Tuto_2.4_Parameter_estimation_for_compact_object_mergers

November 21, 2020

1 Gravitational Wave Open Data Workshop #3

Tutorial 2.4: Parameter estimation on GW150914 using open data. This example estimates the non-spinning parameters of the binary black hole system using commonly used prior distributions. This will take about 40 minutes to run.

More examples at https://lscsoft.docs.ligo.org/bilby/examples.html

1.1 Installation (execute only if running on a cloud platform!)

```
[10]:  # -- Use the following line in Google Colab
       #! pip install -q 'lalsuite==6.66' 'bilby==1.0.1' 'gwpy==1.0.1'
```

Important: With Google Colab, you may need to restart the runtime after running the cell above.

1.2 Initialization

We begin by importing some commonly used functions

```
[11]:  from __future__ import division, print_function
       %matplotlib inline
       import numpy as np
       import matplotlib.pyplot as plt

       import bilby
       from bilby.core.prior import Uniform
       from bilby.gw.conversion import convert_to_lal_binary_black_hole_parameters,␣
        ↪generate_all_bbh_parameters

       from gwpy.timeseries import TimeSeries
```

1.3 Bilby version

```
[12]: print(bilby.__version__)
```

```
1.0.1: release
```

1.4 Getting the data: GW150914

In this notebook, we'll analyse GW150914. Our first task is to obtain some data!

We need to know the trigger time. This can be found on the GWOSC page, here we define it as a variable

```
[13]: time_of_event = 1126259462.4
```

1.4.1 Set up empty interferometers

We need to get some data to analyse. We'll be using data from the Hanford (H1) and Livinston (L1) ground-based gravitational wave detectors. To organise ourselves, we'll create two "empty" interferometers. These are empty in the sense that they don't have any strain data. But, they know about the orientation and location of their respective namesakes. It may also be interesting to note that they are initialised with the planned design sensitivity power spectral density of advanced LIGO - we'll overwrite this later on, but it is often useful for simulations.

```
[14]: H1 = bilby.gw.detector.get_empty_interferometer("H1")
      L1 = bilby.gw.detector.get_empty_interferometer("L1")
```

1.4.2 Download the data

To analyse the signal, we need to download analyis data. Here, we will use gwpy to download the open strain data. For a general introduction to reading/writing data with gwpy, see the documentation.

To analyse GW150914, we will use a 4s period duration centered on the event itself. It is standard to choose the data such that it always includes a "post trigger duration of". That is, there is always 2s of data after the trigger time. We therefore define all times relative to the trigger time, duration and this post-trigger duration.

```
[15]: # Definite times in relatation to the trigger time (time_of_event), duration
      ↪and post_trigger_duration
      post_trigger_duration = 2
      duration = 4
      analysis_start = time_of_event + post_trigger_duration - duration

      # Use gwpy to fetch the open data
      H1_analysis_data = TimeSeries.fetch_open_data(
```

```
    "H1", analysis_start, analysis_start + duration, sample_rate=4096,⎵
 ↪cache=True)

L1_analysis_data = TimeSeries.fetch_open_data(
    "L1", analysis_start, analysis_start + duration, sample_rate=4096,⎵
 ↪cache=True)
```
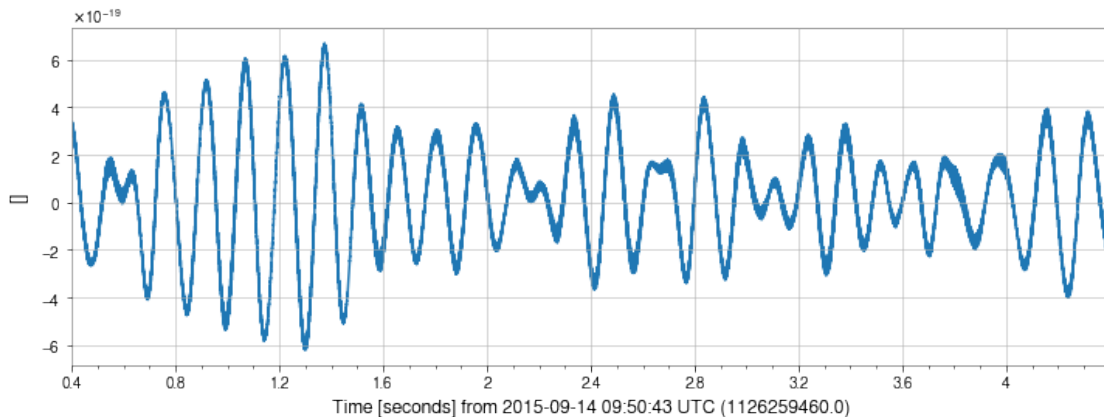
/home/jotil/Tron/anaconda3/envs/igwn-py37/lib/python3.7/site-
packages/gwpy/types/series.py:926: UserWarning: TimeSeries.crop given end larger
than current end, crop will end when the Series actually ends.
  % type(self).__name__)

Here, `H1_analysis_data` and its L1 counterpart are gwpy TimeSeries objects. As such, we can
plot the data itself out:

```
[16]: H1_analysis_data.plot()
      plt.show()
```


This doesn't tell us much of course! It is dominated by the low frequency noise.

1.4.3 Initialise the bilby inteferometers with the strain data

Now, we pass the downloaded strain data to our `H1` and `L1` bilby inteferometer objects. For other
methods to set the strain data, see the various `set_strain_data*` methods.

```
[17]: H1.set_strain_data_from_gwpy_timeseries(H1_analysis_data)
      L1.set_strain_data_from_gwpy_timeseries(L1_analysis_data)
```

1.4.4 Download the power spectral data

Parameter estimation relies on having a power spectral density (PSD) - an estimate of the coloured
noise properties of the data. Here, we will create a PSD using off-source data (for discussion on

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methods to estimate PSDs, see, e.g. Chatziioannou et al. (2019))

Again, we need to download this from the open strain data. We start by figuring out the amount of data needed - in this case 32 times the analysis duration.

```
[18]: psd_duration = duration * 32
      psd_start_time = analysis_start - psd_duration

      H1_psd_data = TimeSeries.fetch_open_data(
          "H1", psd_start_time, psd_start_time + psd_duration, sample_rate=4096,␣
       ↪cache=True)

      L1_psd_data = TimeSeries.fetch_open_data(
          "L1", psd_start_time, psd_start_time + psd_duration, sample_rate=4096,␣
       ↪cache=True)
```

Having obtained the data to generate the PSD, we now use the standard gwpy psd method to calculate the PSD. Here, the `psd_alpha` variable is converting the `roll_off` applied to the strain data into the fractional value used by `gwpy`.

```
[19]: psd_alpha = 2 * H1.strain_data.roll_off / duration
      H1_psd = H1_psd_data.psd(fftlength=duration, overlap=0, window=("tukey",␣
       ↪psd_alpha), method="median")
      L1_psd = L1_psd_data.psd(fftlength=duration, overlap=0, window=("tukey",␣
       ↪psd_alpha), method="median")
```

1.4.5 Initialise the PSD

Now that we have psd's for H1 and L1, we can overwrite the `power_spectal_density` attribute of our interferometers with a new PSD.

```
[20]: H1.power_spectral_density = bilby.gw.detector.PowerSpectralDensity(
          frequency_array=H1_psd.frequencies.value, psd_array=H1_psd.value)
      L1.power_spectral_density = bilby.gw.detector.PowerSpectralDensity(
          frequency_array=H1_psd.frequencies.value, psd_array=L1_psd.value)
```

1.4.6 Looking at the data

Okay, we have spent a bit of time now downloading and initializing things. Let's check that everything makes sense. To do this, we'll plot our analysis data alongwise the amplitude spectral density (ASD); this is just the square root of the PSD and has the right units to be comparable to the frequency-domain strain data.

```
[21]: fig, ax = plt.subplots()
      idxs = H1.strain_data.frequency_mask  # This is a boolean mask of the␣
       ↪frequencies which we'll use in the analysis
      ax.loglog(H1.strain_data.frequency_array[idxs],
```
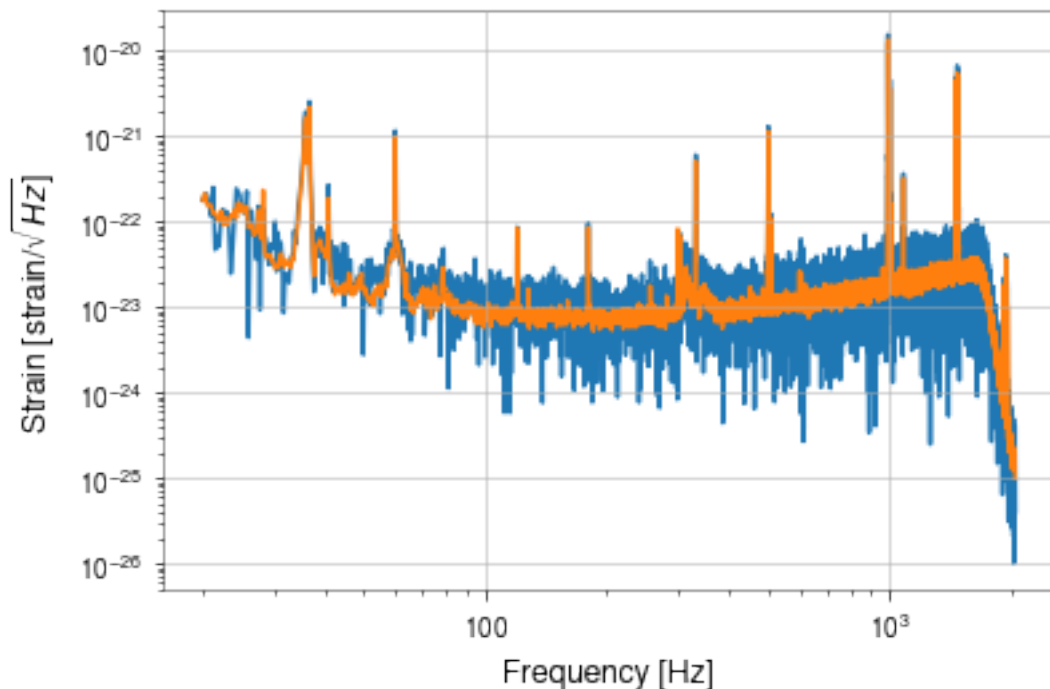
```
            np.abs(H1.strain_data.frequency_domain_strain[idxs]))
ax.loglog(H1.power_spectral_density.frequency_array[idxs],
            H1.power_spectral_density.asd_array[idxs])
ax.set_xlabel("Frequency [Hz]")
ax.set_ylabel("Strain [strain/$\sqrt{Hz}$]")
plt.show()
```

```
16:16 bilby INFO    : Generating frequency domain strain from given time domain
strain.
16:16 bilby INFO    : Applying a tukey window with alpha=0.1, roll off=0.2
```


What is happening at high frequencies? This is an artifact of the downsampling applied to the data - note that we downloaded the 4096Hz data which is downsamples for 16384Hz. We aren't really interested in the data at these high frequencies so let's adjust the maximum frequency used in the analysis to 1024 Hz and plot things again.

```
[22]: H1.maximum_frequency = 1024
      L1.maximum_frequency = 1024
```
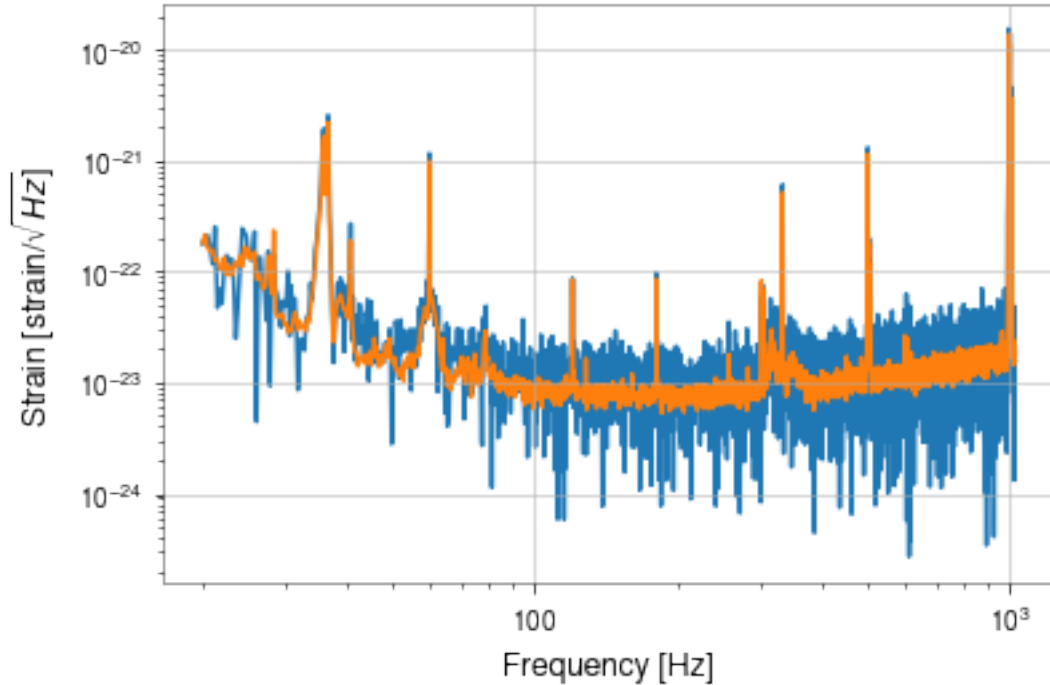
```
[23]: fig, ax = plt.subplots()
      idxs = H1.strain_data.frequency_mask
      ax.loglog(H1.strain_data.frequency_array[idxs],
                np.abs(H1.strain_data.frequency_domain_strain[idxs]))
      ax.loglog(H1.power_spectral_density.frequency_array[idxs],
```

```
        H1.power_spectral_density.asd_array[idxs])
ax.set_xlabel("Frequency [Hz]")
ax.set_ylabel("Strain [strain/$\sqrt{Hz}$]")
plt.show()
```


Okay, that is better - we now won't analyse any data near to the artifact produced by downsampling. Now we have some sensible data to analyse so let's get right on with down the analysis!

1.5 Low dimensional analysis

In general a compact binary coalescense signal is described by 15 parameters describing the masses, spins, orientation, and position of the two compact objects along with a time at which the signal merges. The goal of parameter estimation is to figure out what the data (and any cogent prior information) can tell us about the likely values of these parameters - this is called the "posterior distribution of the parameters".

To start with, we'll analyse the data fixing all but a few of the parameters to known values (in Bayesian lingo - we use delta function priors), this will enable us to run things in a few minutes rather than the many hours needed to do full parameter estimation.

We'll start by thinking about the mass of the system. We call the heavier black hole the primary and label its mass m_1 and that of the secondary (lighter) black hole m_2. In this way, we always define $m_1 \geq m_2$. It turns out that inferences about m_1 and m_2 are highly correlated, we'll see exactly what this means later on.

Bayesian inference methods are powerful at figuring out highly correlated posteriors. But, we can help it along by sampling in parameters which are not highly correlated. In particular, we define a new parameter called the chirp mass to be

$$\mathcal{M} = \frac{(m_1 m_2)^{3/5}}{(m_1 + m_2)^{1/5}}$$

and the mass ratio

$$q = \frac{m_2}{m_1}$$

If we sample (make inferences about) $\mathcal{M}$ and q, our code is much faster than if we use m_1 and m_2 directly! Note that so long as equivalent prior is given - one can also sample in the component masses themselves and you will get the same answer, it is just much slower!

Once we have inferred $\mathcal{M}$ and q, we can then derive m_1 and m_2 from the resulting samples (we'll do that in just a moment).

Okay, let's run a short (~1min on a single 2.8GHz core), low-dimensional parameter estimation analysis. This is done by defining a prior dictionary where all parameters are fixed, except those that we want to vary.

1.5.1   Create a prior

Here, we create a prior fixing everything except the chirp mass, mass ratio, phase and geocent_time parameters to fixed values. The first two we described above. The second two give the phase of the system and the time at which it mergers.

```
[24]: prior = bilby.core.prior.PriorDict()
      prior['chirp_mass'] = Uniform(name='chirp_mass', minimum=30.0,maximum=32.5)
      prior['mass_ratio'] = Uniform(name='mass_ratio', minimum=0.5, maximum=1)
      prior['phase'] = Uniform(name="phase", minimum=0, maximum=2*np.pi)
      prior['geocent_time'] = Uniform(name="geocent_time", minimum=time_of_event-0.1,␣
       ↪maximum=time_of_event+0.1)
      prior['a_1'] =  0.0
      prior['a_2'] =  0.0
      prior['tilt_1'] =  0.0
      prior['tilt_2'] =  0.0
      prior['phi_12'] =  0.0
      prior['phi_jl'] =  0.0
      prior['dec'] =  -1.2232
      prior['ra'] =  2.19432
      prior['theta_jn'] =  1.89694
      prior['psi'] =  0.532268
      prior['luminosity_distance'] = 412.066
```

1.6 Create a likelihood

For Bayesian inference, we need to evaluate the likelihood. In Bilby, we create a likelihood object. This is the communication interface between the sampling part of Bilby and the data. Explicitly, when Bilby is sampling it only uses the `parameters` and `log_likelihood()` of the likelihood object. This means the likelihood can be arbitrarily complicated and the sampling part of Bilby won't mind a bit!

Let's create a `GravitationalWaveTransient`, a special inbuilt method carefully designed to wrap up evaluating the likelihood of a waveform model in some data.

```python
[25]: # First, put our "data" created above into a list of intererometers (the order
      →is arbitrary)
      interferometers = [H1, L1]

      # Next create a dictionary of arguments which we pass into the LALSimulation
      →waveform - we specify the waveform approximant here
      waveform_arguments = dict(
          waveform_approximant='IMRPhenomPv2', reference_frequency=100.,
      →catch_waveform_errors=True)

      # Next, create a waveform_generator object. This wraps up some of the jobs of
      →converting between parameters etc
      waveform_generator = bilby.gw.WaveformGenerator(
          frequency_domain_source_model=bilby.gw.source.lal_binary_black_hole,
          waveform_arguments=waveform_arguments,
          parameter_conversion=convert_to_lal_binary_black_hole_parameters)

      # Finally, create our likelihood, passing in what is needed to get going
      likelihood = bilby.gw.likelihood.GravitationalWaveTransient(
          interferometers, waveform_generator, priors=prior,
          time_marginalization=True, phase_marginalization=True,
      →distance_marginalization=False)
```

```
16:17 bilby INFO    : Waveform generator initiated with
  frequency_domain_source_model: bilby.gw.source.lal_binary_black_hole
  time_domain_source_model: None
  parameter_conversion:
bilby.gw.conversion.convert_to_lal_binary_black_hole_parameters
```

This will print a warning about the `start_time`, it is safe to ignore this.

Note that we also specify `time_marginalization=True` and `phase_marginalization=True`. This is a trick often used in Bayesian inference. We analytically marginalize (integrate) over the time/phase of the system while sampling, effectively reducing the parameter space and making it easier to sample. Bilby will then figure out (after the sampling) posteriors for these marginalized parameters. For an introduction to this topic, see Thrane & Talbot (2019).

1.6.1 Run the analysis

Now that the prior is set-up and the likelihood is set-up (with the data and the signal mode), we can run the sampler to get the posterior result. This function takes the likelihood and prior along with some options for how to do the sampling and how to save the data.

```
[26]: result_short = bilby.run_sampler(
          likelihood, prior, sampler='dynesty', outdir='short', label="GW150914",
          conversion_function=bilby.gw.conversion.generate_all_bbh_parameters,
          sample="unif", nlive=500, dlogz=3  # <- Arguments are used to make things
      ↪fast - not recommended for general use
      )
```

```
16:17 bilby INFO    : Running for label 'GW150914', output will be saved to
'short'
16:17 bilby INFO    : Using lal version 6.21.0
16:17 bilby INFO    : Using lal git version Branch: None;Tag: lalsuite-v6.66;Id:
04a60e3ac9b6ecb285cf96d1137c6a62a3d5cfde;;Builder: Unknown User <>;Repository
status: UNCLEAN: Modified working tree
16:17 bilby INFO    : Using lalsimulation version 1.10.0
16:17 bilby INFO    : Using lalsimulation git version Branch: None;Tag:
lalsuite-v6.66;Id: 04a60e3ac9b6ecb285cf96d1137c6a62a3d5cfde;;Builder: Unknown
User <>;Repository status: UNCLEAN: Modified working tree
16:17 bilby INFO    : Search parameters:
16:17 bilby INFO    :   chirp_mass = Uniform(minimum=30.0, maximum=32.5,
name='chirp_mass', latex_label='$\\mathcal{M}$', unit=None, boundary=None)
16:17 bilby INFO    :   mass_ratio = Uniform(minimum=0.5, maximum=1,
name='mass_ratio', latex_label='$q$', unit=None, boundary=None)
16:17 bilby INFO    :   time_jitter = Uniform(minimum=-0.000244140625,
maximum=0.000244140625, name=None, latex_label=None, unit=None,
boundary='periodic')
16:17 bilby INFO    :   phase = 0.0
16:17 bilby INFO    :   geocent_time = 1126259460.3999023
16:17 bilby INFO    :   a_1 = 0.0
16:17 bilby INFO    :   a_2 = 0.0
16:17 bilby INFO    :   tilt_1 = 0.0
16:17 bilby INFO    :   tilt_2 = 0.0
16:17 bilby INFO    :   phi_12 = 0.0
16:17 bilby INFO    :   phi_jl = 0.0
16:17 bilby INFO    :   dec = -1.2232
16:17 bilby INFO    :   ra = 2.19432
16:17 bilby INFO    :   theta_jn = 1.89694
16:17 bilby INFO    :   psi = 0.532268
16:17 bilby INFO    :   luminosity_distance = 412.066
16:17 bilby INFO    : Generating frequency domain strain from given time domain
strain.
16:17 bilby INFO    : Applying a tukey window with alpha=0.1, roll off=0.2
16:17 bilby INFO    : Single likelihood evaluation took 4.111e-02 s
```

```
0it [00:00, ?it/s]

16:17 bilby INFO     : Using sampler Dynesty with kwargs {'bound': 'multi',
'sample': 'unif', 'verbose': True, 'periodic': None, 'reflective': None,
'check_point_delta_t': 600, 'nlive': 500, 'first_update': None, 'walks': 100,
'npdim': None, 'rstate': None, 'queue_size': 1, 'pool': None, 'use_pool': None,
'live_points': None, 'logl_args': None, 'logl_kwargs': None, 'ptform_args':
None, 'ptform_kwargs': None, 'enlarge': 1.5, 'bootstrap': None, 'vol_dec': 0.5,
'vol_check': 8.0, 'facc': 0.2, 'slices': 5, 'update_interval': 300,
'print_func': <bound method Dynesty._print_func of
<bilby.core.sampler.dynesty.Dynesty object at 0x7fd600c102d0>>, 'dlogz': 3,
'maxiter': None, 'maxcall': None, 'logl_max': inf, 'add_live': True,
'print_progress': True, 'save_bounds': False, 'n_effective': None, 'maxmcmc':
5000, 'nact': 5}
16:17 bilby INFO     : Checkpoint every check_point_delta_t = 600s
16:17 bilby INFO     : Using dynesty version 1.0.1
16:17 bilby INFO     : Generating initial points from the prior
16:17 bilby INFO     : Reading resume file short/GW150914_resume.pickle
16:17 bilby WARNING : The resume file short/GW150914_resume.pickle is corrupted
or the version of bilby has changed between runs. This resume file will be
ignored.

553it [01:22,  3.40it/s, bound:0 nc: 11 ncall:1.5e+03 eff:36.6% logz-
ratio=263.64+/-0.08 dlogz:6.258>3]

16:18 bilby INFO     : Written checkpoint file short/GW150914_resume.pickle

972it [03:07,  3.90it/s, bound:0 nc:  4 ncall:3.2e+03 eff:30.0% logz-
ratio=266.10+/-0.08 dlogz:3.006>3]

16:20 bilby INFO     : Written checkpoint file short/GW150914_resume.pickle
16:20 bilby INFO     : Writing 191 current samples to short/GW150914_samples.dat

972it [03:20,  4.86it/s, bound:0 nc:  1 ncall:3.2e+03 eff:45.4% logz-
ratio=268.06+/-0.13 dlogz:0.005>3]


16:20 bilby INFO     : Sampling time: 0:02:41.466879
16:20 bilby INFO     : Reconstructing marginalised parameters.

100%|     | 1472/1472 [03:54<00:00,  6.28it/s]

16:24 bilby INFO     : Generating sky frame parameters.


100%|     | 1472/1472 [00:03<00:00, 411.08it/s]

16:25 bilby INFO     : Computing SNRs for every sample.

100%|     | 1472/1472 [02:11<00:00, 11.22it/s]

16:27 bilby INFO     : Summary of results:
nsamples: 1472
ln_noise_evidence: -8534.562
```

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```
ln_evidence: -8266.503 +/-  0.130
ln_bayes_factor: 268.058 +/-  0.130
```

1.6.2 Looking at the outputs

The `run_sampler` returned `result_short` - this is a Bilby result object. The posterior samples are stored in a pandas data frame (think of this like a spreadsheet), let's take a look at it

```
[27]: result_short.posterior
```

```
[27]:       chirp_mass  mass_ratio   time_jitter      phase  geocent_time  a_1  a_2  \
      0      31.919249    0.670858  1.612452e-04  4.139602  1.126259e+09  0.0  0.0
      1      30.505711    0.961334  1.249433e-04  2.363656  1.126259e+09  0.0  0.0
      2      31.673318    0.708319  1.597140e-04  4.568582  1.126259e+09  0.0  0.0
      3      30.604918    0.837226 -2.743466e-05  5.282296  1.126259e+09  0.0  0.0
      4      30.530232    0.818168 -1.704520e-04  2.156361  1.126259e+09  0.0  0.0
      5      31.170230    0.680158 -1.077686e-04  4.451269  1.126259e+09  0.0  0.0
      6      30.812211    0.705426  1.367242e-05  4.692066  1.126259e+09  0.0  0.0
      7      31.486048    0.689164 -1.320197e-04  4.418041  1.126259e+09  0.0  0.0
      8      32.070849    0.767011 -1.661014e-04  1.491778  1.126259e+09  0.0  0.0
      9      30.607805    0.734766  4.971906e-05  4.846363  1.126259e+09  0.0  0.0
      10     30.620089    0.887425 -7.518614e-05  2.137657  1.126259e+09  0.0  0.0
      11     31.571135    0.707757 -1.219223e-04  1.265604  1.126259e+09  0.0  0.0
      12     30.680783    0.750744  1.341816e-04  1.913169  1.126259e+09  0.0  0.0
      13     30.620473    0.903807 -9.244912e-05  5.481972  1.126259e+09  0.0  0.0
      14     32.439551    0.913599 -1.290135e-04  4.939742  1.126259e+09  0.0  0.0
      15     30.705130    0.871573  5.597747e-06  5.339693  1.126259e+09  0.0  0.0
      16     31.421675    0.728379 -1.427180e-04  1.393058  1.126259e+09  0.0  0.0
      17     30.624188    0.977807 -7.651889e-05  5.408333  1.126259e+09  0.0  0.0
      18     30.781633    0.793930 -2.093566e-04  1.944670  1.126259e+09  0.0  0.0
      19     30.937632    0.715037 -5.461327e-05  4.697232  1.126259e+09  0.0  0.0
      20     31.914552    0.764529 -1.199980e-04  4.685845  1.126259e+09  0.0  0.0
      21     30.742494    0.988748 -3.199847e-07  2.284229  1.126259e+09  0.0  0.0
      22     30.877620    0.733654  1.999990e-04  1.751532  1.126259e+09  0.0  0.0
      23     32.338295    0.998058 -1.517995e-04  1.712717  1.126259e+09  0.0  0.0
      24     31.215443    0.693597  6.112038e-05  1.326515  1.126259e+09  0.0  0.0
      25     31.067876    0.698021  8.247930e-05  1.365315  1.126259e+09  0.0  0.0
      26     31.171501    0.730313 -5.608472e-05  1.464535  1.126259e+09  0.0  0.0
      27     31.406511    0.736529 -7.582677e-05  1.671888  1.126259e+09  0.0  0.0
      28     30.733104    0.770124  1.413393e-04  4.980902  1.126259e+09  0.0  0.0
      29     31.395823    0.714840 -3.801733e-05  4.468874  1.126259e+09  0.0  0.0
      ...          ...         ...           ...       ...           ...  ...  ...
      1442   31.465395    0.955884 -5.987503e-05  2.017694  1.126259e+09  0.0  0.0
      1443   31.465395    0.955884 -5.987503e-05  1.913334  1.126259e+09  0.0  0.0
      1444   31.465395    0.955884 -5.987503e-05  5.264640  1.126259e+09  0.0  0.0
      1445   31.465395    0.955884 -5.987503e-05  2.050702  1.126259e+09  0.0  0.0
```

```
1446    31.465395    0.955884 -5.987503e-05  2.015344  1.126259e+09   0.0   0.0
1447    31.465395    0.955884 -5.987503e-05  2.108356  1.126259e+09   0.0   0.0
1448    31.465395    0.955884 -5.987503e-05  5.173856  1.126259e+09   0.0   0.0
1449    31.484015    0.957035 -8.194264e-05  5.035680  1.126259e+09   0.0   0.0
1450    31.484015    0.957035 -8.194264e-05  1.991069  1.126259e+09   0.0   0.0
1451    31.484015    0.957035 -8.194264e-05  5.064644  1.126259e+09   0.0   0.0
1452    31.484015    0.957035 -8.194264e-05  5.196374  1.126259e+09   0.0   0.0
1453    31.484015    0.957035 -8.194264e-05  5.169035  1.126259e+09   0.0   0.0
1454    31.484015    0.957035 -8.194264e-05  5.169244  1.126259e+09   0.0   0.0
1455    31.484015    0.957035 -8.194264e-05  1.894872  1.126259e+09   0.0   0.0
1456    31.484015    0.957035 -8.194264e-05  5.262940  1.126259e+09   0.0   0.0
1457    31.538015    0.995785 -1.317533e-04  2.009932  1.126259e+09   0.0   0.0
1458    31.538015    0.995785 -1.317533e-04  5.195688  1.126259e+09   0.0   0.0
1459    31.538015    0.995785 -1.317533e-04  1.992655  1.126259e+09   0.0   0.0
1460    31.538015    0.995785 -1.317533e-04  5.213187  1.126259e+09   0.0   0.0
1461    31.538015    0.995785 -1.317533e-04  1.889958  1.126259e+09   0.0   0.0
1462    31.538015    0.995785 -1.317533e-04  2.054283  1.126259e+09   0.0   0.0
1463    31.538015    0.995785 -1.317533e-04  2.024413  1.126259e+09   0.0   0.0
1464    31.362224    0.995421 -1.891006e-05  5.253979  1.126259e+09   0.0   0.0
1465    31.362224    0.995421 -1.891006e-05  2.064465  1.126259e+09   0.0   0.0
1466    31.362224    0.995421 -1.891006e-05  5.174365  1.126259e+09   0.0   0.0
1467    31.362224    0.995421 -1.891006e-05  5.193114  1.126259e+09   0.0   0.0
1468    31.362224    0.995421 -1.891006e-05  5.256120  1.126259e+09   0.0   0.0
1469    31.362224    0.995421 -1.891006e-05  2.048990  1.126259e+09   0.0   0.0
1470    31.362224    0.995421 -1.891006e-05  5.256959  1.126259e+09   0.0   0.0
1471    31.362224    0.995421 -1.891006e-05  2.081515  1.126259e+09   0.0   0.0

        tilt_1  tilt_2  phi_12  …  redshift  comoving_distance  mass_1_source  \
0          0.0     0.0     0.0  …  0.087423         378.938183      41.329841
1          0.0     0.0     0.0  …  0.087423         378.938183      32.867640
2          0.0     0.0     0.0  …  0.087423         378.938183      39.872339
3          0.0     0.0     0.0  …  0.087423         378.938183      35.360605
4          0.0     0.0     0.0  …  0.087423         378.938183      35.690520
5          0.0     0.0     0.0  …  0.087423         378.938183      40.072421
6          0.0     0.0     0.0  …  0.087423         378.938183      38.870516
7          0.0     0.0     0.0  …  0.087423         378.938183      40.203184
8          0.0     0.0     0.0  …  0.087423         378.938183      38.750652
9          0.0     0.0     0.0  …  0.087423         378.938183      37.808759
10         0.0     0.0     0.0  …  0.087423         378.938183      34.348111
11         0.0     0.0     0.0  …  0.087423         378.938183      39.760000
12         0.0     0.0     0.0  …  0.087423         378.938183      37.481529
13         0.0     0.0     0.0  …  0.087423         378.938183      34.032407
14         0.0     0.0     0.0  …  0.087423         378.938183      35.858590
15         0.0     0.0     0.0  …  0.087423         378.938183      34.759346
16         0.0     0.0     0.0  …  0.087423         378.938183      38.989204
17         0.0     0.0     0.0  …  0.087423         378.938183      32.715312
18         0.0     0.0     0.0  …  0.087423         378.938183      36.541387
```

19	0.0	0.0	0.0	…	0.087423	378.938183	38.756659
20	0.0	0.0	0.0	…	0.087423	378.938183	38.625993
21	0.0	0.0	0.0	…	0.087423	378.938183	32.659181
22	0.0	0.0	0.0	…	0.087423	378.938183	38.171843
23	0.0	0.0	0.0	…	0.087423	378.938183	34.193751
24	0.0	0.0	0.0	…	0.087423	378.938183	39.725446
25	0.0	0.0	0.0	…	0.087423	378.938183	39.407647
26	0.0	0.0	0.0	…	0.087423	378.938183	38.625932
27	0.0	0.0	0.0	…	0.087423	378.938183	38.747501
28	0.0	0.0	0.0	…	0.087423	378.938183	37.057174
29	0.0	0.0	0.0	…	0.087423	378.938183	39.336249
…	…	…	…	…	…	…	…
1442	0.0	0.0	0.0	…	0.087423	378.938183	33.998534
1443	0.0	0.0	0.0	…	0.087423	378.938183	33.998534
1444	0.0	0.0	0.0	…	0.087423	378.938183	33.998534
1445	0.0	0.0	0.0	…	0.087423	378.938183	33.998534
1446	0.0	0.0	0.0	…	0.087423	378.938183	33.998534
1447	0.0	0.0	0.0	…	0.087423	378.938183	33.998534
1448	0.0	0.0	0.0	…	0.087423	378.938183	33.998534
1449	0.0	0.0	0.0	…	0.087423	378.938183	33.998097
1450	0.0	0.0	0.0	…	0.087423	378.938183	33.998097
1451	0.0	0.0	0.0	…	0.087423	378.938183	33.998097
1452	0.0	0.0	0.0	…	0.087423	378.938183	33.998097
1453	0.0	0.0	0.0	…	0.087423	378.938183	33.998097
1454	0.0	0.0	0.0	…	0.087423	378.938183	33.998097
1455	0.0	0.0	0.0	…	0.087423	378.938183	33.998097
1456	0.0	0.0	0.0	…	0.087423	378.938183	33.998097
1457	0.0	0.0	0.0	…	0.087423	378.938183	33.385605
1458	0.0	0.0	0.0	…	0.087423	378.938183	33.385605
1459	0.0	0.0	0.0	…	0.087423	378.938183	33.385605
1460	0.0	0.0	0.0	…	0.087423	378.938183	33.385605
1461	0.0	0.0	0.0	…	0.087423	378.938183	33.385605
1462	0.0	0.0	0.0	…	0.087423	378.938183	33.385605
1463	0.0	0.0	0.0	…	0.087423	378.938183	33.385605
1464	0.0	0.0	0.0	…	0.087423	378.938183	33.205598
1465	0.0	0.0	0.0	…	0.087423	378.938183	33.205598
1466	0.0	0.0	0.0	…	0.087423	378.938183	33.205598
1467	0.0	0.0	0.0	…	0.087423	378.938183	33.205598
1468	0.0	0.0	0.0	…	0.087423	378.938183	33.205598
1469	0.0	0.0	0.0	…	0.087423	378.938183	33.205598
1470	0.0	0.0	0.0	…	0.087423	378.938183	33.205598
1471	0.0	0.0	0.0	…	0.087423	378.938183	33.205598

	mass_2_source	chirp_mass_source	total_mass_source	\
0	27.726462	29.353118	69.056302	
1	31.596772	28.053221	64.464411	
2	28.242321	29.126959	68.114660	

13

3	29.604820	28.144453	64.965424
4	29.200857	28.075771	64.891377
5	27.255597	28.664317	67.328017
6	27.420254	28.335080	66.290769
7	27.706600	28.954744	67.909783
8	29.722167	29.492531	68.472819
9	27.780602	28.147107	65.589361
10	30.481388	28.158404	64.829500
11	28.140434	29.032991	67.900433
12	28.139051	28.214219	65.620580
13	30.758725	28.158757	64.791132
14	32.760376	29.831591	68.618966
15	30.295311	28.236608	65.054657
16	28.398904	28.895547	67.388108
17	31.989261	28.162173	64.704573
18	29.011301	28.306961	65.552689
19	27.712435	28.450419	66.469094
20	29.530700	29.348799	68.156692
21	32.291695	28.270968	64.950876
22	28.004923	28.395230	66.176766
23	34.127363	29.738475	68.321114
24	27.553449	28.705894	67.278895
25	27.507385	28.570192	66.915033
26	28.209001	28.665486	66.834933
27	28.538669	28.881602	67.286169
28	28.538626	28.262333	65.595800
29	28.119116	28.871773	67.455364
…	…	…	…
1442	32.498668	28.935752	66.497201
1443	32.498668	28.935752	66.497201
1444	32.498668	28.935752	66.497201
1445	32.498668	28.935752	66.497201
1446	32.498668	28.935752	66.497201
1447	32.498668	28.935752	66.497201
1448	32.498668	28.935752	66.497201
1449	32.537384	28.952875	66.535482
1450	32.537384	28.952875	66.535482
1451	32.537384	28.952875	66.535482
1452	32.537384	28.952875	66.535482
1453	32.537384	28.952875	66.535482
1454	32.537384	28.952875	66.535482
1455	32.537384	28.952875	66.535482
1456	32.537384	28.952875	66.535482
1457	33.244898	29.002533	66.630503
1458	33.244898	29.002533	66.630503
1459	33.244898	29.002533	66.630503
1460	33.244898	29.002533	66.630503

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1461     33.244898        29.002533        66.630503
1462     33.244898        29.002533        66.630503
1463     33.244898        29.002533        66.630503
1464     33.053544        28.840876        66.259142
1465     33.053544        28.840876        66.259142
1466     33.053544        28.840876        66.259142
1467     33.053544        28.840876        66.259142
1468     33.053544        28.840876        66.259142
1469     33.053544        28.840876        66.259142
1470     33.053544        28.840876        66.259142
1471     33.053544        28.840876        66.259142


                              H1_matched_filter_snr  H1_optimal_snr  \
0      (19.840089898323363-0.9559718321061438j)        14.467327
1        (19.69627863880758-2.21137538496029j)        14.202116
2      (19.646131419296793-3.6413208067541314j)        14.449493
3       (19.91234217057647-0.186149870794527j)        14.191106
4        (19.85595118698433+0.51166619071111j)        14.147273
5      (20.02508724978139-0.16930353077777116j)        14.206783
6      (19.858878511537583+2.4084324708965577j)        14.117867
7       (19.95104325467583-1.3351349085751931j)        14.343411
8        (19.8122771765991-2.3155838723958464j)        14.689196
9      (19.626379904454158+3.624792595423755j)        14.085299
10     (19.553447530314138+3.7254884783366364j)        14.226056
11     (19.94040279641322-0.05411712300080137j)        14.409931
12      (19.89422782089516-1.6898058323260983j)        14.135156
13      (19.79116386069399+0.4917321069750701j)        14.232964
14     (19.814811137300502-1.3343398729793943j)        14.946324
15       (19.86977323823102-1.676854505012747j)        14.251716
16     (19.943053006303376+1.3973240907713407j)        14.387428
17      (19.86262726828925-0.40409467511641395j)       14.250696
18     (19.989602154370445+0.13101221714809852j)       14.223446
19     (19.953130596463115+1.7690413118651533j)        14.181719
20       (19.93441080980178-1.396273523610373j)        14.626467
21     (19.94376327741967-0.023884805579914976j)       14.298039
22      (19.920216636638123-2.050885450996825j)        14.187426
23      (19.804126804477516+2.5162755694581516j)       14.922413
24      (19.990513840278073+1.2253893045702997j)       14.249845
25      (19.954585070059935+1.5233821711982138j)       14.202099
26       (19.82655555290767+2.7989903904420452j)       14.294995
27      (19.888699673077692-1.0347846596474062j)       14.394005
28       (19.863493518148132+2.20214458589438j)        14.179129
29       (19.806277645055836+2.91379918986446j)        14.355748
…                                            …               …
1442    (20.037706471180822+1.2071703985513182j)       14.578852
1443     (19.84303545517256+3.0477981185730965j)       14.578852
1444    (19.786006099586746-3.4220524537543677j)       14.578852
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1445     (20.07009066959882-0.6636784794529833j)          14.578852
1446     (19.995594602191336-1.652869357748715j)          14.578852
1447  (20.010339377625115-0.48638482367347935j)          14.578852
1448   (20.046263193775594-1.1936271387887938j)          14.578852
1449    (19.85855027799406+2.838253095516642j)          14.586326
1450   (20.06995676592429-0.39910902597789477j)          14.586326
1451   (19.962715904734125+2.063062506414916j)          14.586326
1452   (19.671971108724186-3.8842704785507993j)          14.586326
1453   (19.878036607762905+2.3965358236618286j)          14.586326
1454   (19.853674663084476-2.8116910970833815j)          14.586326
1455      (19.808212225284+3.230896478204508j)          14.586326
1456   (19.75813632166229-3.5805995249376523j)          14.586326
1457    (19.76160010329806-3.21866331751577j)          14.610826
1458   (20.052302775012702-1.017434029294369j)          14.610826
1459   (19.981269671629363-1.6852875750572047j)          14.610826
1460   (19.790999596111508-3.3983757280223834j)          14.610826
1461    (19.84820062320427+2.9471277466773276j)          14.610826
1462   (20.062251528847053-0.6127703112143578j)          14.610826
1463   (20.074492585700014-0.6220313297467766j)          14.610826
1464     (20.0500950719936-0.9804483504904997j)          14.541982
1465    (20.03711936385685+1.1594842988039553j)          14.541982
1466   (20.024570689889497+1.5011006629966919j)          14.541982
1467   (20.047680434197186+1.107546172025485j)          14.541982
1468   (19.952322950947057-2.2726820641545045j)          14.541982
1469    (20.05338780216607+1.0282739739670976j)          14.541982
1470   (19.84236783341115-3.0528120217865977j)          14.541982
1471   (20.058236450545188+0.623941295628981j)          14.541982


                        L1_matched_filter_snr L1_optimal_snr
0      (13.800142052000714-0.5800187859120742j)          10.247290
1      (14.307917500586763-1.495880325158624j)          10.111734
2      (13.831008483900945-2.384167845118048j)          10.246045
3     (14.39908914364178+0.017952313091386382j)          10.096657
4     (14.359820933577934+0.6349289702828168j)          10.065115
5    (14.215228092818181+0.0088234267100936
58j)          10.077086
6      (14.199479681506972+1.9451364463696057j)          10.024714
7      (14.067586859732408-0.8516786834006925j)          10.170451
8      (13.821078554674079-1.5251643813027438j)          10.418239
9      (14.107297830654874+2.7775961000893115j)          10.009792
10     (14.117223368209883+2.857627343204491j)          10.124492
11     (14.036570056447113-0.06336832427671076j)          10.219617
12     (14.339264313266174-0.9944356591937505j)          10.046309
13     (14.302000388933305+0.7221167363644151j)          10.130157
14     (13.771683915412382-0.5803917200869495j)          10.606269
15      (14.35918187450719-1.0928703130414053j)          10.140458
16      (14.11221120108382+0.9834525727380126j)          10.209634
17     (14.383000031526455-0.21947160343398867j)          10.144540
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18          (14.385184008455152+0.2184552097265055j)              10.112668
19          (14.251049678750512+1.4382069732061806j)              10.069601
20           (13.968417378587144-0.822325134877806j)              10.376092
21            (14.40774703766128+0.173316687565702j)              10.176325
22          (14.290072071395578-1.3150960648987098j)              10.077649
23          (13.756865936099612+1.9228269523387025j)              10.592673
24          (14.182009786256966+0.9658013144713721j)              10.109477
25           (14.20796045326986+1.1361361292260412j)              10.078894
26            (14.1097391908717+2.0295006714446835j)              10.148562
27          (14.101235718102547-0.38005295310382314j)             10.215824
28          (14.279905604548638+1.7347181451878657j)              10.079228
29          (14.007105177321971+2.118313131885171j)               10.185369
…                               …                                    …
1442        (14.25103332075719+1.0276818894397106j)               10.363363
1443        (14.112907680661847+2.218934796475675j)               10.363363
1444        (14.107184725706787-2.2904503787133654j)              10.363363
1445        (14.28890110339996-0.33189160297045756j)              10.363363
1446        (14.229399107136569-1.1554529534906928j)              10.363363
1447        (14.245697402455262-0.07362354667493488j)             10.363363
1448        (14.270698018997198-0.7732552442861984j)              10.363363
1449        (14.121959563334022+2.031000413114129j)               10.368376
1450        (14.276579536740295-0.24028067490845606j)             10.368376
1451        (14.195654136339535+1.4980067318911863j)              10.368376
1452         (13.989675215711179-2.76461407691424j)               10.368376
1453        (14.107637330290286+1.9671404198770717j)              10.368376
1454        (14.119019323028686-2.001848393684808j)               10.368376
1455        (14.083716692423431+2.3306760275096363j)              10.368376
1456        (14.082234603898074-2.404027529707002j)               10.368376
1457         (14.02726373898877-2.330902834700099j)               10.385231
1458        (14.256868271330891-0.5721534999573288j)              10.385231
1459         (14.193211085029963-1.20258753088636j)               10.385231
1460        (14.072984144560811-2.3508009227010005j)              10.385231
1461        (14.097767538306769+2.1131858173541063j)              10.385231
1462         (14.26148676821058-0.2628844291298122j)              10.385231
1463        (14.268029927668971-0.33207379609126864j)             10.385231
1464          (14.313333565977-0.5334680658642061j)               10.339320
1465        (14.285618767169458+1.0044347859830796j)              10.339320
1466        (14.277218228130744+1.200465002899555j)               10.339320
1467        (14.295352368566602+0.9380375056266421j)              10.339320
1468        (14.246879783105712-1.5172105073240638j)              10.339320
1469        (14.300444706162446+0.8722980570042671j)              10.339320
1470         (14.16580791343054-2.1109401091603335j)              10.339320
1471        (14.305093773135557+0.6302462891379204j)              10.339320

[1472 rows x 50 columns]
```

We can pull out specific parameters that we are interested in

```
[28]: result_short.posterior["chirp_mass"]
```

```
[28]: 0        31.919249
      1        30.505711
      2        31.673318
      3        30.604918
      4        30.530232
      5        31.170230
      6        30.812211
      7        31.486048
      8        32.070849
      9        30.607805
      10       30.620089
      11       31.571135
      12       30.680783
      13       30.620473
      14       32.439551
      15       30.705130
      16       31.421675
      17       30.624188
      18       30.781633
      19       30.937632
      20       31.914552
      21       30.742494
      22       30.877620
      23       32.338295
      24       31.215443
      25       31.067876
      26       31.171501
      27       31.406511
      28       30.733104
      29       31.395823
                  …
      1442     31.465395
      1443     31.465395
      1444     31.465395
      1445     31.465395
      1446     31.465395
      1447     31.465395
      1448     31.465395
      1449     31.484015
      1450     31.484015
      1451     31.484015
      1452     31.484015
      1453     31.484015
      1454     31.484015
      1455     31.484015
```

```
1456    31.484015
1457    31.538015
1458    31.538015
1459    31.538015
1460    31.538015
1461    31.538015
1462    31.538015
1463    31.538015
1464    31.362224
1465    31.362224
1466    31.362224
1467    31.362224
1468    31.362224
1469    31.362224
1470    31.362224
1471    31.362224
Name: chirp_mass, Length: 1472, dtype: float64
```

This returned another `pandas` object. If you just want to get the numbers as a numpy array run

```
[29]: Mc = result_short.posterior["chirp_mass"].values
```

We can then get some useful quantities such as the 90% credible interval

```
[30]: lower_bound = np.quantile(Mc, 0.05)
      upper_bound = np.quantile(Mc, 0.95)
      median = np.quantile(Mc, 0.5)
      print("Mc = {} with a 90% C.I = {} -> {}".format(median, lower_bound,␣
       ↪upper_bound))
```

```
Mc = 31.428028574106154 with a 90% C.I = 30.95363131198408 -> 31.963598955318503
```

We can then plot the chirp mass in a histogram adding a region to indicate the 90% C.I.

```
[31]: fig, ax = plt.subplots()
      ax.hist(result_short.posterior["chirp_mass"], bins=20)
      ax.axvspan(lower_bound, upper_bound, color='C1', alpha=0.4)
      ax.axvline(median, color='C1')
      ax.set_xlabel("chirp mass")
      plt.show()
```
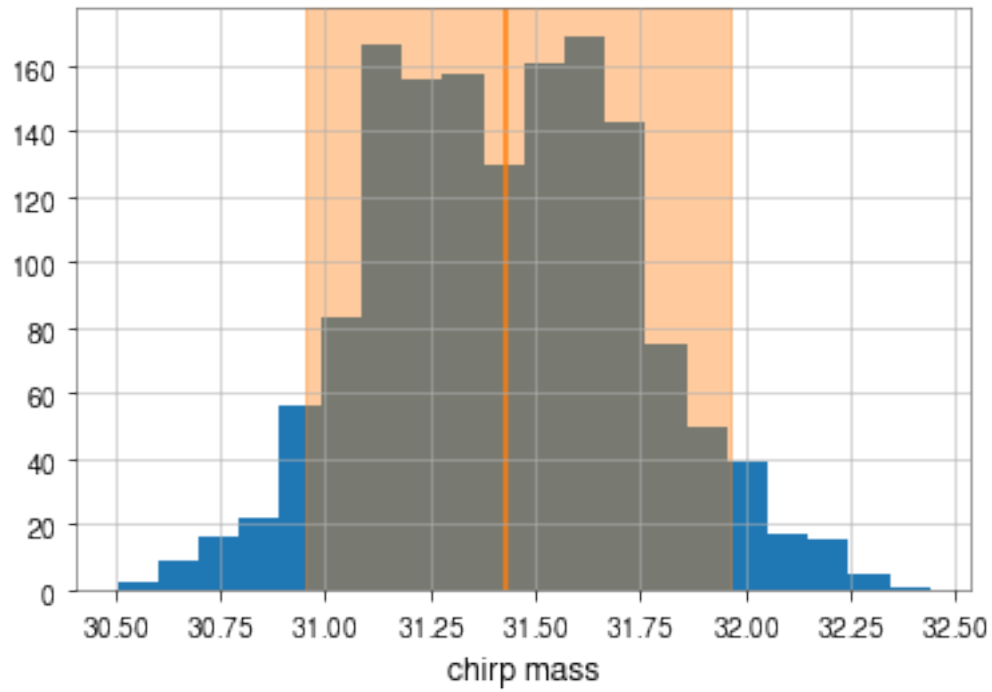
The result object also has in-built methods to make nice plots such as corner plots. You can add the priors if you are only plotting parameter which you sampled in, e.g.

```
[32]: result_short.plot_corner(parameters=["chirp_mass", "mass_ratio",
      "geocent_time", "phase"], priors=True)
```
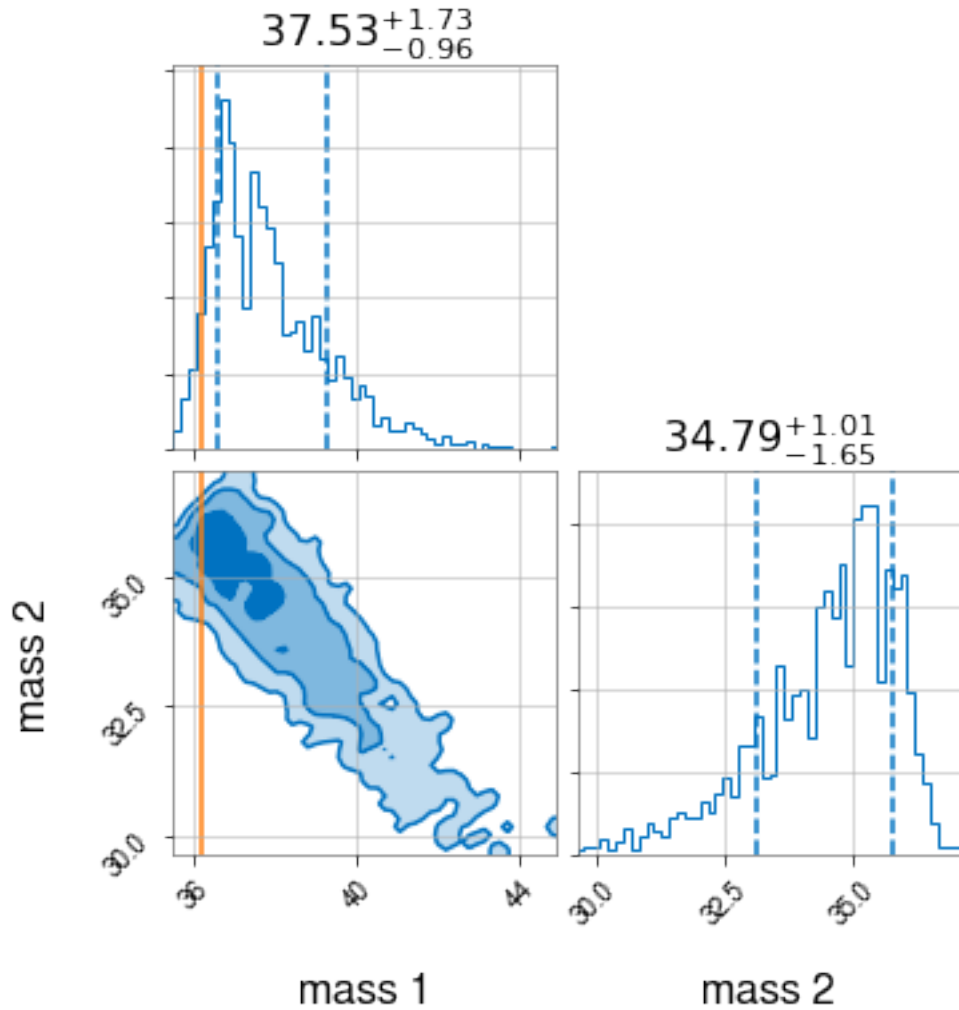
[32]:
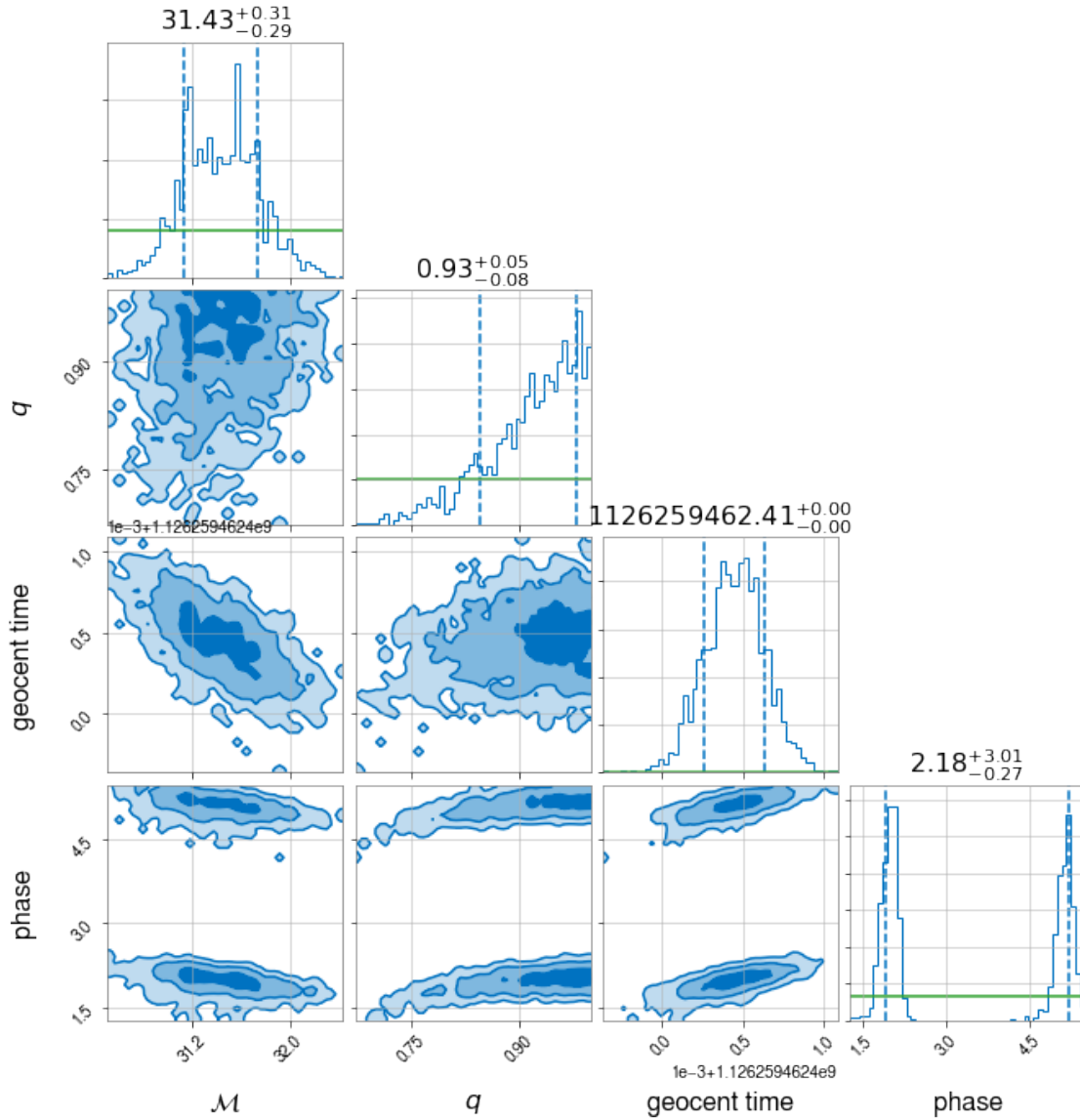
You can also plot lines indicating specific points. Here, we add the values recorded on GWOSC. Notably, these fall outside the bulk of the posterior uncertainty here. This is because we limited our prior – if instead we ran the full analysis these agree nicely.

```
[33]: parameters = dict(mass_1=36.2, mass_2=29.1)
      result_short.plot_corner(parameters)
```

[33]:

Earlier we discussed the ``correlation'' - in this plot we start to see the correlation between m_1 and m_2.

