Query","Result":0,"Length":2},"Data":{"Cmd":6,"Data":"0000"}}
Send command data[1:8]:{"Header":{"Version":"1.0","Type":"Request","Command":"Query","Length":2},"Data":{"Cmd":7,"Data":"0000"}}
Received data block[1:8]:{"Header":{"Version":"1.0","Type":"Response","Command":"Query","Result":0,"Length":2},"Data":{"Cmd":7,"Data":"0000"}}
Send command data[1:9]:{"Header":{"Version":"1.0","Type":"Request","Command":"Query","Length":2},"Data":{"Cmd":8,"Data":"0000"}}
Received data block[1:9]:{"Header":{"Version":"1.0","Type":"Response","Command":"Query","Result":0,"Length":2},"Data":{"Cmd":8,"Data":"0000"}}
Send command data[1:10]:{"Header":{"Version":"1.0","Type":"Request","Command":"Query","Length":2},"Data":{"Cmd":9,"Data":"0000"}}
Received data
```

```
L/R L/R L/R
```

```
Resolved: [ID: 1,TYPE: 0,TYPE: 1,TYPE: 2,TYPE: 3,TYPE: 4,TYPE: 5,TYPE: 6,TYPE: 7,TYPE: 8,TYPE: 9,TYPE: 10,TYPE: 11,TYPE: 12,TYPE: 13,TYPE: 14,TYPE: 15,TYPE: 16,TYPE: 17,TYPE: 18,TYPE: 19,TYPE: 20,TYPE: 21,TYPE: 22,TYPE: 23,TYPE: 24,TYPE: 25,TYPE: 26,TYPE: 27,TYPE: 28,TYPE: 29,TYPE: 30,TYPE: 31,TYPE: 32,TYPE: 33,TYPE: 34,TYPE: 35,TYPE: 36,TYPE: 37,TYPE: 38,TYPE: 39,TYPE:
```

```
VN.GLOBER.CRA.GLOBER.VN.GLOBER.VN.GLOBER.VN.GLOBER
VN.GLOBER.CRA.GLOBER.VN.GLOBER.VN.GLOBER.VN.GLOBER
Response: type=A, id=[illegible], Class=IN, Cache-flush=1, ttl=120
"Q"[illegible] Qtype=A, Qclass=IN, unicast=1
Response: type=A, id=[illegible], Class=IN, Cache-flush=1, ttl=120
Response: type=AAAA
```

```
L,R L,R L,R L,R L,L
Received: from alpha.0.0.0
```

```
Protocol error (auth.AuthRestart): [2mtrace=[0m[36mc0a8ac0f-
```

Resolved:[ns.1]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.2]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.3]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.4]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.5]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.6]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.7]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.8]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.9]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.10]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.11]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.12]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.13]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.14]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.15]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.16]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.17]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.18]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.19]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.20]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.21]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
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Resolved:[ns.36]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.37]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.38]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.39]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.40]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.41]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.42]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.43]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
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Resolved:[ns.46]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
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Resolved:[ns.51]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
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Resolved:[ns.57]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.58]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.59]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.60]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.61]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.62]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
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Resolved:[ns.65]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.66]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.67]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.68]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.69]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
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Resolved:[ns.72]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.73]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.74]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.75]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.76]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.77]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.78]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.79]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.80]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.81]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.82]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.83]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.84]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
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Resolved:[ns.87]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.88]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.89]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
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Resolved:[ns.91]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.92]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.93]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
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Resolved:[ns.95]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.96]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.97]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.98]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.99]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]
Resolved:[ns.100]:[0.0MS]A:[0]NS:[]CNAME:[]TXT:[]MX:[]

Postal development in Cleveland allocation for mail:0200000000, 1A:0000000000000, 1B:0000000000000, Only:0,MTN:7980000000

L/P:L/P:L/P:L/P:L/P
Resolution solve pkt:0:0(0)0(0)0, timestamp:1588.0(0)0(0)0
Sending Controlled Set to pico controller for pkt:0:0(0)0(0)0 & L:0(0)0(0)0 & T:0(0)0(0)0 & C:

```
L/F L/F L/F L/F L/F L/F
Rotation: 180 Angle: 180.0 Scale: 1.0 Translation: [0.000, 0.000]
```