1.6.3 Meta data

The result object also stores meta data, like the priors

```
[34]: result_short.priors
```

```
[34]: {'chirp_mass': Uniform(minimum=30.0, maximum=32.5, name='chirp_mass',
      latex_label='$\\mathcal{M}$', unit=None, boundary=None),
        'mass_ratio': Uniform(minimum=0.5, maximum=1, name='mass_ratio',
      latex_label='$q$', unit=None, boundary=None),
        'phase': Uniform(minimum=0, maximum=6.283185307179586, name='phase',
      latex_label='$\\phi$', unit=None, boundary=None),
```

```
    'geocent_time': Uniform(minimum=1126259462.3000002, maximum=1126259462.5,
name='geocent_time', latex_label='$t_c$', unit=None, boundary=None),
    'a_1': DeltaFunction(peak=0.0, name=None, latex_label=None, unit=None),
    'a_2': DeltaFunction(peak=0.0, name=None, latex_label=None, unit=None),
    'tilt_1': DeltaFunction(peak=0.0, name=None, latex_label=None, unit=None),
    'tilt_2': DeltaFunction(peak=0.0, name=None, latex_label=None, unit=None),
    'phi_12': DeltaFunction(peak=0.0, name=None, latex_label=None, unit=None),
    'phi_jl': DeltaFunction(peak=0.0, name=None, latex_label=None, unit=None),
    'dec': DeltaFunction(peak=-1.2232, name=None, latex_label=None, unit=None),
    'ra': DeltaFunction(peak=2.19432, name=None, latex_label=None, unit=None),
    'theta_jn': DeltaFunction(peak=1.89694, name=None, latex_label=None,
unit=None),
    'psi': DeltaFunction(peak=0.532268, name=None, latex_label=None, unit=None),
    'luminosity_distance': DeltaFunction(peak=412.066, name=None, latex_label=None,
unit=None),
    'time_jitter': Uniform(minimum=-0.000244140625, maximum=0.000244140625,
name=None, latex_label=None, unit=None, boundary='periodic')}
```

and details of the analysis itself:

[35]: ```python
result_short.sampler_kwargs["nlive"]
```

[35]: 500

Finally, we can also get out the Bayes factor for the signal vs. Gaussian noise:

[36]: ```python
print("ln Bayes factor = {} +/- {}".format(
    result_short.log_bayes_factor, result_short.log_evidence_err))
```

ln Bayes factor = 268.0582505030051 +/- 0.1298991918387898

1.7   Challenge questions

First, let's take a closer look at the result obtained with the run above. What
are the means of the chirp mass and mass ratio distributions? What are the
medians of the distributions for the components masses? You can use np.mean and
np.median to calculate these.

Now let's expand on this example a bit. Rerun the analysis above
but change the prior on the distance from a delta function to
bilby.core.prior.PowerLaw(alpha=2., minimum=50., maximum=800.,
name='luminosity_distance'). You should also replace sample='unif' with
sample="rwalk", nact=1, walks=1 in your call to bilby.run_sampler above. This
will take a bit longer than the original run, around ~20 minutes. You also
need to change the label in the call to run_sampler to avoid over-writing your
results.

What is the median reported value of the distance posterior? What is the new log

Bayes factor for signal vs. Gaussian noise? Don't be alarmed if your results do not match the official LVC results, as these are not rigorous settings.

```
[37]: chirp_mass_mean = np.mean(Mc)
      chirp_mass_median = np.median(Mc)
      Mr = result_short.posterior["mass_ratio"].values
      mass_ratio_mean = np.mean(Mr)
      mass_ratio_median = np.median(Mr)

      print('The mean of the chirp mass is',chirp_mass_mean)
      print('The median of the chirp mass is',chirp_mass_median)
      print('The mean of the mass ratio is',mass_ratio_mean)
      print('The median of the mass ratio is',mass_ratio_median)
```

The mean of the chirp mass is 31.43152124705227
The median of the chirp mass is 31.428028574106154
The mean of the mass ratio is 0.9145568397352934
The median of the mass ratio is 0.9275864993497596

```
[38]: m1 = (Mc*((1+Mr)**(1/5)))/(Mr**(3/5))

      m2 = m1 * Mr

      m1_mean = np.mean(m1)
      m2_mean = np.mean(m2)
      m1_median = np.median(m1)
      m2_median = np.median(m2)

      print('The mean of the first component mass is',m1_mean)
      print('The median of the first component mass is',m1_median)
      print('The mean of the second component mass is',m2_mean)
      print('The median of the second component mass is',m2_median)
```

The mean of the first component mass is 37.84178225507116
The median of the first component mass is 37.53382929900638
The mean of the second component mass is 34.51939321910813
The median of the second component mass is 34.7908449605184

```
[39]: from __future__ import division, print_function
      %matplotlib inline
      import numpy as np
      import matplotlib.pyplot as plt

      import bilby
      from bilby.core.prior import Uniform
      from bilby.gw.conversion import convert_to_lal_binary_black_hole_parameters,
       ↪generate_all_bbh_parameters
```

```python
from gwpy.timeseries import TimeSeries
```

```
[40]: time_of_event = 1126259462.4
```

```python
[41]: H1 = bilby.gw.detector.get_empty_interferometer("H1")
      L1 = bilby.gw.detector.get_empty_interferometer("L1")
```
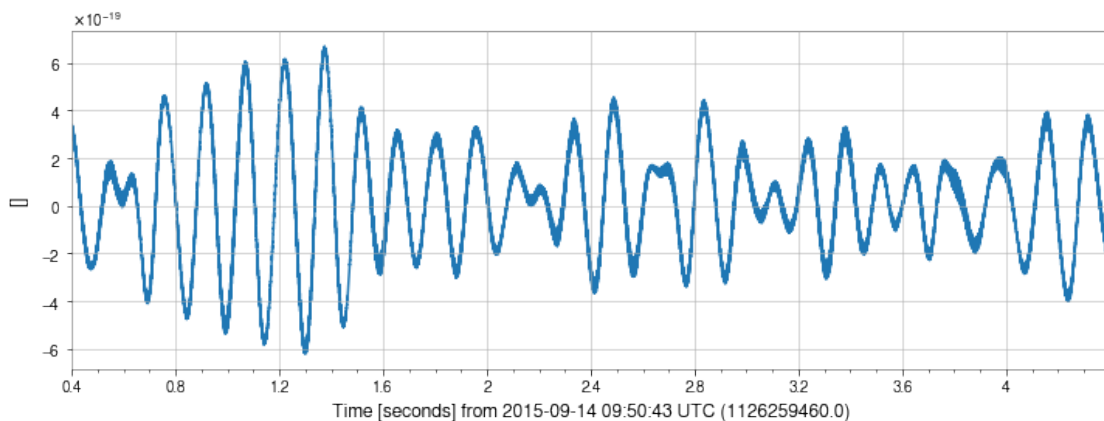
```python
[42]: # Definite times in relatation to the trigger time (time_of_event), duration␣
      ↪and post_trigger_duration
      post_trigger_duration = 2
      duration = 4
      analysis_start = time_of_event + post_trigger_duration - duration

      # Use gwpy to fetch the open data
      H1_analysis_data = TimeSeries.fetch_open_data(
          "H1", analysis_start, analysis_start + duration, sample_rate=4096,␣
      ↪cache=True)

      L1_analysis_data = TimeSeries.fetch_open_data(
          "L1", analysis_start, analysis_start + duration, sample_rate=4096,␣
      ↪cache=True)
```

/home/jotil/Tron/anaconda3/envs/igwn-py37/lib/python3.7/site-
packages/gwpy/types/series.py:926: UserWarning: TimeSeries.crop given end larger
than current end, crop will end when the Series actually ends.
  % type(self).__name__)

```python
[43]: H1_analysis_data.plot()
      plt.show()
```



```python
[44]: H1.set_strain_data_from_gwpy_timeseries(H1_analysis_data)
      L1.set_strain_data_from_gwpy_timeseries(L1_analysis_data)
```

```
[45]: psd_duration = duration * 32
      psd_start_time = analysis_start - psd_duration

      H1_psd_data = TimeSeries.fetch_open_data(
          "H1", psd_start_time, psd_start_time + psd_duration, sample_rate=4096,␣
       ↪cache=True)

      L1_psd_data = TimeSeries.fetch_open_data(
          "L1", psd_start_time, psd_start_time + psd_duration, sample_rate=4096,␣
       ↪cache=True)
```

```
[46]: psd_alpha = 2 * H1.strain_data.roll_off / duration
      H1_psd = H1_psd_data.psd(fftlength=duration, overlap=0, window=("tukey",␣
       ↪psd_alpha), method="median")
      L1_psd = L1_psd_data.psd(fftlength=duration, overlap=0, window=("tukey",␣
       ↪psd_alpha), method="median")
```

```
[47]: H1.power_spectral_density = bilby.gw.detector.PowerSpectralDensity(
          frequency_array=H1_psd.frequencies.value, psd_array=H1_psd.value)
      L1.power_spectral_density = bilby.gw.detector.PowerSpectralDensity(
          frequency_array=H1_psd.frequencies.value, psd_array=L1_psd.value)
```

```
[48]: fig, ax = plt.subplots()
      idxs = H1.strain_data.frequency_mask  # This is a boolean mask of the␣
       ↪frequencies which we'll use in the analysis
      ax.loglog(H1.strain_data.frequency_array[idxs],
                np.abs(H1.strain_data.frequency_domain_strain[idxs]))
      ax.loglog(H1.power_spectral_density.frequency_array[idxs],
                H1.power_spectral_density.asd_array[idxs])
      ax.set_xlabel("Frequency [Hz]")
      ax.set_ylabel("Strain [strain/$\sqrt{Hz}$]")
      plt.show()
```

```
16:29 bilby INFO    : Generating frequency domain strain from given time domain
strain.
16:29 bilby INFO    : Applying a tukey window with alpha=0.1, roll off=0.2
```
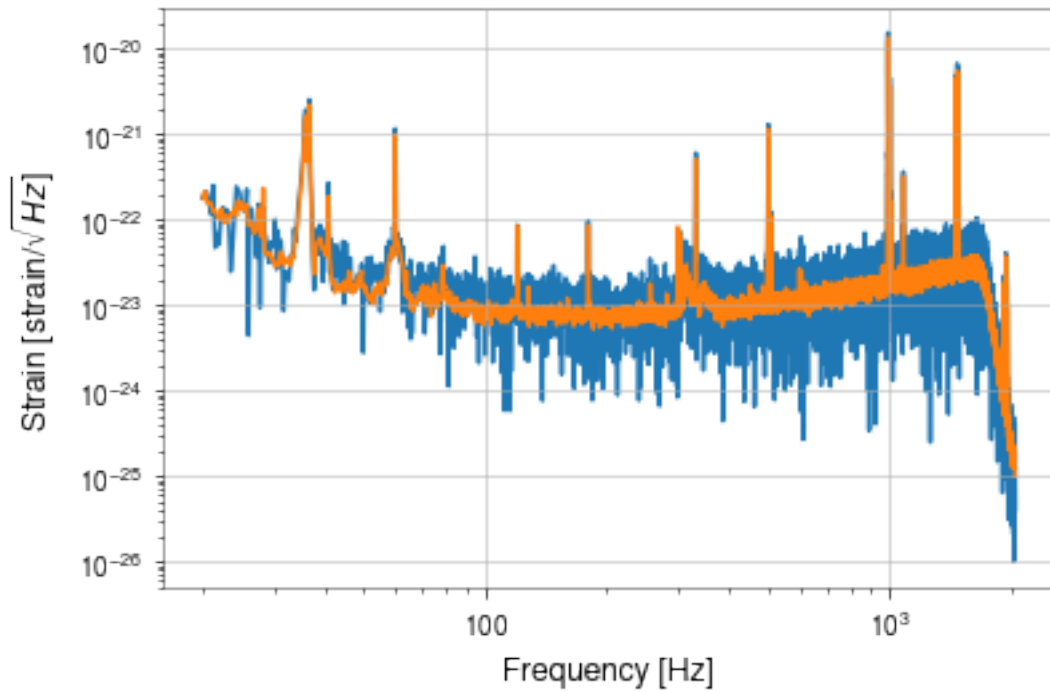
```
[49]: H1.maximum_frequency = 1024
      L1.maximum_frequency = 1024
```

```
[50]: fig, ax = plt.subplots()
      idxs = H1.strain_data.frequency_mask
      ax.loglog(H1.strain_data.frequency_array[idxs],
                np.abs(H1.strain_data.frequency_domain_strain[idxs]))
      ax.loglog(H1.power_spectral_density.frequency_array[idxs],
                H1.power_spectral_density.asd_array[idxs])
      ax.set_xlabel("Frequency [Hz]")
      ax.set_ylabel("Strain [strain/$\sqrt{Hz}$]")
      plt.show()
```
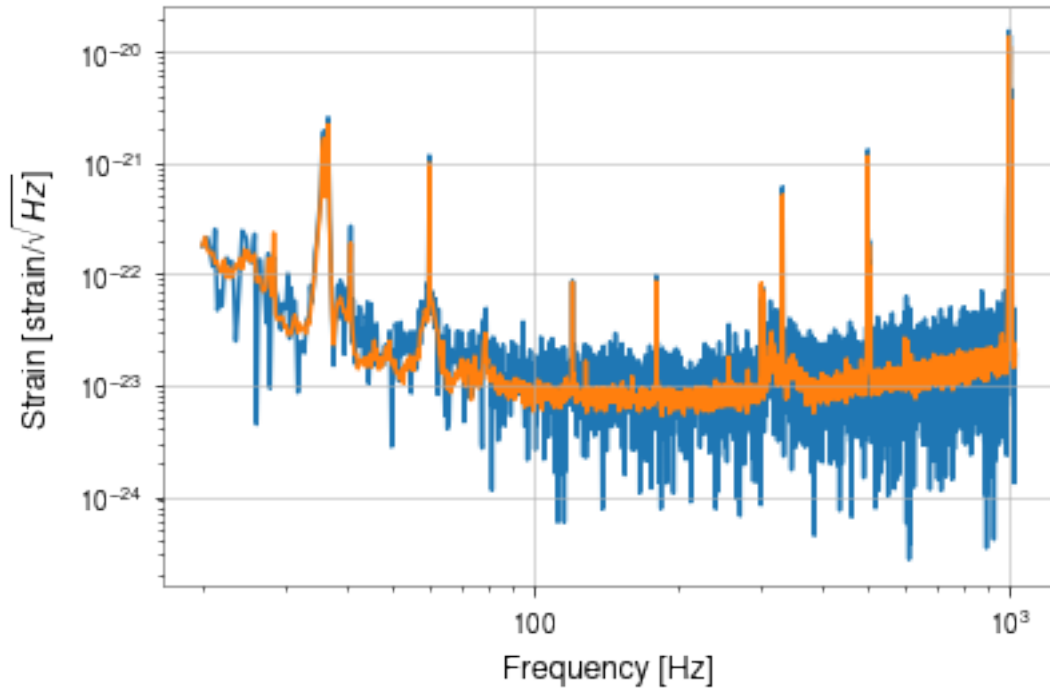
```
[51]: prior = bilby.core.prior.PriorDict()
      prior['chirp_mass'] = Uniform(name='chirp_mass', minimum=30.0,maximum=32.5)
      prior['mass_ratio'] = Uniform(name='mass_ratio', minimum=0.5, maximum=1)
      prior['phase'] = Uniform(name="phase", minimum=0, maximum=2*np.pi)
      prior['geocent_time'] = Uniform(name="geocent_time", minimum=time_of_event-0.1,␣
       ↪maximum=time_of_event+0.1)
      prior['a_1'] =  0.0
      prior['a_2'] =  0.0
      prior['tilt_1'] =  0.0
      prior['tilt_2'] =  0.0
      prior['phi_12'] =  0.0
      prior['phi_jl'] =  0.0
      prior['dec'] =  -1.2232
      prior['ra'] =  2.19432
      prior['theta_jn'] =  1.89694
      prior['psi'] =  0.532268
      prior['luminosity_distance'] = bilby.core.prior.PowerLaw(alpha=2., minimum=50.,␣
       ↪maximum=800., name='luminosity_distance')
```

```
[52]: # First, put our "data" created above into a list of intererometers (the order␣
       ↪is arbitrary)
      interferometers = [H1, L1]
```

```python
# Next create a dictionary of arguments which we pass into the LALSimulation␣
↪waveform - we specify the waveform approximant here
waveform_arguments = dict(
    waveform_approximant='IMRPhenomPv2', reference_frequency=100.,␣
↪catch_waveform_errors=True)

# Next, create a waveform_generator object. This wraps up some of the jobs of␣
↪converting between parameters etc
waveform_generator = bilby.gw.WaveformGenerator(
    frequency_domain_source_model=bilby.gw.source.lal_binary_black_hole,
    waveform_arguments=waveform_arguments,
    parameter_conversion=convert_to_lal_binary_black_hole_parameters)

# Finally, create our likelihood, passing in what is needed to get going
likelihood = bilby.gw.likelihood.GravitationalWaveTransient(
    interferometers, waveform_generator, priors=prior,
    time_marginalization=True, phase_marginalization=True,␣
↪distance_marginalization=False)
```

```
16:30 bilby INFO    : Waveform generator initiated with
  frequency_domain_source_model: bilby.gw.source.lal_binary_black_hole
  time_domain_source_model: None
  parameter_conversion:
bilby.gw.conversion.convert_to_lal_binary_black_hole_parameters
```

[55]:
```python
result_short1 = bilby.run_sampler(
    likelihood, prior, sampler='dynesty', outdir='short1', label="GW150914_1",
    conversion_function=bilby.gw.conversion.generate_all_bbh_parameters,
    sample="rwalk", nact=1, walks=1  # <- Arguments are used to make things␣
↪fast - not recommended for general use
)
```

```
16:39 bilby INFO    : Running for label 'GW150914_1', output will be saved to
'short1'
16:39 bilby INFO    : Using lal version 6.21.0
16:39 bilby INFO    : Using lal git version Branch: None;Tag: lalsuite-v6.66;Id:
04a60e3ac9b6ecb285cf96d1137c6a62a3d5cfde;;Builder: Unknown User <>;Repository
status: UNCLEAN: Modified working tree
16:39 bilby INFO    : Using lalsimulation version 1.10.0
16:39 bilby INFO    : Using lalsimulation git version Branch: None;Tag:
lalsuite-v6.66;Id: 04a60e3ac9b6ecb285cf96d1137c6a62a3d5cfde;;Builder: Unknown
User <>;Repository status: UNCLEAN: Modified working tree
16:39 bilby INFO    : Search parameters:
16:39 bilby INFO    :   chirp_mass = Uniform(minimum=30.0, maximum=32.5,
name='chirp_mass', latex_label='$\\mathcal{M}$', unit=None, boundary=None)
16:39 bilby INFO    :   mass_ratio = Uniform(minimum=0.5, maximum=1,
name='mass_ratio', latex_label='$q$', unit=None, boundary=None)
```

```
16:39 bilby INFO     :     luminosity_distance = PowerLaw(alpha=2.0, minimum=50.0,
maximum=800.0, name='luminosity_distance', latex_label='$d_L$', unit=None,
boundary=None)
16:39 bilby INFO     :     time_jitter = Uniform(minimum=-0.000244140625,
maximum=0.000244140625, name=None, latex_label=None, unit=None,
boundary='periodic')
16:39 bilby INFO     :     phase = 0.0
16:39 bilby INFO     :     geocent_time = 1126259460.3999023
16:39 bilby INFO     :     a_1 = 0.0
16:39 bilby INFO     :     a_2 = 0.0
16:39 bilby INFO     :     tilt_1 = 0.0
16:39 bilby INFO     :     tilt_2 = 0.0
16:39 bilby INFO     :     phi_12 = 0.0
16:39 bilby INFO     :     phi_jl = 0.0
16:39 bilby INFO     :     dec = -1.2232
16:39 bilby INFO     :     ra = 2.19432
16:39 bilby INFO     :     theta_jn = 1.89694
16:39 bilby INFO     :     psi = 0.532268
16:39 bilby INFO     : Single likelihood evaluation took 4.068e-02 s


0it [00:00, ?it/s]

16:39 bilby INFO     : Using sampler Dynesty with kwargs {'bound': 'multi',
'sample': 'rwalk', 'verbose': True, 'periodic': None, 'reflective': None,
'check_point_delta_t': 600, 'nlive': 1000, 'first_update': None, 'walks': 1,
'npdim': None, 'rstate': None, 'queue_size': 1, 'pool': None, 'use_pool': None,
'live_points': None, 'logl_args': None, 'logl_kwargs': None, 'ptform_args':
None, 'ptform_kwargs': None, 'enlarge': 1.5, 'bootstrap': None, 'vol_dec': 0.5,
'vol_check': 8.0, 'facc': 0.2, 'slices': 5, 'update_interval': 600,
'print_func': <bound method Dynesty._print_func of
<bilby.core.sampler.dynesty.Dynesty object at 0x7fd5fb6b70d0>>, 'dlogz': 0.1,
'maxiter': None, 'maxcall': None, 'logl_max': inf, 'add_live': True,
'print_progress': True, 'save_bounds': False, 'n_effective': None, 'maxmcmc':
5000, 'nact': 1}
16:39 bilby INFO     : Checkpoint every check_point_delta_t = 600s
16:39 bilby INFO     : Using dynesty version 1.0.1
16:39 bilby INFO     : Generating initial points from the prior
16:40 bilby INFO     : Using the bilby-implemented rwalk sample method with ACT
estimated walks
16:40 bilby INFO     : Resume file short1/GW150914_1_resume.pickle does not
exist.


1it [01:02, 62.66s/it, bound:0 nc:  1 ncall:1.0e+03 eff:0.1% logz-
ratio=-1109.77+/-0.12 dlogz:inf>0.1]
```

```
3it [01:02, 43.89s/it, bound:0 nc:  1 ncall:1.0e+03 eff:0.3% logz-
ratio=-817.10+/-0.12 dlogz:1221.287>0.1]

5it [01:03, 30.75s/it, bound:0 nc:  1 ncall:1.0e+03 eff:0.5% logz-
ratio=-67.14+/-0.12 dlogz:738.844>0.1]

7it [01:03, 21.55s/it, bound:0 nc:  1 ncall:1.0e+03 eff:0.7% logz-
ratio=63.28+/-0.12 dlogz:275.503>0.1]

9it [01:03, 15.11s/it, bound:0 nc:  1 ncall:1.0e+03 eff:0.9% logz-
ratio=78.20+/-0.12 dlogz:218.418>0.1]

11it [01:03, 10.60s/it, bound:0 nc:  1 ncall:1.0e+03 eff:1.1% logz-
ratio=81.46+/-0.12 dlogz:213.502>0.1]

13it [01:03,  7.44s/it, bound:0 nc:  1 ncall:1.0e+03 eff:1.3% logz-
ratio=147.09+/-0.12 dlogz:210.457>0.1]

15it [01:03,  5.23s/it, bound:0 nc:  1 ncall:1.0e+03 eff:1.5% logz-
ratio=152.47+/-0.12 dlogz:143.136>0.1]

17it [01:03,  3.68s/it, bound:0 nc:  1 ncall:1.0e+03 eff:1.7% logz-
ratio=154.11+/-0.11 dlogz:139.535>0.1]

19it [01:04,  2.60s/it, bound:0 nc:  1 ncall:1.0e+03 eff:1.9% logz-
ratio=155.46+/-0.11 dlogz:138.397>0.1]

21it [01:04,  1.86s/it, bound:0 nc:  2 ncall:1.0e+03 eff:2.1% logz-
ratio=156.63+/-0.10 dlogz:136.902>0.1]

23it [01:04,  1.32s/it, bound:0 nc:  1 ncall:1.0e+03 eff:2.2% logz-
ratio=157.68+/-0.10 dlogz:135.897>0.1]

25it [01:04,  1.05it/s, bound:0 nc:  1 ncall:1.0e+03 eff:2.4% logz-
ratio=158.50+/-0.10 dlogz:134.875>0.1]

27it [01:04,  1.45it/s, bound:0 nc:  1 ncall:1.0e+03 eff:2.6% logz-
ratio=159.02+/-0.10 dlogz:134.268>0.1]

29it [01:04,  1.96it/s, bound:0 nc:  1 ncall:1.0e+03 eff:2.8% logz-
ratio=159.65+/-0.10 dlogz:133.678>0.1]

31it [01:05,  2.62it/s, bound:0 nc:  1 ncall:1.0e+03 eff:3.0% logz-
ratio=160.16+/-0.10 dlogz:133.108>0.1]

33it [01:05,  3.47it/s, bound:0 nc:  1 ncall:1.0e+03 eff:3.2% logz-
ratio=160.61+/-0.10 dlogz:132.617>0.1]
```

```
35it [01:05,  4.43it/s, bound:0 nc:  1 ncall:1.0e+03 eff:3.4% logz-
ratio=160.99+/-0.10 dlogz:132.204>0.1]

37it [01:05,  5.53it/s, bound:0 nc:  1 ncall:1.0e+03 eff:3.6% logz-
ratio=161.36+/-0.09 dlogz:131.837>0.1]

39it [01:05,  6.71it/s, bound:0 nc:  1 ncall:1.0e+03 eff:3.8% logz-
ratio=161.68+/-0.09 dlogz:131.494>0.1]

41it [01:05,  7.74it/s, bound:0 nc:  1 ncall:1.0e+03 eff:3.9% logz-
ratio=162.00+/-0.09 dlogz:131.174>0.1]

43it [01:06,  8.70it/s, bound:0 nc:  1 ncall:1.0e+03 eff:4.1% logz-
ratio=162.36+/-0.09 dlogz:130.827>0.1]

45it [01:06,  9.20it/s, bound:0 nc:  1 ncall:1.0e+03 eff:4.3% logz-
ratio=162.64+/-0.09 dlogz:130.498>0.1]

47it [01:06,  9.98it/s, bound:0 nc:  1 ncall:1.0e+03 eff:4.5% logz-
ratio=162.95+/-0.09 dlogz:130.213>0.1]

49it [01:06, 10.24it/s, bound:0 nc:  1 ncall:1.0e+03 eff:4.7% logz-
ratio=163.25+/-0.09 dlogz:129.893>0.1]

51it [01:06, 10.61it/s, bound:0 nc:  1 ncall:1.1e+03 eff:4.8% logz-
ratio=163.51+/-0.09 dlogz:129.619>0.1]

53it [01:06, 10.75it/s, bound:0 nc:  1 ncall:1.1e+03 eff:5.0% logz-
ratio=163.75+/-0.09 dlogz:129.365>0.1]

55it [01:07, 11.41it/s, bound:0 nc:  1 ncall:1.1e+03 eff:5.2% logz-
ratio=163.98+/-0.09 dlogz:129.131>0.1]

57it [01:07, 11.49it/s, bound:0 nc:  1 ncall:1.1e+03 eff:5.4% logz-
ratio=164.20+/-0.09 dlogz:128.898>0.1]

59it [01:07, 11.38it/s, bound:0 nc:  1 ncall:1.1e+03 eff:5.6% logz-
ratio=164.39+/-0.09 dlogz:128.692>0.1]

61it [01:07,  9.91it/s, bound:0 nc:  1 ncall:1.1e+03 eff:5.7% logz-
ratio=164.57+/-0.09 dlogz:128.505>0.1]

63it [01:07, 10.47it/s, bound:0 nc:  1 ncall:1.1e+03 eff:5.9% logz-
ratio=164.73+/-0.09 dlogz:128.335>0.1]

65it [01:08, 10.81it/s, bound:0 nc:  1 ncall:1.1e+03 eff:6.1% logz-
ratio=164.90+/-0.09 dlogz:128.172>0.1]
```

```
67it [01:08,  9.78it/s, bound:0 nc:  1 ncall:1.1e+03 eff:6.3% logz-
ratio=165.07+/-0.09 dlogz:128.000>0.1]

69it [01:08, 10.02it/s, bound:0 nc:  1 ncall:1.1e+03 eff:6.4% logz-
ratio=165.26+/-0.09 dlogz:127.818>0.1]

71it [01:08,  9.99it/s, bound:0 nc:  1 ncall:1.1e+03 eff:6.6% logz-
ratio=165.47+/-0.09 dlogz:127.610>0.1]

73it [01:08,  9.69it/s, bound:0 nc:  2 ncall:1.1e+03 eff:6.8% logz-
ratio=165.68+/-0.09 dlogz:127.405>0.1]

75it [01:09, 10.62it/s, bound:0 nc:  1 ncall:1.1e+03 eff:7.0% logz-
ratio=165.91+/-0.09 dlogz:127.174>0.1]

77it [01:09, 11.36it/s, bound:0 nc:  1 ncall:1.1e+03 eff:7.1% logz-
ratio=166.14+/-0.09 dlogz:126.956>0.1]

79it [01:09,  9.50it/s, bound:0 nc:  2 ncall:1.1e+03 eff:7.3% logz-
ratio=166.39+/-0.09 dlogz:126.701>0.1]

81it [01:09, 10.38it/s, bound:0 nc:  1 ncall:1.1e+03 eff:7.5% logz-
ratio=166.62+/-0.09 dlogz:126.465>0.1]

83it [01:09, 11.20it/s, bound:0 nc:  1 ncall:1.1e+03 eff:7.6% logz-
ratio=166.82+/-0.09 dlogz:126.243>0.1]

85it [01:09, 11.52it/s, bound:0 nc:  1 ncall:1.1e+03 eff:7.8% logz-
ratio=167.02+/-0.09 dlogz:126.048>0.1]

87it [01:10, 12.11it/s, bound:0 nc:  1 ncall:1.1e+03 eff:8.0% logz-
ratio=167.21+/-0.09 dlogz:125.844>0.1]

89it [01:10, 12.48it/s, bound:0 nc:  1 ncall:1.1e+03 eff:8.1% logz-
ratio=167.39+/-0.09 dlogz:125.658>0.1]

91it [01:10, 12.71it/s, bound:0 nc:  1 ncall:1.1e+03 eff:8.3% logz-
ratio=167.55+/-0.09 dlogz:125.491>0.1]

93it [01:10, 13.09it/s, bound:0 nc:  1 ncall:1.1e+03 eff:8.5% logz-
ratio=167.69+/-0.09 dlogz:125.338>0.1]

95it [01:10, 11.87it/s, bound:0 nc:  1 ncall:1.1e+03 eff:8.6% logz-
ratio=167.83+/-0.08 dlogz:125.194>0.1]

97it [01:10, 11.97it/s, bound:0 nc:  1 ncall:1.1e+03 eff:8.8% logz-
ratio=167.98+/-0.08 dlogz:125.052>0.1]
```

```
99it [01:11, 10.80it/s, bound:0 nc:  2 ncall:1.1e+03 eff:8.9% logz-
ratio=168.12+/-0.08 dlogz:124.903>0.1]

101it [01:11, 10.90it/s, bound:0 nc:  1 ncall:1.1e+03 eff:9.1% logz-
ratio=168.25+/-0.08 dlogz:124.762>0.1]

103it [01:11,  9.93it/s, bound:0 nc:  1 ncall:1.1e+03 eff:9.3% logz-
ratio=168.39+/-0.08 dlogz:124.626>0.1]

105it [01:11, 10.86it/s, bound:0 nc:  1 ncall:1.1e+03 eff:9.4% logz-
ratio=168.52+/-0.08 dlogz:124.490>0.1]

107it [01:11, 11.64it/s, bound:0 nc:  1 ncall:1.1e+03 eff:9.6% logz-
ratio=168.67+/-0.08 dlogz:124.347>0.1]

109it [01:11, 12.27it/s, bound:0 nc:  1 ncall:1.1e+03 eff:9.7% logz-
ratio=168.84+/-0.08 dlogz:124.190>0.1]

111it [01:12, 12.66it/s, bound:0 nc:  1 ncall:1.1e+03 eff:9.9% logz-
ratio=169.02+/-0.08 dlogz:124.014>0.1]

113it [01:12, 12.99it/s, bound:0 nc:  1 ncall:1.1e+03 eff:10.1% logz-
ratio=169.19+/-0.08 dlogz:123.834>0.1]

115it [01:12, 11.54it/s, bound:0 nc:  2 ncall:1.1e+03 eff:10.2% logz-
ratio=169.35+/-0.08 dlogz:123.667>0.1]

117it [01:12, 12.08it/s, bound:0 nc:  1 ncall:1.1e+03 eff:10.4% logz-
ratio=169.50+/-0.08 dlogz:123.509>0.1]

119it [01:12, 12.59it/s, bound:0 nc:  1 ncall:1.1e+03 eff:10.5% logz-
ratio=169.64+/-0.08 dlogz:123.363>0.1]

121it [01:12, 12.83it/s, bound:0 nc:  1 ncall:1.1e+03 eff:10.7% logz-
ratio=169.77+/-0.08 dlogz:123.222>0.1]

123it [01:13, 13.11it/s, bound:0 nc:  1 ncall:1.1e+03 eff:10.9% logz-
ratio=169.90+/-0.08 dlogz:123.090>0.1]

125it [01:13, 10.60it/s, bound:0 nc:  3 ncall:1.1e+03 eff:11.0% logz-
ratio=170.04+/-0.08 dlogz:122.961>0.1]

127it [01:13, 11.40it/s, bound:0 nc:  1 ncall:1.1e+03 eff:11.2% logz-
ratio=170.18+/-0.08 dlogz:122.814>0.1]

129it [01:13, 12.07it/s, bound:0 nc:  1 ncall:1.1e+03 eff:11.3% logz-
ratio=170.33+/-0.08 dlogz:122.668>0.1]
```

```
131it [01:13, 12.51it/s, bound:0 nc:  1 ncall:1.1e+03 eff:11.5% logz-
ratio=170.47+/-0.08 dlogz:122.521>0.1]


133it [01:13, 12.83it/s, bound:0 nc:  1 ncall:1.1e+03 eff:11.6% logz-
ratio=170.60+/-0.08 dlogz:122.385>0.1]


135it [01:14, 12.12it/s, bound:0 nc:  1 ncall:1.1e+03 eff:11.8% logz-
ratio=170.74+/-0.08 dlogz:122.247>0.1]


137it [01:14, 12.48it/s, bound:0 nc:  1 ncall:1.1e+03 eff:11.9% logz-
ratio=170.87+/-0.08 dlogz:122.108>0.1]


139it [01:14, 12.75it/s, bound:0 nc:  1 ncall:1.2e+03 eff:12.1% logz-
ratio=170.99+/-0.08 dlogz:121.984>0.1]


141it [01:14, 10.54it/s, bound:0 nc:  3 ncall:1.2e+03 eff:12.2% logz-
ratio=171.10+/-0.08 dlogz:121.862>0.1]


143it [01:14, 11.39it/s, bound:0 nc:  1 ncall:1.2e+03 eff:12.4% logz-
ratio=171.22+/-0.08 dlogz:121.745>0.1]


145it [01:14, 12.04it/s, bound:0 nc:  1 ncall:1.2e+03 eff:12.5% logz-
ratio=171.34+/-0.08 dlogz:121.627>0.1]


147it [01:15, 11.28it/s, bound:0 nc:  2 ncall:1.2e+03 eff:12.7% logz-
ratio=171.46+/-0.08 dlogz:121.501>0.1]


149it [01:15, 11.88it/s, bound:0 nc:  1 ncall:1.2e+03 eff:12.8% logz-
ratio=171.57+/-0.08 dlogz:121.382>0.1]


151it [01:15, 12.44it/s, bound:0 nc:  1 ncall:1.2e+03 eff:13.0% logz-
ratio=171.68+/-0.08 dlogz:121.272>0.1]


153it [01:15, 12.92it/s, bound:0 nc:  1 ncall:1.2e+03 eff:13.1% logz-
ratio=171.78+/-0.08 dlogz:121.167>0.1]


155it [01:15, 13.17it/s, bound:0 nc:  1 ncall:1.2e+03 eff:13.2% logz-
ratio=171.88+/-0.08 dlogz:121.065>0.1]


157it [01:15, 13.18it/s, bound:0 nc:  1 ncall:1.2e+03 eff:13.4% logz-
ratio=171.99+/-0.08 dlogz:120.955>0.1]


159it [01:16, 13.49it/s, bound:0 nc:  1 ncall:1.2e+03 eff:13.5% logz-
ratio=172.10+/-0.08 dlogz:120.845>0.1]


161it [01:16, 13.54it/s, bound:0 nc:  1 ncall:1.2e+03 eff:13.7% logz-
ratio=172.20+/-0.08 dlogz:120.742>0.1]
```

```
163it [01:16, 12.10it/s, bound:0 nc:  2 ncall:1.2e+03 eff:13.8% logz-
ratio=172.30+/-0.08 dlogz:120.642>0.1]

165it [01:16, 12.55it/s, bound:0 nc:  1 ncall:1.2e+03 eff:14.0% logz-
ratio=172.40+/-0.08 dlogz:120.536>0.1]

167it [01:16, 12.84it/s, bound:0 nc:  1 ncall:1.2e+03 eff:14.1% logz-
ratio=172.51+/-0.08 dlogz:120.428>0.1]

169it [01:16, 13.25it/s, bound:0 nc:  1 ncall:1.2e+03 eff:14.3% logz-
ratio=172.61+/-0.08 dlogz:120.322>0.1]

171it [01:16, 13.42it/s, bound:0 nc:  1 ncall:1.2e+03 eff:14.4% logz-
ratio=172.70+/-0.08 dlogz:120.224>0.1]

173it [01:17, 12.08it/s, bound:0 nc:  2 ncall:1.2e+03 eff:14.5% logz-
ratio=172.79+/-0.08 dlogz:120.131>0.1]

175it [01:17, 11.23it/s, bound:0 nc:  2 ncall:1.2e+03 eff:14.7% logz-
ratio=172.88+/-0.08 dlogz:120.043>0.1]

177it [01:17, 10.74it/s, bound:0 nc:  2 ncall:1.2e+03 eff:14.8% logz-
ratio=172.97+/-0.08 dlogz:119.954>0.1]

179it [01:17,  9.44it/s, bound:0 nc:  2 ncall:1.2e+03 eff:14.9% logz-
ratio=173.06+/-0.08 dlogz:119.858>0.1]

180it [01:18,  8.46it/s, bound:0 nc:  2 ncall:1.2e+03 eff:15.0% logz-
ratio=173.11+/-0.08 dlogz:119.809>0.1]

182it [01:18,  9.66it/s, bound:0 nc:  1 ncall:1.2e+03 eff:15.1% logz-
ratio=173.20+/-0.08 dlogz:119.715>0.1]

184it [01:18, 10.58it/s, bound:0 nc:  1 ncall:1.2e+03 eff:15.3% logz-
ratio=173.29+/-0.08 dlogz:119.619>0.1]

186it [01:18,  9.42it/s, bound:0 nc:  1 ncall:1.2e+03 eff:15.4% logz-
ratio=173.39+/-0.08 dlogz:119.522>0.1]

188it [01:18, 10.38it/s, bound:0 nc:  1 ncall:1.2e+03 eff:15.5% logz-
ratio=173.48+/-0.08 dlogz:119.429>0.1]

190it [01:18, 11.25it/s, bound:0 nc:  1 ncall:1.2e+03 eff:15.7% logz-
ratio=173.56+/-0.08 dlogz:119.341>0.1]

192it [01:19, 11.82it/s, bound:0 nc:  1 ncall:1.2e+03 eff:15.8% logz-
ratio=173.64+/-0.08 dlogz:119.256>0.1]
```

194it [01:19, 10.02it/s, bound:0 nc: 2 ncall:1.2e+03 eff:15.9% logz-ratio=173.73+/-0.08 dlogz:119.172>0.1]

196it [01:19, 9.94it/s, bound:0 nc: 1 ncall:1.2e+03 eff:16.0% logz-ratio=173.82+/-0.08 dlogz:119.083>0.1]

198it [01:19, 10.91it/s, bound:0 nc: 1 ncall:1.2e+03 eff:16.2% logz-ratio=173.91+/-0.08 dlogz:118.986>0.1]

200it [01:19, 11.64it/s, bound:0 nc: 1 ncall:1.2e+03 eff:16.3% logz-ratio=174.01+/-0.08 dlogz:118.891>0.1]

202it [01:19, 10.77it/s, bound:0 nc: 1 ncall:1.2e+03 eff:16.4% logz-ratio=174.10+/-0.08 dlogz:118.796>0.1]

204it [01:20, 8.69it/s, bound:0 nc: 4 ncall:1.2e+03 eff:16.5% logz-ratio=174.19+/-0.08 dlogz:118.703>0.1]

205it [01:20, 8.19it/s, bound:0 nc: 2 ncall:1.2e+03 eff:16.6% logz-ratio=174.23+/-0.08 dlogz:118.657>0.1]

207it [01:20, 8.65it/s, bound:0 nc: 2 ncall:1.2e+03 eff:16.7% logz-ratio=174.32+/-0.08 dlogz:118.563>0.1]

208it [01:20, 5.54it/s, bound:0 nc: 5 ncall:1.2e+03 eff:16.7% logz-ratio=174.37+/-0.08 dlogz:118.518>0.1]

210it [01:21, 6.74it/s, bound:0 nc: 1 ncall:1.2e+03 eff:16.8% logz-ratio=174.46+/-0.08 dlogz:118.428>0.1]

212it [01:21, 6.92it/s, bound:0 nc: 3 ncall:1.3e+03 eff:16.9% logz-ratio=174.56+/-0.08 dlogz:118.328>0.1]

214it [01:21, 8.19it/s, bound:0 nc: 1 ncall:1.3e+03 eff:17.1% logz-ratio=174.66+/-0.08 dlogz:118.225>0.1]

216it [01:21, 7.94it/s, bound:0 nc: 3 ncall:1.3e+03 eff:17.2% logz-ratio=174.77+/-0.08 dlogz:118.119>0.1]

218it [01:21, 9.13it/s, bound:0 nc: 1 ncall:1.3e+03 eff:17.3% logz-ratio=174.87+/-0.08 dlogz:118.015>0.1]

220it [01:22, 10.14it/s, bound:0 nc: 1 ncall:1.3e+03 eff:17.4% logz-ratio=174.98+/-0.08 dlogz:117.908>0.1]

222it [01:22, 10.98it/s, bound:0 nc: 1 ncall:1.3e+03 eff:17.6% logz-ratio=175.08+/-0.08 dlogz:117.801>0.1]

```
224it [01:22, 11.43it/s, bound:0 nc:  1 ncall:1.3e+03 eff:17.7% logz-
ratio=175.17+/-0.08 dlogz:117.699>0.1]

226it [01:22, 11.99it/s, bound:0 nc:  1 ncall:1.3e+03 eff:17.8% logz-
ratio=175.27+/-0.08 dlogz:117.604>0.1]

228it [01:22, 12.65it/s, bound:0 nc:  1 ncall:1.3e+03 eff:18.0% logz-
ratio=175.36+/-0.08 dlogz:117.509>0.1]

230it [01:22, 11.50it/s, bound:0 nc:  1 ncall:1.3e+03 eff:18.1% logz-
ratio=175.45+/-0.08 dlogz:117.416>0.1]

232it [01:23, 12.25it/s, bound:0 nc:  1 ncall:1.3e+03 eff:18.2% logz-
ratio=175.53+/-0.08 dlogz:117.329>0.1]

234it [01:23, 12.62it/s, bound:0 nc:  1 ncall:1.3e+03 eff:18.3% logz-
ratio=175.61+/-0.08 dlogz:117.245>0.1]

236it [01:23, 10.49it/s, bound:0 nc:  2 ncall:1.3e+03 eff:18.4% logz-
ratio=175.69+/-0.08 dlogz:117.163>0.1]

238it [01:23, 10.32it/s, bound:0 nc:  1 ncall:1.3e+03 eff:18.6% logz-
ratio=175.76+/-0.08 dlogz:117.086>0.1]

240it [01:23, 10.13it/s, bound:0 nc:  2 ncall:1.3e+03 eff:18.7% logz-
ratio=175.83+/-0.08 dlogz:117.012>0.1]

242it [01:24, 11.01it/s, bound:0 nc:  1 ncall:1.3e+03 eff:18.8% logz-
ratio=175.91+/-0.08 dlogz:116.937>0.1]

244it [01:24, 10.63it/s, bound:0 nc:  2 ncall:1.3e+03 eff:18.9% logz-
ratio=175.99+/-0.08 dlogz:116.859>0.1]

246it [01:24, 11.39it/s, bound:0 nc:  1 ncall:1.3e+03 eff:19.0% logz-
ratio=176.07+/-0.08 dlogz:116.777>0.1]

248it [01:24, 10.86it/s, bound:0 nc:  1 ncall:1.3e+03 eff:19.1% logz-
ratio=176.14+/-0.08 dlogz:116.696>0.1]

250it [01:24, 10.44it/s, bound:0 nc:  2 ncall:1.3e+03 eff:19.2% logz-
ratio=176.22+/-0.08 dlogz:116.619>0.1]

252it [01:24, 11.23it/s, bound:0 nc:  1 ncall:1.3e+03 eff:19.4% logz-
ratio=176.30+/-0.08 dlogz:116.536>0.1]

254it [01:25, 10.65it/s, bound:0 nc:  1 ncall:1.3e+03 eff:19.5% logz-
ratio=176.39+/-0.08 dlogz:116.452>0.1]
```

256it [01:25, 10.32it/s, bound:0 nc: 2 ncall:1.3e+03 eff:19.6% logz-ratio=176.47+/-0.08 dlogz:116.368>0.1]

258it [01:25, 9.97it/s, bound:0 nc: 1 ncall:1.3e+03 eff:19.7% logz-ratio=176.55+/-0.08 dlogz:116.286>0.1]

260it [01:25, 9.86it/s, bound:0 nc: 2 ncall:1.3e+03 eff:19.8% logz-ratio=176.63+/-0.08 dlogz:116.205>0.1]

262it [01:25, 10.78it/s, bound:0 nc: 1 ncall:1.3e+03 eff:19.9% logz-ratio=176.71+/-0.08 dlogz:116.121>0.1]

264it [01:26, 11.54it/s, bound:0 nc: 1 ncall:1.3e+03 eff:20.0% logz-ratio=176.79+/-0.08 dlogz:116.038>0.1]

266it [01:26, 9.93it/s, bound:0 nc: 1 ncall:1.3e+03 eff:20.1% logz-ratio=176.87+/-0.08 dlogz:115.954>0.1]

268it [01:26, 9.86it/s, bound:0 nc: 1 ncall:1.3e+03 eff:20.2% logz-ratio=176.97+/-0.08 dlogz:115.862>0.1]

270it [01:26, 9.82it/s, bound:0 nc: 2 ncall:1.3e+03 eff:20.3% logz-ratio=177.06+/-0.08 dlogz:115.767>0.1]

272it [01:26, 10.58it/s, bound:0 nc: 1 ncall:1.3e+03 eff:20.5% logz-ratio=177.15+/-0.08 dlogz:115.678>0.1]

274it [01:27, 11.46it/s, bound:0 nc: 1 ncall:1.3e+03 eff:20.6% logz-ratio=177.26+/-0.08 dlogz:115.575>0.1]

276it [01:27, 9.84it/s, bound:0 nc: 1 ncall:1.3e+03 eff:20.7% logz-ratio=177.38+/-0.08 dlogz:115.452>0.1]

278it [01:27, 10.80it/s, bound:0 nc: 1 ncall:1.3e+03 eff:20.8% logz-ratio=177.50+/-0.08 dlogz:115.335>0.1]

280it [01:27, 10.48it/s, bound:0 nc: 1 ncall:1.3e+03 eff:20.9% logz-ratio=177.62+/-0.08 dlogz:115.213>0.1]

282it [01:27, 11.36it/s, bound:0 nc: 1 ncall:1.3e+03 eff:21.0% logz-ratio=177.73+/-0.08 dlogz:115.093>0.1]

284it [01:27, 10.78it/s, bound:0 nc: 2 ncall:1.3e+03 eff:21.1% logz-ratio=177.84+/-0.08 dlogz:114.979>0.1]