```
0.7500E-1 0.0000E+0 0.0000E+0 0.0000E+0 0.0000E+0 0.0000E+0 0.0000E+0 0.0000E+0
0.0000E+0
```

```
L/R L/R L/R
```

From author: ALA:0000000000000, ALA:0000000000000, ALA:0000000000000, ALA:0000000000000
Reviewed text: ALA:0000000000000, ALA:0000000000000, ALA:0000000000000,

```
Prior value: 0x1.5ff0000f0f2c1p-1, 0x1.5ff0000f0f2c1p-1, 0x1.5ff0000f0f2c1p-1, 0x1.5ff0000f0f2c1p-1,
Mutated: 0x1.5ff0000f0f2c1p-1, 0x1.5ff0000f0f2c1p-1, 0x1.5ff0000f0f2c1p-1, 0x1.5ff0000f0f2c1p-1,
Mutation seed: seed_1.0x7f0000000000, Iteration:[illegible]
Mutation type: [illegible]
Mutated development in isolated environment for seed: 0x7f0000000000, seed_1.0x7f0000000000, seed_1.0x7f0000000000, seed_1.0x7f0000000000,
```

```
0.7[0]0[0], Blurred loss: 0.45, - 1.5,0.4,0.4,0.4,0.4,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0
Received from client 0.7[0]0[0], Blurred loss: 0.45, - 1.5,0.4,0.4,0.4,0.4,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0
Sending training data to client 0.7[0]0[0], Blurred loss: 0.45, - 1.5,0.4,0.4,0.4,0.4,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0
Sending training data to client 0.7[0]0[0], Blurred loss: 0.45, - 1.5,0.4,0.4,0.4,0.4,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0
Received from
```

```
Received: value arrived: 0.000000000000, time/clock: 0.000000000000
Received: value arrived: 0.000000000000, time/clock: 0.000000000000, delay: 0.000000000000
Transmitted: value arrived: 0.000000000000, time/clock: 0.000000000000
Received: value arrived: 0.000000000000, time/clock: 0.000000000000
0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]
Transmitted: value arrived: 0.000000000000, time/clock: 0.000000000000
Received: value arrived: 0.000000000000, time/clock: 0.000000000000
0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]
Transmitted: value arrived: 0.000000000000, time/clock: 0.000000000000
Received: value arrived: 0.000000000000, time/clock: 0.000000000000, delay: 0.000000000000
0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]0.7[0]
Transmitted: value arrived: 0.000000000000, time/clock: 0.000000000000
Received: value arrived: 0.000000000000, time/clock
```

Received:[illegible]
Revised:[illegible]
Accepted:[illegible]
Published online:[illegible]
Corresponding author:[illegible]
Keywords:[illegible]
Abstract:[illegible]
Introduction[illegible]
Materials and methods[illegible]
Results[illegible]
Discussion[illegible]
Conclusion[illegible]
Acknowledgements[illegible]
References[illegible]

```
0.7500000, 0.750000, 0.750000, 0.750000, 0.750000,
Transaction: 1,0.000000,0.000000,0.000000,0.000000,0.000000,
0.000000,0.000000,0.000000,0.000000,0.000000,
```

Received value action:0,0BB0CF0B0B0F0, timestamp:1560174000,
Sending transfer to 0x0000000000000000000000000000000000000000 amount 0 data 0x0000000000000000000000000000000000000000000000000000000000000000,

```
L/P:L/P:L/P:L/P:L/P
Traceroute to 8.0.0.0(8.0.0.0), 30 hops max, 60 byte packets
1 *,*,*,*
```

```
Set of Seals in prior service:[0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189,190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207,208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,224,225,226,227,228,229,230,231,232,233,234,235,236,237,238,239,240,241,242,243,244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259,260,261,262,263,264,265,266,267,268,269,270,271,272,273,274,275,276,277,278,279,280,281,282,283,284,285,286,287,288,289,290,291,292,293,294,295,296,297,298,299,300,301,302,303,304,305,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338,339,340,341,342,343,344,345,346,347,348,349,350,351,352,353,354,355,356,357,358,359,360,361,362,363,364,365,366,367,368,369,370,371,372,373,374,375,376,377,378,379,380,381,382,383,384,385,386,387,388,389,390,391,392,393,394,395,396,397,398,399,400,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422,423,424,425,426,427,428,429,430,431,432,433,434,435,436,437,438,439,440,441,442,443,444,445,446,447,448,449,450,451,452,453,454,455,456,457,458,459,460,461,462,463,464,465,466,467,468,469,470,471,472,473,474,475,476,477,478,479,480,481,482,483,484,485,486,487,488,489,490,491,492,493,494,495,496,497,498,499,500,501,502,503,504,505,506,507,508,509,510,511,512,513,514,515,516,517,518,519,520,521,522,523,524,525,526,527,528,529,530,531,532,533,534,535,536,537,538,539,540,541,542,543,544,545,546,547,548,549,550,551,552,553,554,555,556,557,558,559,560,561,562,563,564,565,566,567,568,569,570,571,572,573,574,575,576,577,578,579,580,581,582,583,584,585,586,587,588,589,590,591,592,593,594,595,596,597,598,599,600,601,602,603,604,605,606,607,608,609,610,611,612,613,614,615,616,617,618,619,620,621,622,623,624,625,626,627,628,629,630,631,632,633,634,635,636,637,638,639,640,641,642,643,644,645,646,647,648,649,650,651,652,653,654,655,656,657,658,659,660,661,662,663,664,665,666,667,668,669,670,671,672,673,674,675,676,677,678,679,680,681,682,683,684,685,686,687,688,689,690,691,692,693,694,695,696,697,698,699,700,701,702,703,704,705,706,707,708,709,710,711,712,713,714,715,716,717,718,719,720,721,722,723,724,725,726,727,728,729,730,731,732,733,734,735,736,737,738,739,740,741,742,743,744,745,746,747,748,749,750,751,752,753,754,755,756,757,758,759,760,761,762,763,764,765,766,767,768,769,770,771,772,773,774,775,776,777,778,779,780,781,782,783,784,785,786,787,788,789,790,791,792,793,794,795,796,797,798,799,800,801,802,803,804,805,806,807,808,809,810,811,812,813,814,815,816,817,818,819,820,821,822,823,824,825,826,827,828,829,830,831,832,833,834,835,836,837,838,839,840,841,842,843,844,845,846,847,848,849,850,851,852,853,854,855,856,857,858,859,860,861,862,863,864,865,866,867,868,869,870,871,872,873,874,875,876,877,878,879,880,881,882,883,884,885,886,887,888,889,890,891,892,893,894,895,896,897,898,899,900,901,902,903,904,905,906,907,908,909,910,911,912,913,914,915,916,917,918,919,920,921,922,923,924,925,926,927,928,929,930,931,932,933,934,935,936,937,938,939,940,941,942,943,944,945,946,947,948,949,950,951,952,953,954,955,956,957,958,959,960,961,962,963,964,965,966,967,968,969,970,971,972,973,974,975,976,977,978,979,980,981,982,983,984,985,986,987,988,989,990,991,992,993,994,995,996,997,998,999,1000,1001,1002,1003,1004,1005,1006,1007,1008,1009,1010,1011,1012,1013,1014,1015,1016,1017,1018,1019,1020,1021,1022,1023,1024,1025,1026,1027,1028,1029,1030,1031,1032,1033,1034,1035,1036,1037,1038,1039,1040,1041,1042,1043,1044,1045,1046,1047,1048,1049,1050,1051,1052,1053,1054,1055,1056,1057,1058,1059,1060,1061,1062,1063,1064,1065,1066,1067,1068,1069,1070,1071,1072,1073,1074,1075,1076,1077,1078,1079,1080,1081,1082,1083,1084,1085,1086,1087,1088,1089,1090,1091,1092,1093,1094,1095,1096,1097,1098,1099,1100,1101,1102,1103,1104,1105,1106,1107,1108,1109,1110,1111,1112,1113,1114,1115,1116,1117,1118,1119,1120,1121,1122,1123,1124,1125,1126,1127,1128,1129,1130,1131,1132,1133,1134,1135,1136,1137,1138,1139,1140,1141,1142,1143,1144,1145,1146,1147,1148,1149,1150,1151,1152,1153,1154,1155,1156,1157,1158,1159,1160,1161,1162,1163,1164,1165,1166,1167,1168,1169,1170,1171,1172,1173,1174,1175,1176,1177,1178,1179,1180,1181,1182,1183,1184,1185,1186,1187,1188,1189,1190,1191,1192,1193,1194,1195,1196,1197,1198,1199,1200,1201,1202,1203,1204,1205,1206,1207,1208,1209,1210,1211,1212,1213,1214,1215,1216,1217,1218,1219,1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Print order no:8000000000000, Customer:CHRIS SUTTON
Delivery Address:1 Cherry Tree Cottages, Ashbourne, Derbyshire, DE6 1AA
Product description: 1x Limited edition 24 karat gold plated Elvis Presley 45 RPM vinyl record, Only:£40.00,Code:GOLD