286it [01:28, 11.63it/s, bound:0 nc: 1 ncall:1.3e+03 eff:21.2% logz-ratio=177.94+/-0.08 dlogz:114.874>0.1]

```
288it [01:28, 12.23it/s, bound:0 nc:  1 ncall:1.3e+03 eff:21.3% logz-
ratio=178.04+/-0.08 dlogz:114.771>0.1]

290it [01:28, 11.38it/s, bound:0 nc:  2 ncall:1.4e+03 eff:21.4% logz-
ratio=178.16+/-0.08 dlogz:114.667>0.1]

292it [01:28, 12.10it/s, bound:0 nc:  1 ncall:1.4e+03 eff:21.6% logz-
ratio=178.28+/-0.08 dlogz:114.539>0.1]

294it [01:28, 12.55it/s, bound:0 nc:  1 ncall:1.4e+03 eff:21.7% logz-
ratio=178.41+/-0.08 dlogz:114.409>0.1]

296it [01:28, 11.47it/s, bound:0 nc:  2 ncall:1.4e+03 eff:21.8% logz-
ratio=178.53+/-0.08 dlogz:114.279>0.1]

298it [01:29, 12.15it/s, bound:0 nc:  1 ncall:1.4e+03 eff:21.9% logz-
ratio=178.65+/-0.08 dlogz:114.160>0.1]

300it [01:29, 12.50it/s, bound:0 nc:  1 ncall:1.4e+03 eff:22.0% logz-
ratio=178.77+/-0.08 dlogz:114.040>0.1]

302it [01:29, 12.83it/s, bound:0 nc:  1 ncall:1.4e+03 eff:22.1% logz-
ratio=178.88+/-0.08 dlogz:113.925>0.1]

304it [01:29, 13.20it/s, bound:0 nc:  1 ncall:1.4e+03 eff:22.2% logz-
ratio=178.99+/-0.08 dlogz:113.810>0.1]

306it [01:29, 11.95it/s, bound:0 nc:  1 ncall:1.4e+03 eff:22.3% logz-
ratio=179.10+/-0.08 dlogz:113.699>0.1]

308it [01:30, 10.17it/s, bound:0 nc:  2 ncall:1.4e+03 eff:22.4% logz-
ratio=179.21+/-0.08 dlogz:113.589>0.1]

310it [01:30, 11.10it/s, bound:0 nc:  1 ncall:1.4e+03 eff:22.5% logz-
ratio=179.32+/-0.08 dlogz:113.477>0.1]

312it [01:30, 10.45it/s, bound:0 nc:  1 ncall:1.4e+03 eff:22.6% logz-
ratio=179.42+/-0.08 dlogz:113.369>0.1]

314it [01:30,  9.34it/s, bound:0 nc:  3 ncall:1.4e+03 eff:22.7% logz-
ratio=179.53+/-0.08 dlogz:113.261>0.1]

315it [01:30,  8.48it/s, bound:0 nc:  2 ncall:1.4e+03 eff:22.7% logz-
ratio=179.59+/-0.08 dlogz:113.203>0.1]

316it [01:31,  6.80it/s, bound:0 nc:  3 ncall:1.4e+03 eff:22.8% logz-
ratio=179.65+/-0.08 dlogz:113.144>0.1]
```

```
317it [01:31,  6.88it/s, bound:0 nc:  2 ncall:1.4e+03 eff:22.8% logz-
ratio=179.70+/-0.08 dlogz:113.085>0.1]

319it [01:31,  8.13it/s, bound:0 nc:  1 ncall:1.4e+03 eff:22.9% logz-
ratio=179.81+/-0.08 dlogz:112.973>0.1]

321it [01:31,  9.30it/s, bound:0 nc:  1 ncall:1.4e+03 eff:23.0% logz-
ratio=179.91+/-0.08 dlogz:112.869>0.1]

323it [01:31, 10.37it/s, bound:0 nc:  1 ncall:1.4e+03 eff:23.1% logz-
ratio=180.01+/-0.08 dlogz:112.770>0.1]

325it [01:31, 11.24it/s, bound:0 nc:  1 ncall:1.4e+03 eff:23.2% logz-
ratio=180.10+/-0.08 dlogz:112.672>0.1]

327it [01:31, 10.69it/s, bound:0 nc:  2 ncall:1.4e+03 eff:23.3% logz-
ratio=180.19+/-0.08 dlogz:112.580>0.1]

329it [01:32, 11.50it/s, bound:0 nc:  1 ncall:1.4e+03 eff:23.4% logz-
ratio=180.28+/-0.08 dlogz:112.491>0.1]

331it [01:32, 12.13it/s, bound:0 nc:  1 ncall:1.4e+03 eff:23.6% logz-
ratio=180.37+/-0.08 dlogz:112.397>0.1]

333it [01:32, 12.55it/s, bound:0 nc:  1 ncall:1.4e+03 eff:23.7% logz-
ratio=180.47+/-0.08 dlogz:112.296>0.1]

335it [01:32, 10.51it/s, bound:0 nc:  2 ncall:1.4e+03 eff:23.7% logz-
ratio=180.57+/-0.08 dlogz:112.197>0.1]

337it [01:32, 10.26it/s, bound:0 nc:  1 ncall:1.4e+03 eff:23.8% logz-
ratio=180.66+/-0.08 dlogz:112.101>0.1]

339it [01:33, 10.08it/s, bound:0 nc:  1 ncall:1.4e+03 eff:23.9% logz-
ratio=180.75+/-0.08 dlogz:112.008>0.1]

341it [01:33, 10.05it/s, bound:0 nc:  1 ncall:1.4e+03 eff:24.0% logz-
ratio=180.85+/-0.08 dlogz:111.913>0.1]

343it [01:33, 10.94it/s, bound:0 nc:  1 ncall:1.4e+03 eff:24.1% logz-
ratio=180.94+/-0.08 dlogz:111.812>0.1]

345it [01:33, 10.60it/s, bound:0 nc:  2 ncall:1.4e+03 eff:24.2% logz-
ratio=181.04+/-0.08 dlogz:111.713>0.1]

347it [01:33,  8.40it/s, bound:0 nc:  3 ncall:1.4e+03 eff:24.3% logz-
ratio=181.14+/-0.08 dlogz:111.612>0.1]
```

349it [01:34, 9.48it/s, bound:0 nc: 1 ncall:1.4e+03 eff:24.4% logz-ratio=181.24+/-0.08 dlogz:111.508>0.1]

351it [01:34, 8.79it/s, bound:0 nc: 1 ncall:1.4e+03 eff:24.4% logz-ratio=181.34+/-0.08 dlogz:111.410>0.1]

353it [01:34, 9.80it/s, bound:0 nc: 1 ncall:1.4e+03 eff:24.5% logz-ratio=181.43+/-0.08 dlogz:111.313>0.1]

355it [01:34, 9.79it/s, bound:0 nc: 1 ncall:1.4e+03 eff:24.6% logz-ratio=181.52+/-0.08 dlogz:111.221>0.1]

357it [01:34, 10.69it/s, bound:0 nc: 1 ncall:1.4e+03 eff:24.7% logz-ratio=181.61+/-0.08 dlogz:111.130>0.1]

359it [01:34, 11.45it/s, bound:0 nc: 1 ncall:1.4e+03 eff:24.8% logz-ratio=181.71+/-0.08 dlogz:111.032>0.1]

361it [01:35, 12.15it/s, bound:0 nc: 1 ncall:1.4e+03 eff:24.9% logz-ratio=181.80+/-0.08 dlogz:110.933>0.1]

363it [01:35, 10.12it/s, bound:0 nc: 1 ncall:1.5e+03 eff:25.0% logz-ratio=181.90+/-0.08 dlogz:110.835>0.1]

365it [01:35, 11.02it/s, bound:0 nc: 1 ncall:1.5e+03 eff:25.1% logz-ratio=181.99+/-0.08 dlogz:110.738>0.1]

367it [01:35, 10.59it/s, bound:0 nc: 2 ncall:1.5e+03 eff:25.2% logz-ratio=182.08+/-0.08 dlogz:110.646>0.1]

369it [01:35, 11.40it/s, bound:0 nc: 1 ncall:1.5e+03 eff:25.3% logz-ratio=182.17+/-0.08 dlogz:110.556>0.1]

371it [01:36, 10.75it/s, bound:0 nc: 2 ncall:1.5e+03 eff:25.4% logz-ratio=182.25+/-0.08 dlogz:110.469>0.1]

373it [01:36, 11.57it/s, bound:0 nc: 1 ncall:1.5e+03 eff:25.5% logz-ratio=182.33+/-0.08 dlogz:110.384>0.1]

375it [01:36, 11.84it/s, bound:0 nc: 1 ncall:1.5e+03 eff:25.6% logz-ratio=182.41+/-0.08 dlogz:110.301>0.1]

377it [01:36, 9.52it/s, bound:0 nc: 3 ncall:1.5e+03 eff:25.7% logz-ratio=182.49+/-0.08 dlogz:110.221>0.1]

379it [01:36, 9.49it/s, bound:0 nc: 2 ncall:1.5e+03 eff:25.7% logz-ratio=182.57+/-0.08 dlogz:110.144>0.1]

381it [01:37, 10.55it/s, bound:0 nc: 1 ncall:1.5e+03 eff:25.8% logz-ratio=182.66+/-0.08 dlogz:110.058>0.1]

383it [01:37, 9.24it/s, bound:0 nc: 3 ncall:1.5e+03 eff:25.9% logz-ratio=182.74+/-0.08 dlogz:109.968>0.1]

385it [01:37, 10.19it/s, bound:0 nc: 1 ncall:1.5e+03 eff:26.0% logz-ratio=182.83+/-0.08 dlogz:109.882>0.1]

387it [01:37, 11.07it/s, bound:0 nc: 1 ncall:1.5e+03 eff:26.1% logz-ratio=182.92+/-0.08 dlogz:109.790>0.1]

389it [01:37, 10.64it/s, bound:0 nc: 2 ncall:1.5e+03 eff:26.2% logz-ratio=183.02+/-0.08 dlogz:109.688>0.1]

391it [01:37, 11.54it/s, bound:0 nc: 1 ncall:1.5e+03 eff:26.3% logz-ratio=183.12+/-0.08 dlogz:109.587>0.1]

393it [01:38, 10.88it/s, bound:0 nc: 2 ncall:1.5e+03 eff:26.4% logz-ratio=183.22+/-0.08 dlogz:109.486>0.1]

395it [01:38, 10.52it/s, bound:0 nc: 1 ncall:1.5e+03 eff:26.5% logz-ratio=183.33+/-0.08 dlogz:109.382>0.1]

397it [01:38, 9.37it/s, bound:0 nc: 3 ncall:1.5e+03 eff:26.5% logz-ratio=183.43+/-0.08 dlogz:109.274>0.1]

399it [01:38, 8.73it/s, bound:0 nc: 3 ncall:1.5e+03 eff:26.6% logz-ratio=183.53+/-0.08 dlogz:109.173>0.1]

400it [01:39, 8.19it/s, bound:0 nc: 2 ncall:1.5e+03 eff:26.6% logz-ratio=183.57+/-0.08 dlogz:109.125>0.1]

402it [01:39, 9.32it/s, bound:0 nc: 1 ncall:1.5e+03 eff:26.7% logz-ratio=183.66+/-0.08 dlogz:109.034>0.1]

404it [01:39, 9.45it/s, bound:0 nc: 2 ncall:1.5e+03 eff:26.8% logz-ratio=183.74+/-0.08 dlogz:108.947>0.1]

406it [01:39, 8.75it/s, bound:0 nc: 2 ncall:1.5e+03 eff:26.9% logz-ratio=183.82+/-0.08 dlogz:108.866>0.1]

407it [01:39, 8.08it/s, bound:0 nc: 2 ncall:1.5e+03 eff:26.9% logz-ratio=183.86+/-0.08 dlogz:108.826>0.1]

409it [01:39, 9.21it/s, bound:0 nc: 1 ncall:1.5e+03 eff:27.0% logz-ratio=183.94+/-0.08 dlogz:108.741>0.1]

```
411it [01:40, 10.27it/s, bound:0 nc:  1 ncall:1.5e+03 eff:27.1% logz-
ratio=184.03+/-0.08 dlogz:108.654>0.1]

413it [01:40, 11.13it/s, bound:0 nc:  1 ncall:1.5e+03 eff:27.2% logz-
ratio=184.11+/-0.08 dlogz:108.568>0.1]

415it [01:40, 10.67it/s, bound:0 nc:  2 ncall:1.5e+03 eff:27.2% logz-
ratio=184.19+/-0.08 dlogz:108.484>0.1]

417it [01:40, 10.36it/s, bound:0 nc:  1 ncall:1.5e+03 eff:27.3% logz-
ratio=184.27+/-0.08 dlogz:108.402>0.1]

419it [01:40, 11.19it/s, bound:0 nc:  1 ncall:1.5e+03 eff:27.4% logz-
ratio=184.35+/-0.08 dlogz:108.322>0.1]

421it [01:40, 11.89it/s, bound:0 nc:  1 ncall:1.5e+03 eff:27.5% logz-
ratio=184.42+/-0.08 dlogz:108.244>0.1]

423it [01:41, 10.01it/s, bound:0 nc:  1 ncall:1.5e+03 eff:27.6% logz-
ratio=184.50+/-0.08 dlogz:108.168>0.1]

425it [01:41, 10.00it/s, bound:0 nc:  2 ncall:1.5e+03 eff:27.7% logz-
ratio=184.57+/-0.08 dlogz:108.092>0.1]

427it [01:41,  9.09it/s, bound:0 nc:  3 ncall:1.5e+03 eff:27.7% logz-
ratio=184.64+/-0.08 dlogz:108.020>0.1]

428it [01:41,  8.20it/s, bound:0 nc:  2 ncall:1.5e+03 eff:27.7% logz-
ratio=184.67+/-0.08 dlogz:107.986>0.1]

429it [01:42,  6.75it/s, bound:0 nc:  3 ncall:1.5e+03 eff:27.7% logz-
ratio=184.70+/-0.08 dlogz:107.951>0.1]

431it [01:42,  7.97it/s, bound:0 nc:  1 ncall:1.5e+03 eff:27.8% logz-
ratio=184.77+/-0.08 dlogz:107.881>0.1]

432it [01:42,  7.62it/s, bound:0 nc:  2 ncall:1.6e+03 eff:27.9% logz-
ratio=184.80+/-0.08 dlogz:107.847>0.1]

433it [01:42,  7.40it/s, bound:0 nc:  2 ncall:1.6e+03 eff:27.9% logz-
ratio=184.84+/-0.08 dlogz:107.813>0.1]

435it [01:42,  8.58it/s, bound:0 nc:  1 ncall:1.6e+03 eff:28.0% logz-
ratio=184.91+/-0.08 dlogz:107.745>0.1]

437it [01:42,  9.54it/s, bound:0 nc:  1 ncall:1.6e+03 eff:28.1% logz-
ratio=184.98+/-0.08 dlogz:107.672>0.1]
```

```
439it [01:43,  9.39it/s, bound:0 nc:  1 ncall:1.6e+03 eff:28.2% logz-
ratio=185.05+/-0.08 dlogz:107.600>0.1]

441it [01:43,  9.34it/s, bound:0 nc:  2 ncall:1.6e+03 eff:28.2% logz-
ratio=185.11+/-0.08 dlogz:107.529>0.1]

442it [01:43,  7.32it/s, bound:0 nc:  3 ncall:1.6e+03 eff:28.2% logz-
ratio=185.15+/-0.08 dlogz:107.494>0.1]

444it [01:43,  7.94it/s, bound:0 nc:  2 ncall:1.6e+03 eff:28.3% logz-
ratio=185.22+/-0.08 dlogz:107.422>0.1]

446it [01:43,  9.12it/s, bound:0 nc:  1 ncall:1.6e+03 eff:28.4% logz-
ratio=185.29+/-0.08 dlogz:107.350>0.1]

448it [01:44,  9.30it/s, bound:0 nc:  2 ncall:1.6e+03 eff:28.5% logz-
ratio=185.36+/-0.08 dlogz:107.279>0.1]

450it [01:44, 10.31it/s, bound:0 nc:  1 ncall:1.6e+03 eff:28.6% logz-
ratio=185.44+/-0.08 dlogz:107.200>0.1]

452it [01:44,  7.87it/s, bound:0 nc:  2 ncall:1.6e+03 eff:28.6% logz-
ratio=185.53+/-0.08 dlogz:107.110>0.1]

453it [01:44,  7.62it/s, bound:0 nc:  2 ncall:1.6e+03 eff:28.6% logz-
ratio=185.57+/-0.08 dlogz:107.066>0.1]

454it [01:44,  7.51it/s, bound:0 nc:  2 ncall:1.6e+03 eff:28.6% logz-
ratio=185.62+/-0.08 dlogz:107.022>0.1]

456it [01:45,  8.00it/s, bound:0 nc:  2 ncall:1.6e+03 eff:28.7% logz-
ratio=185.70+/-0.08 dlogz:106.938>0.1]

458it [01:45,  7.24it/s, bound:0 nc:  4 ncall:1.6e+03 eff:28.8% logz-
ratio=185.78+/-0.08 dlogz:106.854>0.1]

459it [01:45,  6.31it/s, bound:0 nc:  3 ncall:1.6e+03 eff:28.8% logz-
ratio=185.82+/-0.08 dlogz:106.811>0.1]

460it [01:45,  6.49it/s, bound:0 nc:  2 ncall:1.6e+03 eff:28.8% logz-
ratio=185.87+/-0.08 dlogz:106.767>0.1]

462it [01:45,  7.63it/s, bound:0 nc:  1 ncall:1.6e+03 eff:28.9% logz-
ratio=185.95+/-0.08 dlogz:106.678>0.1]

464it [01:46,  8.77it/s, bound:0 nc:  1 ncall:1.6e+03 eff:29.0% logz-
ratio=186.04+/-0.08 dlogz:106.592>0.1]
```

466it [01:46, 8.96it/s, bound:0 nc: 2 ncall:1.6e+03 eff:29.0% logz-ratio=186.13+/-0.08 dlogz:106.503>0.1]

468it [01:46, 9.98it/s, bound:0 nc: 1 ncall:1.6e+03 eff:29.1% logz-ratio=186.22+/-0.08 dlogz:106.412>0.1]

470it [01:46, 8.36it/s, bound:0 nc: 3 ncall:1.6e+03 eff:29.2% logz-ratio=186.33+/-0.08 dlogz:106.302>0.1]

472it [01:46, 9.52it/s, bound:0 nc: 1 ncall:1.6e+03 eff:29.2% logz-ratio=186.43+/-0.08 dlogz:106.196>0.1]

474it [01:47, 8.12it/s, bound:0 nc: 1 ncall:1.6e+03 eff:29.3% logz-ratio=186.55+/-0.08 dlogz:106.087>0.1]

476it [01:47, 9.24it/s, bound:0 nc: 1 ncall:1.6e+03 eff:29.4% logz-ratio=186.66+/-0.08 dlogz:105.971>0.1]

478it [01:47, 8.63it/s, bound:0 nc: 1 ncall:1.6e+03 eff:29.4% logz-ratio=186.77+/-0.08 dlogz:105.859>0.1]

480it [01:47, 9.77it/s, bound:0 nc: 1 ncall:1.6e+03 eff:29.5% logz-ratio=186.87+/-0.08 dlogz:105.752>0.1]

482it [01:47, 9.74it/s, bound:0 nc: 2 ncall:1.6e+03 eff:29.6% logz-ratio=186.97+/-0.08 dlogz:105.649>0.1]

484it [01:48, 7.57it/s, bound:0 nc: 3 ncall:1.6e+03 eff:29.6% logz-ratio=187.07+/-0.08 dlogz:105.546>0.1]

485it [01:48, 7.34it/s, bound:0 nc: 2 ncall:1.6e+03 eff:29.6% logz-ratio=187.12+/-0.08 dlogz:105.497>0.1]

487it [01:48, 8.54it/s, bound:0 nc: 1 ncall:1.6e+03 eff:29.7% logz-ratio=187.22+/-0.08 dlogz:105.399>0.1]

488it [01:48, 8.11it/s, bound:0 nc: 2 ncall:1.6e+03 eff:29.7% logz-ratio=187.27+/-0.08 dlogz:105.346>0.1]

489it [01:48, 6.76it/s, bound:0 nc: 3 ncall:1.6e+03 eff:29.7% logz-ratio=187.32+/-0.08 dlogz:105.293>0.1]

491it [01:49, 7.15it/s, bound:0 nc: 2 ncall:1.6e+03 eff:29.8% logz-ratio=187.42+/-0.08 dlogz:106.418>0.1]

493it [01:49, 8.37it/s, bound:0 nc: 1 ncall:1.6e+03 eff:29.9% logz-ratio=187.52+/-0.08 dlogz:106.317>0.1]

```
495it [01:49,  8.77it/s, bound:0 nc:  2 ncall:1.7e+03 eff:29.9% logz-
ratio=187.61+/-0.08 dlogz:106.220>0.1]

497it [01:49,  8.38it/s, bound:0 nc:  3 ncall:1.7e+03 eff:30.0% logz-
ratio=187.70+/-0.08 dlogz:106.126>0.1]

498it [01:49,  7.82it/s, bound:0 nc:  2 ncall:1.7e+03 eff:30.0% logz-
ratio=187.75+/-0.08 dlogz:106.081>0.1]

500it [01:50,  9.06it/s, bound:0 nc:  1 ncall:1.7e+03 eff:30.1% logz-
ratio=187.84+/-0.08 dlogz:105.990>0.1]

502it [01:50,  8.42it/s, bound:0 nc:  3 ncall:1.7e+03 eff:30.2% logz-
ratio=187.92+/-0.08 dlogz:105.900>0.1]

504it [01:50,  9.62it/s, bound:0 nc:  1 ncall:1.7e+03 eff:30.2% logz-
ratio=188.01+/-0.08 dlogz:105.813>0.1]

506it [01:50, 10.54it/s, bound:0 nc:  1 ncall:1.7e+03 eff:30.3% logz-
ratio=188.09+/-0.08 dlogz:105.726>0.1]

508it [01:50, 11.29it/s, bound:0 nc:  1 ncall:1.7e+03 eff:30.4% logz-
ratio=188.18+/-0.08 dlogz:105.639>0.1]

510it [01:50, 11.83it/s, bound:0 nc:  1 ncall:1.7e+03 eff:30.5% logz-
ratio=188.26+/-0.08 dlogz:105.551>0.1]

512it [01:51, 10.00it/s, bound:0 nc:  3 ncall:1.7e+03 eff:30.5% logz-
ratio=188.34+/-0.08 dlogz:105.467>0.1]

514it [01:51,  9.83it/s, bound:0 nc:  2 ncall:1.7e+03 eff:30.6% logz-
ratio=188.43+/-0.08 dlogz:105.381>0.1]

516it [01:51,  9.82it/s, bound:0 nc:  2 ncall:1.7e+03 eff:30.7% logz-
ratio=188.51+/-0.08 dlogz:105.294>0.1]

518it [01:52,  7.11it/s, bound:0 nc:  3 ncall:1.7e+03 eff:30.7% logz-
ratio=188.60+/-0.08 dlogz:105.204>0.1]

519it [01:52,  5.58it/s, bound:0 nc:  4 ncall:1.7e+03 eff:30.6% logz-
ratio=188.64+/-0.08 dlogz:105.160>0.1]

521it [01:52,  6.83it/s, bound:0 nc:  1 ncall:1.7e+03 eff:30.7% logz-
ratio=188.73+/-0.08 dlogz:105.074>0.1]

522it [01:52,  6.85it/s, bound:0 nc:  2 ncall:1.7e+03 eff:30.7% logz-
ratio=188.77+/-0.08 dlogz:105.031>0.1]
```

```
524it [01:52,  8.08it/s, bound:0 nc:  1 ncall:1.7e+03 eff:30.8% logz-
ratio=188.85+/-0.08 dlogz:104.948>0.1]

526it [01:53,  7.30it/s, bound:0 nc:  4 ncall:1.7e+03 eff:30.9% logz-
ratio=188.93+/-0.08 dlogz:104.864>0.1]

527it [01:53,  6.32it/s, bound:0 nc:  3 ncall:1.7e+03 eff:30.9% logz-
ratio=188.97+/-0.08 dlogz:104.822>0.1]

529it [01:53,  7.56it/s, bound:0 nc:  1 ncall:1.7e+03 eff:30.9% logz-
ratio=189.07+/-0.08 dlogz:104.734>0.1]

531it [01:53,  7.54it/s, bound:0 nc:  3 ncall:1.7e+03 eff:31.0% logz-
ratio=189.16+/-0.08 dlogz:104.635>0.1]

532it [01:54,  5.80it/s, bound:0 nc:  4 ncall:1.7e+03 eff:31.0% logz-
ratio=189.21+/-0.08 dlogz:104.587>0.1]

534it [01:54,  7.05it/s, bound:0 nc:  1 ncall:1.7e+03 eff:31.0% logz-
ratio=189.30+/-0.08 dlogz:104.491>0.1]

535it [01:54,  7.08it/s, bound:0 nc:  2 ncall:1.7e+03 eff:31.1% logz-
ratio=189.35+/-0.08 dlogz:104.442>0.1]

536it [01:54,  6.23it/s, bound:0 nc:  3 ncall:1.7e+03 eff:31.1% logz-
ratio=189.40+/-0.08 dlogz:104.391>0.1]

537it [01:54,  5.75it/s, bound:0 nc:  3 ncall:1.7e+03 eff:31.1% logz-
ratio=189.45+/-0.08 dlogz:104.342>0.1]

539it [01:54,  6.97it/s, bound:0 nc:  1 ncall:1.7e+03 eff:31.2% logz-
ratio=189.54+/-0.08 dlogz:104.245>0.1]

540it [01:55,  6.15it/s, bound:0 nc:  3 ncall:1.7e+03 eff:31.2% logz-
ratio=189.59+/-0.08 dlogz:104.198>0.1]

541it [01:55,  6.32it/s, bound:0 nc:  2 ncall:1.7e+03 eff:31.2% logz-
ratio=189.63+/-0.08 dlogz:104.152>0.1]

542it [01:55,  6.48it/s, bound:0 nc:  2 ncall:1.7e+03 eff:31.2% logz-
ratio=189.68+/-0.08 dlogz:104.106>0.1]

543it [01:55,  6.63it/s, bound:0 nc:  2 ncall:1.7e+03 eff:31.2% logz-
ratio=189.73+/-0.08 dlogz:104.058>0.1]

545it [01:55,  7.74it/s, bound:0 nc:  1 ncall:1.7e+03 eff:31.3% logz-
ratio=189.82+/-0.08 dlogz:103.965>0.1]
```

547it [01:55, 8.89it/s, bound:0 nc: 1 ncall:1.7e+03 eff:31.4% logz-ratio=189.90+/-0.08 dlogz:103.874>0.1]

549it [01:56, 9.06it/s, bound:0 nc: 2 ncall:1.7e+03 eff:31.4% logz-ratio=189.99+/-0.08 dlogz:103.785>0.1]

551it [01:56, 10.21it/s, bound:0 nc: 1 ncall:1.7e+03 eff:31.5% logz-ratio=190.07+/-0.08 dlogz:103.701>0.1]

553it [01:56, 9.97it/s, bound:0 nc: 2 ncall:1.8e+03 eff:31.6% logz-ratio=190.15+/-0.08 dlogz:103.618>0.1]

555it [01:56, 9.11it/s, bound:0 nc: 3 ncall:1.8e+03 eff:31.6% logz-ratio=190.23+/-0.08 dlogz:103.536>0.1]

556it [01:56, 7.24it/s, bound:0 nc: 3 ncall:1.8e+03 eff:31.6% logz-ratio=190.27+/-0.08 dlogz:103.496>0.1]

557it [01:57, 7.19it/s, bound:0 nc: 2 ncall:1.8e+03 eff:31.6% logz-ratio=190.31+/-0.08 dlogz:103.457>0.1]

559it [01:57, 8.35it/s, bound:0 nc: 1 ncall:1.8e+03 eff:31.7% logz-ratio=190.39+/-0.08 dlogz:103.378>0.1]

560it [01:57, 7.86it/s, bound:0 nc: 2 ncall:1.8e+03 eff:31.7% logz-ratio=190.43+/-0.08 dlogz:103.336>0.1]

561it [01:57, 5.91it/s, bound:0 nc: 4 ncall:1.8e+03 eff:31.7% logz-ratio=190.47+/-0.08 dlogz:103.293>0.1]

562it [01:57, 6.25it/s, bound:0 nc: 2 ncall:1.8e+03 eff:31.8% logz-ratio=190.51+/-0.08 dlogz:103.251>0.1]

563it [01:57, 6.44it/s, bound:0 nc: 2 ncall:1.8e+03 eff:31.8% logz-ratio=190.55+/-0.08 dlogz:103.210>0.1]

564it [01:58, 5.88it/s, bound:0 nc: 3 ncall:1.8e+03 eff:31.8% logz-ratio=190.60+/-0.08 dlogz:103.165>0.1]

565it [01:58, 5.57it/s, bound:0 nc: 3 ncall:1.8e+03 eff:31.8% logz-ratio=190.65+/-0.08 dlogz:103.115>0.1]

566it [01:58, 5.91it/s, bound:0 nc: 2 ncall:1.8e+03 eff:31.8% logz-ratio=190.70+/-0.08 dlogz:103.065>0.1]

567it [01:58, 6.23it/s, bound:0 nc: 2 ncall:1.8e+03 eff:31.8% logz-ratio=190.74+/-0.08 dlogz:103.017>0.1]

```
568it [01:58,  5.36it/s, bound:0 nc:  3 ncall:1.8e+03 eff:31.8% logz-
ratio=190.79+/-0.08 dlogz:102.970>0.1]

570it [01:58,  6.56it/s, bound:0 nc:  1 ncall:1.8e+03 eff:31.9% logz-
ratio=190.87+/-0.08 dlogz:102.882>0.1]

571it [01:59,  4.87it/s, bound:0 nc:  5 ncall:1.8e+03 eff:31.9% logz-
ratio=190.91+/-0.08 dlogz:102.839>0.1]

572it [01:59,  5.34it/s, bound:0 nc:  2 ncall:1.8e+03 eff:31.9% logz-
ratio=190.96+/-0.08 dlogz:102.795>0.1]

574it [01:59,  6.56it/s, bound:0 nc:  1 ncall:1.8e+03 eff:32.0% logz-
ratio=191.04+/-0.08 dlogz:102.708>0.1]

576it [01:59,  6.37it/s, bound:0 nc:  4 ncall:1.8e+03 eff:32.0% logz-
ratio=191.13+/-0.08 dlogz:102.617>0.1]

578it [02:00,  7.58it/s, bound:0 nc:  1 ncall:1.8e+03 eff:32.1% logz-
ratio=191.22+/-0.08 dlogz:102.525>0.1]

579it [02:00,  5.20it/s, bound:0 nc:  5 ncall:1.8e+03 eff:32.0% logz-
ratio=191.27+/-0.08 dlogz:102.478>0.1]

581it [02:00,  5.72it/s, bound:0 nc:  3 ncall:1.8e+03 eff:32.1% logz-
ratio=191.41+/-0.08 dlogz:102.364>0.1]

583it [02:00,  6.96it/s, bound:0 nc:  1 ncall:1.8e+03 eff:32.1% logz-
ratio=191.55+/-0.08 dlogz:102.222>0.1]

585it [02:00,  8.15it/s, bound:0 nc:  1 ncall:1.8e+03 eff:32.2% logz-
ratio=191.69+/-0.08 dlogz:102.076>0.1]

587it [02:01,  7.40it/s, bound:0 nc:  1 ncall:1.8e+03 eff:32.2% logz-
ratio=191.83+/-0.08 dlogz:101.930>0.1]

588it [02:01,  7.34it/s, bound:0 nc:  2 ncall:1.8e+03 eff:32.3% logz-
ratio=191.89+/-0.08 dlogz:101.863>0.1]

590it [02:01,  8.61it/s, bound:0 nc:  1 ncall:1.8e+03 eff:32.3% logz-
ratio=192.01+/-0.08 dlogz:101.735>0.1]

592it [02:01,  8.20it/s, bound:0 nc:  1 ncall:1.8e+03 eff:32.4% logz-
ratio=192.13+/-0.08 dlogz:101.618>0.1]

594it [02:02,  8.57it/s, bound:0 nc:  2 ncall:1.8e+03 eff:32.4% logz-
ratio=192.23+/-0.08 dlogz:101.506>0.1]
```

```
596it [02:02,  9.75it/s, bound:0 nc:  1 ncall:1.8e+03 eff:32.5% logz-
ratio=192.34+/-0.08 dlogz:101.400>0.1]

598it [02:02, 10.68it/s, bound:0 nc:  1 ncall:1.8e+03 eff:32.6% logz-
ratio=192.44+/-0.08 dlogz:101.296>0.1]

600it [02:02, 10.41it/s, bound:0 nc:  2 ncall:1.8e+03 eff:32.6% logz-
ratio=192.55+/-0.08 dlogz:101.182>0.1]

602it [02:02, 11.17it/s, bound:0 nc:  1 ncall:1.8e+03 eff:32.7% logz-
ratio=192.66+/-0.08 dlogz:101.072>0.1]

604it [02:02,  9.77it/s, bound:0 nc:  2 ncall:1.8e+03 eff:32.7% logz-
ratio=192.76+/-0.08 dlogz:100.970>0.1]

606it [02:03, 10.81it/s, bound:0 nc:  1 ncall:1.8e+03 eff:32.8% logz-
ratio=192.86+/-0.08 dlogz:100.869>0.1]

608it [02:03, 11.58it/s, bound:0 nc:  1 ncall:1.8e+03 eff:32.9% logz-
ratio=192.95+/-0.08 dlogz:100.769>0.1]

610it [02:03,  8.99it/s, bound:0 nc:  2 ncall:1.9e+03 eff:32.9% logz-
ratio=193.05+/-0.08 dlogz:100.668>0.1]

612it [02:04,  6.78it/s, bound:0 nc:  5 ncall:1.9e+03 eff:32.9% logz-
ratio=193.15+/-0.08 dlogz:100.567>0.1]

614it [02:04,  7.00it/s, bound:0 nc:  3 ncall:1.9e+03 eff:32.9% logz-
ratio=193.25+/-0.08 dlogz:100.469>0.1]

616it [02:04,  8.17it/s, bound:0 nc:  1 ncall:1.9e+03 eff:33.0% logz-
ratio=193.34+/-0.08 dlogz:100.369>0.1]

618it [02:04,  7.97it/s, bound:0 nc:  3 ncall:1.9e+03 eff:33.0% logz-
ratio=193.45+/-0.08 dlogz:100.272>0.1]

619it [02:04,  7.69it/s, bound:0 nc:  2 ncall:1.9e+03 eff:33.0% logz-
ratio=193.51+/-0.08 dlogz:100.216>0.1]

620it [02:05,  6.57it/s, bound:0 nc:  3 ncall:1.9e+03 eff:33.0% logz-
ratio=193.56+/-0.08 dlogz:100.155>0.1]

621it [02:05,  6.02it/s, bound:0 nc:  3 ncall:1.9e+03 eff:33.0% logz-
ratio=193.62+/-0.08 dlogz:100.096>0.1]

623it [02:05,  7.24it/s, bound:0 nc:  1 ncall:1.9e+03 eff:33.1% logz-
ratio=193.73+/-0.08 dlogz:99.984>0.1]
```

```
624it [02:05, 7.22it/s, bound:0 nc:  2 ncall:1.9e+03 eff:33.1% logz-
ratio=193.78+/-0.08 dlogz:99.931>0.1]

625it [02:05, 7.17it/s, bound:0 nc:  2 ncall:1.9e+03 eff:33.2% logz-
ratio=193.83+/-0.08 dlogz:99.878>0.1]

626it [02:06, 4.64it/s, bound:0 nc:  6 ncall:1.9e+03 eff:33.1% logz-
ratio=193.88+/-0.08 dlogz:99.826>0.1]

628it [02:06, 5.22it/s, bound:0 nc:  3 ncall:1.9e+03 eff:33.1% logz-
ratio=193.97+/-0.08 dlogz:99.726>0.1]

629it [02:06, 5.61it/s, bound:0 nc:  2 ncall:1.9e+03 eff:33.2% logz-
ratio=194.02+/-0.08 dlogz:99.678>0.1]

631it [02:06, 6.85it/s, bound:0 nc:  1 ncall:1.9e+03 eff:33.2% logz-
ratio=194.11+/-0.08 dlogz:99.583>0.1]

632it [02:06, 4.96it/s, bound:0 nc:  5 ncall:1.9e+03 eff:33.2% logz-
ratio=194.16+/-0.08 dlogz:99.534>0.1]

633it [02:07, 4.94it/s, bound:0 nc:  3 ncall:1.9e+03 eff:33.2% logz-
ratio=194.20+/-0.08 dlogz:99.488>0.1]

635it [02:07, 6.10it/s, bound:0 nc:  1 ncall:1.9e+03 eff:33.3% logz-
ratio=194.29+/-0.08 dlogz:99.399>0.1]

636it [02:07, 5.67it/s, bound:0 nc:  3 ncall:1.9e+03 eff:33.3% logz-
ratio=194.33+/-0.08 dlogz:99.356>0.1]

637it [02:07, 4.90it/s, bound:0 nc:  4 ncall:1.9e+03 eff:33.2% logz-
ratio=194.37+/-0.08 dlogz:99.315>0.1]

639it [02:07, 5.75it/s, bound:0 nc:  2 ncall:1.9e+03 eff:33.3% logz-
ratio=194.46+/-0.08 dlogz:99.230>0.1]

641it [02:08, 6.17it/s, bound:0 nc:  3 ncall:1.9e+03 eff:33.3% logz-
ratio=194.56+/-0.08 dlogz:99.129>0.1]

642it [02:08, 6.39it/s, bound:0 nc:  2 ncall:1.9e+03 eff:33.4% logz-
ratio=194.61+/-0.08 dlogz:99.077>0.1]

643it [02:08, 6.56it/s, bound:0 nc:  2 ncall:1.9e+03 eff:33.4% logz-
ratio=194.67+/-0.08 dlogz:99.023>0.1]

645it [02:08, 7.80it/s, bound:0 nc:  1 ncall:1.9e+03 eff:33.4% logz-
ratio=194.77+/-0.08 dlogz:98.914>0.1]
```

```
647it [02:08,  8.97it/s, bound:0 nc:  1 ncall:1.9e+03 eff:33.5% logz-
ratio=194.88+/-0.08 dlogz:98.808>0.1]

649it [02:09,  7.84it/s, bound:0 nc:  1 ncall:1.9e+03 eff:33.5% logz-
ratio=194.98+/-0.08 dlogz:98.703>0.1]

650it [02:09,  6.66it/s, bound:0 nc:  3 ncall:1.9e+03 eff:33.5% logz-
ratio=195.03+/-0.08 dlogz:98.650>0.1]

651it [02:09,  6.71it/s, bound:0 nc:  2 ncall:1.9e+03 eff:33.5% logz-
ratio=195.09+/-0.08 dlogz:98.598>0.1]

653it [02:09,  7.94it/s, bound:0 nc:  1 ncall:1.9e+03 eff:33.6% logz-
ratio=195.20+/-0.08 dlogz:98.486>0.1]

655it [02:09,  9.09it/s, bound:0 nc:  1 ncall:1.9e+03 eff:33.7% logz-
ratio=195.32+/-0.08 dlogz:98.368>0.1]

657it [02:09,  9.96it/s, bound:0 nc:  1 ncall:1.9e+03 eff:33.7% logz-
ratio=195.43+/-0.08 dlogz:98.253>0.1]

659it [02:10,  8.96it/s, bound:0 nc:  1 ncall:2.0e+03 eff:33.8% logz-
ratio=195.54+/-0.08 dlogz:98.137>0.1]

661it [02:10, 10.09it/s, bound:0 nc:  1 ncall:2.0e+03 eff:33.8% logz-
ratio=195.65+/-0.08 dlogz:98.023>0.1]

663it [02:10, 11.07it/s, bound:0 nc:  1 ncall:2.0e+03 eff:33.9% logz-
ratio=195.76+/-0.08 dlogz:97.915>0.1]

665it [02:10, 10.65it/s, bound:0 nc:  1 ncall:2.0e+03 eff:34.0% logz-
ratio=195.87+/-0.09 dlogz:97.806>0.1]

667it [02:11,  5.83it/s, bound:0 nc: 10 ncall:2.0e+03 eff:33.9% logz-
ratio=195.97+/-0.09 dlogz:97.693>0.1]

669it [02:11,  7.09it/s, bound:0 nc:  1 ncall:2.0e+03 eff:33.9% logz-
ratio=196.08+/-0.09 dlogz:97.586>0.1]

671it [02:11,  6.31it/s, bound:0 nc:  5 ncall:2.0e+03 eff:33.9% logz-
ratio=196.18+/-0.09 dlogz:97.480>0.1]

673it [02:12,  7.07it/s, bound:0 nc:  2 ncall:2.0e+03 eff:34.0% logz-
ratio=196.28+/-0.08 dlogz:97.379>0.1]

674it [02:12,  6.23it/s, bound:0 nc:  3 ncall:2.0e+03 eff:34.0% logz-
ratio=196.33+/-0.08 dlogz:97.330>0.1]
```

676it [02:12, 7.47it/s, bound:0 nc: 1 ncall:2.0e+03 eff:34.1% logz-ratio=196.42+/-0.08 dlogz:97.232>0.1]

678it [02:12, 8.76it/s, bound:0 nc: 1 ncall:2.0e+03 eff:34.1% logz-ratio=196.51+/-0.08 dlogz:97.136>0.1]

680it [02:13, 7.19it/s, bound:0 nc: 5 ncall:2.0e+03 eff:34.1% logz-ratio=196.60+/-0.08 dlogz:97.042>0.1]

682it [02:13, 8.33it/s, bound:0 nc: 1 ncall:2.0e+03 eff:34.2% logz-ratio=196.69+/-0.08 dlogz:96.950>0.1]

684it [02:13, 8.61it/s, bound:0 nc: 1 ncall:2.0e+03 eff:34.2% logz-ratio=196.79+/-0.08 dlogz:96.856>0.1]

686it [02:13, 6.41it/s, bound:0 nc: 1 ncall:2.0e+03 eff:34.3% logz-ratio=196.88+/-0.08 dlogz:96.764>0.1]

688it [02:14, 7.66it/s, bound:0 nc: 1 ncall:2.0e+03 eff:34.3% logz-ratio=196.96+/-0.08 dlogz:96.676>0.1]

690it [02:14, 7.10it/s, bound:0 nc: 2 ncall:2.0e+03 eff:34.3% logz-ratio=197.05+/-0.08 dlogz:96.584>0.1]

692it [02:14, 8.36it/s, bound:0 nc: 1 ncall:2.0e+03 eff:34.4% logz-ratio=197.14+/-0.08 dlogz:96.493>0.1]

694it [02:14, 8.06it/s, bound:0 nc: 3 ncall:2.0e+03 eff:34.4% logz-ratio=197.24+/-0.08 dlogz:96.399>0.1]

695it [02:14, 6.65it/s, bound:0 nc: 3 ncall:2.0e+03 eff:34.4% logz-ratio=197.28+/-0.08 dlogz:96.351>0.1]

697it [02:15, 7.95it/s, bound:0 nc: 1 ncall:2.0e+03 eff:34.5% logz-ratio=197.38+/-0.08 dlogz:96.257>0.1]

699it [02:15, 5.70it/s, bound:0 nc: 8 ncall:2.0e+03 eff:34.5% logz-ratio=197.47+/-0.08 dlogz:96.158>0.1]

700it [02:15, 6.02it/s, bound:0 nc: 2 ncall:2.0e+03 eff:34.5% logz-ratio=197.52+/-0.08 dlogz:96.108>0.1]

702it [02:16, 6.35it/s, bound:0 nc: 3 ncall:2.0e+03 eff:34.5% logz-ratio=197.61+/-0.08 dlogz:96.010>0.1]

704it [02:16, 7.05it/s, bound:0 nc: 2 ncall:2.0e+03 eff:34.5% logz-ratio=197.71+/-0.08 dlogz:95.917>0.1]

```
706it [02:16,  6.73it/s, bound:0 nc:  4 ncall:2.0e+03 eff:34.6% logz-
ratio=197.80+/-0.08 dlogz:95.821>0.1]

707it [02:16,  6.87it/s, bound:0 nc:  2 ncall:2.0e+03 eff:34.6% logz-
ratio=197.85+/-0.08 dlogz:95.772>0.1]

708it [02:17,  5.46it/s, bound:0 nc:  4 ncall:2.0e+03 eff:34.6% logz-
ratio=197.90+/-0.08 dlogz:95.722>0.1]

709it [02:17,  4.79it/s, bound:0 nc:  4 ncall:2.1e+03 eff:34.5% logz-
ratio=197.96+/-0.08 dlogz:95.670>0.1]

710it [02:17,  4.13it/s, bound:0 nc:  5 ncall:2.1e+03 eff:34.5% logz-
ratio=198.01+/-0.08 dlogz:95.615>0.1]

712it [02:17,  4.76it/s, bound:0 nc:  3 ncall:2.1e+03 eff:34.5% logz-
ratio=198.12+/-0.08 dlogz:95.506>0.1]

713it [02:18,  5.24it/s, bound:0 nc:  2 ncall:2.1e+03 eff:34.5% logz-
ratio=198.17+/-0.08 dlogz:95.453>0.1]

714it [02:18,  5.73it/s, bound:0 nc:  2 ncall:2.1e+03 eff:34.6% logz-
ratio=198.22+/-0.08 dlogz:95.401>0.1]

716it [02:18,  6.96it/s, bound:0 nc:  1 ncall:2.1e+03 eff:34.6% logz-
ratio=198.32+/-0.08 dlogz:95.296>0.1]

717it [02:18,  7.01it/s, bound:0 nc:  2 ncall:2.1e+03 eff:34.6% logz-
ratio=198.37+/-0.08 dlogz:95.244>0.1]

718it [02:18,  6.93it/s, bound:0 nc:  2 ncall:2.1e+03 eff:34.7% logz-
ratio=198.42+/-0.08 dlogz:95.194>0.1]

720it [02:18,  8.19it/s, bound:0 nc:  1 ncall:2.1e+03 eff:34.7% logz-
ratio=198.51+/-0.08 dlogz:95.098>0.1]

722it [02:18,  9.32it/s, bound:0 nc:  1 ncall:2.1e+03 eff:34.8% logz-
ratio=198.60+/-0.08 dlogz:95.004>0.1]

724it [02:19,  6.91it/s, bound:0 nc:  4 ncall:2.1e+03 eff:34.8% logz-
ratio=198.68+/-0.08 dlogz:94.917>0.1]

725it [02:19,  6.94it/s, bound:0 nc:  2 ncall:2.1e+03 eff:34.8% logz-
ratio=198.72+/-0.08 dlogz:94.875>0.1]

726it [02:19,  6.98it/s, bound:0 nc:  2 ncall:2.1e+03 eff:34.8% logz-
ratio=198.76+/-0.08 dlogz:94.834>0.1]
```

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728it [02:19,  7.13it/s, bound:0 nc:  3 ncall:2.1e+03 eff:34.8% logz-
ratio=198.84+/-0.08 dlogz:94.753>0.1]

729it [02:20,  7.14it/s, bound:0 nc:  2 ncall:2.1e+03 eff:34.8% logz-
ratio=198.88+/-0.08 dlogz:94.711>0.1]

730it [02:20,  6.28it/s, bound:0 nc:  3 ncall:2.1e+03 eff:34.8% logz-
ratio=198.92+/-0.08 dlogz:94.669>0.1]

731it [02:20,  6.40it/s, bound:0 nc:  2 ncall:2.1e+03 eff:34.8% logz-
ratio=198.96+/-0.08 dlogz:94.629>0.1]

733it [02:20,  7.65it/s, bound:0 nc:  1 ncall:2.1e+03 eff:34.9% logz-
ratio=199.04+/-0.08 dlogz:94.545>0.1]

734it [02:20,  7.50it/s, bound:0 nc:  2 ncall:2.1e+03 eff:34.9% logz-
ratio=199.08+/-0.08 dlogz:94.504>0.1]

735it [02:21,  5.20it/s, bound:0 nc:  5 ncall:2.1e+03 eff:34.9% logz-
ratio=199.12+/-0.08 dlogz:94.464>0.1]

737it [02:21,  6.42it/s, bound:0 nc:  1 ncall:2.1e+03 eff:34.9% logz-
ratio=199.20+/-0.08 dlogz:94.383>0.1]

738it [02:21,  3.79it/s, bound:0 nc:  8 ncall:2.1e+03 eff:34.9% logz-
ratio=199.24+/-0.08 dlogz:94.342>0.1]

739it [02:21,  4.41it/s, bound:0 nc:  2 ncall:2.1e+03 eff:34.9% logz-
ratio=199.28+/-0.08 dlogz:94.304>0.1]

740it [02:22,  4.52it/s, bound:0 nc:  3 ncall:2.1e+03 eff:34.9% logz-
ratio=199.31+/-0.08 dlogz:94.265>0.1]

742it [02:22,  5.11it/s, bound:0 nc:  3 ncall:2.1e+03 eff:34.9% logz-
ratio=199.39+/-0.08 dlogz:94.189>0.1]

744it [02:22,  5.64it/s, bound:0 nc:  3 ncall:2.1e+03 eff:34.9% logz-
ratio=199.46+/-0.08 dlogz:94.112>0.1]

745it [02:22,  5.91it/s, bound:0 nc:  2 ncall:2.1e+03 eff:34.9% logz-
ratio=199.50+/-0.08 dlogz:94.073>0.1]

746it [02:22,  5.53it/s, bound:0 nc:  3 ncall:2.1e+03 eff:34.9% logz-
ratio=199.54+/-0.08 dlogz:94.033>0.1]

748it [02:23,  6.74it/s, bound:0 nc:  1 ncall:2.1e+03 eff:35.0% logz-
ratio=199.62+/-0.08 dlogz:93.950>0.1]
```

```
749it [02:23,  6.06it/s, bound:0 nc:  3 ncall:2.1e+03 eff:35.0% logz-
ratio=199.67+/-0.08 dlogz:93.908>0.1]

750it [02:23,  6.35it/s, bound:0 nc:  2 ncall:2.1e+03 eff:35.0% logz-
ratio=199.71+/-0.08 dlogz:93.866>0.1]

751it [02:23,  6.56it/s, bound:0 nc:  2 ncall:2.1e+03 eff:35.0% logz-
ratio=199.75+/-0.08 dlogz:93.824>0.1]

752it [02:23,  6.04it/s, bound:0 nc:  3 ncall:2.1e+03 eff:35.0% logz-
ratio=199.79+/-0.08 dlogz:93.783>0.1]

753it [02:23,  6.31it/s, bound:0 nc:  2 ncall:2.1e+03 eff:35.0% logz-
ratio=199.84+/-0.08 dlogz:93.738>0.1]

754it [02:24,  6.52it/s, bound:0 nc:  2 ncall:2.2e+03 eff:35.1% logz-
ratio=199.88+/-0.08 dlogz:93.692>0.1]

756it [02:24,  7.20it/s, bound:0 nc:  2 ncall:2.2e+03 eff:35.1% logz-
ratio=199.97+/-0.08 dlogz:93.597>0.1]

758it [02:24,  7.83it/s, bound:0 nc:  2 ncall:2.2e+03 eff:35.1% logz-
ratio=200.06+/-0.08 dlogz:93.506>0.1]

760it [02:24,  7.65it/s, bound:0 nc:  3 ncall:2.2e+03 eff:35.2% logz-
ratio=200.15+/-0.08 dlogz:93.416>0.1]

761it [02:24,  7.37it/s, bound:0 nc:  2 ncall:2.2e+03 eff:35.2% logz-
ratio=200.19+/-0.08 dlogz:93.370>0.1]

763it [02:25,  8.60it/s, bound:0 nc:  1 ncall:2.2e+03 eff:35.2% logz-
ratio=200.28+/-0.08 dlogz:93.280>0.1]

764it [02:25,  6.08it/s, bound:0 nc:  4 ncall:2.2e+03 eff:35.2% logz-
ratio=200.32+/-0.08 dlogz:93.236>0.1]

766it [02:25,  5.06it/s, bound:0 nc:  7 ncall:2.2e+03 eff:35.2% logz-
ratio=200.41+/-0.08 dlogz:93.147>0.1]

768it [02:26,  6.24it/s, bound:0 nc:  1 ncall:2.2e+03 eff:35.2% logz-
ratio=200.50+/-0.08 dlogz:93.060>0.1]

770it [02:26,  6.97it/s, bound:0 nc:  2 ncall:2.2e+03 eff:35.3% logz-
ratio=200.59+/-0.08 dlogz:92.966>0.1]

771it [02:26,  5.56it/s, bound:0 nc:  4 ncall:2.2e+03 eff:35.3% logz-
ratio=200.64+/-0.08 dlogz:92.919>0.1]
```

773it [02:26, 6.80it/s, bound:0 nc: 1 ncall:2.2e+03 eff:35.3% logz-ratio=200.73+/-0.08 dlogz:92.826>0.1]

774it [02:26, 6.93it/s, bound:0 nc: 2 ncall:2.2e+03 eff:35.3% logz-ratio=200.77+/-0.08 dlogz:92.781>0.1]

776it [02:26, 8.16it/s, bound:0 nc: 1 ncall:2.2e+03 eff:35.4% logz-ratio=200.86+/-0.08 dlogz:92.687>0.1]

778it [02:27, 9.03it/s, bound:0 nc: 1 ncall:2.2e+03 eff:35.5% logz-ratio=200.95+/-0.08 dlogz:92.595>0.1]

780it [02:27, 10.06it/s, bound:0 nc: 1 ncall:2.2e+03 eff:35.5% logz-ratio=201.04+/-0.08 dlogz:92.507>0.1]

782it [02:27, 9.04it/s, bound:0 nc: 3 ncall:2.2e+03 eff:35.5% logz-ratio=201.12+/-0.08 dlogz:92.422>0.1]

784it [02:27, 8.25it/s, bound:0 nc: 1 ncall:2.2e+03 eff:35.6% logz-ratio=201.20+/-0.08 dlogz:92.335>0.1]

785it [02:28, 5.76it/s, bound:0 nc: 4 ncall:2.2e+03 eff:35.6% logz-ratio=201.24+/-0.08 dlogz:92.293>0.1]

786it [02:28, 6.15it/s, bound:0 nc: 2 ncall:2.2e+03 eff:35.6% logz-ratio=201.29+/-0.08 dlogz:92.250>0.1]

787it [02:28, 6.38it/s, bound:0 nc: 2 ncall:2.2e+03 eff:35.6% logz-ratio=201.33+/-0.08 dlogz:92.207>0.1]

789it [02:28, 6.90it/s, bound:0 nc: 2 ncall:2.2e+03 eff:35.6% logz-ratio=201.42+/-0.08 dlogz:92.117>0.1]

790it [02:28, 6.19it/s, bound:0 nc: 3 ncall:2.2e+03 eff:35.6% logz-ratio=201.46+/-0.08 dlogz:92.072>0.1]

791it [02:29, 5.49it/s, bound:0 nc: 3 ncall:2.2e+03 eff:35.6% logz-ratio=201.51+/-0.08 dlogz:92.027>0.1]

792it [02:29, 5.62it/s, bound:0 nc: 2 ncall:2.2e+03 eff:35.6% logz-ratio=201.55+/-0.08 dlogz:91.982>0.1]

793it [02:29, 5.00it/s, bound:0 nc: 3 ncall:2.2e+03 eff:35.6% logz-ratio=201.59+/-0.08 dlogz:91.939>0.1]

794it [02:29, 4.75it/s, bound:0 nc: 3 ncall:2.2e+03 eff:35.6% logz-ratio=201.63+/-0.08 dlogz:91.896>0.1]