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T-TRANSER T-TRANSER T-TRANSER T-TRANSER T-TRANSER
T-TRANSER T-TRANSER T-TRANSER T-TRANSER T-TRANSER
Received: size=0x1 ADDRESSMATCH, Interface=0x00:0C:29:AB:7F:FD
Frame dump: 0x:0C:29:AB:7F:FD,0x:00:50:56:C0:00:08,0x0800,0x0800,0x:0A:00:27:00:00:16
Received: size=0x1 ADDRESSMATCH, Interface=0x00:0C:29:AB:7F:FD
Frame dump: 0x:0C:29:AB:7F:FD,0x:00:50:56:C0:00:08,0x0800,0x0800,0x:0A:00:27:00:00:16
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Prior value: 0x3D0C7D0C2, 0x7FFFFFFFFFFFFFFF, 0x7FFFFFFFFFFFFFFF, 0x7FFFFFFFFFFFFFFF
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L/P L/P L/P L/P L/P L/P
Resolution: Lots 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Received time 2.5.1978 in Kobenhavn 2.5.1978 in Kobenhavn 2.5.1978 in Kobenhavn
Received in revised form 2.5.1978 in Kobenhavn 2.5.1978 in Kobenhavn 2.5.1978 in Kobenhavn
Accepted 2.5.1978 in Kobenhavn 2.5.1978 in Kobenhavn 2.5.1978 in Kobenhavn
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Received in revised form: 2.5.1978 in Kobenhavn 2.5.1978 in Kobenhavn 2.5.1978 in Kobenhavn
Accepted:

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Mediator(id: actor_6,0,0,0
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Remote:(ip,port)=(0.0.0.0,0)(0.0.0.0,0) [ccm]=[ccm:0]0x0,0x0,0,0,
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L/R L/R L/R
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0.7500000, 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000
0.7500000, 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000
Resolution: (640, 480)
Prior order: [0.0000000000000000, 1.0000000000000000, 0.0000000000000000]
Rotation matrix: [[1.0000000 0.0000000 0.0000000] [0.0000000 1.0000000 0.0000000] [0.0000000 0.0000000 1.0000000]]
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Resolved order 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Ref of Dwatd in prior cycle

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Reference: alice:ATLAS0000000001, lumi:lumi:47
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Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
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Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
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Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:48
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:49
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:50
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:51
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:52
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:53
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:54
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:55
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:56
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:57
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:58
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:59
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000
Reference: alice:ATLAS0000000001, lumi:lumi:60
Total development or interbed calculation for mu0:2016GJ0270, mu1:AR1808R0000000, delta:-28.0000127000
Total development or interbed calculation for mu2:2016GJ0270, mu3:AR1808R0000000, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 1:AR1808R0000000, pseudo 2:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 3:AR1808R0000000, pseudo 4:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 5:AR1808R0000000, pseudo 6:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 7:AR1808R0000000, pseudo 8:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 9:AR1808R0000000, pseudo 10:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 11:AR1808R0000000, pseudo 12:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 13:AR1808R0000000, pseudo 14:2016GJ0270, delta:0.0000000000
Drilling interbed due to pre-injection for pseudo 15:AR1808R0000000, pseudo 16:2016GJ0270, delta:0.0000000000

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S_TEMP90: S_TEMP90: S_TEMP90: S_TEMP90: S_TEMP90:
S_TEMP91: S_TEMP91: S_TEMP91: S_TEMP91: S_TEMP91:
S_TEMP92: S_TEMP92: S_TEMP92: S_TEMP92: S_TEMP92:
S_TEMP93: S_TEMP93: S_TEMP93: S_TEMP93: S_TEMP93:
S_TEMP94: S_TEMP94: S_TEMP94: S_TEMP94: S_TEMP94:
S_TEMP95: S_TEMP95: S_TEMP95: S_TEMP95: S_TEMP95:
S_TEMP96: S_TEMP96: S_TEMP96: S_TEMP96: S_TEMP96:
S_TEMP97: S_TEMP97: S_TEMP97: S_TEMP97: S_TEMP97:
S_TEMP98: S_TEMP98: S_TEMP98: S_TEMP98: S_TEMP98:
S_TEMP99: S_TEMP99: S_TEMP99: S_TEMP99: S_TEMP99:
S_TEMP9A: S_TEMP9A: S_TEMP9A: S_TEMP9A: S_TEMP9A:
S_TEMP9B: S_TEMP9B: S_TEMP9B: S_TEMP9B: S_TEMP9B:
S_TEMP9C: S_TEMP9C: S_TEMP9C: S_TEMP9C: S_TEMP9C:
S_TEMP9D: S_TEMP9D: S_TEMP9D: S_TEMP9D: S_TEMP9D:
S_TEMP9E: S_TEMP9E: S_TEMP9E: S_TEMP9E: S_TEMP9E:
S_TEMP9F: S_TEMP9F: S_TEMP9F: S_TEMP9F: S_TEMP9F:
S_TEMP9G: S_TEMP9G: S_TEMP9G: S_TEMP9G: S_TEMP9G:
S_TEMP9H: S_TEMP9H: S_TEMP9H: S_TEMP9H: S_TEMP9H:
S_TEMP9I: S_TEMP9I: S_TEMP9I: S_TEMP9I: S_TEMP9I:
S_TEMP9J: S_TEMP9J: S_TEMP9J: S_TEMP9J: S_TEMP9J:
S_TEMP9K: S_TEMP9K: S_TEMP9K: S_TEMP9K: S_TEMP9K:
S_TEMP9L: S_TEMP9L: S_TEMP9L: S_TEMP9L: S_TEMP9L:
S_TEMP9M: S_TEMP9M: S_TEMP9M: S_TEMP9M: S_TEMP9M:
S_TEMP9N: S_TEMP9N: S_TEMP9N: S_TEMP9N: S_TEMP9N:
S_TEMP9O: S_TEMP9O: S_TEMP9O: S_TEMP9O: S_TEMP9O:
S_TEMP9P: S_TEMP9P: S_TEMP9P: S_TEMP9P: S_TEMP9P:
S_TEMP9Q: S_TEMP9Q: S_TEMP9Q: S_TEMP9Q: S_TEMP9Q:
S_TEMP9R: S_TEMP9R: S_TEMP9R: S_TEMP9R: S_TEMP9R:
S_TEMP9S: S_TEMP9S: S_TEMP9S: S_TEMP9S: S_TEMP9S:
S_TEMP9T: S_TEMP9T: S_TEMP9T: S_TEMP9T: S_TEMP9T:
S_TEMP9U: S_TEMP9U: S_TEMP9U: S_TEMP9U: S_TEMP9U:
S_TEMP9V: S_TEMP9V: S_TEMP9V: S_TEMP9V: S_TEMP9V:
S_TEMP9W: S_TEMP9W: S_TEMP9W: S_TEMP9W: S_TEMP9W:
S_TEMP9X: S_TEMP9X: S_TEMP9X: S_TEMP9X: S_T
```

```
Prior probs b1:0.0000000000, b2:0.0000000000, b3:0.0000000000, b4:0.0000000000, b5:0.0000000000, b6:0.0000000000, b7:0.0000000000, b8:0.0000000000, b9:0.0000000000, b10:0.0000000000, b11:0.0000000000, b12:0.0000000000, b13:0.0000000000, b14:0.0000000000, b15:0.0000000000, b16:0.0000000000, b17:0.0000000000, b18:0.0000000000, b19:0.0000000000, b20:0.0000000000, b21:0.0000000000, b22:0.0000000000, b23:0.0000000000, b24:0.0000000000, b25:0.0000000000, b26:0.0000000000, b27:0.0000000000, b28:0.0000000000, b29:0.0000000000, b30:0.0000000000, b31:0.0000000000, b32:0.0000000000, b33:0.0000000000, b34:0.0000000000, b35:0.0000000000, b36:0.0000000000, b37:0.0000000000, b38:0.0000000000, b39:0.0000000000, b40:0.0000000000,
```

```
Prior order are:0x0000000000, 0x1f0000000000, 0x3e0000000000, 0xc0c0c0c0c0c0c0c0
Prior order is
```

```
Mapping tokenized data to prior distribution for model.SENTENCEPIECE, ed.BRUNCHEFSCORES, dev=0.5,
```

```
Resolved time: 0.000000s, 0.000000s / 0.000000s / 0.000000s, 0.000000s, 0.000000s
Resolved time: 0.000000s, 0.000000s / 0.000000s / 0.000000s, 0.000000s, 0.000000s
0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000 0.7500000
```