```
795it [02:29,  5.05it/s, bound:0 nc:  2 ncall:2.2e+03 eff:35.6% logz-
ratio=201.67+/-0.08 dlogz:91.853>0.1]

796it [02:30,  4.80it/s, bound:0 nc:  3 ncall:2.2e+03 eff:35.6% logz-
ratio=201.72+/-0.08 dlogz:91.810>0.1]

797it [02:30,  5.09it/s, bound:0 nc:  2 ncall:2.2e+03 eff:35.6% logz-
ratio=201.76+/-0.08 dlogz:91.768>0.1]

798it [02:30,  5.30it/s, bound:0 nc:  2 ncall:2.2e+03 eff:35.7% logz-
ratio=201.80+/-0.08 dlogz:91.726>0.1]

799it [02:30,  5.72it/s, bound:0 nc:  2 ncall:2.2e+03 eff:35.7% logz-
ratio=201.84+/-0.08 dlogz:91.684>0.1]

800it [02:30,  4.54it/s, bound:0 nc:  4 ncall:2.2e+03 eff:35.7% logz-
ratio=201.88+/-0.08 dlogz:91.642>0.1]

801it [02:31,  3.98it/s, bound:0 nc:  4 ncall:2.2e+03 eff:35.6% logz-
ratio=201.92+/-0.08 dlogz:91.602>0.1]

803it [02:31,  4.95it/s, bound:0 nc:  1 ncall:2.2e+03 eff:35.7% logz-
ratio=201.99+/-0.08 dlogz:91.523>0.1]

805it [02:31,  5.27it/s, bound:0 nc:  3 ncall:2.3e+03 eff:35.7% logz-
ratio=202.07+/-0.08 dlogz:91.446>0.1]

807it [02:32,  4.68it/s, bound:0 nc:  6 ncall:2.3e+03 eff:35.7% logz-
ratio=202.14+/-0.08 dlogz:91.372>0.1]

808it [02:32,  4.97it/s, bound:0 nc:  2 ncall:2.3e+03 eff:35.7% logz-
ratio=202.17+/-0.08 dlogz:91.336>0.1]

809it [02:32,  4.22it/s, bound:0 nc:  4 ncall:2.3e+03 eff:35.7% logz-
ratio=202.21+/-0.08 dlogz:91.301>0.1]

810it [02:33,  2.99it/s, bound:0 nc:  7 ncall:2.3e+03 eff:35.6% logz-
ratio=202.24+/-0.08 dlogz:91.265>0.1]

811it [02:33,  2.87it/s, bound:0 nc:  5 ncall:2.3e+03 eff:35.6% logz-
ratio=202.27+/-0.08 dlogz:91.230>0.1]

812it [02:33,  3.20it/s, bound:0 nc:  3 ncall:2.3e+03 eff:35.6% logz-
ratio=202.31+/-0.08 dlogz:91.195>0.1]

814it [02:34,  3.98it/s, bound:0 nc:  2 ncall:2.3e+03 eff:35.6% logz-
ratio=202.38+/-0.08 dlogz:91.124>0.1]
```

```
815it [02:34,  4.56it/s, bound:0 nc:  2 ncall:2.3e+03 eff:35.6% logz-
ratio=202.42+/-0.08 dlogz:91.086>0.1]

817it [02:34,  4.51it/s, bound:0 nc:  5 ncall:2.3e+03 eff:35.6% logz-
ratio=202.51+/-0.08 dlogz:91.002>0.1]

818it [02:35,  4.08it/s, bound:0 nc:  4 ncall:2.3e+03 eff:35.6% logz-
ratio=202.55+/-0.08 dlogz:90.956>0.1]

820it [02:35,  4.93it/s, bound:0 nc:  2 ncall:2.3e+03 eff:35.7% logz-
ratio=202.64+/-0.08 dlogz:90.867>0.1]

822it [02:35,  6.05it/s, bound:0 nc:  1 ncall:2.3e+03 eff:35.7% logz-
ratio=202.72+/-0.08 dlogz:90.777>0.1]

824it [02:35,  6.41it/s, bound:0 nc:  3 ncall:2.3e+03 eff:35.7% logz-
ratio=202.81+/-0.08 dlogz:90.691>0.1]

825it [02:36,  4.39it/s, bound:0 nc:  6 ncall:2.3e+03 eff:35.7% logz-
ratio=202.85+/-0.08 dlogz:90.646>0.1]

826it [02:36,  4.94it/s, bound:0 nc:  2 ncall:2.3e+03 eff:35.7% logz-
ratio=202.90+/-0.08 dlogz:90.601>0.1]

827it [02:36,  5.41it/s, bound:0 nc:  2 ncall:2.3e+03 eff:35.7% logz-
ratio=202.95+/-0.08 dlogz:90.553>0.1]

828it [02:36,  3.35it/s, bound:0 nc:  6 ncall:2.3e+03 eff:35.7% logz-
ratio=203.00+/-0.08 dlogz:90.503>0.1]

830it [02:37,  4.10it/s, bound:0 nc:  2 ncall:2.3e+03 eff:35.7% logz-
ratio=203.09+/-0.08 dlogz:90.405>0.1]

832it [02:37,  5.19it/s, bound:0 nc:  1 ncall:2.3e+03 eff:35.8% logz-
ratio=203.19+/-0.08 dlogz:90.308>0.1]

833it [02:37,  6.03it/s, bound:0 nc:  1 ncall:2.3e+03 eff:35.8% logz-
ratio=203.23+/-0.08 dlogz:90.262>0.1]

835it [02:37,  6.63it/s, bound:0 nc:  2 ncall:2.3e+03 eff:35.8% logz-
ratio=203.33+/-0.08 dlogz:90.166>0.1]

836it [02:38,  4.32it/s, bound:0 nc:  6 ncall:2.3e+03 eff:35.8% logz-
ratio=203.38+/-0.08 dlogz:90.117>0.1]

837it [02:38,  4.66it/s, bound:0 nc:  2 ncall:2.3e+03 eff:35.8% logz-
ratio=203.42+/-0.08 dlogz:90.067>0.1]
```

838it [02:38, 4.56it/s, bound:0 nc: 3 ncall:2.3e+03 eff:35.8% logz-ratio=203.47+/-0.08 dlogz:90.018>0.1]

840it [02:38, 4.54it/s, bound:0 nc: 5 ncall:2.3e+03 eff:35.8% logz-ratio=203.58+/-0.09 dlogz:89.918>0.1]

842it [02:39, 4.70it/s, bound:0 nc: 5 ncall:2.4e+03 eff:35.8% logz-ratio=203.68+/-0.09 dlogz:89.813>0.1]

844it [02:39, 5.26it/s, bound:0 nc: 3 ncall:2.4e+03 eff:35.8% logz-ratio=203.78+/-0.09 dlogz:89.710>0.1]

845it [02:39, 5.68it/s, bound:0 nc: 2 ncall:2.4e+03 eff:35.8% logz-ratio=203.82+/-0.09 dlogz:89.661>0.1]

846it [02:39, 5.98it/s, bound:0 nc: 2 ncall:2.4e+03 eff:35.8% logz-ratio=203.87+/-0.09 dlogz:89.612>0.1]

848it [02:39, 7.19it/s, bound:0 nc: 1 ncall:2.4e+03 eff:35.9% logz-ratio=203.97+/-0.09 dlogz:89.513>0.1]

849it [02:40, 5.36it/s, bound:0 nc: 4 ncall:2.4e+03 eff:35.9% logz-ratio=204.01+/-0.09 dlogz:89.466>0.1]

851it [02:40, 6.57it/s, bound:0 nc: 1 ncall:2.4e+03 eff:35.9% logz-ratio=204.11+/-0.09 dlogz:89.372>0.1]

852it [02:40, 7.21it/s, bound:0 nc: 1 ncall:2.4e+03 eff:35.9% logz-ratio=204.15+/-0.09 dlogz:89.323>0.1]

853it [02:40, 5.38it/s, bound:0 nc: 4 ncall:2.4e+03 eff:35.9% logz-ratio=204.20+/-0.09 dlogz:89.274>0.1]

854it [02:41, 3.54it/s, bound:0 nc: 7 ncall:2.4e+03 eff:35.9% logz-ratio=204.25+/-0.09 dlogz:89.226>0.1]

855it [02:41, 3.99it/s, bound:0 nc: 2 ncall:2.4e+03 eff:35.9% logz-ratio=204.29+/-0.09 dlogz:89.179>0.1]

856it [02:41, 4.10it/s, bound:0 nc: 3 ncall:2.4e+03 eff:35.9% logz-ratio=204.34+/-0.09 dlogz:89.132>0.1]

858it [02:42, 4.41it/s, bound:0 nc: 4 ncall:2.4e+03 eff:35.9% logz-ratio=204.43+/-0.09 dlogz:89.039>0.1]

859it [02:42, 4.83it/s, bound:0 nc: 2 ncall:2.4e+03 eff:35.9% logz-ratio=204.47+/-0.09 dlogz:88.993>0.1]

```
860it [02:42,  5.11it/s, bound:0 nc:  2 ncall:2.4e+03 eff:35.9% logz-
ratio=204.52+/-0.09 dlogz:88.948>0.1]

861it [02:42,  3.66it/s, bound:0 nc:  6 ncall:2.4e+03 eff:35.8% logz-
ratio=204.56+/-0.09 dlogz:88.904>0.1]

863it [02:43,  3.73it/s, bound:0 nc:  6 ncall:2.4e+03 eff:35.8% logz-
ratio=204.64+/-0.09 dlogz:88.820>0.1]

864it [02:43,  4.33it/s, bound:0 nc:  2 ncall:2.4e+03 eff:35.8% logz-
ratio=204.68+/-0.09 dlogz:88.780>0.1]

865it [02:44,  2.72it/s, bound:0 nc:  8 ncall:2.4e+03 eff:35.8% logz-
ratio=204.71+/-0.09 dlogz:88.741>0.1]

866it [02:44,  2.73it/s, bound:0 nc:  4 ncall:2.4e+03 eff:35.7% logz-
ratio=204.75+/-0.09 dlogz:88.702>0.1]

867it [02:44,  3.16it/s, bound:0 nc:  2 ncall:2.4e+03 eff:35.8% logz-
ratio=204.79+/-0.09 dlogz:88.663>0.1]

868it [02:45,  2.99it/s, bound:0 nc:  4 ncall:2.4e+03 eff:35.7% logz-
ratio=204.83+/-0.09 dlogz:88.623>0.1]

869it [02:45,  3.73it/s, bound:0 nc:  1 ncall:2.4e+03 eff:35.8% logz-
ratio=204.87+/-0.09 dlogz:88.584>0.1]

870it [02:45,  3.21it/s, bound:0 nc:  5 ncall:2.4e+03 eff:35.7% logz-
ratio=204.90+/-0.09 dlogz:88.545>0.1]

871it [02:45,  4.01it/s, bound:0 nc:  1 ncall:2.4e+03 eff:35.8% logz-
ratio=204.94+/-0.08 dlogz:88.508>0.1]

872it [02:46,  3.98it/s, bound:0 nc:  3 ncall:2.4e+03 eff:35.8% logz-
ratio=204.98+/-0.08 dlogz:88.470>0.1]

873it [02:46,  4.26it/s, bound:0 nc:  2 ncall:2.4e+03 eff:35.8% logz-
ratio=205.01+/-0.08 dlogz:88.432>0.1]

874it [02:46,  5.08it/s, bound:0 nc:  1 ncall:2.4e+03 eff:35.8% logz-
ratio=205.05+/-0.08 dlogz:88.395>0.1]

875it [02:46,  5.91it/s, bound:0 nc:  1 ncall:2.4e+03 eff:35.8% logz-
ratio=205.09+/-0.08 dlogz:88.356>0.1]

876it [02:46,  4.46it/s, bound:0 nc:  4 ncall:2.4e+03 eff:35.8% logz-
ratio=205.13+/-0.08 dlogz:88.316>0.1]
```

878it [02:47, 4.56it/s, bound:0 nc: 4 ncall:2.5e+03 eff:35.8% logz-ratio=205.21+/-0.08 dlogz:88.237>0.1]

879it [02:47, 5.40it/s, bound:0 nc: 1 ncall:2.5e+03 eff:35.8% logz-ratio=205.25+/-0.08 dlogz:88.195>0.1]

880it [02:47, 6.20it/s, bound:0 nc: 1 ncall:2.5e+03 eff:35.9% logz-ratio=205.29+/-0.08 dlogz:88.154>0.1]

881it [02:47, 5.21it/s, bound:0 nc: 3 ncall:2.5e+03 eff:35.9% logz-ratio=205.32+/-0.08 dlogz:88.115>0.1]

882it [02:47, 5.15it/s, bound:0 nc: 2 ncall:2.5e+03 eff:35.9% logz-ratio=205.36+/-0.08 dlogz:88.076>0.1]

883it [02:48, 5.94it/s, bound:0 nc: 1 ncall:2.5e+03 eff:35.9% logz-ratio=205.40+/-0.08 dlogz:88.037>0.1]

885it [02:48, 7.20it/s, bound:0 nc: 1 ncall:2.5e+03 eff:35.9% logz-ratio=205.48+/-0.08 dlogz:87.959>0.1]

886it [02:48, 7.16it/s, bound:0 nc: 2 ncall:2.5e+03 eff:36.0% logz-ratio=205.52+/-0.08 dlogz:87.919>0.1]

887it [02:48, 5.39it/s, bound:0 nc: 4 ncall:2.5e+03 eff:35.9% logz-ratio=205.56+/-0.08 dlogz:87.878>0.1]

888it [02:48, 4.43it/s, bound:0 nc: 4 ncall:2.5e+03 eff:35.9% logz-ratio=205.60+/-0.08 dlogz:87.837>0.1]

889it [02:49, 4.45it/s, bound:0 nc: 2 ncall:2.5e+03 eff:35.9% logz-ratio=205.63+/-0.08 dlogz:87.797>0.1]

890it [02:49, 4.81it/s, bound:0 nc: 2 ncall:2.5e+03 eff:35.9% logz-ratio=205.67+/-0.08 dlogz:87.757>0.1]

891it [02:49, 5.63it/s, bound:0 nc: 1 ncall:2.5e+03 eff:36.0% logz-ratio=205.71+/-0.08 dlogz:87.718>0.1]

892it [02:49, 4.96it/s, bound:0 nc: 3 ncall:2.5e+03 eff:36.0% logz-ratio=205.75+/-0.08 dlogz:87.678>0.1]

893it [02:49, 5.78it/s, bound:0 nc: 1 ncall:2.5e+03 eff:36.0% logz-ratio=205.79+/-0.08 dlogz:87.638>0.1]

894it [02:50, 5.21it/s, bound:0 nc: 3 ncall:2.5e+03 eff:36.0% logz-ratio=205.83+/-0.08 dlogz:87.598>0.1]

896it [02:50, 5.75it/s, bound:0 nc: 3 ncall:2.5e+03 eff:36.0% logz-ratio=205.90+/-0.08 dlogz:87.521>0.1]

897it [02:50, 3.81it/s, bound:0 nc: 6 ncall:2.5e+03 eff:36.0% logz-ratio=205.94+/-0.08 dlogz:87.483>0.1]

898it [02:51, 2.96it/s, bound:0 nc: 7 ncall:2.5e+03 eff:35.9% logz-ratio=205.97+/-0.08 dlogz:87.446>0.1]

900it [02:51, 3.60it/s, bound:0 nc: 2 ncall:2.5e+03 eff:35.9% logz-ratio=206.04+/-0.08 dlogz:87.374>0.1]

901it [02:51, 4.43it/s, bound:0 nc: 1 ncall:2.5e+03 eff:36.0% logz-ratio=206.07+/-0.08 dlogz:87.340>0.1]

902it [02:51, 5.23it/s, bound:0 nc: 1 ncall:2.5e+03 eff:36.0% logz-ratio=206.11+/-0.08 dlogz:87.305>0.1]

904it [02:52, 5.76it/s, bound:0 nc: 2 ncall:2.5e+03 eff:36.0% logz-ratio=206.19+/-0.08 dlogz:87.230>0.1]

905it [02:52, 5.02it/s, bound:0 nc: 3 ncall:2.5e+03 eff:36.0% logz-ratio=206.23+/-0.08 dlogz:87.188>0.1]

906it [02:52, 4.08it/s, bound:0 nc: 4 ncall:2.5e+03 eff:36.0% logz-ratio=206.27+/-0.08 dlogz:87.146>0.1]

907it [02:52, 3.99it/s, bound:0 nc: 3 ncall:2.5e+03 eff:36.0% logz-ratio=206.31+/-0.08 dlogz:87.103>0.1]

908it [02:53, 3.92it/s, bound:0 nc: 4 ncall:2.5e+03 eff:36.0% logz-ratio=206.35+/-0.08 dlogz:87.061>0.1]

909it [02:53, 4.37it/s, bound:0 nc: 2 ncall:2.5e+03 eff:36.0% logz-ratio=206.39+/-0.08 dlogz:87.019>0.1]

910it [02:53, 5.19it/s, bound:0 nc: 1 ncall:2.5e+03 eff:36.0% logz-ratio=206.44+/-0.08 dlogz:86.978>0.1]

911it [02:53, 5.40it/s, bound:0 nc: 2 ncall:2.5e+03 eff:36.0% logz-ratio=206.48+/-0.08 dlogz:86.935>0.1]

912it [02:53, 4.39it/s, bound:0 nc: 4 ncall:2.5e+03 eff:36.0% logz-ratio=206.52+/-0.08 dlogz:86.892>0.1]

913it [02:54, 2.62it/s, bound:0 nc: 9 ncall:2.5e+03 eff:35.9% logz-ratio=206.56+/-0.08 dlogz:86.850>0.1]

914it [02:54, 3.05it/s, bound:0 nc: 2 ncall:2.5e+03 eff:35.9% logz-ratio=206.60+/-0.08 dlogz:86.808>0.1]

916it [02:55, 3.42it/s, bound:0 nc: 4 ncall:2.5e+03 eff:35.9% logz-ratio=206.69+/-0.08 dlogz:86.717>0.1]

917it [02:55, 4.22it/s, bound:0 nc: 1 ncall:2.5e+03 eff:36.0% logz-ratio=206.74+/-0.08 dlogz:86.671>0.1]

918it [02:55, 3.69it/s, bound:0 nc: 4 ncall:2.6e+03 eff:36.0% logz-ratio=206.78+/-0.08 dlogz:86.625>0.1]

919it [02:55, 4.54it/s, bound:0 nc: 1 ncall:2.6e+03 eff:36.0% logz-ratio=206.83+/-0.08 dlogz:86.580>0.1]

920it [02:56, 4.27it/s, bound:0 nc: 3 ncall:2.6e+03 eff:36.0% logz-ratio=206.87+/-0.08 dlogz:86.534>0.1]

921it [02:56, 4.30it/s, bound:0 nc: 2 ncall:2.6e+03 eff:36.0% logz-ratio=206.92+/-0.09 dlogz:86.486>0.1]

922it [02:57, 2.44it/s, bound:0 nc: 10 ncall:2.6e+03 eff:35.9% logz-ratio=206.97+/-0.09 dlogz:86.437>0.1]

924it [02:57, 3.14it/s, bound:0 nc: 2 ncall:2.6e+03 eff:35.9% logz-ratio=207.06+/-0.09 dlogz:86.343>0.1]

925it [02:57, 3.91it/s, bound:0 nc: 1 ncall:2.6e+03 eff:36.0% logz-ratio=207.11+/-0.09 dlogz:86.296>0.1]

926it [02:57, 4.72it/s, bound:0 nc: 1 ncall:2.6e+03 eff:36.0% logz-ratio=207.15+/-0.09 dlogz:86.249>0.1]

927it [02:57, 5.05it/s, bound:0 nc: 2 ncall:2.6e+03 eff:36.0% logz-ratio=207.20+/-0.09 dlogz:86.203>0.1]

928it [02:57, 5.24it/s, bound:0 nc: 2 ncall:2.6e+03 eff:36.0% logz-ratio=207.24+/-0.09 dlogz:86.158>0.1]

929it [02:58, 6.06it/s, bound:0 nc: 1 ncall:2.6e+03 eff:36.0% logz-ratio=207.28+/-0.09 dlogz:86.114>0.1]

930it [02:58, 5.15it/s, bound:0 nc: 3 ncall:2.6e+03 eff:36.0% logz-ratio=207.32+/-0.09 dlogz:86.072>0.1]

931it [02:58, 4.51it/s, bound:0 nc: 3 ncall:2.6e+03 eff:36.0% logz-ratio=207.36+/-0.09 dlogz:86.030>0.1]

933it [02:58, 5.52it/s, bound:0 nc: 1 ncall:2.6e+03 eff:36.1% logz-ratio=207.46+/-0.09 dlogz:85.938>0.1]

934it [02:58, 5.37it/s, bound:0 nc: 2 ncall:2.6e+03 eff:36.1% logz-ratio=207.50+/-0.09 dlogz:85.891>0.1]

935it [02:59, 6.10it/s, bound:0 nc: 1 ncall:2.6e+03 eff:36.1% logz-ratio=207.54+/-0.09 dlogz:85.846>0.1]

936it [02:59, 5.15it/s, bound:0 nc: 3 ncall:2.6e+03 eff:36.1% logz-ratio=207.59+/-0.09 dlogz:85.801>0.1]

937it [02:59, 3.50it/s, bound:0 nc: 6 ncall:2.6e+03 eff:36.1% logz-ratio=207.63+/-0.09 dlogz:85.757>0.1]

938it [02:59, 4.31it/s, bound:0 nc: 1 ncall:2.6e+03 eff:36.1% logz-ratio=207.67+/-0.09 dlogz:85.715>0.1]

939it [03:00, 4.37it/s, bound:0 nc: 3 ncall:2.6e+03 eff:36.1% logz-ratio=207.71+/-0.09 dlogz:85.673>0.1]

940it [03:00, 4.13it/s, bound:0 nc: 4 ncall:2.6e+03 eff:36.1% logz-ratio=207.75+/-0.09 dlogz:85.631>0.1]

941it [03:00, 4.05it/s, bound:0 nc: 3 ncall:2.6e+03 eff:36.1% logz-ratio=207.79+/-0.09 dlogz:85.590>0.1]

942it [03:00, 4.47it/s, bound:0 nc: 2 ncall:2.6e+03 eff:36.1% logz-ratio=207.83+/-0.09 dlogz:85.549>0.1]

943it [03:01, 5.08it/s, bound:0 nc: 1 ncall:2.6e+03 eff:36.1% logz-ratio=207.87+/-0.09 dlogz:85.507>0.1]

945it [03:01, 4.01it/s, bound:0 nc: 9 ncall:2.6e+03 eff:36.0% logz-ratio=207.95+/-0.09 dlogz:85.423>0.1]

946it [03:02, 3.36it/s, bound:0 nc: 5 ncall:2.6e+03 eff:36.0% logz-ratio=207.99+/-0.09 dlogz:85.382>0.1]

947it [03:02, 3.41it/s, bound:0 nc: 3 ncall:2.6e+03 eff:36.0% logz-ratio=208.03+/-0.09 dlogz:85.342>0.1]

948it [03:02, 3.54it/s, bound:0 nc: 3 ncall:2.6e+03 eff:36.0% logz-ratio=208.07+/-0.09 dlogz:85.303>0.1]

949it [03:02, 4.02it/s, bound:0 nc: 2 ncall:2.6e+03 eff:36.0% logz-ratio=208.11+/-0.09 dlogz:85.265>0.1]

```
950it [03:02,  4.84it/s, bound:0 nc:  1 ncall:2.6e+03 eff:36.0% logz-
ratio=208.14+/-0.09 dlogz:85.226>0.1]

952it [03:03,  4.62it/s, bound:0 nc:  6 ncall:2.6e+03 eff:36.0% logz-
ratio=208.22+/-0.09 dlogz:85.150>0.1]

953it [03:03,  5.43it/s, bound:0 nc:  1 ncall:2.6e+03 eff:36.0% logz-
ratio=208.25+/-0.09 dlogz:85.113>0.1]

954it [03:03,  5.57it/s, bound:0 nc:  2 ncall:2.6e+03 eff:36.0% logz-
ratio=208.29+/-0.09 dlogz:85.076>0.1]

955it [03:03,  6.38it/s, bound:0 nc:  1 ncall:2.6e+03 eff:36.1% logz-
ratio=208.33+/-0.09 dlogz:85.039>0.1]

956it [03:04,  6.18it/s, bound:0 nc:  2 ncall:2.6e+03 eff:36.1% logz-
ratio=208.37+/-0.09 dlogz:84.999>0.1]

957it [03:04,  4.81it/s, bound:0 nc:  4 ncall:2.7e+03 eff:36.1% logz-
ratio=208.41+/-0.09 dlogz:84.957>0.1]

958it [03:04,  5.63it/s, bound:0 nc:  1 ncall:2.7e+03 eff:36.1% logz-
ratio=208.45+/-0.09 dlogz:84.915>0.1]

959it [03:04,  6.45it/s, bound:0 nc:  1 ncall:2.7e+03 eff:36.1% logz-
ratio=208.50+/-0.09 dlogz:84.872>0.1]

960it [03:04,  4.67it/s, bound:0 nc:  4 ncall:2.7e+03 eff:36.1% logz-
ratio=208.54+/-0.09 dlogz:84.826>0.1]

961it [03:05,  3.55it/s, bound:0 nc:  5 ncall:2.7e+03 eff:36.1% logz-
ratio=208.59+/-0.09 dlogz:84.778>0.1]

962it [03:05,  4.03it/s, bound:0 nc:  2 ncall:2.7e+03 eff:36.1% logz-
ratio=208.63+/-0.09 dlogz:84.730>0.1]

963it [03:05,  3.61it/s, bound:0 nc:  4 ncall:2.7e+03 eff:36.1% logz-
ratio=208.68+/-0.09 dlogz:84.685>0.1]

964it [03:05,  4.43it/s, bound:0 nc:  1 ncall:2.7e+03 eff:36.1% logz-
ratio=208.72+/-0.09 dlogz:84.641>0.1]

965it [03:06,  4.23it/s, bound:0 nc:  3 ncall:2.7e+03 eff:36.1% logz-
ratio=208.76+/-0.09 dlogz:84.598>0.1]

966it [03:06,  5.06it/s, bound:0 nc:  1 ncall:2.7e+03 eff:36.1% logz-
ratio=208.80+/-0.09 dlogz:84.555>0.1]
```

967it [03:06, 4.60it/s, bound:0 nc: 3 ncall:2.7e+03 eff:36.1% logz-ratio=208.84+/-0.09 dlogz:84.514>0.1]

968it [03:06, 3.66it/s, bound:0 nc: 5 ncall:2.7e+03 eff:36.1% logz-ratio=208.88+/-0.09 dlogz:84.475>0.1]

969it [03:07, 4.48it/s, bound:0 nc: 1 ncall:2.7e+03 eff:36.1% logz-ratio=208.92+/-0.09 dlogz:84.434>0.1]

970it [03:07, 5.26it/s, bound:0 nc: 1 ncall:2.7e+03 eff:36.1% logz-ratio=208.96+/-0.09 dlogz:84.391>0.1]

972it [03:07, 6.26it/s, bound:0 nc: 1 ncall:2.7e+03 eff:36.2% logz-ratio=209.05+/-0.09 dlogz:84.302>0.1]

974it [03:07, 7.29it/s, bound:0 nc: 1 ncall:2.7e+03 eff:36.2% logz-ratio=209.13+/-0.09 dlogz:84.216>0.1]

975it [03:07, 6.89it/s, bound:0 nc: 2 ncall:2.7e+03 eff:36.2% logz-ratio=209.17+/-0.09 dlogz:84.174>0.1]

976it [03:07, 6.53it/s, bound:0 nc: 2 ncall:2.7e+03 eff:36.2% logz-ratio=209.21+/-0.09 dlogz:84.132>0.1]

978it [03:08, 6.85it/s, bound:0 nc: 2 ncall:2.7e+03 eff:36.3% logz-ratio=209.29+/-0.09 dlogz:84.050>0.1]

979it [03:08, 7.43it/s, bound:0 nc: 1 ncall:2.7e+03 eff:36.3% logz-ratio=209.33+/-0.09 dlogz:84.009>0.1]

980it [03:08, 4.12it/s, bound:0 nc: 6 ncall:2.7e+03 eff:36.2% logz-ratio=209.37+/-0.09 dlogz:83.968>0.1]

981it [03:08, 4.96it/s, bound:0 nc: 1 ncall:2.7e+03 eff:36.3% logz-ratio=209.41+/-0.09 dlogz:83.927>0.1]

982it [03:09, 4.05it/s, bound:0 nc: 4 ncall:2.7e+03 eff:36.2% logz-ratio=209.45+/-0.09 dlogz:83.887>0.1]

983it [03:09, 3.95it/s, bound:0 nc: 3 ncall:2.7e+03 eff:36.2% logz-ratio=209.49+/-0.09 dlogz:83.847>0.1]

984it [03:09, 4.74it/s, bound:0 nc: 1 ncall:2.7e+03 eff:36.3% logz-ratio=209.53+/-0.09 dlogz:83.808>0.1]

985it [03:09, 5.60it/s, bound:0 nc: 1 ncall:2.7e+03 eff:36.3% logz-ratio=209.56+/-0.09 dlogz:83.770>0.1]

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986it [03:09,  4.86it/s, bound:0 nc:  3 ncall:2.7e+03 eff:36.3% logz-
ratio=209.60+/-0.09 dlogz:83.732>0.1]

988it [03:10,  6.07it/s, bound:0 nc:  1 ncall:2.7e+03 eff:36.3% logz-
ratio=209.68+/-0.09 dlogz:83.653>0.1]

989it [03:10,  5.68it/s, bound:0 nc:  3 ncall:2.7e+03 eff:36.3% logz-
ratio=209.71+/-0.09 dlogz:83.615>0.1]

990it [03:10,  4.94it/s, bound:0 nc:  3 ncall:2.7e+03 eff:36.3% logz-
ratio=209.75+/-0.09 dlogz:83.577>0.1]

991it [03:10,  5.11it/s, bound:0 nc:  2 ncall:2.7e+03 eff:36.3% logz-
ratio=209.79+/-0.09 dlogz:83.538>0.1]

992it [03:10,  5.31it/s, bound:0 nc:  2 ncall:2.7e+03 eff:36.4% logz-
ratio=209.82+/-0.09 dlogz:83.501>0.1]

994it [03:11,  6.32it/s, bound:0 nc:  1 ncall:2.7e+03 eff:36.4% logz-
ratio=209.90+/-0.09 dlogz:83.429>0.1]

995it [03:11,  4.34it/s, bound:0 nc:  6 ncall:2.7e+03 eff:36.4% logz-
ratio=209.93+/-0.09 dlogz:83.391>0.1]

996it [03:11,  4.34it/s, bound:0 nc:  3 ncall:2.7e+03 eff:36.4% logz-
ratio=209.97+/-0.09 dlogz:83.352>0.1]

997it [03:12,  3.08it/s, bound:0 nc:  7 ncall:2.7e+03 eff:36.3% logz-
ratio=210.01+/-0.09 dlogz:83.313>0.1]

998it [03:12,  3.29it/s, bound:0 nc:  3 ncall:2.8e+03 eff:36.3% logz-
ratio=210.05+/-0.09 dlogz:83.274>0.1]

999it [03:12,  3.05it/s, bound:0 nc:  5 ncall:2.8e+03 eff:36.3% logz-
ratio=210.08+/-0.09 dlogz:83.235>0.1]

1000it [03:13,  3.05it/s, bound:0 nc:  4 ncall:2.8e+03 eff:36.2% logz-
ratio=210.12+/-0.09 dlogz:83.197>0.1]

1001it [03:13,  3.84it/s, bound:0 nc:  1 ncall:2.8e+03 eff:36.3% logz-
ratio=210.16+/-0.09 dlogz:83.158>0.1]

1002it [03:13,  4.71it/s, bound:0 nc:  1 ncall:2.8e+03 eff:36.3% logz-
ratio=210.20+/-0.09 dlogz:83.119>0.1]

1004it [03:13,  5.68it/s, bound:0 nc:  1 ncall:2.8e+03 eff:36.3% logz-
ratio=210.27+/-0.09 dlogz:83.043>0.1]
```

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1005it [03:13,  5.70it/s, bound:0 nc:  2 ncall:2.8e+03 eff:36.3% logz-
ratio=210.31+/-0.09 dlogz:83.005>0.1]

1006it [03:14,  3.76it/s, bound:0 nc:  6 ncall:2.8e+03 eff:36.3% logz-
ratio=210.34+/-0.09 dlogz:82.968>0.1]

1007it [03:14,  3.06it/s, bound:0 nc:  6 ncall:2.8e+03 eff:36.3% logz-
ratio=210.38+/-0.09 dlogz:82.932>0.1]

1009it [03:14,  3.93it/s, bound:0 nc:  1 ncall:2.8e+03 eff:36.3% logz-
ratio=210.45+/-0.09 dlogz:82.856>0.1]

1010it [03:15,  4.02it/s, bound:0 nc:  3 ncall:2.8e+03 eff:36.3% logz-
ratio=210.49+/-0.09 dlogz:82.819>0.1]

1011it [03:15,  4.44it/s, bound:0 nc:  2 ncall:2.8e+03 eff:36.3% logz-
ratio=210.52+/-0.09 dlogz:82.782>0.1]

1012it [03:15,  5.28it/s, bound:0 nc:  1 ncall:2.8e+03 eff:36.3% logz-
ratio=210.56+/-0.09 dlogz:82.745>0.1]

1013it [03:15,  5.47it/s, bound:0 nc:  2 ncall:2.8e+03 eff:36.3% logz-
ratio=210.60+/-0.09 dlogz:82.708>0.1]

1014it [03:15,  5.55it/s, bound:0 nc:  2 ncall:2.8e+03 eff:36.4% logz-
ratio=210.63+/-0.09 dlogz:82.670>0.1]

1015it [03:15,  5.66it/s, bound:0 nc:  2 ncall:2.8e+03 eff:36.4% logz-
ratio=210.67+/-0.09 dlogz:82.632>0.1]

1016it [03:16,  3.45it/s, bound:0 nc:  6 ncall:2.8e+03 eff:36.3% logz-
ratio=210.71+/-0.09 dlogz:82.594>0.1]

1017it [03:16,  3.47it/s, bound:0 nc:  3 ncall:2.8e+03 eff:36.3% logz-
ratio=210.74+/-0.09 dlogz:82.558>0.1]

1018it [03:17,  3.49it/s, bound:0 nc:  3 ncall:2.8e+03 eff:36.3% logz-
ratio=210.78+/-0.09 dlogz:82.522>0.1]

1019it [03:17,  3.83it/s, bound:0 nc:  2 ncall:2.8e+03 eff:36.3% logz-
ratio=210.82+/-0.09 dlogz:82.484>0.1]

1020it [03:17,  3.17it/s, bound:0 nc:  5 ncall:2.8e+03 eff:36.3% logz-
ratio=210.86+/-0.09 dlogz:82.445>0.1]

1021it [03:17,  3.25it/s, bound:0 nc:  3 ncall:2.8e+03 eff:36.3% logz-
ratio=210.90+/-0.09 dlogz:82.404>0.1]
```

```
1023it [03:18,  4.22it/s, bound:0 nc:  1 ncall:2.8e+03 eff:36.3% logz-
ratio=210.98+/-0.09 dlogz:82.318>0.1]

1024it [03:18,  4.47it/s, bound:0 nc:  2 ncall:2.8e+03 eff:36.4% logz-
ratio=211.02+/-0.09 dlogz:82.276>0.1]

1025it [03:18,  4.63it/s, bound:0 nc:  2 ncall:2.8e+03 eff:36.4% logz-
ratio=211.06+/-0.09 dlogz:82.234>0.1]

1027it [03:19,  4.42it/s, bound:0 nc:  5 ncall:2.8e+03 eff:36.4% logz-
ratio=211.15+/-0.09 dlogz:82.151>0.1]

1028it [03:19,  4.61it/s, bound:0 nc:  2 ncall:2.8e+03 eff:36.4% logz-
ratio=211.19+/-0.09 dlogz:82.108>0.1]

1029it [03:19,  4.20it/s, bound:0 nc:  3 ncall:2.8e+03 eff:36.4% logz-
ratio=211.24+/-0.09 dlogz:82.062>0.1]

1030it [03:19,  3.97it/s, bound:0 nc:  3 ncall:2.8e+03 eff:36.4% logz-
ratio=211.29+/-0.09 dlogz:82.013>0.1]

1031it [03:19,  4.25it/s, bound:0 nc:  2 ncall:2.8e+03 eff:36.4% logz-
ratio=211.34+/-0.09 dlogz:81.963>0.1]

1032it [03:20,  4.40it/s, bound:0 nc:  3 ncall:2.8e+03 eff:36.4% logz-
ratio=211.38+/-0.09 dlogz:81.914>0.1]

1034it [03:20,  5.35it/s, bound:0 nc:  1 ncall:2.8e+03 eff:36.4% logz-
ratio=211.47+/-0.09 dlogz:81.821>0.1]

1035it [03:20,  5.28it/s, bound:0 nc:  2 ncall:2.8e+03 eff:36.4% logz-
ratio=211.51+/-0.09 dlogz:81.776>0.1]

1036it [03:20,  5.49it/s, bound:0 nc:  2 ncall:2.8e+03 eff:36.4% logz-
ratio=211.56+/-0.09 dlogz:81.731>0.1]

1037it [03:21,  3.38it/s, bound:0 nc:  6 ncall:2.8e+03 eff:36.4% logz-
ratio=211.60+/-0.09 dlogz:81.686>0.1]

1038it [03:21,  3.12it/s, bound:0 nc:  4 ncall:2.9e+03 eff:36.4% logz-
ratio=211.65+/-0.09 dlogz:81.641>0.1]

1039it [03:21,  3.50it/s, bound:0 nc:  2 ncall:2.9e+03 eff:36.4% logz-
ratio=211.70+/-0.09 dlogz:81.594>0.1]

1040it [03:21,  4.31it/s, bound:0 nc:  1 ncall:2.9e+03 eff:36.4% logz-
ratio=211.74+/-0.09 dlogz:81.545>0.1]
```

```
1042it [03:22,  3.93it/s, bound:0 nc:  7 ncall:2.9e+03 eff:36.4% logz-
ratio=211.84+/-0.09 dlogz:81.446>0.1]

1043it [03:22,  3.65it/s, bound:0 nc:  4 ncall:2.9e+03 eff:36.4% logz-
ratio=211.89+/-0.09 dlogz:81.398>0.1]

1044it [03:24,  1.90it/s, bound:0 nc: 15 ncall:2.9e+03 eff:36.2% logz-
ratio=211.93+/-0.09 dlogz:81.351>0.1]

1045it [03:24,  2.33it/s, bound:0 nc:  3 ncall:2.9e+03 eff:36.2% logz-
ratio=211.98+/-0.09 dlogz:81.304>0.1]

1046it [03:24,  2.53it/s, bound:0 nc:  4 ncall:2.9e+03 eff:36.2% logz-
ratio=212.02+/-0.09 dlogz:81.260>0.1]

1047it [03:24,  3.24it/s, bound:0 nc:  1 ncall:2.9e+03 eff:36.2% logz-
ratio=212.06+/-0.09 dlogz:81.216>0.1]

1048it [03:24,  3.75it/s, bound:0 nc:  2 ncall:2.9e+03 eff:36.2% logz-
ratio=212.10+/-0.09 dlogz:81.173>0.1]

1049it [03:25,  3.67it/s, bound:0 nc:  3 ncall:2.9e+03 eff:36.2% logz-
ratio=212.14+/-0.09 dlogz:81.131>0.1]

1050it [03:25,  3.73it/s, bound:0 nc:  3 ncall:2.9e+03 eff:36.2% logz-
ratio=212.18+/-0.09 dlogz:81.089>0.1]

1051it [03:25,  4.58it/s, bound:0 nc:  1 ncall:2.9e+03 eff:36.2% logz-
ratio=212.23+/-0.09 dlogz:81.046>0.1]

1053it [03:25,  5.60it/s, bound:0 nc:  1 ncall:2.9e+03 eff:36.3% logz-
ratio=212.31+/-0.09 dlogz:80.959>0.1]

1054it [03:25,  4.92it/s, bound:0 nc:  3 ncall:2.9e+03 eff:36.3% logz-
ratio=212.35+/-0.09 dlogz:80.917>0.1]

1055it [03:26,  5.78it/s, bound:0 nc:  1 ncall:2.9e+03 eff:36.3% logz-
ratio=212.39+/-0.09 dlogz:80.875>0.1]

1056it [03:26,  6.49it/s, bound:0 nc:  1 ncall:2.9e+03 eff:36.3% logz-
ratio=212.44+/-0.09 dlogz:80.833>0.1]

1057it [03:26,  4.09it/s, bound:0 nc:  6 ncall:2.9e+03 eff:36.3% logz-
ratio=212.48+/-0.09 dlogz:80.789>0.1]

1058it [03:26,  4.48it/s, bound:0 nc:  2 ncall:2.9e+03 eff:36.3% logz-
ratio=212.52+/-0.09 dlogz:80.744>0.1]
```

```
1060it [03:27,  3.93it/s, bound:0 nc:  6 ncall:2.9e+03 eff:36.3% logz-
ratio=212.60+/-0.09 dlogz:80.658>0.1]

1061it [03:27,  4.64it/s, bound:0 nc:  1 ncall:2.9e+03 eff:36.3% logz-
ratio=212.64+/-0.09 dlogz:80.616>0.1]

1062it [03:27,  5.24it/s, bound:0 nc:  1 ncall:2.9e+03 eff:36.3% logz-
ratio=212.68+/-0.09 dlogz:80.575>0.1]

1063it [03:27,  4.51it/s, bound:0 nc:  3 ncall:2.9e+03 eff:36.3% logz-
ratio=212.72+/-0.09 dlogz:80.535>0.1]

1064it [03:28,  3.19it/s, bound:0 nc:  5 ncall:2.9e+03 eff:36.3% logz-
ratio=212.76+/-0.09 dlogz:80.495>0.1]

1065it [03:28,  3.84it/s, bound:0 nc:  1 ncall:2.9e+03 eff:36.3% logz-
ratio=212.81+/-0.09 dlogz:80.453>0.1]

1066it [03:29,  2.66it/s, bound:0 nc:  6 ncall:2.9e+03 eff:36.3% logz-
ratio=212.85+/-0.09 dlogz:80.410>0.1]

1067it [03:29,  2.98it/s, bound:0 nc:  2 ncall:2.9e+03 eff:36.3% logz-
ratio=212.89+/-0.09 dlogz:80.368>0.1]

1068it [03:29,  3.50it/s, bound:0 nc:  1 ncall:2.9e+03 eff:36.3% logz-
ratio=212.93+/-0.09 dlogz:80.327>0.1]

1069it [03:30,  2.77it/s, bound:0 nc:  5 ncall:2.9e+03 eff:36.3% logz-
ratio=212.97+/-0.09 dlogz:80.286>0.1]

1070it [03:30,  2.62it/s, bound:0 nc:  4 ncall:3.0e+03 eff:36.2% logz-
ratio=213.01+/-0.09 dlogz:80.245>0.1]

1071it [03:31,  2.19it/s, bound:0 nc:  6 ncall:3.0e+03 eff:36.2% logz-
ratio=213.04+/-0.09 dlogz:80.204>0.1]

1072it [03:31,  2.36it/s, bound:0 nc:  3 ncall:3.0e+03 eff:36.2% logz-
ratio=213.08+/-0.09 dlogz:80.165>0.1]

1073it [03:31,  2.68it/s, bound:0 nc:  2 ncall:3.0e+03 eff:36.2% logz-
ratio=213.12+/-0.09 dlogz:80.127>0.1]

1074it [03:32,  3.25it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.2% logz-
ratio=213.15+/-0.09 dlogz:80.089>0.1]

1075it [03:32,  2.47it/s, bound:0 nc:  5 ncall:3.0e+03 eff:36.2% logz-
ratio=213.19+/-0.09 dlogz:80.053>0.1]
```

```
1076it [03:33,  2.47it/s, bound:0 nc:  3 ncall:3.0e+03 eff:36.2% logz-
ratio=213.23+/-0.09 dlogz:80.015>0.1]

1077it [03:33,  2.02it/s, bound:0 nc:  6 ncall:3.0e+03 eff:36.2% logz-
ratio=213.27+/-0.09 dlogz:79.976>0.1]

1078it [03:33,  2.64it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.2% logz-
ratio=213.30+/-0.09 dlogz:79.937>0.1]

1079it [03:34,  1.85it/s, bound:0 nc:  9 ncall:3.0e+03 eff:36.1% logz-
ratio=213.34+/-0.09 dlogz:79.899>0.1]

1080it [03:35,  2.27it/s, bound:0 nc:  2 ncall:3.0e+03 eff:36.1% logz-
ratio=213.38+/-0.09 dlogz:79.862>0.1]

1081it [03:35,  2.80it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.1% logz-
ratio=213.41+/-0.09 dlogz:79.824>0.1]

1082it [03:35,  2.70it/s, bound:0 nc:  3 ncall:3.0e+03 eff:36.1% logz-
ratio=213.45+/-0.09 dlogz:79.788>0.1]

1083it [03:36,  2.47it/s, bound:0 nc:  4 ncall:3.0e+03 eff:36.1% logz-
ratio=213.48+/-0.09 dlogz:79.753>0.1]

1084it [03:36,  2.79it/s, bound:0 nc:  2 ncall:3.0e+03 eff:36.1% logz-
ratio=213.51+/-0.09 dlogz:79.718>0.1]

1085it [03:36,  3.45it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.2% logz-
ratio=213.55+/-0.09 dlogz:79.683>0.1]

1086it [03:37,  2.53it/s, bound:0 nc:  6 ncall:3.0e+03 eff:36.1% logz-
ratio=213.58+/-0.09 dlogz:79.648>0.1]

1087it [03:37,  2.19it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.1% logz-
ratio=213.62+/-0.09 dlogz:79.612>0.1]

1088it [03:38,  2.00it/s, bound:0 nc:  5 ncall:3.0e+03 eff:36.1% logz-
ratio=213.65+/-0.09 dlogz:79.576>0.1]

1089it [03:38,  2.56it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.1% logz-
ratio=213.69+/-0.09 dlogz:79.541>0.1]

1090it [03:38,  3.20it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.2% logz-
ratio=213.72+/-0.09 dlogz:79.506>0.1]

1091it [03:39,  2.45it/s, bound:0 nc:  6 ncall:3.0e+03 eff:36.1% logz-
ratio=213.76+/-0.09 dlogz:79.471>0.1]
```

```
1092it [03:39,  2.53it/s, bound:0 nc:  3 ncall:3.0e+03 eff:36.1% logz-
ratio=213.79+/-0.09 dlogz:79.434>0.1]

1093it [03:39,  3.08it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.1% logz-
ratio=213.83+/-0.09 dlogz:79.396>0.1]

1094it [03:39,  3.73it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.2% logz-
ratio=213.87+/-0.09 dlogz:79.359>0.1]

1095it [03:40,  4.23it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.2% logz-
ratio=213.90+/-0.09 dlogz:79.321>0.1]

1096it [03:40,  4.11it/s, bound:0 nc:  2 ncall:3.0e+03 eff:36.2% logz-
ratio=213.94+/-0.09 dlogz:79.284>0.1]

1097it [03:40,  2.85it/s, bound:0 nc:  5 ncall:3.0e+03 eff:36.2% logz-
ratio=213.97+/-0.09 dlogz:79.248>0.1]

1098it [03:41,  2.42it/s, bound:0 nc:  6 ncall:3.0e+03 eff:36.1% logz-
ratio=214.01+/-0.09 dlogz:79.213>0.1]

1099it [03:41,  3.04it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.1% logz-
ratio=214.04+/-0.09 dlogz:79.177>0.1]

1100it [03:41,  2.99it/s, bound:0 nc:  3 ncall:3.0e+03 eff:36.1% logz-
ratio=214.09+/-0.09 dlogz:79.137>0.1]

1101it [03:42,  3.66it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.2% logz-
ratio=214.12+/-0.09 dlogz:79.095>0.1]

1102it [03:42,  4.15it/s, bound:0 nc:  1 ncall:3.0e+03 eff:36.2% logz-
ratio=214.16+/-0.09 dlogz:79.055>0.1]

1103it [03:42,  3.50it/s, bound:0 nc:  3 ncall:3.0e+03 eff:36.2% logz-
ratio=214.20+/-0.09 dlogz:79.016>0.1]

1104it [03:42,  3.58it/s, bound:0 nc:  2 ncall:3.1e+03 eff:36.2% logz-
ratio=214.24+/-0.09 dlogz:78.976>0.1]

1105it [03:43,  3.55it/s, bound:0 nc:  2 ncall:3.1e+03 eff:36.2% logz-
ratio=214.28+/-0.09 dlogz:78.937>0.1]

1106it [03:43,  3.25it/s, bound:0 nc:  3 ncall:3.1e+03 eff:36.2% logz-
ratio=214.32+/-0.09 dlogz:78.896>0.1]

1107it [03:43,  3.72it/s, bound:0 nc:  1 ncall:3.1e+03 eff:36.2% logz-
ratio=214.36+/-0.09 dlogz:78.853>0.1]
```

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1108it [03:44,  3.20it/s, bound:0 nc:  3 ncall:3.1e+03 eff:36.2% logz-
ratio=214.40+/-0.09 dlogz:78.812>0.1]

1109it [03:44,  2.31it/s, bound:0 nc:  7 ncall:3.1e+03 eff:36.2% logz-
ratio=214.44+/-0.09 dlogz:78.770>0.1]

1110it [03:45,  2.23it/s, bound:0 nc:  4 ncall:3.1e+03 eff:36.1% logz-
ratio=214.49+/-0.09 dlogz:78.727>0.1]

1111it [03:45,  2.35it/s, bound:0 nc:  3 ncall:3.1e+03 eff:36.1% logz-
ratio=214.53+/-0.09 dlogz:78.683>0.1]

1112it [03:45,  2.88it/s, bound:0 nc:  1 ncall:3.1e+03 eff:36.2% logz-
ratio=214.57+/-0.09 dlogz:78.639>0.1]

1113it [03:45,  3.57it/s, bound:0 nc:  1 ncall:3.1e+03 eff:36.2% logz-
ratio=214.62+/-0.09 dlogz:78.595>0.1]

1114it [03:46,  2.92it/s, bound:0 nc:  4 ncall:3.1e+03 eff:36.2% logz-
ratio=214.67+/-0.09 dlogz:78.548>0.1]

1115it [03:46,  3.49it/s, bound:0 nc:  1 ncall:3.1e+03 eff:36.2% logz-
ratio=214.71+/-0.09 dlogz:78.499>0.1]

1116it [03:46,  3.22it/s, bound:0 nc:  3 ncall:3.1e+03 eff:36.2% logz-
ratio=214.76+/-0.09 dlogz:78.451>0.1]

1117it [03:47,  3.86it/s, bound:0 nc:  1 ncall:3.1e+03 eff:36.2% logz-
ratio=214.81+/-0.09 dlogz:78.401>0.1]

1118it [03:47,  4.51it/s, bound:0 nc:  1 ncall:3.1e+03 eff:36.2% logz-
ratio=214.86+/-0.09 dlogz:78.350>0.1]

1119it [03:47,  5.11it/s, bound:0 nc:  1 ncall:3.1e+03 eff:36.2% logz-
ratio=214.91+/-0.09 dlogz:78.301>0.1]

1120it [03:47,  3.73it/s, bound:0 nc:  4 ncall:3.1e+03 eff:36.2% logz-
ratio=214.96+/-0.09 dlogz:78.251>0.1]

1121it [03:47,  4.37it/s, bound:0 nc:  1 ncall:3.1e+03 eff:36.3% logz-
ratio=215.01+/-0.09 dlogz:78.200>0.1]

1122it [03:48,  3.75it/s, bound:0 nc:  4 ncall:3.1e+03 eff:36.2% logz-
ratio=215.06+/-0.09 dlogz:78.151>0.1]

1123it [03:48,  3.99it/s, bound:0 nc:  2 ncall:3.1e+03 eff:36.2% logz-
ratio=215.10+/-0.09 dlogz:78.103>0.1]
```

```
1124it [03:48,  3.72it/s, bound:0 nc:  3 ncall:3.1e+03 eff:36.2% logz-
ratio=215.14+/-0.09 dlogz:78.057>0.1]

1125it [03:48,  4.35it/s, bound:0 nc:  1 ncall:3.1e+03 eff:36.3% logz-
ratio=215.19+/-0.09 dlogz:78.012>0.1]

1126it [03:49,  4.55it/s, bound:0 nc:  2 ncall:3.1e+03 eff:36.3% logz-
ratio=215.23+/-0.09 dlogz:77.967>0.1]

1127it [03:49,  3.39it/s, bound:0 nc:  4 ncall:3.1e+03 eff:36.3% logz-
ratio=215.27+/-0.09 dlogz:77.923>0.1]

1128it [03:49,  3.65it/s, bound:0 nc:  2 ncall:3.1e+03 eff:36.3% logz-
ratio=215.31+/-0.09 dlogz:77.880>0.1]

1129it [03:50,  4.30it/s, bound:0 nc:  1 ncall:3.1e+03 eff:36.3% logz-
ratio=215.36+/-0.09 dlogz:77.838>0.1]

1130it [03:50,  4.65it/s, bound:0 nc:  2 ncall:3.1e+03 eff:36.3% logz-
ratio=215.40+/-0.09 dlogz:77.795>0.1]

1132it [03:50,  5.24it/s, bound:0 nc:  2 ncall:3.1e+03 eff:36.3% logz-
ratio=215.48+/-0.09 dlogz:77.709>0.1]

1133it [03:51,  3.26it/s, bound:0 nc:  6 ncall:3.1e+03 eff:36.3% logz-
ratio=215.52+/-0.09 dlogz:77.667>0.1]

1134it [03:51,  3.93it/s, bound:0 nc:  1 ncall:3.1e+03 eff:36.3% logz-
ratio=215.56+/-0.09 dlogz:77.625>0.1]

1135it [03:51,  4.71it/s, bound:0 nc:  1 ncall:3.1e+03 eff:36.3% logz-
ratio=215.61+/-0.09 dlogz:77.585>0.1]

1136it [03:52,  2.69it/s, bound:0 nc:  8 ncall:3.1e+03 eff:36.3% logz-
ratio=215.65+/-0.09 dlogz:77.540>0.1]

1137it [03:52,  2.62it/s, bound:0 nc:  4 ncall:3.1e+03 eff:36.3% logz-
ratio=215.70+/-0.09 dlogz:77.492>0.1]

1138it [03:53,  2.26it/s, bound:0 nc:  6 ncall:3.1e+03 eff:36.2% logz-
ratio=215.74+/-0.09 dlogz:77.446>0.1]

1139it [03:53,  1.99it/s, bound:0 nc:  8 ncall:3.2e+03 eff:36.2% logz-
ratio=215.79+/-0.09 dlogz:77.400>0.1]

1140it [03:53,  2.43it/s, bound:0 nc:  2 ncall:3.2e+03 eff:36.2% logz-
ratio=215.83+/-0.09 dlogz:77.355>0.1]
```

1141it [03:54, 1.76it/s, bound:0 nc: 10 ncall:3.2e+03 eff:36.1% logz-
ratio=215.88+/-0.09 dlogz:77.309>0.1]

1142it [03:56, 1.25it/s, bound:0 nc: 14 ncall:3.2e+03 eff:36.0% logz-
ratio=215.93+/-0.09 dlogz:77.259>0.1]

1143it [03:56, 1.66it/s, bound:0 nc: 1 ncall:3.2e+03 eff:36.0% logz-
ratio=215.98+/-0.09 dlogz:77.208>0.1]

1144it [03:57, 1.39it/s, bound:0 nc: 12 ncall:3.2e+03 eff:35.9% logz-
ratio=216.02+/-0.09 dlogz:77.160>0.1]

1145it [03:57, 1.68it/s, bound:0 nc: 4 ncall:3.2e+03 eff:35.9% logz-
ratio=216.07+/-0.09 dlogz:77.112>0.1]

1146it [03:57, 2.14it/s, bound:0 nc: 2 ncall:3.2e+03 eff:35.9% logz-
ratio=216.12+/-0.09 dlogz:77.064>0.1]

1147it [03:57, 2.78it/s, bound:0 nc: 1 ncall:3.2e+03 eff:35.9% logz-
ratio=216.17+/-0.09 dlogz:77.014>0.1]

1148it [03:58, 2.60it/s, bound:0 nc: 5 ncall:3.2e+03 eff:35.9% logz-
ratio=216.23+/-0.09 dlogz:76.961>0.1]

1149it [03:58, 2.62it/s, bound:0 nc: 4 ncall:3.2e+03 eff:35.9% logz-
ratio=216.28+/-0.09 dlogz:76.904>0.1]

1150it [03:58, 3.35it/s, bound:0 nc: 1 ncall:3.2e+03 eff:35.9% logz-
ratio=216.34+/-0.09 dlogz:76.848>0.1]

1151it [03:58, 3.74it/s, bound:0 nc: 2 ncall:3.2e+03 eff:35.9% logz-
ratio=216.39+/-0.09 dlogz:76.795>0.1]

1152it [03:59, 4.53it/s, bound:0 nc: 1 ncall:3.2e+03 eff:35.9% logz-
ratio=216.44+/-0.09 dlogz:76.743>0.1]

1153it [03:59, 4.68it/s, bound:0 nc: 2 ncall:3.2e+03 eff:35.9% logz-
ratio=216.49+/-0.09 dlogz:76.690>0.1]

1154it [03:59, 3.56it/s, bound:0 nc: 4 ncall:3.2e+03 eff:35.9% logz-
ratio=216.54+/-0.09 dlogz:76.637>0.1]

1155it [03:59, 3.54it/s, bound:0 nc: 3 ncall:3.2e+03 eff:35.9% logz-
ratio=216.59+/-0.09 dlogz:76.586>0.1]

1156it [04:00, 3.50it/s, bound:0 nc: 3 ncall:3.2e+03 eff:35.9% logz-
ratio=216.64+/-0.09 dlogz:76.534>0.1]

```
1157it [04:00,  3.18it/s, bound:0 nc:  4 ncall:3.2e+03 eff:35.9% logz-
ratio=216.69+/-0.09 dlogz:76.483>0.1]

1158it [04:00,  3.56it/s, bound:0 nc:  2 ncall:3.2e+03 eff:35.9% logz-
ratio=216.74+/-0.09 dlogz:76.434>0.1]

1159it [04:01,  3.53it/s, bound:0 nc:  3 ncall:3.2e+03 eff:35.9% logz-
ratio=216.78+/-0.09 dlogz:76.387>0.1]

1161it [04:01,  3.97it/s, bound:0 nc:  4 ncall:3.2e+03 eff:35.9% logz-
ratio=216.89+/-0.09 dlogz:76.289>0.1]

1162it [04:01,  4.43it/s, bound:0 nc:  2 ncall:3.2e+03 eff:35.9% logz-
ratio=216.94+/-0.09 dlogz:76.234>0.1]

1163it [04:01,  5.29it/s, bound:0 nc:  1 ncall:3.2e+03 eff:35.9% logz-
ratio=216.99+/-0.09 dlogz:76.178>0.1]

1164it [04:01,  5.22it/s, bound:0 nc:  2 ncall:3.2e+03 eff:35.9% logz-
ratio=217.05+/-0.09 dlogz:76.124>0.1]

1165it [04:02,  2.40it/s, bound:0 nc: 11 ncall:3.3e+03 eff:35.8% logz-
ratio=217.10+/-0.09 dlogz:76.071>0.1]

1166it [04:03,  3.01it/s, bound:0 nc:  1 ncall:3.3e+03 eff:35.9% logz-
ratio=217.15+/-0.09 dlogz:76.019>0.1]

1167it [04:03,  3.29it/s, bound:0 nc:  3 ncall:3.3e+03 eff:35.9% logz-
ratio=217.19+/-0.09 dlogz:75.969>0.1]

1168it [04:03,  2.67it/s, bound:0 nc:  7 ncall:3.3e+03 eff:35.8% logz-
ratio=217.24+/-0.09 dlogz:75.921>0.1]

1169it [04:04,  2.73it/s, bound:0 nc:  4 ncall:3.3e+03 eff:35.8% logz-
ratio=217.29+/-0.09 dlogz:75.874>0.1]

1170it [04:04,  2.84it/s, bound:0 nc:  3 ncall:3.3e+03 eff:35.8% logz-
ratio=217.33+/-0.09 dlogz:75.826>0.1]

1171it [04:04,  2.77it/s, bound:0 nc:  4 ncall:3.3e+03 eff:35.8% logz-
ratio=217.38+/-0.09 dlogz:75.777>0.1]

1172it [04:05,  2.51it/s, bound:0 nc:  6 ncall:3.3e+03 eff:35.7% logz-
ratio=217.43+/-0.09 dlogz:75.727>0.1]

1173it [04:05,  2.67it/s, bound:0 nc:  4 ncall:3.3e+03 eff:35.7% logz-
ratio=217.48+/-0.09 dlogz:75.676>0.1]
```

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1174it [04:06,  2.44it/s, bound:0 nc:  6 ncall:3.3e+03 eff:35.7% logz-
ratio=217.53+/-0.09 dlogz:75.627>0.1]

1175it [04:06,  2.64it/s, bound:0 nc:  4 ncall:3.3e+03 eff:35.7% logz-
ratio=217.57+/-0.09 dlogz:75.580>0.1]

1176it [04:06,  3.20it/s, bound:0 nc:  2 ncall:3.3e+03 eff:35.7% logz-
ratio=217.61+/-0.09 dlogz:75.535>0.1]

1177it [04:06,  3.15it/s, bound:0 nc:  4 ncall:3.3e+03 eff:35.7% logz-
ratio=217.66+/-0.09 dlogz:75.490>0.1]

1178it [04:07,  3.07it/s, bound:0 nc:  4 ncall:3.3e+03 eff:35.7% logz-
ratio=217.70+/-0.09 dlogz:75.447>0.1]

1179it [04:07,  3.28it/s, bound:0 nc:  3 ncall:3.3e+03 eff:35.7% logz-
ratio=217.74+/-0.09 dlogz:75.405>0.1]

1180it [04:07,  4.09it/s, bound:0 nc:  1 ncall:3.3e+03 eff:35.7% logz-
ratio=217.78+/-0.09 dlogz:75.364>0.1]

1181it [04:07,  4.36it/s, bound:0 nc:  2 ncall:3.3e+03 eff:35.7% logz-
ratio=217.82+/-0.09 dlogz:75.323>0.1]

1182it [04:07,  5.13it/s, bound:0 nc:  1 ncall:3.3e+03 eff:35.7% logz-
ratio=217.86+/-0.09 dlogz:75.283>0.1]

1183it [04:08,  5.97it/s, bound:0 nc:  1 ncall:3.3e+03 eff:35.7% logz-
ratio=217.90+/-0.09 dlogz:75.242>0.1]

1184it [04:08,  5.10it/s, bound:0 nc:  3 ncall:3.3e+03 eff:35.7% logz-
ratio=217.94+/-0.09 dlogz:75.202>0.1]

1185it [04:08,  5.92it/s, bound:0 nc:  1 ncall:3.3e+03 eff:35.7% logz-
ratio=217.98+/-0.09 dlogz:75.161>0.1]

1186it [04:08,  5.05it/s, bound:0 nc:  3 ncall:3.3e+03 eff:35.7% logz-
ratio=218.02+/-0.09 dlogz:75.119>0.1]

1187it [04:08,  4.59it/s, bound:0 nc:  3 ncall:3.3e+03 eff:35.7% logz-
ratio=218.05+/-0.09 dlogz:75.079>0.1]

1188it [04:09,  4.34it/s, bound:0 nc:  3 ncall:3.3e+03 eff:35.7% logz-
ratio=218.09+/-0.09 dlogz:75.039>0.1]

1189it [04:09,  4.06it/s, bound:0 nc:  3 ncall:3.3e+03 eff:35.7% logz-
ratio=218.13+/-0.09 dlogz:75.000>0.1]
```

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1190it [04:09,  4.47it/s, bound:0 nc:  2 ncall:3.3e+03 eff:35.7% logz-
ratio=218.17+/-0.09 dlogz:74.960>0.1]

1191it [04:10,  2.46it/s, bound:0 nc: 10 ncall:3.3e+03 eff:35.7% logz-
ratio=218.21+/-0.09 dlogz:74.922>0.1]

1192it [04:10,  3.16it/s, bound:0 nc:  1 ncall:3.3e+03 eff:35.7% logz-
ratio=218.25+/-0.09 dlogz:74.883>0.1]

1193it [04:11,  2.15it/s, bound:0 nc:  9 ncall:3.3e+03 eff:35.6% logz-
ratio=218.29+/-0.09 dlogz:74.840>0.1]

1194it [04:11,  2.59it/s, bound:0 nc:  2 ncall:3.4e+03 eff:35.6% logz-
ratio=218.34+/-0.09 dlogz:74.794>0.1]

1195it [04:12,  1.94it/s, bound:0 nc:  9 ncall:3.4e+03 eff:35.6% logz-
ratio=218.38+/-0.09 dlogz:74.748>0.1]

1196it [04:12,  2.54it/s, bound:0 nc:  1 ncall:3.4e+03 eff:35.6% logz-
ratio=218.43+/-0.09 dlogz:74.701>0.1]

1197it [04:12,  3.25it/s, bound:0 nc:  1 ncall:3.4e+03 eff:35.6% logz-
ratio=218.48+/-0.09 dlogz:74.653>0.1]

1198it [04:13,  3.05it/s, bound:0 nc:  4 ncall:3.4e+03 eff:35.6% logz-
ratio=218.53+/-0.09 dlogz:74.605>0.1]

1199it [04:13,  2.65it/s, bound:0 nc:  5 ncall:3.4e+03 eff:35.6% logz-
ratio=218.57+/-0.09 dlogz:74.557>0.1]

1200it [04:13,  3.04it/s, bound:0 nc:  2 ncall:3.4e+03 eff:35.6% logz-
ratio=218.62+/-0.09 dlogz:74.510>0.1]

1201it [04:14,  2.35it/s, bound:0 nc:  7 ncall:3.4e+03 eff:35.5% logz-
ratio=218.66+/-0.09 dlogz:74.464>0.1]

1202it [04:15,  1.69it/s, bound:0 nc: 11 ncall:3.4e+03 eff:35.4% logz-
ratio=218.70+/-0.09 dlogz:74.420>0.1]

1203it [04:15,  1.88it/s, bound:0 nc:  4 ncall:3.4e+03 eff:35.4% logz-
ratio=218.75+/-0.09 dlogz:74.375>0.1]

1204it [04:16,  2.14it/s, bound:0 nc:  3 ncall:3.4e+03 eff:35.4% logz-
ratio=218.79+/-0.09 dlogz:74.330>0.1]

1205it [04:16,  2.37it/s, bound:0 nc:  3 ncall:3.4e+03 eff:35.4% logz-
ratio=218.84+/-0.09 dlogz:74.282>0.1]
```

```
1206it [04:16,  2.25it/s, bound:0 nc:  5 ncall:3.4e+03 eff:35.4% logz-
ratio=218.89+/-0.09 dlogz:74.233>0.1]

1207it [04:17,  2.65it/s, bound:0 nc:  2 ncall:3.4e+03 eff:35.4% logz-
ratio=218.94+/-0.09 dlogz:74.185>0.1]

1208it [04:17,  2.74it/s, bound:0 nc:  4 ncall:3.4e+03 eff:35.4% logz-
ratio=218.98+/-0.09 dlogz:74.137>0.1]

1209it [04:17,  2.86it/s, bound:0 nc:  4 ncall:3.4e+03 eff:35.4% logz-
ratio=219.03+/-0.09 dlogz:74.089>0.1]

1210it [04:17,  3.52it/s, bound:0 nc:  1 ncall:3.4e+03 eff:35.4% logz-
ratio=219.07+/-0.09 dlogz:74.043>0.1]

1211it [04:18,  3.30it/s, bound:0 nc:  4 ncall:3.4e+03 eff:35.4% logz-
ratio=219.11+/-0.09 dlogz:73.998>0.1]

1213it [04:18,  3.63it/s, bound:0 nc:  4 ncall:3.4e+03 eff:35.4% logz-
ratio=219.19+/-0.09 dlogz:73.914>0.1]

1214it [04:18,  3.87it/s, bound:0 nc:  2 ncall:3.4e+03 eff:35.4% logz-
ratio=219.23+/-0.09 dlogz:73.873>0.1]

1215it [04:19,  4.04it/s, bound:0 nc:  2 ncall:3.4e+03 eff:35.4% logz-
ratio=219.27+/-0.09 dlogz:73.833>0.1]

1216it [04:20,  2.15it/s, bound:0 nc: 12 ncall:3.4e+03 eff:35.3% logz-
ratio=219.31+/-0.09 dlogz:73.792>0.1]

1217it [04:20,  2.73it/s, bound:0 nc:  1 ncall:3.4e+03 eff:35.3% logz-
ratio=219.36+/-0.09 dlogz:73.750>0.1]

1218it [04:20,  3.43it/s, bound:0 nc:  1 ncall:3.4e+03 eff:35.4% logz-
ratio=219.40+/-0.09 dlogz:73.707>0.1]

1219it [04:20,  3.36it/s, bound:0 nc:  3 ncall:3.4e+03 eff:35.4% logz-
ratio=219.44+/-0.09 dlogz:73.666>0.1]

1220it [04:20,  4.00it/s, bound:0 nc:  1 ncall:3.4e+03 eff:35.4% logz-
ratio=219.47+/-0.09 dlogz:73.625>0.1]

1221it [04:21,  2.81it/s, bound:0 nc:  7 ncall:3.5e+03 eff:35.3% logz-
ratio=219.51+/-0.09 dlogz:73.586>0.1]

1222it [04:21,  2.89it/s, bound:0 nc:  4 ncall:3.5e+03 eff:35.3% logz-
ratio=219.55+/-0.09 dlogz:73.546>0.1]
```

```
1223it [04:22,  2.63it/s, bound:0 nc:  5 ncall:3.5e+03 eff:35.3% logz-
ratio=219.59+/-0.09 dlogz:73.507>0.1]

1224it [04:22,  2.27it/s, bound:0 nc:  6 ncall:3.5e+03 eff:35.3% logz-
ratio=219.63+/-0.09 dlogz:73.468>0.1]

1225it [04:22,  2.87it/s, bound:0 nc:  1 ncall:3.5e+03 eff:35.3% logz-
ratio=219.67+/-0.09 dlogz:73.429>0.1]

1226it [04:23,  2.97it/s, bound:0 nc:  3 ncall:3.5e+03 eff:35.3% logz-
ratio=219.70+/-0.09 dlogz:73.390>0.1]

1227it [04:23,  3.38it/s, bound:0 nc:  2 ncall:3.5e+03 eff:35.3% logz-
ratio=219.74+/-0.09 dlogz:73.350>0.1]

1228it [04:23,  4.17it/s, bound:0 nc:  1 ncall:3.5e+03 eff:35.3% logz-
ratio=219.78+/-0.09 dlogz:73.310>0.1]

1229it [04:23,  3.97it/s, bound:0 nc:  3 ncall:3.5e+03 eff:35.3% logz-
ratio=219.82+/-0.09 dlogz:73.270>0.1]

1230it [04:24,  2.70it/s, bound:0 nc:  7 ncall:3.5e+03 eff:35.3% logz-
ratio=219.86+/-0.09 dlogz:73.231>0.1]

1231it [04:24,  3.34it/s, bound:0 nc:  1 ncall:3.5e+03 eff:35.3% logz-
ratio=219.90+/-0.09 dlogz:73.192>0.1]

1232it [04:24,  3.63it/s, bound:0 nc:  2 ncall:3.5e+03 eff:35.3% logz-
ratio=219.93+/-0.09 dlogz:73.152>0.1]

1233it [04:25,  3.20it/s, bound:0 nc:  4 ncall:3.5e+03 eff:35.3% logz-
ratio=219.97+/-0.09 dlogz:73.114>0.1]

1234it [04:25,  2.60it/s, bound:0 nc:  7 ncall:3.5e+03 eff:35.2% logz-
ratio=220.01+/-0.09 dlogz:73.076>0.1]

1235it [04:25,  3.23it/s, bound:0 nc:  1 ncall:3.5e+03 eff:35.3% logz-
ratio=220.05+/-0.09 dlogz:73.038>0.1]

1236it [04:26,  3.61it/s, bound:0 nc:  2 ncall:3.5e+03 eff:35.3% logz-
ratio=220.08+/-0.09 dlogz:73.000>0.1]

1237it [04:26,  4.36it/s, bound:0 nc:  1 ncall:3.5e+03 eff:35.3% logz-
ratio=220.12+/-0.09 dlogz:72.962>0.1]

1238it [04:26,  4.09it/s, bound:0 nc:  2 ncall:3.5e+03 eff:35.3% logz-
ratio=220.16+/-0.09 dlogz:72.922>0.1]
```

```
1239it [04:26,  4.04it/s, bound:0 nc:  2 ncall:3.5e+03 eff:35.3% logz-
ratio=220.20+/-0.09 dlogz:72.881>0.1]

1240it [04:26,  4.13it/s, bound:0 nc:  2 ncall:3.5e+03 eff:35.3% logz-
ratio=220.25+/-0.09 dlogz:72.838>0.1]

1241it [04:27,  4.97it/s, bound:0 nc:  1 ncall:3.5e+03 eff:35.3% logz-
ratio=220.29+/-0.09 dlogz:72.795>0.1]

1242it [04:27,  5.58it/s, bound:0 nc:  1 ncall:3.5e+03 eff:35.4% logz-
ratio=220.33+/-0.09 dlogz:72.751>0.1]

1243it [04:27,  6.34it/s, bound:0 nc:  1 ncall:3.5e+03 eff:35.4% logz-
ratio=220.37+/-0.09 dlogz:72.706>0.1]

1244it [04:27,  6.72it/s, bound:0 nc:  1 ncall:3.5e+03 eff:35.4% logz-
ratio=220.41+/-0.09 dlogz:72.664>0.1]

1245it [04:28,  2.99it/s, bound:0 nc:  8 ncall:3.5e+03 eff:35.3% logz-
ratio=220.45+/-0.09 dlogz:72.622>0.1]

1246it [04:29,  2.04it/s, bound:0 nc:  9 ncall:3.5e+03 eff:35.3% logz-
ratio=220.49+/-0.09 dlogz:72.581>0.1]

1247it [04:29,  2.37it/s, bound:0 nc:  3 ncall:3.5e+03 eff:35.3% logz-
ratio=220.53+/-0.09 dlogz:72.541>0.1]

1248it [04:29,  2.09it/s, bound:0 nc:  7 ncall:3.5e+03 eff:35.2% logz-
ratio=220.57+/-0.09 dlogz:72.500>0.1]

1249it [04:30,  2.28it/s, bound:0 nc:  4 ncall:3.5e+03 eff:35.2% logz-
ratio=220.61+/-0.09 dlogz:72.459>0.1]

1251it [04:30,  2.50it/s, bound:0 nc:  6 ncall:3.6e+03 eff:35.2% logz-
ratio=220.69+/-0.09 dlogz:72.380>0.1]

1252it [04:31,  2.26it/s, bound:0 nc:  6 ncall:3.6e+03 eff:35.2% logz-
ratio=220.73+/-0.09 dlogz:72.340>0.1]

1253it [04:31,  2.93it/s, bound:0 nc:  1 ncall:3.6e+03 eff:35.2% logz-
ratio=220.77+/-0.09 dlogz:72.301>0.1]

1254it [04:31,  3.70it/s, bound:0 nc:  1 ncall:3.6e+03 eff:35.2% logz-
ratio=220.80+/-0.09 dlogz:72.262>0.1]

1255it [04:31,  4.45it/s, bound:0 nc:  1 ncall:3.6e+03 eff:35.2% logz-
ratio=220.84+/-0.09 dlogz:72.223>0.1]
```

```
1256it [04:32,  3.24it/s, bound:0 nc:  6 ncall:3.6e+03 eff:35.2% logz-
ratio=220.88+/-0.09 dlogz:72.184>0.1]

1257it [04:33,  2.15it/s, bound:0 nc:  9 ncall:3.6e+03 eff:35.1% logz-
ratio=220.92+/-0.09 dlogz:72.146>0.1]

1258it [04:33,  2.80it/s, bound:0 nc:  1 ncall:3.6e+03 eff:35.2% logz-
ratio=220.95+/-0.09 dlogz:72.107>0.1]

1259it [04:33,  3.09it/s, bound:0 nc:  3 ncall:3.6e+03 eff:35.2% logz-
ratio=220.99+/-0.09 dlogz:72.070>0.1]

1261it [04:34,  3.19it/s, bound:0 nc:  6 ncall:3.6e+03 eff:35.1% logz-
ratio=221.06+/-0.09 dlogz:71.995>0.1]

1262it [04:34,  3.67it/s, bound:0 nc:  2 ncall:3.6e+03 eff:35.2% logz-
ratio=221.10+/-0.09 dlogz:71.957>0.1]

1263it [04:34,  3.91it/s, bound:0 nc:  2 ncall:3.6e+03 eff:35.2% logz-
ratio=221.14+/-0.09 dlogz:71.919>0.1]

1264it [04:34,  3.48it/s, bound:0 nc:  4 ncall:3.6e+03 eff:35.2% logz-
ratio=221.18+/-0.09 dlogz:71.880>0.1]

1265it [04:35,  2.45it/s, bound:0 nc:  8 ncall:3.6e+03 eff:35.1% logz-
ratio=221.21+/-0.09 dlogz:71.841>0.1]

1266it [04:35,  2.49it/s, bound:0 nc:  5 ncall:3.6e+03 eff:35.1% logz-
ratio=221.25+/-0.09 dlogz:71.803>0.1]

1267it [04:36,  2.58it/s, bound:0 nc:  4 ncall:3.6e+03 eff:35.1% logz-
ratio=221.28+/-0.09 dlogz:71.766>0.1]

1268it [04:36,  3.04it/s, bound:0 nc:  2 ncall:3.6e+03 eff:35.1% logz-
ratio=221.32+/-0.09 dlogz:71.730>0.1]

1269it [04:36,  3.72it/s, bound:0 nc:  1 ncall:3.6e+03 eff:35.1% logz-
ratio=221.35+/-0.09 dlogz:71.694>0.1]

1270it [04:36,  4.06it/s, bound:0 nc:  2 ncall:3.6e+03 eff:35.1% logz-
ratio=221.39+/-0.09 dlogz:71.659>0.1]

1271it [04:37,  3.05it/s, bound:0 nc:  6 ncall:3.6e+03 eff:35.1% logz-
ratio=221.42+/-0.09 dlogz:71.624>0.1]

1272it [04:37,  3.81it/s, bound:0 nc:  1 ncall:3.6e+03 eff:35.1% logz-
ratio=221.46+/-0.09 dlogz:71.588>0.1]
```

```
1273it [04:38,  2.42it/s, bound:0 nc:  9 ncall:3.6e+03 eff:35.0% logz-
ratio=221.49+/-0.09 dlogz:71.552>0.1]

1274it [04:38,  2.86it/s, bound:0 nc:  2 ncall:3.6e+03 eff:35.0% logz-
ratio=221.53+/-0.09 dlogz:71.517>0.1]

1275it [04:38,  3.14it/s, bound:0 nc:  3 ncall:3.6e+03 eff:35.0% logz-
ratio=221.56+/-0.09 dlogz:71.481>0.1]

1277it [04:38,  3.56it/s, bound:0 nc:  4 ncall:3.6e+03 eff:35.0% logz-
ratio=221.63+/-0.09 dlogz:71.410>0.1]

1278it [04:39,  4.37it/s, bound:0 nc:  1 ncall:3.6e+03 eff:35.1% logz-
ratio=221.67+/-0.09 dlogz:71.371>0.1]

1279it [04:40,  2.19it/s, bound:0 nc: 12 ncall:3.7e+03 eff:35.0% logz-
ratio=221.72+/-0.09 dlogz:71.328>0.1]

1280it [04:40,  2.64it/s, bound:0 nc:  2 ncall:3.7e+03 eff:35.0% logz-
ratio=221.76+/-0.09 dlogz:71.285>0.1]

1281it [04:40,  3.36it/s, bound:0 nc:  1 ncall:3.7e+03 eff:35.0% logz-
ratio=221.80+/-0.09 dlogz:71.244>0.1]

1283it [04:40,  4.26it/s, bound:0 nc:  1 ncall:3.7e+03 eff:35.0% logz-
ratio=221.88+/-0.09 dlogz:71.161>0.1]

1284it [04:40,  3.40it/s, bound:0 nc:  5 ncall:3.7e+03 eff:35.0% logz-
ratio=221.92+/-0.09 dlogz:71.120>0.1]

1285it [04:41,  3.05it/s, bound:0 nc:  5 ncall:3.7e+03 eff:35.0% logz-
ratio=221.96+/-0.09 dlogz:71.079>0.1]

1286it [04:41,  3.48it/s, bound:0 nc:  2 ncall:3.7e+03 eff:35.0% logz-
ratio=222.00+/-0.09 dlogz:71.036>0.1]

1287it [04:41,  3.53it/s, bound:0 nc:  3 ncall:3.7e+03 eff:35.0% logz-
ratio=222.04+/-0.09 dlogz:70.993>0.1]

1288it [04:42,  3.62it/s, bound:0 nc:  3 ncall:3.7e+03 eff:35.0% logz-
ratio=222.08+/-0.09 dlogz:70.953>0.1]

1289it [04:42,  4.44it/s, bound:0 nc:  1 ncall:3.7e+03 eff:35.0% logz-
ratio=222.12+/-0.09 dlogz:70.913>0.1]

1290it [04:43,  2.38it/s, bound:0 nc: 11 ncall:3.7e+03 eff:34.9% logz-
ratio=222.16+/-0.09 dlogz:70.874>0.1]
```

```
1291it [04:43,  2.28it/s, bound:0 nc:  6 ncall:3.7e+03 eff:34.9% logz-
ratio=222.19+/-0.09 dlogz:70.835>0.1]

1292it [04:44,  2.11it/s, bound:0 nc:  6 ncall:3.7e+03 eff:34.9% logz-
ratio=222.23+/-0.09 dlogz:70.795>0.1]

1293it [04:44,  2.75it/s, bound:0 nc:  1 ncall:3.7e+03 eff:34.9% logz-
ratio=222.27+/-0.09 dlogz:70.755>0.1]

1294it [04:44,  3.16it/s, bound:0 nc:  2 ncall:3.7e+03 eff:34.9% logz-
ratio=222.31+/-0.09 dlogz:70.715>0.1]

1295it [04:45,  2.03it/s, bound:0 nc: 10 ncall:3.7e+03 eff:34.8% logz-
ratio=222.35+/-0.09 dlogz:70.676>0.1]

1296it [04:45,  2.64it/s, bound:0 nc:  1 ncall:3.7e+03 eff:34.9% logz-
ratio=222.39+/-0.09 dlogz:70.637>0.1]

1297it [04:45,  3.36it/s, bound:0 nc:  1 ncall:3.7e+03 eff:34.9% logz-
ratio=222.43+/-0.09 dlogz:70.597>0.1]

1298it [04:46,  2.95it/s, bound:0 nc:  5 ncall:3.7e+03 eff:34.9% logz-
ratio=222.46+/-0.09 dlogz:70.558>0.1]

1300it [04:46,  3.43it/s, bound:0 nc:  3 ncall:3.7e+03 eff:34.9% logz-
ratio=222.54+/-0.09 dlogz:70.481>0.1]

1301it [04:46,  3.86it/s, bound:0 nc:  2 ncall:3.7e+03 eff:34.9% logz-
ratio=222.58+/-0.09 dlogz:70.442>0.1]

1302it [04:46,  4.64it/s, bound:0 nc:  1 ncall:3.7e+03 eff:34.9% logz-
ratio=222.61+/-0.09 dlogz:70.403>0.1]

1303it [04:46,  4.39it/s, bound:0 nc:  3 ncall:3.7e+03 eff:34.9% logz-
ratio=222.65+/-0.09 dlogz:70.364>0.1]

1304it [04:47,  4.23it/s, bound:0 nc:  3 ncall:3.7e+03 eff:34.9% logz-
ratio=222.69+/-0.09 dlogz:70.325>0.1]

1305it [04:47,  4.44it/s, bound:0 nc:  2 ncall:3.7e+03 eff:34.9% logz-
ratio=222.73+/-0.09 dlogz:70.287>0.1]

1306it [04:48,  2.83it/s, bound:0 nc:  7 ncall:3.7e+03 eff:34.9% logz-
ratio=222.76+/-0.09 dlogz:70.250>0.1]

1307it [04:48,  3.18it/s, bound:0 nc:  2 ncall:3.7e+03 eff:34.9% logz-
ratio=222.79+/-0.09 dlogz:70.215>0.1]
```

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1308it [04:48,  3.17it/s, bound:0 nc:  4 ncall:3.8e+03 eff:34.9% logz-
ratio=222.83+/-0.09 dlogz:70.179>0.1]

1309it [04:49,  2.68it/s, bound:0 nc:  6 ncall:3.8e+03 eff:34.8% logz-
ratio=222.86+/-0.09 dlogz:70.144>0.1]

1310it [04:49,  2.19it/s, bound:0 nc:  8 ncall:3.8e+03 eff:34.8% logz-
ratio=222.90+/-0.09 dlogz:70.110>0.1]

1312it [04:50,  2.54it/s, bound:0 nc:  5 ncall:3.8e+03 eff:34.8% logz-
ratio=222.99+/-0.09 dlogz:70.026>0.1]

1313it [04:50,  3.03it/s, bound:0 nc:  2 ncall:3.8e+03 eff:34.8% logz-
ratio=223.04+/-0.09 dlogz:69.978>0.1]

1314it [04:50,  3.48it/s, bound:0 nc:  2 ncall:3.8e+03 eff:34.8% logz-
ratio=223.08+/-0.09 dlogz:69.931>0.1]

1315it [04:51,  2.70it/s, bound:0 nc:  6 ncall:3.8e+03 eff:34.8% logz-
ratio=223.12+/-0.09 dlogz:69.886>0.1]

1316it [04:51,  2.50it/s, bound:0 nc:  5 ncall:3.8e+03 eff:34.8% logz-
ratio=223.17+/-0.09 dlogz:69.842>0.1]

1317it [04:51,  2.92it/s, bound:0 nc:  2 ncall:3.8e+03 eff:34.8% logz-
ratio=223.22+/-0.09 dlogz:69.795>0.1]

1318it [04:51,  3.67it/s, bound:0 nc:  1 ncall:3.8e+03 eff:34.8% logz-
ratio=223.26+/-0.09 dlogz:69.747>0.1]

1319it [04:52,  4.02it/s, bound:0 nc:  2 ncall:3.8e+03 eff:34.8% logz-
ratio=223.31+/-0.09 dlogz:69.699>0.1]

1320it [04:52,  4.85it/s, bound:0 nc:  1 ncall:3.8e+03 eff:34.8% logz-
ratio=223.36+/-0.09 dlogz:69.651>0.1]

1321it [04:52,  3.23it/s, bound:0 nc:  6 ncall:3.8e+03 eff:34.8% logz-
ratio=223.40+/-0.09 dlogz:69.605>0.1]

1322it [04:53,  2.60it/s, bound:0 nc:  6 ncall:3.8e+03 eff:34.7% logz-
ratio=223.44+/-0.09 dlogz:69.559>0.1]

1323it [04:53,  3.12it/s, bound:0 nc:  2 ncall:3.8e+03 eff:34.8% logz-
ratio=223.49+/-0.09 dlogz:69.515>0.1]

1324it [04:54,  2.60it/s, bound:0 nc:  6 ncall:3.8e+03 eff:34.7% logz-
ratio=223.53+/-0.09 dlogz:69.470>0.1]
```

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1326it [04:54,  3.40it/s, bound:0 nc:  1 ncall:3.8e+03 eff:34.8% logz-
ratio=223.62+/-0.09 dlogz:69.380>0.1]

1327it [04:54,  4.19it/s, bound:0 nc:  1 ncall:3.8e+03 eff:34.8% logz-
ratio=223.66+/-0.09 dlogz:69.336>0.1]

1328it [04:54,  2.77it/s, bound:0 nc:  7 ncall:3.8e+03 eff:34.7% logz-
ratio=223.70+/-0.09 dlogz:69.294>0.1]

1329it [04:55,  2.72it/s, bound:0 nc:  4 ncall:3.8e+03 eff:34.7% logz-
ratio=223.74+/-0.09 dlogz:69.252>0.1]

1330it [04:55,  3.13it/s, bound:0 nc:  3 ncall:3.8e+03 eff:34.7% logz-
ratio=223.78+/-0.09 dlogz:69.211>0.1]

1331it [04:55,  3.91it/s, bound:0 nc:  1 ncall:3.8e+03 eff:34.7% logz-
ratio=223.82+/-0.09 dlogz:69.169>0.1]

1332it [04:55,  4.72it/s, bound:0 nc:  1 ncall:3.8e+03 eff:34.8% logz-
ratio=223.86+/-0.09 dlogz:69.128>0.1]

1333it [04:55,  5.44it/s, bound:0 nc:  1 ncall:3.8e+03 eff:34.8% logz-
ratio=223.90+/-0.09 dlogz:69.087>0.1]

1334it [04:56,  3.55it/s, bound:0 nc:  6 ncall:3.8e+03 eff:34.7% logz-
ratio=223.94+/-0.09 dlogz:69.046>0.1]

1335it [04:56,  3.36it/s, bound:0 nc:  4 ncall:3.8e+03 eff:34.7% logz-
ratio=223.98+/-0.09 dlogz:69.004>0.1]

1336it [04:56,  4.04it/s, bound:0 nc:  1 ncall:3.8e+03 eff:34.8% logz-
ratio=224.02+/-0.09 dlogz:68.962>0.1]

1337it [04:57,  4.74it/s, bound:0 nc:  1 ncall:3.8e+03 eff:34.8% logz-
ratio=224.06+/-0.09 dlogz:68.920>0.1]

1338it [04:57,  3.31it/s, bound:0 nc:  6 ncall:3.9e+03 eff:34.7% logz-
ratio=224.10+/-0.09 dlogz:68.879>0.1]

1340it [04:57,  3.85it/s, bound:0 nc:  3 ncall:3.9e+03 eff:34.8% logz-
ratio=224.18+/-0.09 dlogz:68.801>0.1]

1341it [04:58,  4.16it/s, bound:0 nc:  2 ncall:3.9e+03 eff:34.8% logz-
ratio=224.21+/-0.09 dlogz:68.764>0.1]

1342it [04:58,  4.95it/s, bound:0 nc:  1 ncall:3.9e+03 eff:34.8% logz-
ratio=224.25+/-0.09 dlogz:68.727>0.1]
```

```
1343it [04:58,  4.81it/s, bound:0 nc:  2 ncall:3.9e+03 eff:34.8% logz-
ratio=224.28+/-0.09 dlogz:68.691>0.1]

1344it [04:58,  4.89it/s, bound:0 nc:  2 ncall:3.9e+03 eff:34.8% logz-
ratio=224.32+/-0.09 dlogz:68.655>0.1]

1345it [04:58,  5.56it/s, bound:0 nc:  1 ncall:3.9e+03 eff:34.8% logz-
ratio=224.35+/-0.09 dlogz:68.618>0.1]

1346it [04:58,  5.85it/s, bound:0 nc:  1 ncall:3.9e+03 eff:34.8% logz-
ratio=224.39+/-0.09 dlogz:68.582>0.1]

1347it [04:59,  3.72it/s, bound:0 nc:  5 ncall:3.9e+03 eff:34.8% logz-
ratio=224.43+/-0.09 dlogz:68.545>0.1]

1348it [04:59,  4.13it/s, bound:0 nc:  2 ncall:3.9e+03 eff:34.8% logz-
ratio=224.46+/-0.09 dlogz:68.506>0.1]

1349it [04:59,  4.91it/s, bound:0 nc:  1 ncall:3.9e+03 eff:34.8% logz-
ratio=224.50+/-0.09 dlogz:68.468>0.1]

1350it [04:59,  5.56it/s, bound:0 nc:  1 ncall:3.9e+03 eff:34.9% logz-
ratio=224.54+/-0.09 dlogz:68.430>0.1]

1351it [04:59,  5.19it/s, bound:0 nc:  2 ncall:3.9e+03 eff:34.9% logz-
ratio=224.58+/-0.09 dlogz:68.390>0.1]

1352it [05:00,  5.84it/s, bound:0 nc:  1 ncall:3.9e+03 eff:34.9% logz-
ratio=224.62+/-0.09 dlogz:68.350>0.1]

1353it [05:01,  1.81it/s, bound:0 nc: 15 ncall:3.9e+03 eff:34.8% logz-
ratio=224.65+/-0.09 dlogz:68.311>0.1]

1354it [05:01,  1.95it/s, bound:0 nc:  5 ncall:3.9e+03 eff:34.8% logz-
ratio=224.69+/-0.09 dlogz:68.273>0.1]

1355it [05:02,  1.76it/s, bound:0 nc:  7 ncall:3.9e+03 eff:34.7% logz-
ratio=224.73+/-0.09 dlogz:68.236>0.1]

1356it [05:03,  1.93it/s, bound:0 nc:  4 ncall:3.9e+03 eff:34.7% logz-
ratio=224.77+/-0.09 dlogz:68.195>0.1]

1357it [05:03,  2.07it/s, bound:0 nc:  4 ncall:3.9e+03 eff:34.7% logz-
ratio=224.82+/-0.09 dlogz:68.151>0.1]

1358it [05:03,  2.69it/s, bound:0 nc:  1 ncall:3.9e+03 eff:34.7% logz-
ratio=224.86+/-0.09 dlogz:68.107>0.1]
```

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1359it [05:04,  2.49it/s, bound:0 nc:  4 ncall:3.9e+03 eff:34.7% logz-
ratio=224.90+/-0.09 dlogz:68.063>0.1]

1360it [05:04,  3.05it/s, bound:0 nc:  1 ncall:3.9e+03 eff:34.7% logz-
ratio=224.95+/-0.09 dlogz:68.017>0.1]

1361it [05:04,  2.85it/s, bound:0 nc:  3 ncall:3.9e+03 eff:34.7% logz-
ratio=224.99+/-0.09 dlogz:67.972>0.1]

1362it [05:04,  3.41it/s, bound:0 nc:  1 ncall:3.9e+03 eff:34.7% logz-
ratio=225.03+/-0.09 dlogz:67.929>0.1]

1363it [05:05,  2.84it/s, bound:0 nc:  4 ncall:3.9e+03 eff:34.7% logz-
ratio=225.07+/-0.09 dlogz:67.886>0.1]

1364it [05:05,  3.41it/s, bound:0 nc:  1 ncall:3.9e+03 eff:34.7% logz-
ratio=225.11+/-0.09 dlogz:67.844>0.1]

1365it [05:05,  3.25it/s, bound:0 nc:  2 ncall:3.9e+03 eff:34.8% logz-
ratio=225.15+/-0.09 dlogz:67.803>0.1]

1366it [05:06,  2.87it/s, bound:0 nc:  3 ncall:3.9e+03 eff:34.7% logz-
ratio=225.19+/-0.09 dlogz:67.762>0.1]

1367it [05:06,  2.18it/s, bound:0 nc:  5 ncall:3.9e+03 eff:34.7% logz-
ratio=225.23+/-0.09 dlogz:67.721>0.1]

1368it [05:07,  2.50it/s, bound:0 nc:  2 ncall:3.9e+03 eff:34.7% logz-
ratio=225.27+/-0.09 dlogz:67.681>0.1]

1369it [05:07,  2.28it/s, bound:0 nc:  4 ncall:3.9e+03 eff:34.7% logz-
ratio=225.31+/-0.09 dlogz:67.642>0.1]

1370it [05:07,  2.86it/s, bound:0 nc:  1 ncall:3.9e+03 eff:34.7% logz-
ratio=225.35+/-0.09 dlogz:67.602>0.1]

1371it [05:08,  3.41it/s, bound:0 nc:  1 ncall:3.9e+03 eff:34.8% logz-
ratio=225.38+/-0.09 dlogz:67.564>0.1]

1372it [05:08,  3.57it/s, bound:0 nc:  2 ncall:3.9e+03 eff:34.8% logz-
ratio=225.42+/-0.09 dlogz:67.526>0.1]

1373it [05:08,  2.65it/s, bound:0 nc:  5 ncall:4.0e+03 eff:34.8% logz-
ratio=225.46+/-0.09 dlogz:67.488>0.1]

1374it [05:09,  2.05it/s, bound:0 nc:  6 ncall:4.0e+03 eff:34.7% logz-
ratio=225.50+/-0.09 dlogz:67.448>0.1]
```

```
1375it [05:09,  2.35it/s, bound:0 nc:  2 ncall:4.0e+03 eff:34.7% logz-
ratio=225.54+/-0.09 dlogz:67.408>0.1]

1376it [05:10,  2.83it/s, bound:0 nc:  1 ncall:4.0e+03 eff:34.7% logz-
ratio=225.58+/-0.09 dlogz:67.368>0.1]

1377it [05:10,  3.47it/s, bound:0 nc:  1 ncall:4.0e+03 eff:34.8% logz-
ratio=225.61+/-0.09 dlogz:67.328>0.1]

1378it [05:10,  4.03it/s, bound:0 nc:  1 ncall:4.0e+03 eff:34.8% logz-
ratio=225.65+/-0.09 dlogz:67.289>0.1]

1379it [05:10,  3.21it/s, bound:0 nc:  4 ncall:4.0e+03 eff:34.8% logz-
ratio=225.69+/-0.09 dlogz:67.249>0.1]

1380it [05:11,  2.79it/s, bound:0 nc:  4 ncall:4.0e+03 eff:34.8% logz-
ratio=225.74+/-0.09 dlogz:67.208>0.1]

1381it [05:11,  2.32it/s, bound:0 nc:  7 ncall:4.0e+03 eff:34.7% logz-
ratio=225.78+/-0.09 dlogz:67.164>0.1]

1382it [05:12,  2.53it/s, bound:0 nc:  3 ncall:4.0e+03 eff:34.7% logz-
ratio=225.82+/-0.09 dlogz:67.122>0.1]

1383it [05:12,  3.16it/s, bound:0 nc:  1 ncall:4.0e+03 eff:34.7% logz-
ratio=225.86+/-0.09 dlogz:67.078>0.1]

1384it [05:12,  3.45it/s, bound:0 nc:  2 ncall:4.0e+03 eff:34.7% logz-
ratio=225.91+/-0.09 dlogz:67.033>0.1]

1386it [05:12,  4.19it/s, bound:0 nc:  2 ncall:4.0e+03 eff:34.8% logz-
ratio=225.99+/-0.09 dlogz:66.945>0.1]

1387it [05:13,  3.70it/s, bound:0 nc:  3 ncall:4.0e+03 eff:34.8% logz-
ratio=226.03+/-0.09 dlogz:66.902>0.1]

1388it [05:13,  3.02it/s, bound:0 nc:  5 ncall:4.0e+03 eff:34.8% logz-
ratio=226.08+/-0.09 dlogz:66.860>0.1]

1389it [05:13,  3.53it/s, bound:0 nc:  2 ncall:4.0e+03 eff:34.8% logz-
ratio=226.12+/-0.09 dlogz:66.816>0.1]

1390it [05:13,  4.35it/s, bound:0 nc:  1 ncall:4.0e+03 eff:34.8% logz-
ratio=226.17+/-0.09 dlogz:66.769>0.1]

1391it [05:14,  2.90it/s, bound:0 nc:  6 ncall:4.0e+03 eff:34.7% logz-
ratio=226.22+/-0.09 dlogz:66.721>0.1]
```

1392it [05:14, 3.24it/s, bound:0 nc: 2 ncall:4.0e+03 eff:34.8% logz-ratio=226.26+/-0.09 dlogz:66.674>0.1]

1393it [05:14, 3.91it/s, bound:0 nc: 1 ncall:4.0e+03 eff:34.8% logz-ratio=226.30+/-0.09 dlogz:66.629>0.1]

1394it [05:15, 2.59it/s, bound:0 nc: 7 ncall:4.0e+03 eff:34.7% logz-ratio=226.34+/-0.09 dlogz:66.584>0.1]

1395it [05:16, 1.53it/s, bound:0 nc: 10 ncall:4.0e+03 eff:34.7% logz-ratio=226.39+/-0.09 dlogz:66.542>0.1]

1396it [05:17, 1.89it/s, bound:0 nc: 2 ncall:4.0e+03 eff:34.7% logz-ratio=226.43+/-0.09 dlogz:66.500>0.1]

1397it [05:18, 1.36it/s, bound:0 nc: 13 ncall:4.0e+03 eff:34.6% logz-ratio=226.46+/-0.09 dlogz:66.459>0.1]

1398it [05:19, 1.26it/s, bound:0 nc: 9 ncall:4.0e+03 eff:34.5% logz-ratio=226.50+/-0.09 dlogz:66.420>0.1]

1399it [05:19, 1.68it/s, bound:0 nc: 1 ncall:4.0e+03 eff:34.6% logz-ratio=226.54+/-0.09 dlogz:66.380>0.1]

1400it [05:19, 1.66it/s, bound:0 nc: 6 ncall:4.1e+03 eff:34.5% logz-ratio=226.58+/-0.09 dlogz:66.342>0.1]

1401it [05:20, 1.84it/s, bound:0 nc: 4 ncall:4.1e+03 eff:34.5% logz-ratio=226.61+/-0.09 dlogz:66.305>0.1]

1402it [05:20, 2.39it/s, bound:0 nc: 1 ncall:4.1e+03 eff:34.5% logz-ratio=226.65+/-0.09 dlogz:66.266>0.1]

1403it [05:21, 2.18it/s, bound:0 nc: 5 ncall:4.1e+03 eff:34.5% logz-ratio=226.69+/-0.09 dlogz:66.227>0.1]

1404it [05:21, 2.50it/s, bound:0 nc: 2 ncall:4.1e+03 eff:34.5% logz-ratio=226.73+/-0.09 dlogz:66.188>0.1]

1405it [05:22, 1.76it/s, bound:0 nc: 9 ncall:4.1e+03 eff:34.5% logz-ratio=226.76+/-0.09 dlogz:66.150>0.1]

1406it [05:22, 1.69it/s, bound:0 nc: 7 ncall:4.1e+03 eff:34.4% logz-ratio=226.80+/-0.09 dlogz:66.113>0.1]

1407it [05:23, 2.20it/s, bound:0 nc: 1 ncall:4.1e+03 eff:34.5% logz-ratio=226.83+/-0.09 dlogz:66.077>0.1]

1408it [05:24, 1.26it/s, bound:0 nc: 15 ncall:4.1e+03 eff:34.4% logz-ratio=226.87+/-0.09 dlogz:66.042>0.1]

1409it [05:24, 1.58it/s, bound:0 nc: 2 ncall:4.1e+03 eff:34.4% logz-ratio=226.90+/-0.09 dlogz:66.007>0.1]

1410it [05:25, 1.50it/s, bound:0 nc: 7 ncall:4.1e+03 eff:34.3% logz-ratio=226.93+/-0.09 dlogz:65.973>0.1]

1411it [05:26, 1.22it/s, bound:0 nc: 12 ncall:4.1e+03 eff:34.3% logz-ratio=226.96+/-0.09 dlogz:65.939>0.1]

1412it [05:27, 1.55it/s, bound:0 nc: 2 ncall:4.1e+03 eff:34.3% logz-ratio=227.00+/-0.09 dlogz:65.905>0.1]

1413it [05:27, 1.92it/s, bound:0 nc: 2 ncall:4.1e+03 eff:34.3% logz-ratio=227.04+/-0.09 dlogz:65.868>0.1]

1414it [05:27, 2.50it/s, bound:0 nc: 1 ncall:4.1e+03 eff:34.3% logz-ratio=227.07+/-0.09 dlogz:65.832>0.1]

1415it [05:27, 3.13it/s, bound:0 nc: 1 ncall:4.1e+03 eff:34.3% logz-ratio=227.11+/-0.09 dlogz:65.796>0.1]

1416it [05:27, 3.19it/s, bound:0 nc: 3 ncall:4.1e+03 eff:34.3% logz-ratio=227.14+/-0.09 dlogz:65.760>0.1]

1417it [05:28, 2.18it/s, bound:0 nc: 9 ncall:4.1e+03 eff:34.3% logz-ratio=227.18+/-0.09 dlogz:65.723>0.1]

1418it [05:28, 2.82it/s, bound:0 nc: 1 ncall:4.1e+03 eff:34.3% logz-ratio=227.21+/-0.09 dlogz:65.686>0.1]

1419it [05:29, 2.36it/s, bound:0 nc: 7 ncall:4.1e+03 eff:34.2% logz-ratio=227.25+/-0.09 dlogz:65.649>0.1]

1420it [05:29, 3.05it/s, bound:0 nc: 1 ncall:4.1e+03 eff:34.2% logz-ratio=227.28+/-0.09 dlogz:65.613>0.1]

1421it [05:32, 1.06s/it, bound:0 nc: 31 ncall:4.2e+03 eff:34.0% logz-ratio=227.32+/-0.09 dlogz:65.578>0.1]

1422it [05:32, 1.12it/s, bound:0 nc: 6 ncall:4.2e+03 eff:34.0% logz-ratio=227.35+/-0.09 dlogz:65.542>0.1]

1423it [05:32, 1.44it/s, bound:0 nc: 3 ncall:4.2e+03 eff:34.0% logz-ratio=227.39+/-0.09 dlogz:65.505>0.1]

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1424it [05:33,  1.86it/s, bound:0 nc:  2 ncall:4.2e+03 eff:34.0% logz-
ratio=227.43+/-0.09 dlogz:65.468>0.1]

1425it [05:33,  2.08it/s, bound:0 nc:  4 ncall:4.2e+03 eff:34.0% logz-
ratio=227.47+/-0.09 dlogz:65.428>0.1]

1426it [05:33,  2.72it/s, bound:0 nc:  1 ncall:4.2e+03 eff:34.0% logz-
ratio=227.51+/-0.09 dlogz:65.386>0.1]

1427it [05:33,  2.85it/s, bound:0 nc:  4 ncall:4.2e+03 eff:34.0% logz-
ratio=227.55+/-0.09 dlogz:65.344>0.1]

1428it [05:34,  2.15it/s, bound:0 nc:  8 ncall:4.2e+03 eff:34.0% logz-
ratio=227.59+/-0.09 dlogz:65.304>0.1]

1429it [05:34,  2.53it/s, bound:0 nc:  3 ncall:4.2e+03 eff:34.0% logz-
ratio=227.63+/-0.09 dlogz:65.265>0.1]

1430it [05:35,  3.03it/s, bound:0 nc:  2 ncall:4.2e+03 eff:34.0% logz-
ratio=227.67+/-0.09 dlogz:65.225>0.1]

1431it [05:35,  2.47it/s, bound:0 nc:  6 ncall:4.2e+03 eff:33.9% logz-
ratio=227.71+/-0.09 dlogz:65.185>0.1]

1432it [05:35,  3.16it/s, bound:0 nc:  1 ncall:4.2e+03 eff:34.0% logz-
ratio=227.74+/-0.09 dlogz:65.144>0.1]

1433it [05:35,  3.33it/s, bound:0 nc:  3 ncall:4.2e+03 eff:34.0% logz-
ratio=227.78+/-0.09 dlogz:65.104>0.1]

1434it [05:36,  3.08it/s, bound:0 nc:  4 ncall:4.2e+03 eff:33.9% logz-
ratio=227.82+/-0.09 dlogz:65.064>0.1]

1435it [05:36,  3.87it/s, bound:0 nc:  1 ncall:4.2e+03 eff:34.0% logz-
ratio=227.86+/-0.09 dlogz:65.024>0.1]

1436it [05:36,  3.99it/s, bound:0 nc:  2 ncall:4.2e+03 eff:34.0% logz-
ratio=227.90+/-0.09 dlogz:64.983>0.1]

1437it [05:36,  4.20it/s, bound:0 nc:  2 ncall:4.2e+03 eff:34.0% logz-
ratio=227.94+/-0.09 dlogz:64.942>0.1]

1438it [05:37,  5.01it/s, bound:0 nc:  1 ncall:4.2e+03 eff:34.0% logz-
ratio=227.99+/-0.09 dlogz:64.900>0.1]

1439it [05:37,  4.57it/s, bound:0 nc:  3 ncall:4.2e+03 eff:34.0% logz-
ratio=228.03+/-0.09 dlogz:64.857>0.1]
```