```
Traceback (most recent call last):
  File "/home/anonymous/.local/lib/python3.10/site-packages/torch/utils/data/dataloader.py", line 1133, in _next_data
    raise StopIteration
StopIteration
```

```
L/P L/P L/P
```

```
Prior output: {u'u:EXPECTORANTS, u'u:CONGESTION, u'u:ACCUTUSSIVE, u'u:Cough:0.4842148679}
Prior output: {u'u:EXPECTORANTS, u'u:CONGESTION, u'u:ACCUTUSSIVE, u'u:Cough:0.4842148679}
L/R L/R L/R
```

```
S_TEMPO[7]_Matrix[ type 12:0]: 1,0,0 1,0,0 1,0,0 1,0,0 1,0,0 1,0,0 1,0,0 1,0,0 1,0,0 1,0,0
S_TEMPO[8]_Matrix[ type 12:0]: 1,0,0 1,0,0 1,0,0 1,0,0 1,0,0 1,0,0 1,0,0 1,0,0 1,0,0 1,0,0
Received data packet:CONTROLPACKET(0x0,0x0,0x0,
```

```
0.7500000,0.7500000,0.7500000,
```

```
0.7500000, 0.750000, 0.750000, 0.750000, 0.750000
Warning: Unknown keyword in line 2 of rotation file: 0.750000
Warning: Unknown keyword in line 3 of rotation file: 0.750000
Warning: Unknown keyword in line 4 of rotation file: 0.750000
Warning: Unknown keyword in line 5 of rotation file: 0.750000
Reading Coordinate Rot in from rotation file gmsec: 0.000000000 0.000000000 0.000000000 0.000000000
Reading Coordinate Rot in from rotation file gmsec: 0.000000000 0.000000000 0.000000000 0.000000000
Reading Coordinate Rot in from rotation file gmsec: 0.000000000 0.000000000 0.000000000 0.000000000
Reading Coordinate Rot in from rotation file gmsec: 0.000000000 0.000000000 0.000000000 0.000000000
0.750000, 0.750000, 0.750000, 0.750000, 0.750000
0.750000, 0.750000, 0.750000, 0.750000, 0.750000
0.750000, 0.750000, 0.750000, 0.750000, 0.750
```