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1440it [05:37,  5.41it/s, bound:0 nc:  1 ncall:4.2e+03 eff:34.0% logz-
ratio=228.07+/-0.09 dlogz:64.814>0.1]

1441it [05:37,  4.42it/s, bound:0 nc:  4 ncall:4.2e+03 eff:34.0% logz-
ratio=228.11+/-0.09 dlogz:64.773>0.1]

1442it [05:37,  4.58it/s, bound:0 nc:  2 ncall:4.2e+03 eff:34.0% logz-
ratio=228.15+/-0.09 dlogz:64.731>0.1]

1443it [05:38,  5.38it/s, bound:0 nc:  1 ncall:4.2e+03 eff:34.0% logz-
ratio=228.19+/-0.09 dlogz:64.690>0.1]

1444it [05:39,  1.94it/s, bound:0 nc: 13 ncall:4.3e+03 eff:33.9% logz-
ratio=228.23+/-0.09 dlogz:64.650>0.1]

1445it [05:39,  2.29it/s, bound:0 nc:  2 ncall:4.3e+03 eff:34.0% logz-
ratio=228.26+/-0.09 dlogz:64.610>0.1]

1446it [05:39,  2.85it/s, bound:0 nc:  1 ncall:4.3e+03 eff:34.0% logz-
ratio=228.30+/-0.09 dlogz:64.571>0.1]

1447it [05:39,  3.12it/s, bound:0 nc:  2 ncall:4.3e+03 eff:34.0% logz-
ratio=228.34+/-0.09 dlogz:64.532>0.1]

1448it [05:40,  2.59it/s, bound:0 nc:  5 ncall:4.3e+03 eff:34.0% logz-
ratio=228.38+/-0.09 dlogz:64.493>0.1]

1449it [05:40,  3.30it/s, bound:0 nc:  1 ncall:4.3e+03 eff:34.0% logz-
ratio=228.42+/-0.09 dlogz:64.454>0.1]

1450it [05:41,  2.82it/s, bound:0 nc:  4 ncall:4.3e+03 eff:34.0% logz-
ratio=228.45+/-0.09 dlogz:64.415>0.1]

1451it [05:41,  2.93it/s, bound:0 nc:  3 ncall:4.3e+03 eff:34.0% logz-
ratio=228.49+/-0.09 dlogz:64.378>0.1]

1452it [05:42,  1.92it/s, bound:0 nc: 11 ncall:4.3e+03 eff:33.9% logz-
ratio=228.52+/-0.09 dlogz:64.341>0.1]

1453it [05:45,  1.18s/it, bound:0 nc: 31 ncall:4.3e+03 eff:33.7% logz-
ratio=228.56+/-0.09 dlogz:64.305>0.1]

1454it [05:45,  1.17it/s, bound:0 nc:  1 ncall:4.3e+03 eff:33.7% logz-
ratio=228.59+/-0.09 dlogz:64.270>0.1]

1455it [05:45,  1.58it/s, bound:0 nc:  1 ncall:4.3e+03 eff:33.7% logz-
ratio=228.63+/-0.09 dlogz:64.234>0.1]
```

```
1456it [05:47,  1.06s/it, bound:0 nc: 24 ncall:4.3e+03 eff:33.5% logz-
ratio=228.66+/-0.09 dlogz:64.199>0.1]

1457it [05:47,  1.29it/s, bound:0 nc:  1 ncall:4.3e+03 eff:33.6% logz-
ratio=228.69+/-0.09 dlogz:64.164>0.1]

1458it [05:47,  1.65it/s, bound:0 nc:  2 ncall:4.3e+03 eff:33.6% logz-
ratio=228.73+/-0.09 dlogz:64.129>0.1]

1459it [05:47,  2.20it/s, bound:0 nc:  1 ncall:4.3e+03 eff:33.6% logz-
ratio=228.76+/-0.09 dlogz:64.095>0.1]

1460it [05:48,  1.85it/s, bound:0 nc:  8 ncall:4.4e+03 eff:33.5% logz-
ratio=228.79+/-0.09 dlogz:64.062>0.1]

1461it [05:48,  2.15it/s, bound:0 nc:  3 ncall:4.4e+03 eff:33.5% logz-
ratio=228.83+/-0.09 dlogz:64.027>0.1]

1462it [05:49,  1.86it/s, bound:0 nc:  8 ncall:4.4e+03 eff:33.5% logz-
ratio=228.86+/-0.09 dlogz:63.993>0.1]

1463it [05:49,  2.17it/s, bound:0 nc:  3 ncall:4.4e+03 eff:33.5% logz-
ratio=228.89+/-0.09 dlogz:63.960>0.1]

1464it [05:50,  1.81it/s, bound:0 nc:  9 ncall:4.4e+03 eff:33.5% logz-
ratio=228.92+/-0.09 dlogz:63.927>0.1]

1465it [05:51,  1.57it/s, bound:0 nc:  9 ncall:4.4e+03 eff:33.4% logz-
ratio=228.95+/-0.09 dlogz:63.895>0.1]

1466it [05:51,  1.65it/s, bound:0 nc:  6 ncall:4.4e+03 eff:33.4% logz-
ratio=228.98+/-0.09 dlogz:63.864>0.1]

1467it [05:52,  1.60it/s, bound:0 nc:  9 ncall:4.4e+03 eff:33.3% logz-
ratio=229.01+/-0.09 dlogz:63.832>0.1]

1468it [05:52,  2.02it/s, bound:0 nc:  2 ncall:4.4e+03 eff:33.4% logz-
ratio=229.04+/-0.09 dlogz:63.801>0.1]

1469it [05:53,  1.39it/s, bound:0 nc: 15 ncall:4.4e+03 eff:33.3% logz-
ratio=229.07+/-0.09 dlogz:63.771>0.1]

1470it [05:54,  1.78it/s, bound:0 nc:  2 ncall:4.4e+03 eff:33.3% logz-
ratio=229.10+/-0.09 dlogz:63.741>0.1]

1471it [05:54,  2.26it/s, bound:0 nc:  2 ncall:4.4e+03 eff:33.3% logz-
ratio=229.13+/-0.09 dlogz:63.709>0.1]
```

1472it [05:54, 2.41it/s, bound:0 nc: 4 ncall:4.4e+03 eff:33.3% logz-ratio=229.17+/-0.09 dlogz:63.675>0.1]

1473it [05:55, 1.98it/s, bound:0 nc: 10 ncall:4.4e+03 eff:33.2% logz-ratio=229.20+/-0.09 dlogz:63.642>0.1]

1474it [05:55, 2.18it/s, bound:0 nc: 4 ncall:4.4e+03 eff:33.2% logz-ratio=229.23+/-0.09 dlogz:63.609>0.1]

1475it [05:56, 1.74it/s, bound:0 nc: 10 ncall:4.4e+03 eff:33.2% logz-ratio=229.26+/-0.09 dlogz:63.576>0.1]

1476it [05:56, 2.08it/s, bound:0 nc: 3 ncall:4.5e+03 eff:33.2% logz-ratio=229.29+/-0.09 dlogz:63.543>0.1]

1477it [05:57, 1.95it/s, bound:0 nc: 7 ncall:4.5e+03 eff:33.1% logz-ratio=229.33+/-0.09 dlogz:63.510>0.1]

1478it [05:57, 2.57it/s, bound:0 nc: 1 ncall:4.5e+03 eff:33.1% logz-ratio=229.36+/-0.09 dlogz:63.477>0.1]

1479it [05:58, 1.91it/s, bound:0 nc: 10 ncall:4.5e+03 eff:33.1% logz-ratio=229.39+/-0.09 dlogz:63.444>0.1]

1480it [05:58, 2.26it/s, bound:0 nc: 3 ncall:4.5e+03 eff:33.1% logz-ratio=229.42+/-0.09 dlogz:63.411>0.1]

1481it [05:58, 2.76it/s, bound:0 nc: 2 ncall:4.5e+03 eff:33.1% logz-ratio=229.45+/-0.09 dlogz:63.378>0.1]

1482it [05:59, 2.95it/s, bound:0 nc: 3 ncall:4.5e+03 eff:33.1% logz-ratio=229.48+/-0.09 dlogz:63.346>0.1]

1483it [05:59, 2.66it/s, bound:0 nc: 5 ncall:4.5e+03 eff:33.1% logz-ratio=229.52+/-0.09 dlogz:63.314>0.1]

1484it [05:59, 2.82it/s, bound:0 nc: 3 ncall:4.5e+03 eff:33.1% logz-ratio=229.55+/-0.09 dlogz:63.280>0.1]

1485it [05:59, 3.58it/s, bound:0 nc: 1 ncall:4.5e+03 eff:33.1% logz-ratio=229.59+/-0.09 dlogz:63.245>0.1]

1486it [06:00, 3.83it/s, bound:0 nc: 2 ncall:4.5e+03 eff:33.1% logz-ratio=229.62+/-0.09 dlogz:63.210>0.1]

1487it [06:00, 3.24it/s, bound:0 nc: 4 ncall:4.5e+03 eff:33.1% logz-ratio=229.65+/-0.09 dlogz:63.174>0.1]

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1488it [06:01,  2.98it/s, bound:0 nc:  4 ncall:4.5e+03 eff:33.1% logz-
ratio=229.69+/-0.09 dlogz:63.139>0.1]

1489it [06:01,  3.29it/s, bound:0 nc:  2 ncall:4.5e+03 eff:33.1% logz-
ratio=229.72+/-0.09 dlogz:63.105>0.1]

1490it [06:01,  3.58it/s, bound:0 nc:  2 ncall:4.5e+03 eff:33.1% logz-
ratio=229.75+/-0.09 dlogz:63.071>0.1]

1491it [06:01,  3.46it/s, bound:0 nc:  3 ncall:4.5e+03 eff:33.1% logz-
ratio=229.78+/-0.09 dlogz:63.038>0.1]

1492it [06:01,  4.24it/s, bound:0 nc:  1 ncall:4.5e+03 eff:33.1% logz-
ratio=229.82+/-0.09 dlogz:63.006>0.1]

1493it [06:02,  3.21it/s, bound:0 nc:  5 ncall:4.5e+03 eff:33.1% logz-
ratio=229.85+/-0.09 dlogz:62.972>0.1]

1494it [06:02,  3.87it/s, bound:0 nc:  1 ncall:4.5e+03 eff:33.1% logz-
ratio=229.88+/-0.09 dlogz:62.937>0.1]

1495it [06:02,  4.03it/s, bound:0 nc:  2 ncall:4.5e+03 eff:33.1% logz-
ratio=229.92+/-0.09 dlogz:62.902>0.1]

1496it [06:02,  4.29it/s, bound:0 nc:  2 ncall:4.5e+03 eff:33.1% logz-
ratio=229.95+/-0.09 dlogz:62.868>0.1]

1497it [06:03,  3.71it/s, bound:0 nc:  3 ncall:4.5e+03 eff:33.1% logz-
ratio=229.98+/-0.09 dlogz:62.834>0.1]

1498it [06:03,  4.01it/s, bound:0 nc:  2 ncall:4.5e+03 eff:33.1% logz-
ratio=230.02+/-0.09 dlogz:62.801>0.1]

1499it [06:03,  3.60it/s, bound:0 nc:  3 ncall:4.5e+03 eff:33.1% logz-
ratio=230.05+/-0.09 dlogz:62.767>0.1]

1500it [06:04,  3.68it/s, bound:0 nc:  2 ncall:4.5e+03 eff:33.2% logz-
ratio=230.08+/-0.09 dlogz:62.734>0.1]

1501it [06:04,  2.55it/s, bound:0 nc:  6 ncall:4.5e+03 eff:33.1% logz-
ratio=230.11+/-0.09 dlogz:62.700>0.1]

1502it [06:05,  2.27it/s, bound:0 nc:  5 ncall:4.5e+03 eff:33.1% logz-
ratio=230.15+/-0.09 dlogz:62.665>0.1]

1503it [06:05,  2.62it/s, bound:0 nc:  2 ncall:4.5e+03 eff:33.1% logz-
ratio=230.18+/-0.09 dlogz:62.629>0.1]
```

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1504it [06:06,  2.23it/s, bound:0 nc:  5 ncall:4.5e+03 eff:33.1% logz-
ratio=230.22+/-0.09 dlogz:62.593>0.1]

1505it [06:06,  2.86it/s, bound:0 nc:  1 ncall:4.5e+03 eff:33.1% logz-
ratio=230.26+/-0.09 dlogz:62.554>0.1]

1506it [06:06,  3.16it/s, bound:0 nc:  2 ncall:4.5e+03 eff:33.1% logz-
ratio=230.30+/-0.09 dlogz:62.512>0.1]

1507it [06:06,  3.09it/s, bound:0 nc:  3 ncall:4.5e+03 eff:33.1% logz-
ratio=230.34+/-0.09 dlogz:62.470>0.1]

1508it [06:07,  2.36it/s, bound:0 nc:  6 ncall:4.6e+03 eff:33.1% logz-
ratio=230.39+/-0.09 dlogz:62.429>0.1]

1509it [06:07,  2.35it/s, bound:0 nc:  4 ncall:4.6e+03 eff:33.1% logz-
ratio=230.43+/-0.09 dlogz:62.385>0.1]

1510it [06:08,  2.68it/s, bound:0 nc:  2 ncall:4.6e+03 eff:33.1% logz-
ratio=230.48+/-0.09 dlogz:62.337>0.1]

1511it [06:08,  3.03it/s, bound:0 nc:  2 ncall:4.6e+03 eff:33.1% logz-
ratio=230.53+/-0.09 dlogz:62.290>0.1]

1512it [06:08,  2.72it/s, bound:0 nc:  4 ncall:4.6e+03 eff:33.1% logz-
ratio=230.57+/-0.09 dlogz:62.243>0.1]

1513it [06:09,  1.87it/s, bound:0 nc:  9 ncall:4.6e+03 eff:33.1% logz-
ratio=230.62+/-0.09 dlogz:62.198>0.1]

1514it [06:10,  2.26it/s, bound:0 nc:  2 ncall:4.6e+03 eff:33.1% logz-
ratio=230.66+/-0.09 dlogz:62.152>0.1]

1515it [06:10,  1.93it/s, bound:0 nc:  7 ncall:4.6e+03 eff:33.0% logz-
ratio=230.71+/-0.09 dlogz:62.104>0.1]

1517it [06:11,  2.28it/s, bound:0 nc:  5 ncall:4.6e+03 eff:33.1% logz-
ratio=230.80+/-0.09 dlogz:62.009>0.1]

1518it [06:11,  2.24it/s, bound:0 nc:  5 ncall:4.6e+03 eff:33.0% logz-
ratio=230.85+/-0.09 dlogz:61.962>0.1]

1519it [06:12,  2.31it/s, bound:0 nc:  4 ncall:4.6e+03 eff:33.0% logz-
ratio=230.89+/-0.09 dlogz:61.916>0.1]

1520it [06:12,  2.52it/s, bound:0 nc:  3 ncall:4.6e+03 eff:33.0% logz-
ratio=230.94+/-0.09 dlogz:61.870>0.1]
```

```
1521it [06:12,  3.00it/s, bound:0 nc:  2 ncall:4.6e+03 eff:33.0% logz-
ratio=230.98+/-0.09 dlogz:61.825>0.1]

1522it [06:13,  1.79it/s, bound:0 nc: 11 ncall:4.6e+03 eff:33.0% logz-
ratio=231.02+/-0.09 dlogz:61.780>0.1]

1523it [06:14,  1.47it/s, bound:0 nc: 10 ncall:4.6e+03 eff:32.9% logz-
ratio=231.06+/-0.09 dlogz:61.737>0.1]

1524it [06:15,  1.30it/s, bound:0 nc: 10 ncall:4.6e+03 eff:32.9% logz-
ratio=231.11+/-0.09 dlogz:61.693>0.1]

1525it [06:15,  1.72it/s, bound:0 nc:  1 ncall:4.6e+03 eff:32.9% logz-
ratio=231.15+/-0.09 dlogz:61.650>0.1]

1526it [06:15,  2.24it/s, bound:0 nc:  1 ncall:4.6e+03 eff:32.9% logz-
ratio=231.19+/-0.09 dlogz:61.609>0.1]

1527it [06:16,  2.52it/s, bound:0 nc:  2 ncall:4.6e+03 eff:32.9% logz-
ratio=231.22+/-0.09 dlogz:61.568>0.1]

1528it [06:16,  2.85it/s, bound:0 nc:  2 ncall:4.6e+03 eff:32.9% logz-
ratio=231.26+/-0.09 dlogz:61.529>0.1]

1529it [06:16,  2.80it/s, bound:0 nc:  3 ncall:4.6e+03 eff:32.9% logz-
ratio=231.30+/-0.09 dlogz:61.491>0.1]

1530it [06:17,  2.36it/s, bound:0 nc:  5 ncall:4.6e+03 eff:32.9% logz-
ratio=231.33+/-0.09 dlogz:61.455>0.1]

1531it [06:17,  2.34it/s, bound:0 nc:  4 ncall:4.7e+03 eff:32.9% logz-
ratio=231.37+/-0.09 dlogz:61.419>0.1]

1532it [06:18,  1.98it/s, bound:0 nc:  8 ncall:4.7e+03 eff:32.9% logz-
ratio=231.40+/-0.09 dlogz:61.384>0.1]

1533it [06:18,  2.43it/s, bound:0 nc:  2 ncall:4.7e+03 eff:32.9% logz-
ratio=231.43+/-0.09 dlogz:61.350>0.1]

1534it [06:18,  2.81it/s, bound:0 nc:  2 ncall:4.7e+03 eff:32.9% logz-
ratio=231.47+/-0.09 dlogz:61.314>0.1]

1535it [06:19,  2.25it/s, bound:0 nc:  7 ncall:4.7e+03 eff:32.9% logz-
ratio=231.50+/-0.09 dlogz:61.280>0.1]

1536it [06:19,  2.92it/s, bound:0 nc:  1 ncall:4.7e+03 eff:32.9% logz-
ratio=231.54+/-0.09 dlogz:61.245>0.1]
```

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1537it [06:19,  3.66it/s, bound:0 nc:  1 ncall:4.7e+03 eff:32.9% logz-
ratio=231.57+/-0.09 dlogz:61.208>0.1]

1538it [06:20,  2.27it/s, bound:0 nc: 10 ncall:4.7e+03 eff:32.8% logz-
ratio=231.61+/-0.09 dlogz:61.172>0.1]

1539it [06:20,  2.55it/s, bound:0 nc:  3 ncall:4.7e+03 eff:32.8% logz-
ratio=231.65+/-0.09 dlogz:61.135>0.1]

1540it [06:21,  3.09it/s, bound:0 nc:  2 ncall:4.7e+03 eff:32.8% logz-
ratio=231.68+/-0.09 dlogz:61.096>0.1]

1541it [06:21,  2.94it/s, bound:0 nc:  4 ncall:4.7e+03 eff:32.8% logz-
ratio=231.72+/-0.09 dlogz:61.057>0.1]

1542it [06:21,  3.36it/s, bound:0 nc:  2 ncall:4.7e+03 eff:32.8% logz-
ratio=231.76+/-0.09 dlogz:61.016>0.1]

1543it [06:22,  1.99it/s, bound:0 nc: 12 ncall:4.7e+03 eff:32.8% logz-
ratio=231.80+/-0.09 dlogz:60.976>0.1]

1544it [06:23,  1.96it/s, bound:0 nc:  6 ncall:4.7e+03 eff:32.8% logz-
ratio=231.85+/-0.09 dlogz:60.934>0.1]

1545it [06:23,  2.57it/s, bound:0 nc:  1 ncall:4.7e+03 eff:32.8% logz-
ratio=231.89+/-0.09 dlogz:60.889>0.1]

1546it [06:24,  1.49it/s, bound:0 nc: 16 ncall:4.7e+03 eff:32.7% logz-
ratio=231.94+/-0.09 dlogz:60.843>0.1]

1547it [06:24,  1.99it/s, bound:0 nc:  1 ncall:4.7e+03 eff:32.7% logz-
ratio=231.98+/-0.09 dlogz:60.799>0.1]

1548it [06:25,  1.92it/s, bound:0 nc:  8 ncall:4.7e+03 eff:32.7% logz-
ratio=232.02+/-0.09 dlogz:60.755>0.1]

1549it [06:25,  1.98it/s, bound:0 nc:  6 ncall:4.7e+03 eff:32.6% logz-
ratio=232.07+/-0.09 dlogz:60.710>0.1]

1550it [06:26,  1.54it/s, bound:0 nc: 13 ncall:4.8e+03 eff:32.6% logz-
ratio=232.11+/-0.09 dlogz:60.664>0.1]

1551it [06:26,  1.90it/s, bound:0 nc:  3 ncall:4.8e+03 eff:32.6% logz-
ratio=232.16+/-0.09 dlogz:60.618>0.1]

1552it [06:27,  2.07it/s, bound:0 nc:  5 ncall:4.8e+03 eff:32.6% logz-
ratio=232.20+/-0.09 dlogz:60.572>0.1]
```

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1553it [06:27,  2.70it/s, bound:0 nc:  1 ncall:4.8e+03 eff:32.6% logz-
ratio=232.25+/-0.09 dlogz:60.526>0.1]

1554it [06:27,  2.60it/s, bound:0 nc:  5 ncall:4.8e+03 eff:32.6% logz-
ratio=232.29+/-0.09 dlogz:60.480>0.1]

1555it [06:28,  3.05it/s, bound:0 nc:  2 ncall:4.8e+03 eff:32.6% logz-
ratio=232.34+/-0.09 dlogz:60.435>0.1]

1556it [06:28,  2.79it/s, bound:0 nc:  5 ncall:4.8e+03 eff:32.6% logz-
ratio=232.38+/-0.09 dlogz:60.390>0.1]

1558it [06:29,  2.76it/s, bound:0 nc:  8 ncall:4.8e+03 eff:32.5% logz-
ratio=232.47+/-0.09 dlogz:60.299>0.1]

1559it [06:30,  1.90it/s, bound:0 nc: 11 ncall:4.8e+03 eff:32.5% logz-
ratio=232.51+/-0.09 dlogz:60.255>0.1]

1561it [06:30,  2.13it/s, bound:0 nc:  8 ncall:4.8e+03 eff:32.5% logz-
ratio=232.60+/-0.09 dlogz:60.168>0.1]

1562it [06:31,  1.98it/s, bound:0 nc:  7 ncall:4.8e+03 eff:32.4% logz-
ratio=232.65+/-0.09 dlogz:60.121>0.1]

1563it [06:32,  1.58it/s, bound:0 nc: 11 ncall:4.8e+03 eff:32.4% logz-
ratio=232.69+/-0.09 dlogz:60.073>0.1]

1564it [06:32,  1.68it/s, bound:0 nc:  6 ncall:4.8e+03 eff:32.4% logz-
ratio=232.74+/-0.09 dlogz:60.025>0.1]

1565it [06:32,  2.23it/s, bound:0 nc:  1 ncall:4.8e+03 eff:32.4% logz-
ratio=232.79+/-0.09 dlogz:59.977>0.1]

1566it [06:33,  1.98it/s, bound:0 nc:  8 ncall:4.8e+03 eff:32.3% logz-
ratio=232.83+/-0.09 dlogz:59.930>0.1]

1567it [06:33,  2.42it/s, bound:0 nc:  2 ncall:4.8e+03 eff:32.4% logz-
ratio=232.87+/-0.09 dlogz:59.885>0.1]

1568it [06:33,  2.94it/s, bound:0 nc:  2 ncall:4.8e+03 eff:32.4% logz-
ratio=232.91+/-0.09 dlogz:59.841>0.1]

1569it [06:34,  3.69it/s, bound:0 nc:  1 ncall:4.8e+03 eff:32.4% logz-
ratio=232.96+/-0.09 dlogz:59.798>0.1]

1570it [06:34,  4.41it/s, bound:0 nc:  1 ncall:4.8e+03 eff:32.4% logz-
ratio=233.00+/-0.09 dlogz:59.756>0.1]
```

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1571it [06:34,  2.98it/s, bound:0 nc:  7 ncall:4.9e+03 eff:32.4% logz-
ratio=233.04+/-0.09 dlogz:59.713>0.1]

1572it [06:35,  3.02it/s, bound:0 nc:  3 ncall:4.9e+03 eff:32.4% logz-
ratio=233.08+/-0.09 dlogz:59.670>0.1]

1573it [06:35,  3.69it/s, bound:0 nc:  1 ncall:4.9e+03 eff:32.4% logz-
ratio=233.12+/-0.09 dlogz:59.629>0.1]

1574it [06:35,  2.49it/s, bound:0 nc:  7 ncall:4.9e+03 eff:32.4% logz-
ratio=233.16+/-0.09 dlogz:59.588>0.1]

1575it [06:36,  2.07it/s, bound:0 nc:  7 ncall:4.9e+03 eff:32.3% logz-
ratio=233.20+/-0.09 dlogz:59.547>0.1]

1576it [06:37,  2.02it/s, bound:0 nc:  5 ncall:4.9e+03 eff:32.3% logz-
ratio=233.24+/-0.09 dlogz:59.504>0.1]

1577it [06:37,  2.47it/s, bound:0 nc:  2 ncall:4.9e+03 eff:32.3% logz-
ratio=233.29+/-0.09 dlogz:59.461>0.1]

1578it [06:37,  2.66it/s, bound:0 nc:  3 ncall:4.9e+03 eff:32.3% logz-
ratio=233.33+/-0.09 dlogz:59.415>0.1]

1579it [06:37,  3.39it/s, bound:0 nc:  1 ncall:4.9e+03 eff:32.3% logz-
ratio=233.38+/-0.09 dlogz:59.368>0.1]

1580it [06:37,  3.64it/s, bound:0 nc:  2 ncall:4.9e+03 eff:32.3% logz-
ratio=233.42+/-0.09 dlogz:59.322>0.1]

1581it [06:38,  3.90it/s, bound:0 nc:  2 ncall:4.9e+03 eff:32.4% logz-
ratio=233.47+/-0.09 dlogz:59.278>0.1]

1582it [06:38,  4.73it/s, bound:0 nc:  1 ncall:4.9e+03 eff:32.4% logz-
ratio=233.51+/-0.09 dlogz:59.234>0.1]

1583it [06:39,  2.29it/s, bound:0 nc:  9 ncall:4.9e+03 eff:32.3% logz-
ratio=233.55+/-0.09 dlogz:59.190>0.1]

1584it [06:39,  2.22it/s, bound:0 nc:  4 ncall:4.9e+03 eff:32.3% logz-
ratio=233.59+/-0.09 dlogz:59.147>0.1]

1585it [06:40,  2.35it/s, bound:0 nc:  3 ncall:4.9e+03 eff:32.3% logz-
ratio=233.63+/-0.09 dlogz:59.104>0.1]

1586it [06:40,  2.72it/s, bound:0 nc:  2 ncall:4.9e+03 eff:32.3% logz-
ratio=233.67+/-0.09 dlogz:59.063>0.1]
```

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1587it [06:40,  2.22it/s, bound:0 nc:  6 ncall:4.9e+03 eff:32.3% logz-
ratio=233.71+/-0.09 dlogz:59.022>0.1]

1588it [06:41,  2.36it/s, bound:0 nc:  4 ncall:4.9e+03 eff:32.3% logz-
ratio=233.75+/-0.09 dlogz:58.981>0.1]

1589it [06:42,  1.86it/s, bound:0 nc:  8 ncall:4.9e+03 eff:32.3% logz-
ratio=233.79+/-0.09 dlogz:58.939>0.1]

1590it [06:42,  2.44it/s, bound:0 nc:  1 ncall:4.9e+03 eff:32.3% logz-
ratio=233.83+/-0.09 dlogz:58.898>0.1]

1591it [06:42,  2.48it/s, bound:0 nc:  4 ncall:4.9e+03 eff:32.3% logz-
ratio=233.87+/-0.09 dlogz:58.857>0.1]

1592it [06:42,  3.17it/s, bound:0 nc:  1 ncall:4.9e+03 eff:32.3% logz-
ratio=233.91+/-0.09 dlogz:58.817>0.1]

1593it [06:42,  3.80it/s, bound:0 nc:  1 ncall:4.9e+03 eff:32.3% logz-
ratio=233.95+/-0.09 dlogz:58.777>0.1]

1594it [06:43,  3.69it/s, bound:0 nc:  3 ncall:4.9e+03 eff:32.3% logz-
ratio=233.99+/-0.09 dlogz:58.738>0.1]

1595it [06:43,  3.92it/s, bound:0 nc:  2 ncall:4.9e+03 eff:32.3% logz-
ratio=234.03+/-0.09 dlogz:58.699>0.1]

1596it [06:43,  4.59it/s, bound:0 nc:  1 ncall:4.9e+03 eff:32.3% logz-
ratio=234.06+/-0.09 dlogz:58.660>0.1]

1597it [06:44,  2.01it/s, bound:0 nc: 11 ncall:4.9e+03 eff:32.3% logz-
ratio=234.10+/-0.09 dlogz:58.620>0.1]

1598it [06:45,  2.06it/s, bound:0 nc:  4 ncall:5.0e+03 eff:32.3% logz-
ratio=234.14+/-0.09 dlogz:58.581>0.1]

1599it [06:45,  2.67it/s, bound:0 nc:  1 ncall:5.0e+03 eff:32.3% logz-
ratio=234.18+/-0.09 dlogz:58.541>0.1]

1600it [06:45,  2.19it/s, bound:0 nc:  6 ncall:5.0e+03 eff:32.3% logz-
ratio=234.22+/-0.09 dlogz:58.500>0.1]

1601it [06:46,  1.62it/s, bound:0 nc: 10 ncall:5.0e+03 eff:32.2% logz-
ratio=234.26+/-0.09 dlogz:58.460>0.1]

1602it [06:47,  1.65it/s, bound:0 nc:  5 ncall:5.0e+03 eff:32.2% logz-
ratio=234.30+/-0.09 dlogz:58.420>0.1]
```

```
1603it [06:48,  1.27it/s, bound:0 nc: 11 ncall:5.0e+03 eff:32.2% logz-
ratio=234.34+/-0.09 dlogz:58.379>0.1]

1604it [06:48,  1.62it/s, bound:0 nc:  2 ncall:5.0e+03 eff:32.2% logz-
ratio=234.38+/-0.09 dlogz:58.340>0.1]

1605it [06:49,  2.01it/s, bound:0 nc:  2 ncall:5.0e+03 eff:32.2% logz-
ratio=234.41+/-0.09 dlogz:58.301>0.1]

1606it [06:50,  1.21it/s, bound:0 nc: 17 ncall:5.0e+03 eff:32.1% logz-
ratio=234.45+/-0.09 dlogz:58.264>0.1]

1607it [06:51,  1.15it/s, bound:0 nc:  9 ncall:5.0e+03 eff:32.0% logz-
ratio=234.48+/-0.09 dlogz:58.227>0.1]

1608it [06:52,  1.11it/s, bound:0 nc:  6 ncall:5.0e+03 eff:32.0% logz-
ratio=234.52+/-0.09 dlogz:58.275>0.1]

1609it [06:52,  1.45it/s, bound:0 nc:  2 ncall:5.0e+03 eff:32.0% logz-
ratio=234.55+/-0.09 dlogz:58.238>0.1]

1610it [06:54,  1.05it/s, bound:0 nc: 17 ncall:5.0e+03 eff:31.9% logz-
ratio=234.59+/-0.09 dlogz:58.202>0.1]

1611it [06:54,  1.27it/s, bound:0 nc:  4 ncall:5.0e+03 eff:31.9% logz-
ratio=234.62+/-0.09 dlogz:58.167>0.1]

1612it [06:54,  1.72it/s, bound:0 nc:  1 ncall:5.0e+03 eff:32.0% logz-
ratio=234.66+/-0.09 dlogz:58.132>0.1]

1613it [06:55,  1.43it/s, bound:0 nc: 11 ncall:5.1e+03 eff:31.9% logz-
ratio=234.69+/-0.09 dlogz:58.097>0.1]

1614it [06:56,  1.88it/s, bound:0 nc:  1 ncall:5.1e+03 eff:31.9% logz-
ratio=234.72+/-0.09 dlogz:58.063>0.1]

1615it [06:56,  2.41it/s, bound:0 nc:  1 ncall:5.1e+03 eff:31.9% logz-
ratio=234.76+/-0.09 dlogz:58.028>0.1]

1616it [06:56,  2.16it/s, bound:0 nc:  6 ncall:5.1e+03 eff:31.9% logz-
ratio=234.79+/-0.09 dlogz:57.993>0.1]

1617it [06:57,  2.15it/s, bound:0 nc:  6 ncall:5.1e+03 eff:31.9% logz-
ratio=234.83+/-0.09 dlogz:57.957>0.1]

1618it [06:58,  1.42it/s, bound:0 nc: 14 ncall:5.1e+03 eff:31.8% logz-
ratio=234.87+/-0.09 dlogz:57.919>0.1]
```

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1619it [06:58,  1.82it/s, bound:0 nc:  2 ncall:5.1e+03 eff:31.8% logz-
ratio=234.90+/-0.09 dlogz:57.880>0.1]

1620it [06:59,  1.69it/s, bound:0 nc:  7 ncall:5.1e+03 eff:31.8% logz-
ratio=234.94+/-0.09 dlogz:57.842>0.1]

1621it [07:00,  1.56it/s, bound:0 nc:  8 ncall:5.1e+03 eff:31.8% logz-
ratio=234.98+/-0.09 dlogz:57.805>0.1]

1622it [07:00,  1.52it/s, bound:0 nc:  7 ncall:5.1e+03 eff:31.8% logz-
ratio=235.01+/-0.09 dlogz:57.768>0.1]

1623it [07:01,  1.51it/s, bound:0 nc:  7 ncall:5.1e+03 eff:31.7% logz-
ratio=235.05+/-0.09 dlogz:57.732>0.1]

1624it [07:02,  1.51it/s, bound:0 nc:  6 ncall:5.1e+03 eff:31.7% logz-
ratio=235.08+/-0.09 dlogz:57.697>0.1]

1625it [07:02,  1.98it/s, bound:0 nc:  1 ncall:5.1e+03 eff:31.7% logz-
ratio=235.12+/-0.09 dlogz:57.661>0.1]

1626it [07:03,  1.56it/s, bound:0 nc:  8 ncall:5.1e+03 eff:31.7% logz-
ratio=235.15+/-0.09 dlogz:57.624>0.1]

1627it [07:04,  1.10it/s, bound:0 nc: 13 ncall:5.1e+03 eff:31.6% logz-
ratio=235.19+/-0.09 dlogz:57.584>0.1]

1628it [07:05,  1.31it/s, bound:0 nc:  4 ncall:5.1e+03 eff:31.6% logz-
ratio=235.23+/-0.09 dlogz:57.546>0.1]

1629it [07:06,  1.03it/s, bound:0 nc: 13 ncall:5.2e+03 eff:31.6% logz-
ratio=235.26+/-0.09 dlogz:57.508>0.1]

1630it [07:07,  1.16it/s, bound:0 nc:  5 ncall:5.2e+03 eff:31.6% logz-
ratio=235.30+/-0.09 dlogz:57.471>0.1]

1631it [07:07,  1.28it/s, bound:0 nc:  5 ncall:5.2e+03 eff:31.5% logz-
ratio=235.34+/-0.09 dlogz:57.434>0.1]

1632it [07:07,  1.70it/s, bound:0 nc:  1 ncall:5.2e+03 eff:31.6% logz-
ratio=235.37+/-0.09 dlogz:57.398>0.1]

1633it [07:08,  2.09it/s, bound:0 nc:  2 ncall:5.2e+03 eff:31.6% logz-
ratio=235.41+/-0.09 dlogz:57.362>0.1]

1634it [07:08,  2.01it/s, bound:0 nc:  5 ncall:5.2e+03 eff:31.6% logz-
ratio=235.44+/-0.09 dlogz:57.326>0.1]
```

```
1635it [07:09,  1.56it/s, bound:0 nc: 11 ncall:5.2e+03 eff:31.5% logz-
ratio=235.48+/-0.09 dlogz:57.290>0.1]

1636it [07:10,  1.66it/s, bound:0 nc:  5 ncall:5.2e+03 eff:31.5% logz-
ratio=235.51+/-0.09 dlogz:57.252>0.1]

1637it [07:10,  1.71it/s, bound:0 nc:  5 ncall:5.2e+03 eff:31.5% logz-
ratio=235.55+/-0.09 dlogz:57.215>0.1]

1638it [07:10,  2.22it/s, bound:0 nc:  1 ncall:5.2e+03 eff:31.5% logz-
ratio=235.59+/-0.09 dlogz:57.177>0.1]

1639it [07:11,  1.74it/s, bound:0 nc:  8 ncall:5.2e+03 eff:31.5% logz-
ratio=235.62+/-0.09 dlogz:57.139>0.1]

1640it [07:12,  1.74it/s, bound:0 nc:  5 ncall:5.2e+03 eff:31.5% logz-
ratio=235.66+/-0.09 dlogz:57.102>0.1]

1641it [07:13,  1.56it/s, bound:0 nc:  8 ncall:5.2e+03 eff:31.4% logz-
ratio=235.69+/-0.09 dlogz:57.066>0.1]

1642it [07:13,  1.46it/s, bound:0 nc:  8 ncall:5.2e+03 eff:31.4% logz-
ratio=235.73+/-0.09 dlogz:57.029>0.1]

1643it [07:14,  1.80it/s, bound:0 nc:  2 ncall:5.2e+03 eff:31.4% logz-
ratio=235.77+/-0.09 dlogz:56.992>0.1]

1644it [07:14,  1.90it/s, bound:0 nc:  4 ncall:5.2e+03 eff:31.4% logz-
ratio=235.80+/-0.09 dlogz:56.955>0.1]

1645it [07:16,  1.00it/s, bound:0 nc: 20 ncall:5.3e+03 eff:31.3% logz-
ratio=235.84+/-0.09 dlogz:56.919>0.1]

1646it [07:16,  1.35it/s, bound:0 nc:  1 ncall:5.3e+03 eff:31.3% logz-
ratio=235.88+/-0.09 dlogz:56.881>0.1]

1647it [07:17,  1.40it/s, bound:0 nc:  7 ncall:5.3e+03 eff:31.3% logz-
ratio=235.91+/-0.09 dlogz:56.843>0.1]

1648it [07:17,  1.76it/s, bound:0 nc:  2 ncall:5.3e+03 eff:31.3% logz-
ratio=235.95+/-0.09 dlogz:56.804>0.1]

1649it [07:17,  2.33it/s, bound:0 nc:  1 ncall:5.3e+03 eff:31.3% logz-
ratio=235.99+/-0.09 dlogz:56.766>0.1]

1650it [07:18,  2.95it/s, bound:0 nc:  1 ncall:5.3e+03 eff:31.3% logz-
ratio=236.02+/-0.09 dlogz:56.730>0.1]
```

```
1651it [07:18,  3.19it/s, bound:0 nc:  2 ncall:5.3e+03 eff:31.3% logz-
ratio=236.05+/-0.09 dlogz:56.695>0.1]

1652it [07:18,  3.83it/s, bound:0 nc:  1 ncall:5.3e+03 eff:31.3% logz-
ratio=236.09+/-0.09 dlogz:56.660>0.1]

1653it [07:18,  3.49it/s, bound:0 nc:  3 ncall:5.3e+03 eff:31.3% logz-
ratio=236.12+/-0.09 dlogz:56.626>0.1]

1654it [07:19,  3.64it/s, bound:0 nc:  2 ncall:5.3e+03 eff:31.4% logz-
ratio=236.16+/-0.09 dlogz:56.591>0.1]

1655it [07:19,  3.40it/s, bound:0 nc:  3 ncall:5.3e+03 eff:31.4% logz-
ratio=236.20+/-0.09 dlogz:56.552>0.1]

1656it [07:19,  3.67it/s, bound:0 nc:  2 ncall:5.3e+03 eff:31.4% logz-
ratio=236.25+/-0.09 dlogz:56.507>0.1]

1657it [07:20,  3.04it/s, bound:0 nc:  4 ncall:5.3e+03 eff:31.4% logz-
ratio=236.29+/-0.09 dlogz:56.461>0.1]

1658it [07:20,  3.00it/s, bound:0 nc:  3 ncall:5.3e+03 eff:31.4% logz-
ratio=236.34+/-0.09 dlogz:56.413>0.1]

1659it [07:20,  2.76it/s, bound:0 nc:  4 ncall:5.3e+03 eff:31.4% logz-
ratio=236.39+/-0.09 dlogz:56.365>0.1]

1660it [07:21,  3.05it/s, bound:0 nc:  2 ncall:5.3e+03 eff:31.4% logz-
ratio=236.43+/-0.09 dlogz:56.318>0.1]

1661it [07:21,  3.83it/s, bound:0 nc:  1 ncall:5.3e+03 eff:31.4% logz-
ratio=236.48+/-0.09 dlogz:56.272>0.1]

1662it [07:21,  3.60it/s, bound:0 nc:  3 ncall:5.3e+03 eff:31.4% logz-
ratio=236.52+/-0.09 dlogz:56.227>0.1]

1663it [07:21,  3.85it/s, bound:0 nc:  2 ncall:5.3e+03 eff:31.4% logz-
ratio=236.56+/-0.09 dlogz:56.183>0.1]

1664it [07:22,  3.61it/s, bound:0 nc:  3 ncall:5.3e+03 eff:31.4% logz-
ratio=236.60+/-0.09 dlogz:56.140>0.1]

1665it [07:22,  4.40it/s, bound:0 nc:  1 ncall:5.3e+03 eff:31.4% logz-
ratio=236.64+/-0.09 dlogz:56.099>0.1]

1667it [07:22,  5.15it/s, bound:0 nc:  2 ncall:5.3e+03 eff:31.4% logz-
ratio=236.73+/-0.09 dlogz:56.016>0.1]
```

```
1668it [07:22,  5.69it/s, bound:0 nc:  1 ncall:5.3e+03 eff:31.4% logz-
ratio=236.77+/-0.09 dlogz:55.972>0.1]

1669it [07:22,  6.12it/s, bound:0 nc:  1 ncall:5.3e+03 eff:31.4% logz-
ratio=236.81+/-0.09 dlogz:55.929>0.1]

1670it [07:23,  4.13it/s, bound:0 nc:  4 ncall:5.3e+03 eff:31.4% logz-
ratio=236.86+/-0.09 dlogz:55.884>0.1]

1671it [07:23,  3.56it/s, bound:0 nc:  3 ncall:5.3e+03 eff:31.4% logz-
ratio=236.90+/-0.09 dlogz:55.837>0.1]

1672it [07:24,  2.22it/s, bound:0 nc:  8 ncall:5.3e+03 eff:31.4% logz-
ratio=236.95+/-0.09 dlogz:55.790>0.1]

1673it [07:25,  1.86it/s, bound:0 nc:  7 ncall:5.3e+03 eff:31.4% logz-
ratio=237.00+/-0.09 dlogz:55.742>0.1]

1674it [07:25,  2.40it/s, bound:0 nc:  1 ncall:5.3e+03 eff:31.4% logz-
ratio=237.05+/-0.09 dlogz:55.690>0.1]

1675it [07:26,  1.61it/s, bound:0 nc: 11 ncall:5.3e+03 eff:31.4% logz-
ratio=237.11+/-0.09 dlogz:55.637>0.1]

1676it [07:26,  1.52it/s, bound:0 nc:  7 ncall:5.3e+03 eff:31.3% logz-
ratio=237.16+/-0.09 dlogz:55.584>0.1]

1677it [07:27,  1.34it/s, bound:0 nc:  9 ncall:5.4e+03 eff:31.3% logz-
ratio=237.20+/-0.09 dlogz:55.532>0.1]

1678it [07:28,  1.71it/s, bound:0 nc:  2 ncall:5.4e+03 eff:31.3% logz-
ratio=237.25+/-0.09 dlogz:55.483>0.1]

1679it [07:28,  1.67it/s, bound:0 nc:  7 ncall:5.4e+03 eff:31.3% logz-
ratio=237.30+/-0.09 dlogz:55.435>0.1]

1680it [07:29,  1.29it/s, bound:0 nc: 13 ncall:5.4e+03 eff:31.2% logz-
ratio=237.34+/-0.09 dlogz:55.389>0.1]

1681it [07:30,  1.57it/s, bound:0 nc:  3 ncall:5.4e+03 eff:31.2% logz-
ratio=237.38+/-0.09 dlogz:55.344>0.1]

1682it [07:31,  1.34it/s, bound:0 nc: 11 ncall:5.4e+03 eff:31.2% logz-
ratio=237.43+/-0.09 dlogz:55.300>0.1]

1683it [07:31,  1.64it/s, bound:0 nc:  3 ncall:5.4e+03 eff:31.2% logz-
ratio=237.47+/-0.09 dlogz:55.257>0.1]
```

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1684it [07:31,  1.98it/s, bound:0 nc:  3 ncall:5.4e+03 eff:31.2% logz-
ratio=237.51+/-0.09 dlogz:55.215>0.1]

1685it [07:31,  2.53it/s, bound:0 nc:  1 ncall:5.4e+03 eff:31.2% logz-
ratio=237.55+/-0.09 dlogz:55.174>0.1]

1686it [07:32,  3.24it/s, bound:0 nc:  1 ncall:5.4e+03 eff:31.2% logz-
ratio=237.58+/-0.09 dlogz:55.134>0.1]

1687it [07:32,  3.70it/s, bound:0 nc:  2 ncall:5.4e+03 eff:31.2% logz-
ratio=237.62+/-0.09 dlogz:55.096>0.1]

1688it [07:32,  4.16it/s, bound:0 nc:  2 ncall:5.4e+03 eff:31.2% logz-
ratio=237.66+/-0.09 dlogz:55.058>0.1]

1689it [07:32,  4.97it/s, bound:0 nc:  1 ncall:5.4e+03 eff:31.2% logz-
ratio=237.69+/-0.09 dlogz:55.022>0.1]

1690it [07:33,  3.36it/s, bound:0 nc:  5 ncall:5.4e+03 eff:31.2% logz-
ratio=237.73+/-0.09 dlogz:54.985>0.1]

1691it [07:33,  3.09it/s, bound:0 nc:  5 ncall:5.4e+03 eff:31.2% logz-
ratio=237.76+/-0.09 dlogz:54.949>0.1]

1692it [07:34,  2.37it/s, bound:0 nc:  7 ncall:5.4e+03 eff:31.2% logz-
ratio=237.80+/-0.09 dlogz:54.912>0.1]

1693it [07:34,  2.81it/s, bound:0 nc:  2 ncall:5.4e+03 eff:31.2% logz-
ratio=237.83+/-0.09 dlogz:54.876>0.1]

1694it [07:34,  2.82it/s, bound:0 nc:  4 ncall:5.4e+03 eff:31.2% logz-
ratio=237.87+/-0.09 dlogz:54.841>0.1]

1695it [07:34,  3.07it/s, bound:0 nc:  3 ncall:5.4e+03 eff:31.2% logz-
ratio=237.90+/-0.09 dlogz:54.805>0.1]

1696it [07:35,  3.48it/s, bound:0 nc:  2 ncall:5.4e+03 eff:31.2% logz-
ratio=237.94+/-0.09 dlogz:54.767>0.1]

1697it [07:35,  3.96it/s, bound:0 nc:  2 ncall:5.4e+03 eff:31.2% logz-
ratio=237.98+/-0.09 dlogz:54.729>0.1]

1698it [07:35,  3.46it/s, bound:0 nc:  4 ncall:5.4e+03 eff:31.2% logz-
ratio=238.02+/-0.09 dlogz:54.689>0.1]

1699it [07:36,  2.71it/s, bound:0 nc:  6 ncall:5.4e+03 eff:31.2% logz-
ratio=238.06+/-0.09 dlogz:54.648>0.1]
```

```
1700it [07:37,  1.85it/s, bound:0 nc: 11 ncall:5.5e+03 eff:31.1% logz-
ratio=238.10+/-0.09 dlogz:54.607>0.1]

1701it [07:37,  2.15it/s, bound:0 nc:  3 ncall:5.5e+03 eff:31.1% logz-
ratio=238.14+/-0.09 dlogz:54.566>0.1]

1702it [07:37,  2.79it/s, bound:0 nc:  1 ncall:5.5e+03 eff:31.2% logz-
ratio=238.18+/-0.09 dlogz:54.525>0.1]

1703it [07:37,  2.70it/s, bound:0 nc:  4 ncall:5.5e+03 eff:31.2% logz-
ratio=238.22+/-0.09 dlogz:54.483>0.1]

1704it [07:38,  2.83it/s, bound:0 nc:  3 ncall:5.5e+03 eff:31.2% logz-
ratio=238.26+/-0.09 dlogz:54.442>0.1]

1705it [07:38,  3.56it/s, bound:0 nc:  1 ncall:5.5e+03 eff:31.2% logz-
ratio=238.30+/-0.09 dlogz:54.401>0.1]

1706it [07:39,  2.55it/s, bound:0 nc:  8 ncall:5.5e+03 eff:31.1% logz-
ratio=238.34+/-0.09 dlogz:54.362>0.1]

1707it [07:39,  2.59it/s, bound:0 nc:  4 ncall:5.5e+03 eff:31.1% logz-
ratio=238.38+/-0.09 dlogz:54.321>0.1]

1708it [07:39,  2.29it/s, bound:0 nc:  6 ncall:5.5e+03 eff:31.1% logz-
ratio=238.42+/-0.09 dlogz:54.278>0.1]

1709it [07:40,  2.27it/s, bound:0 nc:  5 ncall:5.5e+03 eff:31.1% logz-
ratio=238.47+/-0.09 dlogz:54.233>0.1]

1711it [07:40,  2.64it/s, bound:0 nc:  5 ncall:5.5e+03 eff:31.1% logz-
ratio=238.56+/-0.09 dlogz:54.143>0.1]

1712it [07:41,  2.70it/s, bound:0 nc:  4 ncall:5.5e+03 eff:31.1% logz-
ratio=238.61+/-0.09 dlogz:54.096>0.1]

1713it [07:41,  2.91it/s, bound:0 nc:  3 ncall:5.5e+03 eff:31.1% logz-
ratio=238.65+/-0.09 dlogz:54.047>0.1]

1714it [07:41,  2.83it/s, bound:0 nc:  4 ncall:5.5e+03 eff:31.1% logz-
ratio=238.70+/-0.09 dlogz:53.999>0.1]

1715it [07:42,  2.82it/s, bound:0 nc:  4 ncall:5.5e+03 eff:31.1% logz-
ratio=238.74+/-0.09 dlogz:53.953>0.1]

1716it [07:42,  2.90it/s, bound:0 nc:  4 ncall:5.5e+03 eff:31.1% logz-
ratio=238.79+/-0.09 dlogz:53.907>0.1]
```

```
1717it [07:42,  2.75it/s, bound:0 nc:  5 ncall:5.5e+03 eff:31.1% logz-
ratio=238.83+/-0.09 dlogz:53.860>0.1]

1718it [07:43,  3.51it/s, bound:0 nc:  1 ncall:5.5e+03 eff:31.1% logz-
ratio=238.88+/-0.09 dlogz:53.814>0.1]

1719it [07:43,  2.29it/s, bound:0 nc: 11 ncall:5.5e+03 eff:31.1% logz-
ratio=238.92+/-0.09 dlogz:53.769>0.1]

1720it [07:44,  2.32it/s, bound:0 nc:  5 ncall:5.5e+03 eff:31.0% logz-
ratio=238.97+/-0.09 dlogz:53.724>0.1]

1721it [07:44,  2.46it/s, bound:0 nc:  4 ncall:5.5e+03 eff:31.0% logz-
ratio=239.01+/-0.09 dlogz:53.679>0.1]

1722it [07:45,  1.58it/s, bound:0 nc: 14 ncall:5.6e+03 eff:31.0% logz-
ratio=239.05+/-0.09 dlogz:53.637>0.1]

1723it [07:45,  2.02it/s, bound:0 nc:  2 ncall:5.6e+03 eff:31.0% logz-
ratio=239.09+/-0.09 dlogz:53.595>0.1]

1724it [07:46,  2.64it/s, bound:0 nc:  1 ncall:5.6e+03 eff:31.0% logz-
ratio=239.13+/-0.09 dlogz:53.555>0.1]

1725it [07:46,  2.27it/s, bound:0 nc:  7 ncall:5.6e+03 eff:31.0% logz-
ratio=239.16+/-0.09 dlogz:53.515>0.1]

1726it [07:46,  2.59it/s, bound:0 nc:  3 ncall:5.6e+03 eff:31.0% logz-
ratio=239.20+/-0.09 dlogz:53.475>0.1]

1727it [07:47,  2.50it/s, bound:0 nc:  5 ncall:5.6e+03 eff:31.0% logz-
ratio=239.24+/-0.09 dlogz:53.436>0.1]

1728it [07:47,  3.03it/s, bound:0 nc:  2 ncall:5.6e+03 eff:31.0% logz-
ratio=239.28+/-0.09 dlogz:53.396>0.1]

1729it [07:47,  3.45it/s, bound:0 nc:  2 ncall:5.6e+03 eff:31.0% logz-
ratio=239.32+/-0.09 dlogz:53.356>0.1]

1731it [07:48,  3.78it/s, bound:0 nc:  4 ncall:5.6e+03 eff:31.0% logz-
ratio=239.40+/-0.09 dlogz:53.276>0.1]

1732it [07:48,  3.59it/s, bound:0 nc:  3 ncall:5.6e+03 eff:31.0% logz-
ratio=239.44+/-0.09 dlogz:53.236>0.1]

1733it [07:48,  3.18it/s, bound:0 nc:  4 ncall:5.6e+03 eff:31.0% logz-
ratio=239.48+/-0.09 dlogz:53.195>0.1]
```

```
1734it [07:48,  3.94it/s, bound:0 nc:  1 ncall:5.6e+03 eff:31.0% logz-
ratio=239.52+/-0.09 dlogz:53.154>0.1]

1735it [07:50,  1.93it/s, bound:0 nc: 12 ncall:5.6e+03 eff:31.0% logz-
ratio=239.56+/-0.09 dlogz:53.111>0.1]

1736it [07:54,  1.55s/it, bound:0 nc: 37 ncall:5.6e+03 eff:30.8% logz-
ratio=239.60+/-0.09 dlogz:53.070>0.1]

1737it [07:54,  1.33s/it, bound:0 nc:  7 ncall:5.6e+03 eff:30.7% logz-
ratio=239.64+/-0.09 dlogz:53.028>0.1]

1738it [07:54,  1.03it/s, bound:0 nc:  1 ncall:5.6e+03 eff:30.8% logz-
ratio=239.69+/-0.09 dlogz:52.984>0.1]

1739it [07:55,  1.12it/s, bound:0 nc:  5 ncall:5.7e+03 eff:30.8% logz-
ratio=239.73+/-0.09 dlogz:52.940>0.1]

1740it [07:57,  1.07s/it, bound:0 nc: 11 ncall:5.7e+03 eff:30.7% logz-
ratio=239.77+/-0.09 dlogz:52.896>0.1]

1741it [07:57,  1.23it/s, bound:0 nc:  2 ncall:5.7e+03 eff:30.7% logz-
ratio=239.82+/-0.09 dlogz:52.850>0.1]

1742it [07:57,  1.50it/s, bound:0 nc:  3 ncall:5.7e+03 eff:30.7% logz-
ratio=239.86+/-0.09 dlogz:52.804>0.1]

1743it [07:58,  1.70it/s, bound:0 nc:  3 ncall:5.7e+03 eff:30.7% logz-
ratio=239.91+/-0.09 dlogz:52.758>0.1]

1744it [07:58,  2.04it/s, bound:0 nc:  2 ncall:5.7e+03 eff:30.7% logz-
ratio=239.96+/-0.09 dlogz:52.711>0.1]

1745it [07:58,  2.51it/s, bound:0 nc:  1 ncall:5.7e+03 eff:30.7% logz-
ratio=240.00+/-0.09 dlogz:52.663>0.1]

1746it [07:58,  3.00it/s, bound:0 nc:  1 ncall:5.7e+03 eff:30.8% logz-
ratio=240.05+/-0.09 dlogz:52.616>0.1]

1747it [07:59,  2.63it/s, bound:0 nc:  4 ncall:5.7e+03 eff:30.7% logz-
ratio=240.09+/-0.09 dlogz:52.570>0.1]

1748it [08:00,  1.95it/s, bound:0 nc:  6 ncall:5.7e+03 eff:30.7% logz-
ratio=240.14+/-0.09 dlogz:52.525>0.1]

1749it [08:01,  1.28it/s, bound:0 nc: 11 ncall:5.7e+03 eff:30.7% logz-
ratio=240.18+/-0.09 dlogz:52.481>0.1]
```

1750it [08:01, 1.56it/s, bound:0 nc: 2 ncall:5.7e+03 eff:30.7% logz-ratio=240.22+/-0.09 dlogz:52.439>0.1]

1751it [08:02, 1.74it/s, bound:0 nc: 3 ncall:5.7e+03 eff:30.7% logz-ratio=240.26+/-0.09 dlogz:52.398>0.1]

1752it [08:02, 2.01it/s, bound:0 nc: 2 ncall:5.7e+03 eff:30.7% logz-ratio=240.30+/-0.09 dlogz:52.357>0.1]

1753it [08:03, 1.52it/s, bound:0 nc: 7 ncall:5.7e+03 eff:30.7% logz-ratio=240.34+/-0.09 dlogz:52.315>0.1]

1754it [08:03, 1.78it/s, bound:0 nc: 2 ncall:5.7e+03 eff:30.7% logz-ratio=240.38+/-0.09 dlogz:52.274>0.1]

1755it [08:04, 2.23it/s, bound:0 nc: 1 ncall:5.7e+03 eff:30.7% logz-ratio=240.41+/-0.09 dlogz:52.234>0.1]

1756it [08:04, 2.26it/s, bound:0 nc: 3 ncall:5.7e+03 eff:30.7% logz-ratio=240.45+/-0.09 dlogz:52.195>0.1]

1757it [08:05, 1.79it/s, bound:0 nc: 6 ncall:5.7e+03 eff:30.7% logz-ratio=240.49+/-0.09 dlogz:52.157>0.1]

1758it [08:05, 1.88it/s, bound:0 nc: 4 ncall:5.7e+03 eff:30.7% logz-ratio=240.52+/-0.09 dlogz:52.120>0.1]

1759it [08:06, 1.72it/s, bound:0 nc: 6 ncall:5.7e+03 eff:30.7% logz-ratio=240.56+/-0.09 dlogz:52.084>0.1]

1760it [08:07, 1.58it/s, bound:0 nc: 6 ncall:5.7e+03 eff:30.7% logz-ratio=240.59+/-0.09 dlogz:52.049>0.1]

1761it [08:07, 2.06it/s, bound:0 nc: 1 ncall:5.7e+03 eff:30.7% logz-ratio=240.62+/-0.09 dlogz:52.015>0.1]

1762it [08:07, 2.18it/s, bound:0 nc: 3 ncall:5.7e+03 eff:30.7% logz-ratio=240.66+/-0.09 dlogz:51.981>0.1]

1763it [08:08, 2.37it/s, bound:0 nc: 3 ncall:5.7e+03 eff:30.7% logz-ratio=240.69+/-0.09 dlogz:51.946>0.1]

1764it [08:09, 1.35it/s, bound:0 nc: 14 ncall:5.8e+03 eff:30.6% logz-ratio=240.72+/-0.09 dlogz:51.912>0.1]

1765it [08:11, 1.11s/it, bound:0 nc: 18 ncall:5.8e+03 eff:30.5% logz-ratio=240.76+/-0.09 dlogz:51.878>0.1]

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1766it [08:11,  1.13it/s, bound:0 nc:  3 ncall:5.8e+03 eff:30.5% logz-
ratio=240.79+/-0.09 dlogz:51.844>0.1]

1767it [08:12,  1.34it/s, bound:0 nc:  4 ncall:5.8e+03 eff:30.5% logz-
ratio=240.83+/-0.09 dlogz:51.808>0.1]

1768it [08:12,  1.44it/s, bound:0 nc:  6 ncall:5.8e+03 eff:30.5% logz-
ratio=240.88+/-0.09 dlogz:51.765>0.1]

1769it [08:13,  1.90it/s, bound:0 nc:  1 ncall:5.8e+03 eff:30.5% logz-
ratio=240.92+/-0.09 dlogz:51.719>0.1]

1770it [08:13,  2.14it/s, bound:0 nc:  3 ncall:5.8e+03 eff:30.5% logz-
ratio=240.97+/-0.09 dlogz:51.674>0.1]

1771it [08:13,  2.78it/s, bound:0 nc:  1 ncall:5.8e+03 eff:30.5% logz-
ratio=241.01+/-0.09 dlogz:51.629>0.1]

1772it [08:13,  3.06it/s, bound:0 nc:  2 ncall:5.8e+03 eff:30.6% logz-
ratio=241.05+/-0.09 dlogz:51.584>0.1]

1773it [08:13,  3.75it/s, bound:0 nc:  1 ncall:5.8e+03 eff:30.6% logz-
ratio=241.10+/-0.09 dlogz:51.538>0.1]

1774it [08:14,  1.94it/s, bound:0 nc: 12 ncall:5.8e+03 eff:30.5% logz-
ratio=241.15+/-0.09 dlogz:51.492>0.1]

1775it [08:15,  1.80it/s, bound:0 nc:  8 ncall:5.8e+03 eff:30.5% logz-
ratio=241.19+/-0.09 dlogz:51.445>0.1]

1776it [08:15,  2.23it/s, bound:0 nc:  2 ncall:5.8e+03 eff:30.5% logz-
ratio=241.23+/-0.09 dlogz:51.400>0.1]

1777it [08:16,  1.77it/s, bound:0 nc:  9 ncall:5.8e+03 eff:30.5% logz-
ratio=241.27+/-0.09 dlogz:51.356>0.1]

1778it [08:18,  1.20it/s, bound:0 nc: 15 ncall:5.8e+03 eff:30.4% logz-
ratio=241.32+/-0.09 dlogz:51.313>0.1]

1779it [08:18,  1.63it/s, bound:0 nc:  1 ncall:5.8e+03 eff:30.4% logz-
ratio=241.36+/-0.09 dlogz:51.270>0.1]

1780it [08:18,  1.66it/s, bound:0 nc:  6 ncall:5.9e+03 eff:30.4% logz-
ratio=241.40+/-0.09 dlogz:51.227>0.1]

1781it [08:18,  2.19it/s, bound:0 nc:  1 ncall:5.9e+03 eff:30.4% logz-
ratio=241.45+/-0.09 dlogz:51.183>0.1]
```

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1782it [08:19,  2.30it/s, bound:0 nc:  4 ncall:5.9e+03 eff:30.4% logz-
ratio=241.50+/-0.09 dlogz:51.135>0.1]

1783it [08:19,  2.11it/s, bound:0 nc:  8 ncall:5.9e+03 eff:30.4% logz-
ratio=241.55+/-0.09 dlogz:51.084>0.1]

1784it [08:20,  2.18it/s, bound:0 nc:  5 ncall:5.9e+03 eff:30.4% logz-
ratio=241.61+/-0.10 dlogz:51.028>0.1]

1785it [08:20,  2.06it/s, bound:0 nc:  6 ncall:5.9e+03 eff:30.4% logz-
ratio=241.67+/-0.10 dlogz:50.971>0.1]

1786it [08:21,  1.75it/s, bound:0 nc:  9 ncall:5.9e+03 eff:30.3% logz-
ratio=241.72+/-0.10 dlogz:50.914>0.1]

1787it [08:21,  2.31it/s, bound:0 nc:  1 ncall:5.9e+03 eff:30.3% logz-
ratio=241.77+/-0.10 dlogz:50.858>0.1]

1788it [08:23,  1.44it/s, bound:0 nc: 15 ncall:5.9e+03 eff:30.3% logz-
ratio=241.82+/-0.10 dlogz:50.804>0.1]

1789it [08:23,  1.43it/s, bound:0 nc:  9 ncall:5.9e+03 eff:30.3% logz-
ratio=241.87+/-0.10 dlogz:50.752>0.1]

1790it [08:23,  1.92it/s, bound:0 nc:  1 ncall:5.9e+03 eff:30.3% logz-
ratio=241.92+/-0.10 dlogz:50.701>0.1]

1791it [08:24,  2.41it/s, bound:0 nc:  2 ncall:5.9e+03 eff:30.3% logz-
ratio=241.97+/-0.10 dlogz:50.651>0.1]

1792it [08:24,  2.21it/s, bound:0 nc:  6 ncall:5.9e+03 eff:30.3% logz-
ratio=242.02+/-0.10 dlogz:50.602>0.1]

1793it [08:25,  1.56it/s, bound:0 nc: 13 ncall:5.9e+03 eff:30.2% logz-
ratio=242.07+/-0.10 dlogz:50.554>0.1]

1794it [08:25,  1.98it/s, bound:0 nc:  2 ncall:5.9e+03 eff:30.2% logz-
ratio=242.11+/-0.10 dlogz:50.505>0.1]

1795it [08:27,  1.34it/s, bound:0 nc: 17 ncall:6.0e+03 eff:30.2% logz-
ratio=242.16+/-0.10 dlogz:50.457>0.1]

1796it [08:27,  1.81it/s, bound:0 nc:  1 ncall:6.0e+03 eff:30.2% logz-
ratio=242.21+/-0.10 dlogz:50.409>0.1]

1798it [08:27,  2.17it/s, bound:0 nc:  5 ncall:6.0e+03 eff:30.2% logz-
ratio=242.30+/-0.10 dlogz:50.313>0.1]
```

```
1799it [08:28,  2.20it/s, bound:0 nc:  5 ncall:6.0e+03 eff:30.2% logz-
ratio=242.35+/-0.10 dlogz:50.265>0.1]

1800it [08:28,  2.02it/s, bound:0 nc:  7 ncall:6.0e+03 eff:30.1% logz-
ratio=242.39+/-0.10 dlogz:50.219>0.1]

1801it [08:29,  2.21it/s, bound:0 nc:  4 ncall:6.0e+03 eff:30.1% logz-
ratio=242.44+/-0.10 dlogz:50.170>0.1]

1802it [08:29,  2.71it/s, bound:0 nc:  2 ncall:6.0e+03 eff:30.1% logz-
ratio=242.49+/-0.10 dlogz:50.120>0.1]

1803it [08:30,  2.08it/s, bound:0 nc:  9 ncall:6.0e+03 eff:30.1% logz-
ratio=242.54+/-0.10 dlogz:50.071>0.1]

1804it [08:30,  2.72it/s, bound:0 nc:  1 ncall:6.0e+03 eff:30.1% logz-
ratio=242.59+/-0.10 dlogz:50.023>0.1]

1805it [08:30,  2.57it/s, bound:0 nc:  5 ncall:6.0e+03 eff:30.1% logz-
ratio=242.63+/-0.10 dlogz:49.976>0.1]

1806it [08:31,  1.92it/s, bound:0 nc: 10 ncall:6.0e+03 eff:30.1% logz-
ratio=242.67+/-0.10 dlogz:49.929>0.1]

1807it [08:31,  2.32it/s, bound:0 nc:  2 ncall:6.0e+03 eff:30.1% logz-
ratio=242.72+/-0.10 dlogz:49.884>0.1]

1808it [08:33,  1.36it/s, bound:0 nc: 15 ncall:6.0e+03 eff:30.0% logz-
ratio=242.76+/-0.10 dlogz:49.840>0.1]

1809it [08:33,  1.46it/s, bound:0 nc:  1 ncall:6.0e+03 eff:30.0% logz-
ratio=242.81+/-0.10 dlogz:49.793>0.1]

1810it [08:33,  1.96it/s, bound:0 nc:  1 ncall:6.0e+03 eff:30.1% logz-
ratio=242.86+/-0.10 dlogz:49.742>0.1]

1811it [08:34,  2.08it/s, bound:0 nc:  4 ncall:6.0e+03 eff:30.1% logz-
ratio=242.91+/-0.10 dlogz:49.693>0.1]

1812it [08:34,  2.64it/s, bound:0 nc:  1 ncall:6.0e+03 eff:30.1% logz-
ratio=242.96+/-0.10 dlogz:49.644>0.1]

1813it [08:34,  2.27it/s, bound:0 nc:  6 ncall:6.0e+03 eff:30.1% logz-
ratio=243.00+/-0.10 dlogz:49.596>0.1]

1814it [08:35,  1.92it/s, bound:0 nc:  8 ncall:6.0e+03 eff:30.0% logz-
ratio=243.05+/-0.10 dlogz:49.549>0.1]
```

```
1816it [08:35,  2.40it/s, bound:0 nc:  3 ncall:6.0e+03 eff:30.0% logz-
ratio=243.14+/-0.10 dlogz:49.455>0.1]

1817it [08:36,  2.07it/s, bound:0 nc:  7 ncall:6.1e+03 eff:30.0% logz-
ratio=243.19+/-0.10 dlogz:49.408>0.1]

1818it [08:37,  2.08it/s, bound:0 nc:  6 ncall:6.1e+03 eff:30.0% logz-
ratio=243.23+/-0.10 dlogz:49.362>0.1]

1819it [08:37,  2.71it/s, bound:0 nc:  1 ncall:6.1e+03 eff:30.0% logz-
ratio=243.28+/-0.10 dlogz:49.316>0.1]

1820it [08:37,  3.23it/s, bound:0 nc:  2 ncall:6.1e+03 eff:30.0% logz-
ratio=243.32+/-0.10 dlogz:49.269>0.1]

1821it [08:38,  2.08it/s, bound:0 nc: 10 ncall:6.1e+03 eff:30.0% logz-
ratio=243.37+/-0.10 dlogz:49.221>0.1]

1822it [08:39,  1.46it/s, bound:0 nc: 15 ncall:6.1e+03 eff:29.9% logz-
ratio=243.42+/-0.10 dlogz:49.174>0.1]

1823it [08:39,  1.77it/s, bound:0 nc:  3 ncall:6.1e+03 eff:29.9% logz-
ratio=243.46+/-0.10 dlogz:49.127>0.1]

1824it [08:39,  2.34it/s, bound:0 nc:  1 ncall:6.1e+03 eff:30.0% logz-
ratio=243.50+/-0.10 dlogz:49.082>0.1]

1825it [08:40,  1.94it/s, bound:0 nc:  8 ncall:6.1e+03 eff:29.9% logz-
ratio=243.54+/-0.10 dlogz:49.038>0.1]

1826it [08:41,  1.61it/s, bound:0 nc: 10 ncall:6.1e+03 eff:29.9% logz-
ratio=243.59+/-0.10 dlogz:48.995>0.1]

1828it [08:42,  1.65it/s, bound:0 nc: 12 ncall:6.1e+03 eff:29.9% logz-
ratio=243.66+/-0.10 dlogz:48.913>0.1]

1829it [08:42,  2.20it/s, bound:0 nc:  1 ncall:6.1e+03 eff:29.9% logz-
ratio=243.70+/-0.10 dlogz:48.873>0.1]

1830it [08:42,  2.65it/s, bound:0 nc:  2 ncall:6.1e+03 eff:29.9% logz-
ratio=243.74+/-0.10 dlogz:48.834>0.1]

1831it [08:43,  2.75it/s, bound:0 nc:  4 ncall:6.1e+03 eff:29.9% logz-
ratio=243.78+/-0.10 dlogz:48.794>0.1]

1832it [08:43,  2.29it/s, bound:0 nc:  7 ncall:6.1e+03 eff:29.9% logz-
ratio=243.82+/-0.10 dlogz:48.753>0.1]
```

```
1833it [08:44,  2.16it/s, bound:0 nc:  5 ncall:6.1e+03 eff:29.9% logz-
ratio=243.86+/-0.10 dlogz:48.714>0.1]

1834it [08:44,  2.80it/s, bound:0 nc:  1 ncall:6.1e+03 eff:29.9% logz-
ratio=243.90+/-0.10 dlogz:48.675>0.1]

1835it [08:44,  2.77it/s, bound:0 nc:  4 ncall:6.1e+03 eff:29.9% logz-
ratio=243.94+/-0.10 dlogz:48.635>0.1]

1836it [08:45,  1.75it/s, bound:0 nc: 13 ncall:6.2e+03 eff:29.8% logz-
ratio=243.98+/-0.10 dlogz:48.594>0.1]

1837it [08:45,  2.26it/s, bound:0 nc:  2 ncall:6.2e+03 eff:29.8% logz-
ratio=244.02+/-0.10 dlogz:48.553>0.1]

1838it [08:46,  1.68it/s, bound:0 nc: 11 ncall:6.2e+03 eff:29.8% logz-
ratio=244.06+/-0.10 dlogz:48.512>0.1]

1839it [08:47,  1.69it/s, bound:0 nc:  7 ncall:6.2e+03 eff:29.8% logz-
ratio=244.09+/-0.10 dlogz:48.471>0.1]

1841it [08:47,  2.29it/s, bound:0 nc:  1 ncall:6.2e+03 eff:29.8% logz-
ratio=244.18+/-0.10 dlogz:48.390>0.1]

1842it [08:48,  2.29it/s, bound:0 nc:  5 ncall:6.2e+03 eff:29.8% logz-
ratio=244.22+/-0.10 dlogz:48.347>0.1]

1843it [08:48,  1.78it/s, bound:0 nc: 10 ncall:6.2e+03 eff:29.7% logz-
ratio=244.27+/-0.10 dlogz:48.302>0.1]

1845it [08:49,  2.38it/s, bound:0 nc:  1 ncall:6.2e+03 eff:29.8% logz-
ratio=244.37+/-0.10 dlogz:48.199>0.1]

1846it [08:49,  3.06it/s, bound:0 nc:  1 ncall:6.2e+03 eff:29.8% logz-
ratio=244.42+/-0.10 dlogz:48.148>0.1]

1847it [08:49,  2.77it/s, bound:0 nc:  5 ncall:6.2e+03 eff:29.8% logz-
ratio=244.47+/-0.10 dlogz:48.098>0.1]

1848it [08:50,  2.60it/s, bound:0 nc:  5 ncall:6.2e+03 eff:29.8% logz-
ratio=244.52+/-0.10 dlogz:48.049>0.1]

1849it [08:50,  3.24it/s, bound:0 nc:  1 ncall:6.2e+03 eff:29.8% logz-
ratio=244.56+/-0.10 dlogz:48.001>0.1]

1850it [08:50,  4.04it/s, bound:0 nc:  1 ncall:6.2e+03 eff:29.8% logz-
ratio=244.61+/-0.10 dlogz:47.955>0.1]
```

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1851it [08:51,  1.91it/s, bound:0 nc: 14 ncall:6.2e+03 eff:29.7% logz-
ratio=244.65+/-0.10 dlogz:47.910>0.1]

1852it [08:51,  2.21it/s, bound:0 nc:  3 ncall:6.2e+03 eff:29.7% logz-
ratio=244.70+/-0.10 dlogz:47.864>0.1]

1853it [08:53,  1.23it/s, bound:0 nc: 20 ncall:6.2e+03 eff:29.7% logz-
ratio=244.74+/-0.10 dlogz:47.817>0.1]

1854it [08:53,  1.36it/s, bound:0 nc:  6 ncall:6.3e+03 eff:29.6% logz-
ratio=244.79+/-0.10 dlogz:47.770>0.1]

1855it [08:54,  1.54it/s, bound:0 nc:  5 ncall:6.3e+03 eff:29.6% logz-
ratio=244.83+/-0.10 dlogz:47.723>0.1]

1856it [08:55,  1.18it/s, bound:0 nc: 17 ncall:6.3e+03 eff:29.6% logz-
ratio=244.88+/-0.10 dlogz:47.675>0.1]

1857it [08:56,  1.17it/s, bound:0 nc: 12 ncall:6.3e+03 eff:29.5% logz-
ratio=244.93+/-0.10 dlogz:47.626>0.1]

1858it [08:57,  1.18it/s, bound:0 nc: 10 ncall:6.3e+03 eff:29.5% logz-
ratio=244.98+/-0.10 dlogz:47.577>0.1]

1859it [08:57,  1.55it/s, bound:0 nc:  2 ncall:6.3e+03 eff:29.5% logz-
ratio=245.02+/-0.10 dlogz:47.528>0.1]

1860it [08:58,  1.54it/s, bound:0 nc:  8 ncall:6.3e+03 eff:29.5% logz-
ratio=245.07+/-0.10 dlogz:47.481>0.1]

1861it [08:58,  1.60it/s, bound:0 nc:  7 ncall:6.3e+03 eff:29.5% logz-
ratio=245.11+/-0.10 dlogz:47.436>0.1]

1862it [08:59,  1.56it/s, bound:0 nc:  8 ncall:6.3e+03 eff:29.5% logz-
ratio=245.16+/-0.10 dlogz:47.391>0.1]

1863it [09:00,  1.43it/s, bound:0 nc: 10 ncall:6.3e+03 eff:29.4% logz-
ratio=245.21+/-0.10 dlogz:47.343>0.1]

1864it [09:01,  1.36it/s, bound:0 nc: 10 ncall:6.3e+03 eff:29.4% logz-
ratio=245.26+/-0.10 dlogz:47.294>0.1]

1865it [09:01,  1.35it/s, bound:0 nc:  9 ncall:6.4e+03 eff:29.4% logz-
ratio=245.30+/-0.10 dlogz:47.245>0.1]

1866it [09:02,  1.35it/s, bound:0 nc:  9 ncall:6.4e+03 eff:29.3% logz-
ratio=245.35+/-0.10 dlogz:47.197>0.1]
```

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1867it [09:02,  1.68it/s, bound:0 nc:  3 ncall:6.4e+03 eff:29.3% logz-
ratio=245.40+/-0.10 dlogz:47.149>0.1]

1868it [09:03,  1.95it/s, bound:0 nc:  4 ncall:6.4e+03 eff:29.3% logz-
ratio=245.44+/-0.10 dlogz:47.102>0.1]

1869it [09:03,  2.19it/s, bound:0 nc:  4 ncall:6.4e+03 eff:29.3% logz-
ratio=245.48+/-0.10 dlogz:47.058>0.1]

1870it [09:03,  2.69it/s, bound:0 nc:  2 ncall:6.4e+03 eff:29.3% logz-
ratio=245.52+/-0.10 dlogz:47.015>0.1]

1871it [09:04,  1.87it/s, bound:0 nc: 11 ncall:6.4e+03 eff:29.3% logz-
ratio=245.56+/-0.10 dlogz:46.973>0.1]

1872it [09:06,  1.01it/s, bound:0 nc: 27 ncall:6.4e+03 eff:29.2% logz-
ratio=245.60+/-0.10 dlogz:46.932>0.1]

1873it [09:07,  1.08s/it, bound:0 nc: 16 ncall:6.4e+03 eff:29.1% logz-
ratio=245.64+/-0.10 dlogz:46.892>0.1]

1874it [09:08,  1.26it/s, bound:0 nc:  1 ncall:6.4e+03 eff:29.2% logz-
ratio=245.68+/-0.10 dlogz:46.852>0.1]

1875it [09:08,  1.47it/s, bound:0 nc:  5 ncall:6.4e+03 eff:29.1% logz-
ratio=245.72+/-0.10 dlogz:46.812>0.1]

1876it [09:08,  1.97it/s, bound:0 nc:  1 ncall:6.4e+03 eff:29.2% logz-
ratio=245.76+/-0.10 dlogz:46.772>0.1]

1877it [09:08,  2.31it/s, bound:0 nc:  3 ncall:6.4e+03 eff:29.2% logz-
ratio=245.80+/-0.10 dlogz:46.732>0.1]

1878it [09:09,  2.30it/s, bound:0 nc:  5 ncall:6.4e+03 eff:29.2% logz-
ratio=245.84+/-0.10 dlogz:46.692>0.1]

1879it [09:09,  2.81it/s, bound:0 nc:  2 ncall:6.4e+03 eff:29.2% logz-
ratio=245.88+/-0.10 dlogz:46.652>0.1]

1880it [09:09,  3.56it/s, bound:0 nc:  1 ncall:6.4e+03 eff:29.2% logz-
ratio=245.92+/-0.10 dlogz:46.610>0.1]

1881it [09:09,  4.36it/s, bound:0 nc:  1 ncall:6.4e+03 eff:29.2% logz-
ratio=245.96+/-0.10 dlogz:46.569>0.1]

1882it [09:10,  2.74it/s, bound:0 nc:  8 ncall:6.5e+03 eff:29.2% logz-
ratio=246.00+/-0.10 dlogz:46.527>0.1]
```

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1883it [09:10,  2.72it/s, bound:0 nc:  4 ncall:6.5e+03 eff:29.2% logz-
ratio=246.04+/-0.10 dlogz:46.485>0.1]

1884it [09:10,  3.38it/s, bound:0 nc:  1 ncall:6.5e+03 eff:29.2% logz-
ratio=246.08+/-0.10 dlogz:46.445>0.1]

1885it [09:11,  2.81it/s, bound:0 nc:  5 ncall:6.5e+03 eff:29.2% logz-
ratio=246.11+/-0.10 dlogz:46.405>0.1]

1886it [09:12,  1.93it/s, bound:0 nc: 11 ncall:6.5e+03 eff:29.1% logz-
ratio=246.16+/-0.10 dlogz:46.366>0.1]

1887it [09:12,  2.02it/s, bound:0 nc:  5 ncall:6.5e+03 eff:29.1% logz-
ratio=246.21+/-0.10 dlogz:46.321>0.1]

1888it [09:13,  1.68it/s, bound:0 nc: 10 ncall:6.5e+03 eff:29.1% logz-
ratio=246.25+/-0.10 dlogz:46.272>0.1]

1889it [09:14,  1.44it/s, bound:0 nc: 10 ncall:6.5e+03 eff:29.1% logz-
ratio=246.30+/-0.10 dlogz:46.226>0.1]

1890it [09:15,  1.36it/s, bound:0 nc: 10 ncall:6.5e+03 eff:29.0% logz-
ratio=246.34+/-0.10 dlogz:46.179>0.1]

1891it [09:15,  1.82it/s, bound:0 nc:  1 ncall:6.5e+03 eff:29.0% logz-
ratio=246.39+/-0.10 dlogz:46.133>0.1]

1892it [09:15,  2.41it/s, bound:0 nc:  1 ncall:6.5e+03 eff:29.1% logz-
ratio=246.43+/-0.10 dlogz:46.087>0.1]

1893it [09:16,  1.51it/s, bound:0 nc: 14 ncall:6.5e+03 eff:29.0% logz-
ratio=246.48+/-0.10 dlogz:46.042>0.1]

1894it [09:17,  1.40it/s, bound:0 nc: 11 ncall:6.5e+03 eff:29.0% logz-
ratio=246.53+/-0.10 dlogz:45.993>0.1]

1895it [09:17,  1.85it/s, bound:0 nc:  1 ncall:6.5e+03 eff:29.0% logz-
ratio=246.58+/-0.10 dlogz:45.940>0.1]

1896it [09:18,  1.38it/s, bound:0 nc: 15 ncall:6.6e+03 eff:28.9% logz-
ratio=246.63+/-0.10 dlogz:45.888>0.1]

1897it [09:19,  1.43it/s, bound:0 nc:  8 ncall:6.6e+03 eff:28.9% logz-
ratio=246.68+/-0.10 dlogz:45.837>0.1]

1898it [09:20,  1.27it/s, bound:0 nc: 11 ncall:6.6e+03 eff:28.9% logz-
ratio=246.72+/-0.10 dlogz:45.789>0.1]
```

```
1899it [09:21,  1.35it/s, bound:0 nc:  7 ncall:6.6e+03 eff:28.9% logz-
ratio=246.77+/-0.10 dlogz:45.742>0.1]

1900it [09:21,  1.74it/s, bound:0 nc:  2 ncall:6.6e+03 eff:28.9% logz-
ratio=246.81+/-0.10 dlogz:45.697>0.1]

1901it [09:21,  2.17it/s, bound:0 nc:  2 ncall:6.6e+03 eff:28.9% logz-
ratio=246.86+/-0.10 dlogz:45.651>0.1]

1902it [09:24,  1.29s/it, bound:0 nc: 38 ncall:6.6e+03 eff:28.7% logz-
ratio=246.90+/-0.10 dlogz:45.604>0.1]

1903it [09:25,  1.06s/it, bound:0 nc:  7 ncall:6.6e+03 eff:28.7% logz-
ratio=246.95+/-0.10 dlogz:45.559>0.1]

1904it [09:27,  1.28s/it, bound:0 nc: 22 ncall:6.6e+03 eff:28.6% logz-
ratio=246.99+/-0.10 dlogz:45.514>0.1]

1905it [09:27,  1.04it/s, bound:0 nc:  2 ncall:6.7e+03 eff:28.6% logz-
ratio=247.04+/-0.10 dlogz:45.469>0.1]

1906it [09:27,  1.29it/s, bound:0 nc:  4 ncall:6.7e+03 eff:28.6% logz-
ratio=247.08+/-0.10 dlogz:45.425>0.1]

1907it [09:27,  1.59it/s, bound:0 nc:  3 ncall:6.7e+03 eff:28.6% logz-
ratio=247.12+/-0.10 dlogz:45.380>0.1]

1908it [09:28,  2.00it/s, bound:0 nc:  2 ncall:6.7e+03 eff:28.6% logz-
ratio=247.17+/-0.10 dlogz:45.334>0.1]

1909it [09:28,  2.28it/s, bound:0 nc:  3 ncall:6.7e+03 eff:28.6% logz-
ratio=247.21+/-0.10 dlogz:45.289>0.1]

1910it [09:29,  1.42it/s, bound:0 nc: 16 ncall:6.7e+03 eff:28.6% logz-
ratio=247.25+/-0.10 dlogz:45.246>0.1]

1911it [09:31,  1.05s/it, bound:0 nc: 23 ncall:6.7e+03 eff:28.5% logz-
ratio=247.29+/-0.10 dlogz:45.203>0.1]

1912it [09:32,  1.10s/it, bound:0 nc: 14 ncall:6.7e+03 eff:28.5% logz-
ratio=247.33+/-0.10 dlogz:45.162>0.1]

1913it [09:33,  1.06s/it, bound:0 nc: 12 ncall:6.7e+03 eff:28.4% logz-
ratio=247.37+/-0.10 dlogz:45.122>0.1]

1914it [09:34,  1.06it/s, bound:0 nc:  7 ncall:6.7e+03 eff:28.4% logz-
ratio=247.41+/-0.10 dlogz:45.082>0.1]
```

```
1915it [09:34,  1.45it/s, bound:0 nc:  1 ncall:6.7e+03 eff:28.4% logz-
ratio=247.44+/-0.10 dlogz:45.044>0.1]

1916it [09:35,  1.41it/s, bound:0 nc:  9 ncall:6.7e+03 eff:28.4% logz-
ratio=247.48+/-0.10 dlogz:45.006>0.1]

1917it [09:35,  1.50it/s, bound:0 nc:  6 ncall:6.8e+03 eff:28.4% logz-
ratio=247.52+/-0.10 dlogz:44.967>0.1]

1918it [09:36,  1.62it/s, bound:0 nc:  5 ncall:6.8e+03 eff:28.4% logz-
ratio=247.56+/-0.10 dlogz:44.928>0.1]

1919it [09:37,  1.27it/s, bound:0 nc: 15 ncall:6.8e+03 eff:28.3% logz-
ratio=247.60+/-0.10 dlogz:44.889>0.1]

1920it [09:39,  1.00s/it, bound:0 nc: 17 ncall:6.8e+03 eff:28.3% logz-
ratio=247.63+/-0.10 dlogz:44.850>0.1]

1921it [09:39,  1.31it/s, bound:0 nc:  2 ncall:6.8e+03 eff:28.3% logz-
ratio=247.67+/-0.10 dlogz:44.811>0.1]

1922it [09:40,  1.33it/s, bound:0 nc:  8 ncall:6.8e+03 eff:28.3% logz-
ratio=247.71+/-0.10 dlogz:44.770>0.1]

1923it [09:40,  1.40it/s, bound:0 nc:  7 ncall:6.8e+03 eff:28.3% logz-
ratio=247.75+/-0.10 dlogz:44.730>0.1]

1924it [09:41,  1.41it/s, bound:0 nc:  8 ncall:6.8e+03 eff:28.2% logz-
ratio=247.79+/-0.10 dlogz:44.690>0.1]

1925it [09:43,  1.00s/it, bound:0 nc: 20 ncall:6.8e+03 eff:28.2% logz-
ratio=247.83+/-0.10 dlogz:44.650>0.1]

1926it [09:43,  1.28it/s, bound:0 nc:  3 ncall:6.8e+03 eff:28.2% logz-
ratio=247.87+/-0.10 dlogz:44.607>0.1]

1927it [09:43,  1.67it/s, bound:0 nc:  2 ncall:6.8e+03 eff:28.2% logz-
ratio=247.91+/-0.10 dlogz:44.565>0.1]

1928it [09:44,  1.58it/s, bound:0 nc:  8 ncall:6.8e+03 eff:28.2% logz-
ratio=247.95+/-0.10 dlogz:44.524>0.1]

1929it [09:44,  2.10it/s, bound:0 nc:  1 ncall:6.8e+03 eff:28.2% logz-
ratio=247.99+/-0.10 dlogz:44.483>0.1]

1930it [09:44,  2.11it/s, bound:0 nc:  5 ncall:6.9e+03 eff:28.2% logz-
ratio=248.03+/-0.10 dlogz:44.443>0.1]
```

```
1931it [09:45,  2.30it/s, bound:0 nc:  4 ncall:6.9e+03 eff:28.2% logz-
ratio=248.07+/-0.10 dlogz:44.404>0.1]

1932it [09:45,  2.62it/s, bound:0 nc:  3 ncall:6.9e+03 eff:28.2% logz-
ratio=248.11+/-0.10 dlogz:44.364>0.1]

1933it [09:45,  2.40it/s, bound:0 nc:  6 ncall:6.9e+03 eff:28.2% logz-
ratio=248.15+/-0.10 dlogz:44.324>0.1]

1934it [09:47,  1.55it/s, bound:0 nc: 13 ncall:6.9e+03 eff:28.1% logz-
ratio=248.19+/-0.10 dlogz:44.282>0.1]

1935it [09:48,  1.33it/s, bound:0 nc: 13 ncall:6.9e+03 eff:28.1% logz-
ratio=248.23+/-0.10 dlogz:44.240>0.1]

1936it [09:48,  1.44it/s, bound:0 nc:  6 ncall:6.9e+03 eff:28.1% logz-
ratio=248.27+/-0.10 dlogz:44.199>0.1]

1937it [09:49,  1.44it/s, bound:0 nc:  9 ncall:6.9e+03 eff:28.0% logz-
ratio=248.31+/-0.10 dlogz:44.160>0.1]

1938it [09:49,  1.93it/s, bound:0 nc:  1 ncall:6.9e+03 eff:28.1% logz-
ratio=248.35+/-0.10 dlogz:44.120>0.1]

1939it [09:50,  1.67it/s, bound:0 nc: 10 ncall:6.9e+03 eff:28.0% logz-
ratio=248.39+/-0.10 dlogz:44.080>0.1]

1940it [09:50,  2.08it/s, bound:0 nc:  3 ncall:6.9e+03 eff:28.0% logz-
ratio=248.42+/-0.10 dlogz:44.040>0.1]

1941it [09:51,  1.91it/s, bound:0 nc:  8 ncall:6.9e+03 eff:28.0% logz-
ratio=248.46+/-0.10 dlogz:44.001>0.1]

1942it [09:51,  1.68it/s, bound:0 nc:  9 ncall:6.9e+03 eff:28.0% logz-
ratio=248.50+/-0.10 dlogz:43.962>0.1]

1943it [09:52,  1.56it/s, bound:0 nc:  9 ncall:6.9e+03 eff:28.0% logz-
ratio=248.54+/-0.10 dlogz:43.923>0.1]

1944it [09:52,  2.00it/s, bound:0 nc:  2 ncall:6.9e+03 eff:28.0% logz-
ratio=248.57+/-0.10 dlogz:43.885>0.1]

1945it [09:54,  1.30it/s, bound:0 nc: 17 ncall:7.0e+03 eff:27.9% logz-
ratio=248.61+/-0.10 dlogz:43.847>0.1]

1946it [09:54,  1.75it/s, bound:0 nc:  1 ncall:7.0e+03 eff:27.9% logz-
ratio=248.65+/-0.10 dlogz:43.809>0.1]
```

```
1947it [09:54,  2.09it/s, bound:0 nc:  3 ncall:7.0e+03 eff:27.9% logz-
ratio=248.68+/-0.10 dlogz:43.772>0.1]

1948it [09:55,  1.91it/s, bound:0 nc:  7 ncall:7.0e+03 eff:27.9% logz-
ratio=248.72+/-0.10 dlogz:43.735>0.1]

1949it [09:56,  1.49it/s, bound:0 nc: 10 ncall:7.0e+03 eff:27.9% logz-
ratio=248.76+/-0.10 dlogz:43.698>0.1]

1950it [09:56,  1.70it/s, bound:0 nc:  4 ncall:7.0e+03 eff:27.9% logz-
ratio=248.80+/-0.10 dlogz:43.657>0.1]

1951it [09:57,  1.48it/s, bound:0 nc:  9 ncall:7.0e+03 eff:27.9% logz-
ratio=248.84+/-0.10 dlogz:43.614>0.1]

1952it [09:58,  1.28it/s, bound:0 nc: 10 ncall:7.0e+03 eff:27.8% logz-
ratio=248.88+/-0.10 dlogz:43.571>0.1]

1953it [09:58,  1.39it/s, bound:0 nc:  5 ncall:7.0e+03 eff:27.8% logz-
ratio=248.92+/-0.10 dlogz:43.529>0.1]

1954it [09:59,  1.68it/s, bound:0 nc:  2 ncall:7.0e+03 eff:27.8% logz-
ratio=248.96+/-0.10 dlogz:43.488>0.1]

1955it [10:01,  1.04it/s, bound:0 nc: 14 ncall:7.0e+03 eff:27.8% logz-
ratio=249.00+/-0.10 dlogz:43.447>0.1]

1956it [10:03,  1.27s/it, bound:0 nc: 12 ncall:7.0e+03 eff:27.8% logz-
ratio=249.04+/-0.10 dlogz:43.408>0.1]

1957it [10:03,  1.03it/s, bound:0 nc:  2 ncall:7.0e+03 eff:27.8% logz-
ratio=249.08+/-0.10 dlogz:43.370>0.1]

1958it [10:03,  1.17it/s, bound:0 nc:  5 ncall:7.0e+03 eff:27.8% logz-
ratio=249.11+/-0.10 dlogz:43.332>0.1]

1959it [10:06,  1.37s/it, bound:0 nc: 26 ncall:7.1e+03 eff:27.7% logz-
ratio=249.15+/-0.10 dlogz:43.293>0.1]

1960it [10:06,  1.04s/it, bound:0 nc:  2 ncall:7.1e+03 eff:27.7% logz-
ratio=249.19+/-0.10 dlogz:43.255>0.1]

1961it [10:07,  1.19it/s, bound:0 nc:  3 ncall:7.1e+03 eff:27.7% logz-
ratio=249.23+/-0.10 dlogz:43.217>0.1]

1962it [10:07,  1.22it/s, bound:0 nc:  7 ncall:7.1e+03 eff:27.7% logz-
ratio=249.26+/-0.10 dlogz:43.178>0.1]
```

```
1963it [10:08,  1.53it/s, bound:0 nc:  3 ncall:7.1e+03 eff:27.7% logz-
ratio=249.30+/-0.10 dlogz:43.140>0.1]

1964it [10:10,  1.22s/it, bound:0 nc: 25 ncall:7.1e+03 eff:27.6% logz-
ratio=249.34+/-0.10 dlogz:43.101>0.1]

1965it [10:11,  1.04it/s, bound:0 nc:  3 ncall:7.1e+03 eff:27.6% logz-
ratio=249.38+/-0.10 dlogz:43.062>0.1]

1966it [10:12,  1.15s/it, bound:0 nc: 15 ncall:7.1e+03 eff:27.6% logz-
ratio=249.42+/-0.10 dlogz:43.024>0.1]

1967it [10:12,  1.14it/s, bound:0 nc:  2 ncall:7.1e+03 eff:27.6% logz-
ratio=249.46+/-0.10 dlogz:42.984>0.1]

1968it [10:14,  1.03s/it, bound:0 nc: 15 ncall:7.2e+03 eff:27.5% logz-
ratio=249.49+/-0.10 dlogz:42.943>0.1]

1969it [10:14,  1.24it/s, bound:0 nc:  3 ncall:7.2e+03 eff:27.5% logz-
ratio=249.53+/-0.10 dlogz:42.903>0.1]

1970it [10:14,  1.54it/s, bound:0 nc:  3 ncall:7.2e+03 eff:27.5% logz-
ratio=249.57+/-0.10 dlogz:42.863>0.1]

1971it [10:16,  1.24it/s, bound:0 nc: 14 ncall:7.2e+03 eff:27.5% logz-
ratio=249.61+/-0.10 dlogz:42.823>0.1]

1972it [10:17,  1.09it/s, bound:0 nc: 13 ncall:7.2e+03 eff:27.4% logz-
ratio=249.65+/-0.10 dlogz:42.785>0.1]

1973it [10:17,  1.22it/s, bound:0 nc:  7 ncall:7.2e+03 eff:27.4% logz-
ratio=249.69+/-0.10 dlogz:42.745>0.1]

1974it [10:18,  1.52it/s, bound:0 nc:  3 ncall:7.2e+03 eff:27.4% logz-
ratio=249.73+/-0.10 dlogz:42.705>0.1]

1975it [10:18,  1.77it/s, bound:0 nc:  4 ncall:7.2e+03 eff:27.4% logz-
ratio=249.77+/-0.10 dlogz:42.663>0.1]

1976it [10:18,  2.30it/s, bound:0 nc:  1 ncall:7.2e+03 eff:27.4% logz-
ratio=249.81+/-0.10 dlogz:42.619>0.1]

1977it [10:19,  2.28it/s, bound:0 nc:  5 ncall:7.2e+03 eff:27.4% logz-
ratio=249.85+/-0.10 dlogz:42.576>0.1]

1978it [10:19,  2.89it/s, bound:0 nc:  1 ncall:7.2e+03 eff:27.5% logz-
ratio=249.89+/-0.10 dlogz:42.534>0.1]
```

```
1980it [10:20,  2.12it/s, bound:0 nc: 18 ncall:7.2e+03 eff:27.4% logz-
ratio=249.97+/-0.10 dlogz:42.452>0.1]

1981it [10:21,  1.76it/s, bound:0 nc:  9 ncall:7.2e+03 eff:27.4% logz-
ratio=250.01+/-0.10 dlogz:42.410>0.1]

1982it [10:21,  2.18it/s, bound:0 nc:  2 ncall:7.2e+03 eff:27.4% logz-
ratio=250.05+/-0.10 dlogz:42.370>0.1]

1983it [10:22,  1.79it/s, bound:0 nc:  9 ncall:7.2e+03 eff:27.4% logz-
ratio=250.09+/-0.10 dlogz:42.329>0.1]

1984it [10:22,  2.22it/s, bound:0 nc:  2 ncall:7.2e+03 eff:27.4% logz-
ratio=250.13+/-0.10 dlogz:42.290>0.1]

1985it [10:23,  1.71it/s, bound:0 nc: 11 ncall:7.3e+03 eff:27.4% logz-
ratio=250.17+/-0.10 dlogz:42.251>0.1]

1986it [10:24,  1.87it/s, bound:0 nc:  5 ncall:7.3e+03 eff:27.3% logz-
ratio=250.21+/-0.10 dlogz:42.212>0.1]

1987it [10:24,  1.56it/s, bound:0 nc: 10 ncall:7.3e+03 eff:27.3% logz-
ratio=250.25+/-0.10 dlogz:42.171>0.1]

1988it [10:25,  1.90it/s, bound:0 nc:  3 ncall:7.3e+03 eff:27.3% logz-
ratio=250.29+/-0.10 dlogz:42.128>0.1]

1989it [10:26,  1.16it/s, bound:0 nc: 20 ncall:7.3e+03 eff:27.3% logz-
ratio=250.33+/-0.10 dlogz:42.086>0.1]

1990it [10:27,  1.45it/s, bound:0 nc:  3 ncall:7.3e+03 eff:27.3% logz-
ratio=250.37+/-0.10 dlogz:42.046>0.1]

1991it [10:27,  1.58it/s, bound:0 nc:  6 ncall:7.3e+03 eff:27.3% logz-
ratio=250.40+/-0.10 dlogz:42.007>0.1]

1992it [10:28,  1.28it/s, bound:0 nc: 13 ncall:7.3e+03 eff:27.2% logz-
ratio=250.44+/-0.10 dlogz:41.969>0.1]

1993it [10:29,  1.23it/s, bound:0 nc: 11 ncall:7.3e+03 eff:27.2% logz-
ratio=250.48+/-0.10 dlogz:41.933>0.1]

1994it [10:30,  1.10it/s, bound:0 nc: 13 ncall:7.3e+03 eff:27.2% logz-
ratio=250.51+/-0.10 dlogz:41.896>0.1]

1995it [10:31,  1.29it/s, bound:0 nc:  5 ncall:7.3e+03 eff:27.2% logz-
ratio=250.55+/-0.10 dlogz:41.857>0.1]
```

1996it [10:32, 1.19it/s, bound:0 nc: 13 ncall:7.4e+03 eff:27.1% logz-ratio=250.59+/-0.10 dlogz:41.816>0.1]

1998it [10:32, 1.59it/s, bound:0 nc: 3 ncall:7.4e+03 eff:27.1% logz-ratio=250.67+/-0.10 dlogz:41.739>0.1]

1999it [10:33, 1.55it/s, bound:0 nc: 9 ncall:7.4e+03 eff:27.1% logz-ratio=250.70+/-0.10 dlogz:41.701>0.1]

2000it [10:33, 1.96it/s, bound:0 nc: 3 ncall:7.4e+03 eff:27.1% logz-ratio=250.74+/-0.10 dlogz:41.665>0.1]

2001it [10:34, 1.62it/s, bound:0 nc: 11 ncall:7.4e+03 eff:27.1% logz-ratio=250.77+/-0.10 dlogz:41.629>0.1]

2002it [10:34, 1.82it/s, bound:0 nc: 4 ncall:7.4e+03 eff:27.1% logz-ratio=250.80+/-0.10 dlogz:41.594>0.1]

2004it [10:34, 2.44it/s, bound:0 nc: 1 ncall:7.4e+03 eff:27.1% logz-ratio=250.87+/-0.10 dlogz:41.526>0.1]

2005it [10:34, 2.89it/s, bound:0 nc: 2 ncall:7.4e+03 eff:27.1% logz-ratio=250.90+/-0.10 dlogz:41.493>0.1]

2006it [10:35, 2.87it/s, bound:0 nc: 4 ncall:7.4e+03 eff:27.1% logz-ratio=250.93+/-0.10 dlogz:41.461>0.1]

2007it [10:35, 2.55it/s, bound:0 nc: 6 ncall:7.4e+03 eff:27.1% logz-ratio=250.96+/-0.10 dlogz:41.430>0.1]

2008it [10:35, 3.27it/s, bound:0 nc: 1 ncall:7.4e+03 eff:27.1% logz-ratio=250.99+/-0.10 dlogz:41.398>0.1]

2009it [10:36, 3.76it/s, bound:0 nc: 2 ncall:7.4e+03 eff:27.1% logz-ratio=251.02+/-0.10 dlogz:41.366>0.1]

2010it [10:36, 2.99it/s, bound:0 nc: 6 ncall:7.4e+03 eff:27.1% logz-ratio=251.05+/-0.10 dlogz:41.335>0.1]

2011it [10:36, 2.97it/s, bound:0 nc: 4 ncall:7.4e+03 eff:27.1% logz-ratio=251.08+/-0.10 dlogz:41.303>0.1]

2012it [10:38, 1.68it/s, bound:0 nc: 13 ncall:7.4e+03 eff:27.1% logz-ratio=251.11+/-0.10 dlogz:41.272>0.1]