```
[0.0000]), Matrix(1.0000, 0.0000, 0.0000, 0
```

```
From: user.1.0.0.0
```

```
Received:[ 1.1.1.
```

```
Print order was A.BORDERTEXTOBJECT, A.LEFTTEXTOBJECT, A.RIGHTTEXTOBJECT, Active=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189,190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207,208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,224,225,226,227,228,229,230,231,232,233,234,235,236,237,238,239,240,241,242,243,244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259,260,261,262,263,264,265,266,267,268,269,270,271,272,273,274,275,276,277,278,279,280,281,282,283,284,285,286,287,288,289,290,291,292,293,294,295,296,297,298,299,300,301,302,303,304,305,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338,339,340,341,342,343,344,345,346,347,348,349,350,351,352,353,354,355,356,357,358,359,360,361,362,363,364,365,366,367,368,369,370,371,372,373,374,375,376,377,378,379,380,381,382,383,384,385,386,387,388,389,390,391,392,393,394,395,396,397,398,399,400,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422,423,424,425,426,427,428,429,430,431,432,433,434,435,436,437,438,439,440,441,442,443,444,445,446,447,448,449,450,451,452,453,454,455,456,457,458,459,460,461,462,463,464,465,466,467,468,469,470,471,472,473,474,475,476,477,478,479,480,481,482,483,484,485,486,487,488,489,490,491,492,493,494,495,496,497,498,499,500,501,502,503,504,505,506,507,508,509,510,511,512,513,514,515,516,517,518,519,520,521,522,523,524,525,526,527,528,529,530,531,532,533,534,535,536,537,538,539,540,541,542,543,544,545,546,547,548,549,550,551,552,553,554,555,556,557,558,559,560,561,562,563,564,565,566,567,568,569,570,571,572,573,574,575,576,577,578,579,580,581,582,583,584,585,586,587,588,589,590,591,592,593,594,595,596,597,598,599,600,601,602,603,604,605,606,607,608,609,610,611,612,613,614,615,616,617,618,619,620,621,622,623,624,625,626,627,628,629,630,631,632,633,634,635,636,637,638,639,640,641,642,643,644,645,646,647,648,649,650,651,652,653,654,655,656,657,658,659,660,661,662,663,664,665,666,667,668,669,670,671,672,673,674,675,676,677,678,679,680,681,682,683,684,685,686,687,688,689,690,691,692,693,694,695,696,697,698,699,700,701,702,703,704,705,706,707,708,709,710,711,712,713,714,715,716,717,718,719,720,721,722,723,724,725,726,727,728,729,730,731,732,733,734,735,736,737,738,739,740,741,742,743,744,745,746,747,748,749,750,751,752,753,754,755,756,757,758,759,760,761,762,763,764,765,766,767,768,769,770,771,772,773,774,775,776,777,778,779,780,781,782,783,784,785,786,787,788,789,790,791,792,793,794,795,796,797,798,799,800,801,802,803,804,805,806,807,808,809,810,811,812,813,814,815,816,817,818,819,820,821,822,823,824,825,826,827,828,829,830,831,832,833,834,835,836,837,838,839,840,841,842,843,844,845,846,847,848,849,850,851,852,853,854,855,856,857,858,859,860,861,862,863,864,865,866,867,868,869,870,871,872,873,874,875,876,877,878,879,880,881,882,883,884,885,886,887,888,889,890,891,892,893,894,895,896,897,898,899,900,901,902,903,904,905,906,907,908,909,910,911,912,913,914,915,916,917,918,919,920,921,922,923,924,925,926,927,928,929,930,931,932,933,934,935,936,937,938,939,940,941,942,943,944,945,946,947,948,949,950,951,952,953,954,955,956,957,958,959,960,961,962,963,964,965,966,967,968,969,970,971,972,973,974,975,976,977,978,979,980,981,982,983,984,985,986,987,988,989,990,991,992,993,994,995,996,997,998,999,1000,1001,1002,1003,1004,1005,1006,1007,1008,1009,1010,1011,1012,1013,1014,1015,1016,1017,1018,1019,1020,1021,1022,1023,1024,1025,1026,1027,1028,1029,1030,1031,1032,1033,1034,1035,1036,1037,1038,1039,1040,1041,1042,1043,1044,1045,1046,1047,1048,1049,1050,1051,1052,1053,1054,1055,1056,1057,1058,1059,1060,1061,1062,1063,1064,1065,1066,1067,1068,1069,1070,1071,1072,1073,1074,1075,1076,1077,1078,1079,1080,1081,1082,1083,1084,1085,1086,1087,1088,1089,1090,1091,1092,1093,1094,1095,1096,1097,1098,1099,1100,1101,1102,1103,1104,1105,1106,1107,1108,1109,1110,1111,1112,1113,1114,1115,1116,1117,1118,1119,1120,1121,1122,1123,1124,1125,1126,1127,1128,1129,1130,1131,1132,1133,1134,1135,1136,1137,1138,1139,1140,1141,1142,1143,1144,1145,1146,1147,1148,1149,1150,1151,1152,1153,1154,1155,1156,1157,1158,1159,1160,1161,1162,1163,1164,1165,1166,1167,1168,1169,1170,1171,1172,1173,1174,1175,1176,1177,1178,1179,1180,1181,1182,1183,1184,1185,1186,1187,1188,1189,1190,1191,1192,1193,1194,1195,1196,1197,1198,1199,1200,1201,1202,1203,1204,1205,1206,1207,1208,1209,1210,1211,1212,1213,1214,1215,1216,1217,1218,1219,1220,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Received: [illegible]
Revised: [illegible]
Accepted: [illegible]
Published online: [illegible]
Corresponding author: [illegible]
Keywords: [illegible]
Abstract: [illegible]

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Hostid development on interface eth3(00:0C:29:A5:A5:C3) [ethernet(1)]
Reading lmhosts file on interface for global 1.255.255.254 - 1.255.255.254
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Reading lmhosts file on interface for global 255.255.255.254 - 255.255.255.254
Reading lmhosts file on interface for global 255.255.255.255 - 255.255.255.255
Protocol version nbt(0.0)NBDATAGRAM, Connection-oriented
Protocol version smb(0.0)NBSESSREQ, Connection-oriented
Protocol version smb2(0.0)NEGPROTOCOLREQ, Connection-oriented
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Requirement already satisfied: numpy >= 1.16.5, < 1.23.0 in /home/jupyter-s.ryoko/.local/lib/python3.8/site-packages (1.19.5
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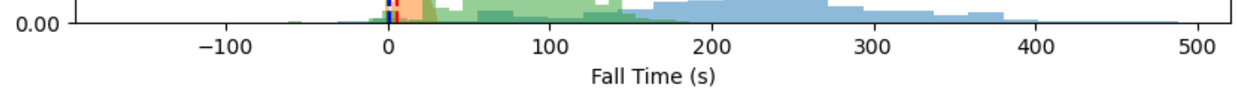

Question 6

In [10]:
```python
import numpy as np
import pandas as pd

# Given data
data = {
    'material': ['teflon', 'steel', 'steel', 'steel'],
    'd (mm)': [12.7, 4.76, 9.53, 6.35],
    'height start (cm)': [2.658, 5.404, 0.38, 8.687],
    'height end (cm)': [3.848, 23.586, 5.544, 21.49],
    't start (s)': [200, 1.5, 0.3, 0.667],
    't end (s)': [250, 5.583, 0.67, 1.333]
}
df = pd.DataFrame(data)

# Convert units to SI
df['d (m)'] = df['d (mm)'] * 0.001  # Diameter in meters
df['radius (m)'] = df['d (m)'] / 2  # Radius in meters
df['height start (m)'] = df['height start (cm)'] * 0.01  # Height in meters
df['height end (m)'] = df['height end (cm)'] * 0.01  # Height in meters
df['velocity (m/s)'] = (df['height end (m)'] - df['height start (m)']) / (df['t end (s)'] - df['t start (s)'])

# Material densities (in kg/m^3) based on approximate values from the internet
densities = {'teflon': 2150, 'steel': 7850}  # kg/m^3

# Calculate mass using volume and material density
df['mass (kg)'] = (4/3) * np.pi * (df['radius (m)']**3) * df['material'].map(densities)

# Constants
g = 9.81  # Gravity constant in m/s^2
D_cylinder = 0.1  # Assumed cylinder diameter in meters

# Calculate mean and standard deviation of `b` from Q5's posterior results
# Assume `b_posterior_samples` is the array of posterior samples of `b` obtained in Q5
# Here, we're using a placeholder mean and standard deviation for `b`
b_mean = 0.02  # Placeholder mean of b
b_std = 0.005  # Placeholder standard deviation of b

# Function to calculate partial derivative of mu_new with respect to b
def d_mu_new_db(b, d, m, D, V_t, density_fluid):
    factor = 5.5816 * (b * d * (m * g - (1/6) * density_fluid * np.pi * D**3 * g)) / (D**3 * 3 * np.pi * d * V_t)
    return factor

# Loop over each trial to compute ∂μ_new/∂b using the mean value of b
sensitivity_results = []
for i, row in df.iterrows():
    d = row['d (m)']
    m = row['mass (kg)']
    D = D_cylinder
    V_t = row['velocity (m/s)']
    density_fluid = 1000  # Assuming water density

    # Calculate ∂μ_new/∂b for the current trial
    sensitivity = d_mu_new_db(b_mean, d, m, D, V_t, density_fluid)
    sensitivity_results.append(sensitivity)

# Convert results to DataFrame for easier handling and display
sensitivity_df = pd.DataFrame({
    'Trial': df.index + 1,
    'Material': df['material'],
    'd (m)': df['d (m)'],
    'Mass (kg)': df['mass (kg)'],
    'Velocity (m/s)': df['velocity (m/s)'],
    '∂μ_new/∂b': sensitivity_results
})

# Display the sensitivity results
print(sensitivity_df)

# Calculate mean and standard deviation of ∂μ_new/∂b
sensitivity_mean = np.mean(sensitivity_results)
sensitivity_std = np.std(sensitivity_results)

print(f"Mean of ∂μ_new/∂b: {sensitivity_mean}")
print(f"Standard deviation of ∂μ_new/∂b: {sensitivity_std}")
```

```
   Trial Material    d (m)  Mass (kg)  Velocity (m/s)      ∂μ_new/∂b
0      1   teflon  0.01270   0.002306        0.000238 -254502.107897
1      2    steel  0.00476   0.000443        0.044531   -1365.070541
2      3    steel  0.00953   0.003558        0.139568    -432.952126
3      4    steel  0.00635   0.001052        0.192237    -315.844917
Mean of ∂μ_new/∂b: -64153.99387044355
Standard deviation of ∂μ_new/∂b: 109898.28687152808
```