2013it [10:40, 1.12s/it, bound:0 nc: 26 ncall:7.5e+03 eff:27.0% logz-ratio=251.14+/-0.10 dlogz:41.240>0.1]

```
2014it [10:41,  1.02s/it, bound:0 nc:  8 ncall:7.5e+03 eff:27.0% logz-
ratio=251.18+/-0.10 dlogz:41.207>0.1]

2015it [10:41,  1.15it/s, bound:0 nc:  5 ncall:7.5e+03 eff:27.0% logz-
ratio=251.21+/-0.10 dlogz:41.175>0.1]

2016it [10:42,  1.08it/s, bound:0 nc: 11 ncall:7.5e+03 eff:27.0% logz-
ratio=251.24+/-0.10 dlogz:41.144>0.1]

2017it [10:43,  1.40it/s, bound:0 nc:  2 ncall:7.5e+03 eff:27.0% logz-
ratio=251.27+/-0.10 dlogz:41.112>0.1]

2018it [10:44,  1.09it/s, bound:0 nc: 16 ncall:7.5e+03 eff:26.9% logz-
ratio=251.30+/-0.10 dlogz:41.081>0.1]

2019it [10:44,  1.46it/s, bound:0 nc:  2 ncall:7.5e+03 eff:26.9% logz-
ratio=251.33+/-0.10 dlogz:41.049>0.1]

2020it [10:45,  1.53it/s, bound:0 nc:  7 ncall:7.5e+03 eff:26.9% logz-
ratio=251.37+/-0.10 dlogz:41.013>0.1]

2021it [10:45,  1.67it/s, bound:0 nc:  5 ncall:7.5e+03 eff:26.9% logz-
ratio=251.40+/-0.10 dlogz:40.978>0.1]

2022it [10:46,  1.28it/s, bound:0 nc: 14 ncall:7.5e+03 eff:26.9% logz-
ratio=251.43+/-0.10 dlogz:40.943>0.1]

2023it [10:47,  1.60it/s, bound:0 nc:  3 ncall:7.5e+03 eff:26.9% logz-
ratio=251.47+/-0.10 dlogz:40.909>0.1]

2024it [10:47,  1.42it/s, bound:0 nc: 10 ncall:7.5e+03 eff:26.8% logz-
ratio=251.50+/-0.10 dlogz:40.876>0.1]

2025it [10:48,  1.51it/s, bound:0 nc:  7 ncall:7.5e+03 eff:26.8% logz-
ratio=251.53+/-0.10 dlogz:40.843>0.1]

2026it [10:49,  1.26it/s, bound:0 nc: 13 ncall:7.6e+03 eff:26.8% logz-
ratio=251.56+/-0.10 dlogz:40.812>0.1]

2027it [10:51,  1.09s/it, bound:0 nc: 20 ncall:7.6e+03 eff:26.7% logz-
ratio=251.59+/-0.10 dlogz:40.780>0.1]

2028it [10:52,  1.05s/it, bound:0 nc: 11 ncall:7.6e+03 eff:26.7% logz-
ratio=251.62+/-0.10 dlogz:40.747>0.1]

2030it [10:52,  1.22it/s, bound:0 nc:  6 ncall:7.6e+03 eff:26.7% logz-
ratio=251.69+/-0.10 dlogz:40.678>0.1]
```

```
2031it [10:53,  1.60it/s, bound:0 nc:  2 ncall:7.6e+03 eff:26.7% logz-
ratio=251.73+/-0.10 dlogz:40.643>0.1]

2032it [10:53,  1.82it/s, bound:0 nc:  5 ncall:7.6e+03 eff:26.7% logz-
ratio=251.76+/-0.10 dlogz:40.606>0.1]

2033it [10:53,  2.11it/s, bound:0 nc:  4 ncall:7.6e+03 eff:26.7% logz-
ratio=251.80+/-0.10 dlogz:40.570>0.1]

2034it [10:54,  2.25it/s, bound:0 nc:  5 ncall:7.6e+03 eff:26.7% logz-
ratio=251.83+/-0.10 dlogz:40.534>0.1]

2035it [10:54,  2.34it/s, bound:0 nc:  5 ncall:7.6e+03 eff:26.7% logz-
ratio=251.86+/-0.10 dlogz:40.500>0.1]

2036it [10:55,  2.24it/s, bound:0 nc:  6 ncall:7.6e+03 eff:26.7% logz-
ratio=251.90+/-0.10 dlogz:40.466>0.1]

2037it [10:55,  2.58it/s, bound:0 nc:  3 ncall:7.6e+03 eff:26.7% logz-
ratio=251.93+/-0.10 dlogz:40.433>0.1]

2038it [10:55,  3.29it/s, bound:0 nc:  1 ncall:7.6e+03 eff:26.7% logz-
ratio=251.96+/-0.10 dlogz:40.400>0.1]

2039it [10:55,  3.69it/s, bound:0 nc:  2 ncall:7.6e+03 eff:26.7% logz-
ratio=251.99+/-0.10 dlogz:40.367>0.1]

2040it [10:56,  2.16it/s, bound:0 nc: 11 ncall:7.6e+03 eff:26.7% logz-
ratio=252.03+/-0.10 dlogz:40.334>0.1]

2041it [10:57,  2.07it/s, bound:0 nc:  6 ncall:7.6e+03 eff:26.7% logz-
ratio=252.06+/-0.10 dlogz:40.298>0.1]

2042it [10:57,  1.94it/s, bound:0 nc:  7 ncall:7.7e+03 eff:26.7% logz-
ratio=252.10+/-0.10 dlogz:40.262>0.1]

2043it [10:58,  2.05it/s, bound:0 nc:  5 ncall:7.7e+03 eff:26.7% logz-
ratio=252.13+/-0.10 dlogz:40.225>0.1]

2044it [10:58,  2.21it/s, bound:0 nc:  4 ncall:7.7e+03 eff:26.7% logz-
ratio=252.17+/-0.10 dlogz:40.187>0.1]

2045it [10:58,  2.60it/s, bound:0 nc:  2 ncall:7.7e+03 eff:26.7% logz-
ratio=252.21+/-0.10 dlogz:40.150>0.1]

2046it [10:58,  2.96it/s, bound:0 nc:  2 ncall:7.7e+03 eff:26.7% logz-
ratio=252.24+/-0.10 dlogz:40.113>0.1]
```

```
2047it [10:59,  1.99it/s, bound:0 nc:  9 ncall:7.7e+03 eff:26.7% logz-
ratio=252.28+/-0.10 dlogz:40.077>0.1]

2048it [10:59,  2.60it/s, bound:0 nc:  1 ncall:7.7e+03 eff:26.7% logz-
ratio=252.31+/-0.10 dlogz:40.042>0.1]

2049it [11:00,  2.07it/s, bound:0 nc:  7 ncall:7.7e+03 eff:26.7% logz-
ratio=252.34+/-0.10 dlogz:40.007>0.1]

2050it [11:00,  2.47it/s, bound:0 nc:  2 ncall:7.7e+03 eff:26.7% logz-
ratio=252.37+/-0.10 dlogz:39.974>0.1]

2051it [11:01,  2.30it/s, bound:0 nc:  5 ncall:7.7e+03 eff:26.7% logz-
ratio=252.41+/-0.10 dlogz:39.941>0.1]

2052it [11:01,  2.22it/s, bound:0 nc:  5 ncall:7.7e+03 eff:26.7% logz-
ratio=252.44+/-0.10 dlogz:39.908>0.1]

2053it [11:03,  1.29it/s, bound:0 nc: 14 ncall:7.7e+03 eff:26.6% logz-
ratio=252.47+/-0.10 dlogz:39.876>0.1]

2054it [11:04,  1.18it/s, bound:0 nc: 10 ncall:7.7e+03 eff:26.6% logz-
ratio=252.50+/-0.10 dlogz:39.844>0.1]

2055it [11:05,  1.01s/it, bound:0 nc: 12 ncall:7.7e+03 eff:26.6% logz-
ratio=252.53+/-0.10 dlogz:39.812>0.1]

2056it [11:06,  1.22it/s, bound:0 nc:  3 ncall:7.7e+03 eff:26.6% logz-
ratio=252.56+/-0.10 dlogz:39.780>0.1]

2057it [11:07,  1.12it/s, bound:0 nc:  9 ncall:7.7e+03 eff:26.6% logz-
ratio=252.59+/-0.10 dlogz:39.748>0.1]

2058it [11:08,  1.06it/s, bound:0 nc: 10 ncall:7.8e+03 eff:26.5% logz-
ratio=252.62+/-0.10 dlogz:39.716>0.1]

2059it [11:09,  1.03it/s, bound:0 nc:  9 ncall:7.8e+03 eff:26.5% logz-
ratio=252.66+/-0.10 dlogz:39.684>0.1]

2060it [11:09,  1.33it/s, bound:0 nc:  2 ncall:7.8e+03 eff:26.5% logz-
ratio=252.69+/-0.10 dlogz:39.651>0.1]

2061it [11:12,  1.30s/it, bound:0 nc: 23 ncall:7.8e+03 eff:26.5% logz-
ratio=252.72+/-0.10 dlogz:39.617>0.1]

2062it [11:13,  1.19s/it, bound:0 nc:  8 ncall:7.8e+03 eff:26.4% logz-
ratio=252.76+/-0.10 dlogz:39.581>0.1]
```

```
2063it [11:13,  1.03it/s, bound:0 nc:  4 ncall:7.8e+03 eff:26.4% logz-
ratio=252.79+/-0.10 dlogz:39.545>0.1]

2064it [11:13,  1.28it/s, bound:0 nc:  3 ncall:7.8e+03 eff:26.5% logz-
ratio=252.83+/-0.10 dlogz:39.510>0.1]

2065it [11:14,  1.30it/s, bound:0 nc:  7 ncall:7.8e+03 eff:26.4% logz-
ratio=252.86+/-0.10 dlogz:39.474>0.1]

2066it [11:15,  1.14it/s, bound:0 nc: 13 ncall:7.8e+03 eff:26.4% logz-
ratio=252.90+/-0.10 dlogz:39.437>0.1]

2067it [11:15,  1.54it/s, bound:0 nc:  1 ncall:7.8e+03 eff:26.4% logz-
ratio=252.93+/-0.10 dlogz:39.401>0.1]

2068it [11:16,  1.79it/s, bound:0 nc:  4 ncall:7.8e+03 eff:26.4% logz-
ratio=252.97+/-0.10 dlogz:39.365>0.1]

2069it [11:16,  1.66it/s, bound:0 nc:  8 ncall:7.8e+03 eff:26.4% logz-
ratio=253.00+/-0.10 dlogz:39.329>0.1]

2070it [11:17,  1.75it/s, bound:0 nc:  6 ncall:7.8e+03 eff:26.4% logz-
ratio=253.04+/-0.10 dlogz:39.292>0.1]

2071it [11:17,  2.07it/s, bound:0 nc:  3 ncall:7.8e+03 eff:26.4% logz-
ratio=253.08+/-0.10 dlogz:39.254>0.1]

2072it [11:18,  2.13it/s, bound:0 nc:  5 ncall:7.8e+03 eff:26.4% logz-
ratio=253.11+/-0.10 dlogz:39.218>0.1]

2073it [11:18,  2.14it/s, bound:0 nc:  5 ncall:7.9e+03 eff:26.4% logz-
ratio=253.14+/-0.10 dlogz:39.182>0.1]

2074it [11:19,  1.58it/s, bound:0 nc: 12 ncall:7.9e+03 eff:26.4% logz-
ratio=253.18+/-0.10 dlogz:39.147>0.1]

2075it [11:20,  1.67it/s, bound:0 nc:  6 ncall:7.9e+03 eff:26.4% logz-
ratio=253.21+/-0.10 dlogz:39.112>0.1]

2076it [11:20,  1.53it/s, bound:0 nc:  9 ncall:7.9e+03 eff:26.3% logz-
ratio=253.25+/-0.10 dlogz:39.077>0.1]

2077it [11:21,  1.94it/s, bound:0 nc:  2 ncall:7.9e+03 eff:26.3% logz-
ratio=253.28+/-0.10 dlogz:39.042>0.1]

2078it [11:21,  2.24it/s, bound:0 nc:  3 ncall:7.9e+03 eff:26.3% logz-
ratio=253.31+/-0.10 dlogz:39.008>0.1]
```

```
2079it [11:21,  2.39it/s, bound:0 nc:  3 ncall:7.9e+03 eff:26.3% logz-
ratio=253.35+/-0.10 dlogz:38.973>0.1]


2080it [11:23,  1.14it/s, bound:0 nc: 21 ncall:7.9e+03 eff:26.3% logz-
ratio=253.38+/-0.10 dlogz:38.937>0.1]


2081it [11:25,  1.28s/it, bound:0 nc: 29 ncall:7.9e+03 eff:26.2% logz-
ratio=253.42+/-0.10 dlogz:38.901>0.1]


2082it [11:26,  1.02s/it, bound:0 nc:  5 ncall:7.9e+03 eff:26.2% logz-
ratio=253.45+/-0.10 dlogz:38.866>0.1]


2083it [11:29,  1.79s/it, bound:0 nc: 45 ncall:8.0e+03 eff:26.1% logz-
ratio=253.49+/-0.10 dlogz:38.830>0.1]


2084it [11:30,  1.34s/it, bound:0 nc:  3 ncall:8.0e+03 eff:26.1% logz-
ratio=253.52+/-0.10 dlogz:38.795>0.1]


2085it [11:33,  2.04s/it, bound:0 nc: 39 ncall:8.0e+03 eff:26.0% logz-
ratio=253.55+/-0.10 dlogz:38.760>0.1]
16:51 bilby INFO    : Written checkpoint file short1/GW150914_1_resume.pickle


2086it [12:08, 11.92s/it, bound:0 nc:  3 ncall:8.0e+03 eff:26.0% logz-
ratio=253.59+/-0.10 dlogz:38.726>0.1]


2087it [12:08,  8.39s/it, bound:0 nc:  1 ncall:8.0e+03 eff:26.0% logz-
ratio=253.62+/-0.10 dlogz:38.691>0.1]


2088it [12:09,  6.17s/it, bound:0 nc:  9 ncall:8.0e+03 eff:26.0% logz-
ratio=253.66+/-0.10 dlogz:38.656>0.1]


2089it [12:10,  4.55s/it, bound:0 nc:  8 ncall:8.1e+03 eff:25.9% logz-
ratio=253.69+/-0.10 dlogz:38.620>0.1]


2091it [12:11,  3.24s/it, bound:0 nc:  3 ncall:8.1e+03 eff:26.0% logz-
ratio=253.76+/-0.10 dlogz:38.552>0.1]


2092it [12:11,  2.44s/it, bound:0 nc:  6 ncall:8.1e+03 eff:25.9% logz-
ratio=253.79+/-0.10 dlogz:38.518>0.1]


2093it [12:12,  1.89s/it, bound:0 nc:  7 ncall:8.1e+03 eff:25.9% logz-
ratio=253.82+/-0.10 dlogz:38.485>0.1]


2094it [12:12,  1.35s/it, bound:0 nc:  1 ncall:8.1e+03 eff:25.9% logz-
ratio=253.85+/-0.10 dlogz:38.452>0.1]
```

```
2095it [12:15,  1.88s/it, bound:0 nc: 34 ncall:8.1e+03 eff:25.8% logz-
ratio=253.89+/-0.10 dlogz:38.418>0.1]

2096it [12:15,  1.38s/it, bound:0 nc:  2 ncall:8.1e+03 eff:25.9% logz-
ratio=253.92+/-0.10 dlogz:38.383>0.1]

2097it [12:15,  1.04s/it, bound:0 nc:  2 ncall:8.1e+03 eff:25.9% logz-
ratio=253.95+/-0.10 dlogz:38.349>0.1]

2098it [12:16,  1.26it/s, bound:0 nc:  2 ncall:8.1e+03 eff:25.9% logz-
ratio=253.99+/-0.10 dlogz:38.315>0.1]

2099it [12:17,  1.01it/s, bound:0 nc: 15 ncall:8.1e+03 eff:25.8% logz-
ratio=254.02+/-0.10 dlogz:38.279>0.1]

2100it [12:18,  1.12it/s, bound:0 nc:  7 ncall:8.1e+03 eff:25.8% logz-
ratio=254.06+/-0.10 dlogz:38.242>0.1]

2101it [12:18,  1.44it/s, bound:0 nc:  2 ncall:8.1e+03 eff:25.8% logz-
ratio=254.10+/-0.10 dlogz:38.204>0.1]

2102it [12:19,  1.33it/s, bound:0 nc:  8 ncall:8.1e+03 eff:25.8% logz-
ratio=254.13+/-0.10 dlogz:38.166>0.1]

2103it [12:19,  1.51it/s, bound:0 nc:  4 ncall:8.1e+03 eff:25.8% logz-
ratio=254.17+/-0.10 dlogz:38.129>0.1]

2104it [12:20,  1.46it/s, bound:0 nc:  7 ncall:8.2e+03 eff:25.8% logz-
ratio=254.21+/-0.10 dlogz:38.091>0.1]

2105it [12:21,  1.50it/s, bound:0 nc:  7 ncall:8.2e+03 eff:25.8% logz-
ratio=254.24+/-0.10 dlogz:38.053>0.1]

2106it [12:22,  1.30it/s, bound:0 nc: 10 ncall:8.2e+03 eff:25.8% logz-
ratio=254.28+/-0.10 dlogz:38.016>0.1]

2107it [12:22,  1.50it/s, bound:0 nc:  4 ncall:8.2e+03 eff:25.8% logz-
ratio=254.32+/-0.10 dlogz:37.979>0.1]

2108it [12:22,  1.96it/s, bound:0 nc:  1 ncall:8.2e+03 eff:25.8% logz-
ratio=254.35+/-0.10 dlogz:37.943>0.1]

2109it [12:23,  1.62it/s, bound:0 nc:  8 ncall:8.2e+03 eff:25.8% logz-
ratio=254.38+/-0.10 dlogz:37.907>0.1]

2110it [12:23,  1.91it/s, bound:0 nc:  4 ncall:8.2e+03 eff:25.8% logz-
ratio=254.42+/-0.10 dlogz:37.872>0.1]
```

```
2111it [12:24,  1.73it/s, bound:0 nc:  7 ncall:8.2e+03 eff:25.8% logz-
ratio=254.46+/-0.10 dlogz:37.836>0.1]

2112it [12:24,  2.24it/s, bound:0 nc:  1 ncall:8.2e+03 eff:25.8% logz-
ratio=254.49+/-0.10 dlogz:37.798>0.1]

2113it [12:26,  1.37it/s, bound:0 nc: 13 ncall:8.2e+03 eff:25.7% logz-
ratio=254.53+/-0.10 dlogz:37.760>0.1]

2114it [12:26,  1.64it/s, bound:0 nc:  3 ncall:8.2e+03 eff:25.7% logz-
ratio=254.56+/-0.10 dlogz:37.723>0.1]

2115it [12:28,  1.14it/s, bound:0 nc: 16 ncall:8.2e+03 eff:25.7% logz-
ratio=254.60+/-0.10 dlogz:37.686>0.1]

2116it [12:30,  1.32s/it, bound:0 nc: 23 ncall:8.3e+03 eff:25.6% logz-
ratio=254.63+/-0.10 dlogz:37.650>0.1]

2117it [12:31,  1.29s/it, bound:0 nc: 11 ncall:8.3e+03 eff:25.6% logz-
ratio=254.67+/-0.10 dlogz:37.615>0.1]

2118it [12:33,  1.33s/it, bound:0 nc: 15 ncall:8.3e+03 eff:25.6% logz-
ratio=254.70+/-0.10 dlogz:37.580>0.1]

2119it [12:34,  1.34s/it, bound:0 nc: 13 ncall:8.3e+03 eff:25.6% logz-
ratio=254.73+/-0.10 dlogz:37.546>0.1]

2120it [12:34,  1.01s/it, bound:0 nc:  2 ncall:8.3e+03 eff:25.6% logz-
ratio=254.77+/-0.10 dlogz:37.512>0.1]

2121it [12:34,  1.24it/s, bound:0 nc:  3 ncall:8.3e+03 eff:25.6% logz-
ratio=254.80+/-0.10 dlogz:37.479>0.1]

2122it [12:36,  1.13it/s, bound:0 nc: 10 ncall:8.3e+03 eff:25.6% logz-
ratio=254.83+/-0.10 dlogz:37.446>0.1]

2123it [12:36,  1.25it/s, bound:0 nc:  6 ncall:8.3e+03 eff:25.5% logz-
ratio=254.86+/-0.10 dlogz:37.414>0.1]

2124it [12:36,  1.50it/s, bound:0 nc:  3 ncall:8.3e+03 eff:25.5% logz-
ratio=254.89+/-0.10 dlogz:37.382>0.1]

2125it [12:37,  1.84it/s, bound:0 nc:  2 ncall:8.3e+03 eff:25.6% logz-
ratio=254.92+/-0.10 dlogz:37.350>0.1]

2126it [12:38,  1.52it/s, bound:0 nc:  9 ncall:8.3e+03 eff:25.5% logz-
ratio=254.95+/-0.10 dlogz:37.318>0.1]
```

```
2127it [12:38,  1.46it/s, bound:0 nc:  7 ncall:8.3e+03 eff:25.5% logz-
ratio=254.99+/-0.10 dlogz:37.285>0.1]

2128it [12:41,  1.27s/it, bound:0 nc: 26 ncall:8.4e+03 eff:25.5% logz-
ratio=255.02+/-0.10 dlogz:37.252>0.1]

2129it [12:42,  1.18s/it, bound:0 nc:  9 ncall:8.4e+03 eff:25.4% logz-
ratio=255.05+/-0.10 dlogz:37.219>0.1]

2130it [12:44,  1.41s/it, bound:0 nc: 18 ncall:8.4e+03 eff:25.4% logz-
ratio=255.09+/-0.10 dlogz:37.185>0.1]

2131it [12:44,  1.13s/it, bound:0 nc:  4 ncall:8.4e+03 eff:25.4% logz-
ratio=255.12+/-0.10 dlogz:37.150>0.1]

2132it [12:46,  1.21s/it, bound:0 nc: 14 ncall:8.4e+03 eff:25.4% logz-
ratio=255.15+/-0.10 dlogz:37.115>0.1]

2133it [12:47,  1.17s/it, bound:0 nc: 11 ncall:8.4e+03 eff:25.4% logz-
ratio=255.18+/-0.10 dlogz:37.081>0.1]

2134it [12:47,  1.12it/s, bound:0 nc:  2 ncall:8.4e+03 eff:25.4% logz-
ratio=255.22+/-0.10 dlogz:37.047>0.1]

2135it [12:47,  1.50it/s, bound:0 nc:  1 ncall:8.4e+03 eff:25.4% logz-
ratio=255.25+/-0.10 dlogz:37.014>0.1]

2136it [12:48,  1.75it/s, bound:0 nc:  3 ncall:8.4e+03 eff:25.4% logz-
ratio=255.28+/-0.10 dlogz:36.981>0.1]

2137it [12:48,  2.27it/s, bound:0 nc:  1 ncall:8.4e+03 eff:25.4% logz-
ratio=255.31+/-0.10 dlogz:36.949>0.1]

2138it [12:49,  1.45it/s, bound:0 nc: 12 ncall:8.4e+03 eff:25.4% logz-
ratio=255.34+/-0.10 dlogz:36.916>0.1]

2139it [12:49,  1.94it/s, bound:0 nc:  1 ncall:8.4e+03 eff:25.4% logz-
ratio=255.37+/-0.10 dlogz:36.884>0.1]

2140it [12:50,  1.33it/s, bound:0 nc: 14 ncall:8.4e+03 eff:25.3% logz-
ratio=255.41+/-0.10 dlogz:36.851>0.1]

2141it [12:51,  1.52it/s, bound:0 nc:  4 ncall:8.5e+03 eff:25.3% logz-
ratio=255.44+/-0.10 dlogz:36.818>0.1]

2142it [12:52,  1.45it/s, bound:0 nc:  7 ncall:8.5e+03 eff:25.3% logz-
ratio=255.47+/-0.10 dlogz:36.785>0.1]
```

2143it [12:54, 1.06s/it, bound:0 nc: 20 ncall:8.5e+03 eff:25.3% logz-ratio=255.50+/-0.10 dlogz:36.753>0.1]

2144it [12:54, 1.10it/s, bound:0 nc: 6 ncall:8.5e+03 eff:25.3% logz-ratio=255.53+/-0.10 dlogz:36.720>0.1]

2145it [12:54, 1.42it/s, bound:0 nc: 3 ncall:8.5e+03 eff:25.3% logz-ratio=255.56+/-0.10 dlogz:36.688>0.1]

2146it [12:55, 1.58it/s, bound:0 nc: 6 ncall:8.5e+03 eff:25.3% logz-ratio=255.59+/-0.10 dlogz:36.656>0.1]

2147it [12:55, 1.90it/s, bound:0 nc: 3 ncall:8.5e+03 eff:25.3% logz-ratio=255.62+/-0.10 dlogz:36.625>0.1]

2148it [12:55, 2.38it/s, bound:0 nc: 2 ncall:8.5e+03 eff:25.3% logz-ratio=255.65+/-0.10 dlogz:36.595>0.1]

2149it [12:56, 2.63it/s, bound:0 nc: 3 ncall:8.5e+03 eff:25.3% logz-ratio=255.68+/-0.10 dlogz:36.564>0.1]

2150it [12:56, 3.35it/s, bound:0 nc: 1 ncall:8.5e+03 eff:25.3% logz-ratio=255.71+/-0.10 dlogz:36.532>0.1]

2151it [12:56, 2.66it/s, bound:0 nc: 6 ncall:8.5e+03 eff:25.3% logz-ratio=255.74+/-0.10 dlogz:36.501>0.1]

2152it [12:58, 1.50it/s, bound:0 nc: 16 ncall:8.5e+03 eff:25.2% logz-ratio=255.77+/-0.10 dlogz:36.470>0.1]

2153it [12:59, 1.22it/s, bound:0 nc: 14 ncall:8.5e+03 eff:25.2% logz-ratio=255.80+/-0.10 dlogz:36.439>0.1]

2154it [12:59, 1.41it/s, bound:0 nc: 5 ncall:8.5e+03 eff:25.2% logz-ratio=255.83+/-0.10 dlogz:36.408>0.1]

2155it [13:00, 1.36it/s, bound:0 nc: 9 ncall:8.6e+03 eff:25.2% logz-ratio=255.87+/-0.10 dlogz:36.376>0.1]

2156it [13:00, 1.74it/s, bound:0 nc: 2 ncall:8.6e+03 eff:25.2% logz-ratio=255.90+/-0.10 dlogz:36.344>0.1]

2157it [13:02, 1.25it/s, bound:0 nc: 15 ncall:8.6e+03 eff:25.2% logz-ratio=255.93+/-0.10 dlogz:36.312>0.1]

2158it [13:02, 1.68it/s, bound:0 nc: 1 ncall:8.6e+03 eff:25.2% logz-ratio=255.96+/-0.10 dlogz:36.280>0.1]

2159it [13:02, 1.57it/s, bound:0 nc: 8 ncall:8.6e+03 eff:25.2% logz-ratio=255.99+/-0.10 dlogz:36.248>0.1]

2160it [13:03, 1.72it/s, bound:0 nc: 6 ncall:8.6e+03 eff:25.2% logz-ratio=256.02+/-0.10 dlogz:36.217>0.1]

2161it [13:03, 2.28it/s, bound:0 nc: 1 ncall:8.6e+03 eff:25.2% logz-ratio=256.05+/-0.10 dlogz:36.186>0.1]

2162it [13:05, 1.04s/it, bound:0 nc: 31 ncall:8.6e+03 eff:25.1% logz-ratio=256.08+/-0.10 dlogz:36.155>0.1]

2163it [13:07, 1.22s/it, bound:0 nc: 19 ncall:8.6e+03 eff:25.0% logz-ratio=256.11+/-0.10 dlogz:36.125>0.1]

2164it [13:07, 1.11it/s, bound:0 nc: 2 ncall:8.6e+03 eff:25.1% logz-ratio=256.14+/-0.10 dlogz:36.094>0.1]

2165it [13:08, 1.35it/s, bound:0 nc: 4 ncall:8.6e+03 eff:25.1% logz-ratio=256.17+/-0.10 dlogz:36.063>0.1]

2166it [13:08, 1.69it/s, bound:0 nc: 3 ncall:8.6e+03 eff:25.1% logz-ratio=256.20+/-0.10 dlogz:36.030>0.1]

2167it [13:09, 1.35it/s, bound:0 nc: 12 ncall:8.7e+03 eff:25.0% logz-ratio=256.24+/-0.10 dlogz:35.997>0.1]

2168it [13:09, 1.73it/s, bound:0 nc: 2 ncall:8.7e+03 eff:25.0% logz-ratio=256.27+/-0.10 dlogz:35.963>0.1]

2169it [13:09, 1.91it/s, bound:0 nc: 4 ncall:8.7e+03 eff:25.0% logz-ratio=256.30+/-0.10 dlogz:35.929>0.1]

2170it [13:11, 1.09it/s, bound:0 nc: 20 ncall:8.7e+03 eff:25.0% logz-ratio=256.33+/-0.10 dlogz:35.897>0.1]

2171it [13:12, 1.31it/s, bound:0 nc: 4 ncall:8.7e+03 eff:25.0% logz-ratio=256.36+/-0.10 dlogz:35.865>0.1]

2172it [13:12, 1.59it/s, bound:0 nc: 3 ncall:8.7e+03 eff:25.0% logz-ratio=256.39+/-0.10 dlogz:35.833>0.1]

2173it [13:14, 1.04s/it, bound:0 nc: 21 ncall:8.7e+03 eff:24.9% logz-ratio=256.42+/-0.10 dlogz:35.803>0.1]

2174it [13:15, 1.02it/s, bound:0 nc: 10 ncall:8.7e+03 eff:24.9% logz-ratio=256.45+/-0.10 dlogz:35.772>0.1]

```
2175it [13:16,  1.15it/s, bound:0 nc:  7 ncall:8.7e+03 eff:24.9% logz-
ratio=256.48+/-0.10 dlogz:35.742>0.1]

2176it [13:17,  1.07it/s, bound:0 nc: 11 ncall:8.7e+03 eff:24.9% logz-
ratio=256.51+/-0.10 dlogz:35.712>0.1]

2177it [13:17,  1.46it/s, bound:0 nc:  1 ncall:8.7e+03 eff:24.9% logz-
ratio=256.53+/-0.10 dlogz:35.683>0.1]

2178it [13:17,  1.57it/s, bound:0 nc:  6 ncall:8.7e+03 eff:24.9% logz-
ratio=256.56+/-0.10 dlogz:35.654>0.1]

2179it [13:18,  1.50it/s, bound:0 nc:  8 ncall:8.8e+03 eff:24.9% logz-
ratio=256.59+/-0.10 dlogz:35.626>0.1]

2180it [13:19,  1.47it/s, bound:0 nc:  8 ncall:8.8e+03 eff:24.9% logz-
ratio=256.61+/-0.10 dlogz:35.599>0.1]

2181it [13:21,  1.14s/it, bound:0 nc: 26 ncall:8.8e+03 eff:24.8% logz-
ratio=256.64+/-0.10 dlogz:35.571>0.1]

2182it [13:21,  1.07it/s, bound:0 nc:  5 ncall:8.8e+03 eff:24.8% logz-
ratio=256.67+/-0.10 dlogz:35.543>0.1]

2183it [13:22,  1.02it/s, bound:0 nc: 14 ncall:8.8e+03 eff:24.8% logz-
ratio=256.69+/-0.10 dlogz:35.515>0.1]

2184it [13:23,  1.34it/s, bound:0 nc:  2 ncall:8.8e+03 eff:24.8% logz-
ratio=256.72+/-0.10 dlogz:35.488>0.1]

2185it [13:23,  1.61it/s, bound:0 nc:  4 ncall:8.8e+03 eff:24.8% logz-
ratio=256.75+/-0.10 dlogz:35.461>0.1]

2186it [13:24,  1.18it/s, bound:0 nc: 17 ncall:8.8e+03 eff:24.8% logz-
ratio=256.77+/-0.10 dlogz:35.433>0.1]

2187it [13:25,  1.34it/s, bound:0 nc:  7 ncall:8.8e+03 eff:24.7% logz-
ratio=256.80+/-0.10 dlogz:35.407>0.1]

2188it [13:27,  1.18s/it, bound:0 nc: 28 ncall:8.9e+03 eff:24.7% logz-
ratio=256.82+/-0.10 dlogz:35.380>0.1]

2189it [13:27,  1.10it/s, bound:0 nc:  3 ncall:8.9e+03 eff:24.7% logz-
ratio=256.85+/-0.10 dlogz:35.353>0.1]

2190it [13:28,  1.40it/s, bound:0 nc:  3 ncall:8.9e+03 eff:24.7% logz-
ratio=256.87+/-0.10 dlogz:35.327>0.1]
```

```
2191it [13:28,  1.81it/s, bound:0 nc:  2 ncall:8.9e+03 eff:24.7% logz-
ratio=256.90+/-0.10 dlogz:35.301>0.1]

2192it [13:28,  1.79it/s, bound:0 nc:  7 ncall:8.9e+03 eff:24.7% logz-
ratio=256.92+/-0.10 dlogz:35.275>0.1]

2193it [13:29,  2.01it/s, bound:0 nc:  4 ncall:8.9e+03 eff:24.7% logz-
ratio=256.95+/-0.10 dlogz:35.250>0.1]

2194it [13:30,  1.58it/s, bound:0 nc: 11 ncall:8.9e+03 eff:24.7% logz-
ratio=256.97+/-0.10 dlogz:35.225>0.1]

2195it [13:31,  1.36it/s, bound:0 nc: 10 ncall:8.9e+03 eff:24.6% logz-
ratio=256.99+/-0.10 dlogz:35.201>0.1]

2196it [13:31,  1.28it/s, bound:0 nc:  9 ncall:8.9e+03 eff:24.6% logz-
ratio=257.02+/-0.10 dlogz:35.177>0.1]

2197it [13:32,  1.73it/s, bound:0 nc:  1 ncall:8.9e+03 eff:24.6% logz-
ratio=257.04+/-0.10 dlogz:35.152>0.1]

2198it [13:32,  2.25it/s, bound:0 nc:  1 ncall:8.9e+03 eff:24.7% logz-
ratio=257.07+/-0.10 dlogz:35.126>0.1]

2199it [13:33,  1.35it/s, bound:0 nc: 15 ncall:8.9e+03 eff:24.6% logz-
ratio=257.09+/-0.09 dlogz:35.102>0.1]

2200it [13:35,  1.10s/it, bound:0 nc: 18 ncall:8.9e+03 eff:24.6% logz-
ratio=257.11+/-0.09 dlogz:35.077>0.1]

2201it [13:37,  1.20s/it, bound:0 nc: 15 ncall:9.0e+03 eff:24.6% logz-
ratio=257.14+/-0.09 dlogz:35.052>0.1]

2202it [13:38,  1.19s/it, bound:0 nc: 11 ncall:9.0e+03 eff:24.5% logz-
ratio=257.16+/-0.09 dlogz:35.027>0.1]

2203it [13:38,  1.06s/it, bound:0 nc:  7 ncall:9.0e+03 eff:24.5% logz-
ratio=257.19+/-0.09 dlogz:35.002>0.1]

2204it [13:39,  1.08it/s, bound:0 nc:  6 ncall:9.0e+03 eff:24.5% logz-
ratio=257.21+/-0.09 dlogz:34.976>0.1]

2205it [13:41,  1.13s/it, bound:0 nc: 16 ncall:9.0e+03 eff:24.5% logz-
ratio=257.23+/-0.09 dlogz:34.951>0.1]

2206it [13:42,  1.26s/it, bound:0 nc: 15 ncall:9.0e+03 eff:24.5% logz-
ratio=257.26+/-0.09 dlogz:34.927>0.1]
```

```
2207it [13:44,  1.47s/it, bound:0 nc: 21 ncall:9.0e+03 eff:24.4% logz-
ratio=257.28+/-0.09 dlogz:34.903>0.1]

2208it [13:46,  1.66s/it, bound:0 nc: 18 ncall:9.1e+03 eff:24.4% logz-
ratio=257.31+/-0.09 dlogz:34.878>0.1]

2209it [13:47,  1.34s/it, bound:0 nc:  6 ncall:9.1e+03 eff:24.4% logz-
ratio=257.33+/-0.09 dlogz:34.852>0.1]

2210it [13:48,  1.26s/it, bound:0 nc: 11 ncall:9.1e+03 eff:24.4% logz-
ratio=257.35+/-0.09 dlogz:34.826>0.1]

2211it [13:48,  1.09it/s, bound:0 nc:  1 ncall:9.1e+03 eff:24.4% logz-
ratio=257.38+/-0.09 dlogz:34.800>0.1]

2212it [13:52,  1.92s/it, bound:0 nc: 40 ncall:9.1e+03 eff:24.3% logz-
ratio=257.41+/-0.09 dlogz:34.773>0.1]

2213it [13:53,  1.53s/it, bound:0 nc:  6 ncall:9.1e+03 eff:24.3% logz-
ratio=257.43+/-0.09 dlogz:34.745>0.1]

2214it [13:54,  1.43s/it, bound:0 nc: 12 ncall:9.1e+03 eff:24.2% logz-
ratio=257.46+/-0.09 dlogz:34.717>0.1]

2215it [13:56,  1.60s/it, bound:0 nc: 18 ncall:9.2e+03 eff:24.2% logz-
ratio=257.49+/-0.09 dlogz:34.690>0.1]

2216it [13:56,  1.16s/it, bound:0 nc:  1 ncall:9.2e+03 eff:24.2% logz-
ratio=257.51+/-0.09 dlogz:34.663>0.1]

2217it [13:57,  1.03it/s, bound:0 nc:  6 ncall:9.2e+03 eff:24.2% logz-
ratio=257.54+/-0.09 dlogz:34.636>0.1]

2218it [13:57,  1.21it/s, bound:0 nc:  5 ncall:9.2e+03 eff:24.2% logz-
ratio=257.56+/-0.09 dlogz:34.610>0.1]

2219it [13:58,  1.18it/s, bound:0 nc: 10 ncall:9.2e+03 eff:24.2% logz-
ratio=257.59+/-0.09 dlogz:34.584>0.1]

2220it [13:58,  1.59it/s, bound:0 nc:  1 ncall:9.2e+03 eff:24.2% logz-
ratio=257.61+/-0.09 dlogz:34.559>0.1]

2221it [13:59,  1.81it/s, bound:0 nc:  4 ncall:9.2e+03 eff:24.2% logz-
ratio=257.64+/-0.09 dlogz:34.534>0.1]

2222it [13:59,  2.11it/s, bound:0 nc:  3 ncall:9.2e+03 eff:24.2% logz-
ratio=257.66+/-0.09 dlogz:34.509>0.1]
```

```
2223it [13:59,  2.62it/s, bound:0 nc:  2 ncall:9.2e+03 eff:24.2% logz-
ratio=257.68+/-0.09 dlogz:34.483>0.1]

2224it [14:01,  1.05it/s, bound:0 nc: 27 ncall:9.2e+03 eff:24.1% logz-
ratio=257.71+/-0.09 dlogz:34.458>0.1]

2225it [14:03,  1.14s/it, bound:0 nc: 18 ncall:9.2e+03 eff:24.1% logz-
ratio=257.73+/-0.09 dlogz:34.432>0.1]

2226it [14:03,  1.06it/s, bound:0 nc:  6 ncall:9.2e+03 eff:24.1% logz-
ratio=257.76+/-0.09 dlogz:34.407>0.1]

2227it [14:04,  1.29it/s, bound:0 nc:  4 ncall:9.2e+03 eff:24.1% logz-
ratio=257.78+/-0.09 dlogz:34.382>0.1]

2228it [14:05,  1.12it/s, bound:0 nc: 14 ncall:9.3e+03 eff:24.1% logz-
ratio=257.81+/-0.09 dlogz:34.357>0.1]

2229it [14:07,  1.31s/it, bound:0 nc: 28 ncall:9.3e+03 eff:24.0% logz-
ratio=257.83+/-0.09 dlogz:34.332>0.1]

2230it [14:10,  1.58s/it, bound:0 nc: 29 ncall:9.3e+03 eff:24.0% logz-
ratio=257.85+/-0.09 dlogz:34.308>0.1]

2231it [14:10,  1.16s/it, bound:0 nc:  2 ncall:9.3e+03 eff:24.0% logz-
ratio=257.87+/-0.09 dlogz:34.284>0.1]

2232it [14:11,  1.18s/it, bound:0 nc: 15 ncall:9.3e+03 eff:23.9% logz-
ratio=257.90+/-0.09 dlogz:34.260>0.1]

2233it [14:11,  1.16it/s, bound:0 nc:  1 ncall:9.3e+03 eff:23.9% logz-
ratio=257.92+/-0.09 dlogz:34.236>0.1]

2234it [14:12,  1.00it/s, bound:0 nc: 16 ncall:9.3e+03 eff:23.9% logz-
ratio=257.94+/-0.09 dlogz:34.213>0.1]

2235it [14:13,  1.32it/s, bound:0 nc:  2 ncall:9.3e+03 eff:23.9% logz-
ratio=257.96+/-0.09 dlogz:34.190>0.1]

2236it [14:14,  1.03s/it, bound:0 nc: 17 ncall:9.4e+03 eff:23.9% logz-
ratio=257.98+/-0.09 dlogz:34.167>0.1]

2237it [14:14,  1.32it/s, bound:0 nc:  1 ncall:9.4e+03 eff:23.9% logz-
ratio=258.01+/-0.09 dlogz:34.144>0.1]

2238it [14:15,  1.16it/s, bound:0 nc: 10 ncall:9.4e+03 eff:23.9% logz-
ratio=258.03+/-0.09 dlogz:34.122>0.1]
```

```
2239it [14:16,  1.22it/s, bound:0 nc:  6 ncall:9.4e+03 eff:23.9% logz-
ratio=258.05+/-0.09 dlogz:34.099>0.1]

2240it [14:20,  1.85s/it, bound:0 nc: 33 ncall:9.4e+03 eff:23.8% logz-
ratio=258.07+/-0.09 dlogz:34.077>0.1]

2241it [14:21,  1.39s/it, bound:0 nc:  2 ncall:9.4e+03 eff:23.8% logz-
ratio=258.09+/-0.09 dlogz:34.055>0.1]

2242it [14:21,  1.04s/it, bound:0 nc:  2 ncall:9.4e+03 eff:23.8% logz-
ratio=258.11+/-0.09 dlogz:34.033>0.1]

2243it [14:21,  1.23it/s, bound:0 nc:  3 ncall:9.4e+03 eff:23.8% logz-
ratio=258.13+/-0.09 dlogz:34.012>0.1]

2244it [14:22,  1.20it/s, bound:0 nc: 10 ncall:9.4e+03 eff:23.8% logz-
ratio=258.15+/-0.09 dlogz:33.990>0.1]

2245it [14:23,  1.38it/s, bound:0 nc:  5 ncall:9.4e+03 eff:23.8% logz-
ratio=258.17+/-0.09 dlogz:33.969>0.1]

2246it [14:24,  1.19it/s, bound:0 nc: 11 ncall:9.4e+03 eff:23.8% logz-
ratio=258.19+/-0.09 dlogz:33.946>0.1]

2247it [14:26,  1.16s/it, bound:0 nc: 21 ncall:9.5e+03 eff:23.7% logz-
ratio=258.22+/-0.09 dlogz:33.924>0.1]

2248it [14:26,  1.01it/s, bound:0 nc:  7 ncall:9.5e+03 eff:23.7% logz-
ratio=258.24+/-0.09 dlogz:33.902>0.1]

2249it [14:27,  1.05it/s, bound:0 nc: 12 ncall:9.5e+03 eff:23.7% logz-
ratio=258.26+/-0.09 dlogz:33.881>0.1]

2251it [14:29,  1.07it/s, bound:0 nc: 22 ncall:9.5e+03 eff:23.7% logz-
ratio=258.30+/-0.09 dlogz:33.837>0.1]

2252it [14:30,  1.11it/s, bound:0 nc: 11 ncall:9.5e+03 eff:23.7% logz-
ratio=258.32+/-0.09 dlogz:33.815>0.1]

2253it [14:30,  1.48it/s, bound:0 nc:  2 ncall:9.5e+03 eff:23.7% logz-
ratio=258.34+/-0.09 dlogz:33.793>0.1]

2255it [14:30,  1.92it/s, bound:0 nc:  4 ncall:9.5e+03 eff:23.7% logz-
ratio=258.39+/-0.09 dlogz:33.747>0.1]

2256it [14:31,  1.62it/s, bound:0 nc: 13 ncall:9.5e+03 eff:23.6% logz-
ratio=258.41+/-0.09 dlogz:33.723>0.1]
```

```
2257it [14:31,  1.96it/s, bound:0 nc:  4 ncall:9.5e+03 eff:23.6% logz-
ratio=258.44+/-0.09 dlogz:33.698>0.1]

2259it [14:32,  2.36it/s, bound:0 nc:  6 ncall:9.6e+03 eff:23.7% logz-
ratio=258.49+/-0.09 dlogz:33.646>0.1]

2260it [14:32,  2.85it/s, bound:0 nc:  3 ncall:9.6e+03 eff:23.7% logz-
ratio=258.51+/-0.09 dlogz:33.620>0.1]

2261it [14:32,  2.57it/s, bound:0 nc:  8 ncall:9.6e+03 eff:23.6% logz-
ratio=258.54+/-0.09 dlogz:33.594>0.1]

2262it [14:33,  1.79it/s, bound:0 nc: 16 ncall:9.6e+03 eff:23.6% logz-
ratio=258.56+/-0.09 dlogz:33.569>0.1]

2263it [14:34,  1.87it/s, bound:0 nc:  8 ncall:9.6e+03 eff:23.6% logz-
ratio=258.58+/-0.09 dlogz:33.544>0.1]

2264it [14:34,  2.20it/s, bound:0 nc:  4 ncall:9.6e+03 eff:23.6% logz-
ratio=258.61+/-0.09 dlogz:33.519>0.1]

2265it [14:35,  1.79it/s, bound:0 nc: 13 ncall:9.6e+03 eff:23.6% logz-
ratio=258.63+/-0.09 dlogz:33.494>0.1]

2266it [14:37,  1.10it/s, bound:0 nc: 30 ncall:9.6e+03 eff:23.5% logz-
ratio=258.65+/-0.09 dlogz:33.470>0.1]

2267it [14:37,  1.28it/s, bound:0 nc:  8 ncall:9.6e+03 eff:23.5% logz-
ratio=258.68+/-0.09 dlogz:33.445>0.1]

2268it [14:38,  1.21it/s, bound:0 nc: 17 ncall:9.7e+03 eff:23.5% logz-
ratio=258.70+/-0.09 dlogz:33.421>0.1]

2269it [14:39,  1.30it/s, bound:0 nc: 10 ncall:9.7e+03 eff:23.5% logz-
ratio=258.73+/-0.09 dlogz:33.396>0.1]

2271it [14:39,  1.72it/s, bound:0 nc:  4 ncall:9.7e+03 eff:23.5% logz-
ratio=258.78+/-0.09 dlogz:33.344>0.1]

2272it [14:39,  2.17it/s, bound:0 nc:  3 ncall:9.7e+03 eff:23.5% logz-
ratio=258.80+/-0.09 dlogz:33.318>0.1]

2273it [14:39,  2.31it/s, bound:0 nc:  6 ncall:9.7e+03 eff:23.5% logz-
ratio=258.82+/-0.09 dlogz:33.293>0.1]

2274it [14:41,  1.43it/s, bound:0 nc: 24 ncall:9.7e+03 eff:23.4% logz-
ratio=258.85+/-0.09 dlogz:33.267>0.1]
```

```
2275it [14:42,  1.06it/s, bound:0 nc: 28 ncall:9.7e+03 eff:23.4% logz-
ratio=258.87+/-0.09 dlogz:33.242>0.1]

2276it [14:43,  1.34it/s, bound:0 nc:  5 ncall:9.7e+03 eff:23.4% logz-
ratio=258.90+/-0.09 dlogz:33.216>0.1]

2277it [14:43,  1.78it/s, bound:0 nc:  2 ncall:9.7e+03 eff:23.4% logz-
ratio=258.92+/-0.09 dlogz:33.191>0.1]

2278it [14:44,  1.51it/s, bound:0 nc: 15 ncall:9.8e+03 eff:23.3% logz-
ratio=258.95+/-0.09 dlogz:33.165>0.1]

2279it [14:46,  1.04s/it, bound:0 nc: 35 ncall:9.8e+03 eff:23.3% logz-
ratio=258.97+/-0.09 dlogz:33.139>0.1]

2280it [14:46,  1.14it/s, bound:0 nc:  9 ncall:9.8e+03 eff:23.3% logz-
ratio=259.00+/-0.09 dlogz:33.113>0.1]

2281it [14:47,  1.08it/s, bound:0 nc: 19 ncall:9.8e+03 eff:23.2% logz-
ratio=259.02+/-0.09 dlogz:33.087>0.1]

2283it [14:47,  1.46it/s, bound:0 nc:  3 ncall:9.8e+03 eff:23.2% logz-
ratio=259.07+/-0.09 dlogz:33.036>0.1]

2284it [14:48,  1.59it/s, bound:0 nc:  9 ncall:9.8e+03 eff:23.2% logz-
ratio=259.10+/-0.09 dlogz:33.010>0.1]

2285it [14:49,  1.18it/s, bound:0 nc: 25 ncall:9.9e+03 eff:23.2% logz-
ratio=259.12+/-0.09 dlogz:32.986>0.1]

2286it [14:49,  1.54it/s, bound:0 nc:  3 ncall:9.9e+03 eff:23.2% logz-
ratio=259.14+/-0.09 dlogz:32.961>0.1]

2287it [14:51,  1.02it/s, bound:0 nc: 32 ncall:9.9e+03 eff:23.1% logz-
ratio=259.17+/-0.09 dlogz:32.936>0.1]

2288it [14:52,  1.12it/s, bound:0 nc: 12 ncall:9.9e+03 eff:23.1% logz-
ratio=259.19+/-0.09 dlogz:32.910>0.1]

2289it [14:52,  1.45it/s, bound:0 nc:  4 ncall:9.9e+03 eff:23.1% logz-
ratio=259.22+/-0.09 dlogz:32.883>0.1]

2290it [14:52,  1.92it/s, bound:0 nc:  2 ncall:9.9e+03 eff:23.1% logz-
ratio=259.25+/-0.09 dlogz:32.855>0.1]

2291it [14:52,  2.50it/s, bound:0 nc:  2 ncall:9.9e+03 eff:23.1% logz-
ratio=259.28+/-0.09 dlogz:32.826>0.1]
```

2292it [14:54, 1.42it/s, bound:0 nc: 26 ncall:9.9e+03 eff:23.1% logz-ratio=259.30+/-0.09 dlogz:32.797>0.1]

2293it [14:54, 1.67it/s, bound:0 nc: 6 ncall:9.9e+03 eff:23.1% logz-ratio=259.33+/-0.09 dlogz:32.769>0.1]

2294it [14:55, 1.66it/s, bound:0 nc: 11 ncall:1.0e+04 eff:23.0% logz-ratio=259.36+/-0.09 dlogz:32.741>0.1]

2295it [14:56, 1.28it/s, bound:0 nc: 22 ncall:1.0e+04 eff:23.0% logz-ratio=259.39+/-0.09 dlogz:32.712>0.1]

2296it [14:57, 1.23it/s, bound:0 nc: 16 ncall:1.0e+04 eff:23.0% logz-ratio=259.41+/-0.09 dlogz:32.684>0.1]

2297it [14:57, 1.61it/s, bound:0 nc: 3 ncall:1.0e+04 eff:23.0% logz-ratio=259.44+/-0.09 dlogz:32.656>0.1]

2299it [14:57, 1.99it/s, bound:0 nc: 7 ncall:1.0e+04 eff:23.0% logz-ratio=259.49+/-0.09 dlogz:32.601>0.1]

2300it [14:58, 2.29it/s, bound:0 nc: 5 ncall:1.0e+04 eff:23.0% logz-ratio=259.52+/-0.09 dlogz:32.574>0.1]

2301it [14:58, 2.84it/s, bound:0 nc: 2 ncall:1.0e+04 eff:23.0% logz-ratio=259.55+/-0.09 dlogz:32.546>0.1]

2302it [14:59, 1.63it/s, bound:0 nc: 20 ncall:1.0e+04 eff:22.9% logz-ratio=259.57+/-0.09 dlogz:32.517>0.1]

2303it [15:00, 1.25it/s, bound:0 nc: 21 ncall:1.0e+04 eff:22.9% logz-ratio=259.60+/-0.09 dlogz:32.489>0.1]

2304it [15:01, 1.49it/s, bound:0 nc: 3 ncall:1.0e+04 eff:22.9% logz-ratio=259.63+/-0.09 dlogz:32.462>0.1]

2305it [15:01, 1.42it/s, bound:0 nc: 13 ncall:1.0e+04 eff:22.9% logz-ratio=259.65+/-0.09 dlogz:32.434>0.1]

2306it [15:02, 1.72it/s, bound:0 nc: 5 ncall:1.0e+04 eff:22.9% logz-ratio=259.68+/-0.09 dlogz:32.407>0.1]

2307it [15:02, 1.68it/s, bound:0 nc: 10 ncall:1.0e+04 eff:22.9% logz-ratio=259.71+/-0.09 dlogz:32.380>0.1]

2309it [15:03, 1.78it/s, bound:0 nc: 15 ncall:1.0e+04 eff:22.9% logz-ratio=259.76+/-0.09 dlogz:32.324>0.1]

```
2310it [15:04,  1.57it/s, bound:0 nc: 13 ncall:1.0e+04 eff:22.8% logz-
ratio=259.79+/-0.09 dlogz:32.295>0.1]

2311it [15:04,  1.99it/s, bound:0 nc:  3 ncall:1.0e+04 eff:22.8% logz-
ratio=259.82+/-0.09 dlogz:32.266>0.1]

2312it [15:04,  2.53it/s, bound:0 nc:  2 ncall:1.0e+04 eff:22.9% logz-
ratio=259.84+/-0.10 dlogz:32.238>0.1]

2313it [15:05,  2.71it/s, bound:0 nc:  5 ncall:1.0e+04 eff:22.9% logz-
ratio=259.87+/-0.10 dlogz:32.210>0.1]

2314it [15:06,  1.69it/s, bound:0 nc: 18 ncall:1.0e+04 eff:22.8% logz-
ratio=259.90+/-0.10 dlogz:32.182>0.1]

2315it [15:07,  1.15it/s, bound:0 nc: 23 ncall:1.0e+04 eff:22.8% logz-
ratio=259.92+/-0.10 dlogz:32.155>0.1]

2317it [15:08,  1.52it/s, bound:0 nc:  4 ncall:1.0e+04 eff:22.8% logz-
ratio=259.97+/-0.10 dlogz:32.101>0.1]

2318it [15:08,  1.83it/s, bound:0 nc:  4 ncall:1.0e+04 eff:22.8% logz-
ratio=260.00+/-0.10 dlogz:32.075>0.1]

2319it [15:09,  1.31it/s, bound:0 nc: 20 ncall:1.0e+04 eff:22.8% logz-
ratio=260.02+/-0.10 dlogz:32.050>0.1]

2320it [15:10,  1.22it/s, bound:0 nc: 16 ncall:1.0e+04 eff:22.7% logz-
ratio=260.05+/-0.10 dlogz:32.024>0.1]

2321it [15:10,  1.64it/s, bound:0 nc:  2 ncall:1.0e+04 eff:22.7% logz-
ratio=260.07+/-0.10 dlogz:31.997>0.1]

2322it [15:11,  2.01it/s, bound:0 nc:  4 ncall:1.0e+04 eff:22.7% logz-
ratio=260.10+/-0.10 dlogz:31.970>0.1]

2323it [15:11,  2.49it/s, bound:0 nc:  3 ncall:1.0e+04 eff:22.7% logz-
ratio=260.12+/-0.10 dlogz:31.944>0.1]

2324it [15:11,  3.00it/s, bound:0 nc:  3 ncall:1.0e+04 eff:22.7% logz-
ratio=260.15+/-0.10 dlogz:31.917>0.1]

2325it [15:11,  3.50it/s, bound:0 nc:  3 ncall:1.0e+04 eff:22.7% logz-
ratio=260.17+/-0.10 dlogz:31.891>0.1]

2326it [15:11,  3.96it/s, bound:0 nc:  3 ncall:1.0e+04 eff:22.7% logz-
ratio=260.20+/-0.10 dlogz:31.865>0.1]
```

```
2327it [15:11,  4.35it/s, bound:0 nc:  3 ncall:1.0e+04 eff:22.7% logz-
ratio=260.22+/-0.10 dlogz:31.840>0.1]

2328it [15:12,  2.13it/s, bound:0 nc: 18 ncall:1.0e+04 eff:22.7% logz-
ratio=260.25+/-0.10 dlogz:31.815>0.1]

2329it [15:13,  2.62it/s, bound:0 nc:  3 ncall:1.0e+04 eff:22.7% logz-
ratio=260.27+/-0.10 dlogz:31.789>0.1]

2330it [15:15,  1.06s/it, bound:0 nc: 48 ncall:1.0e+04 eff:22.6% logz-
ratio=260.30+/-0.10 dlogz:31.762>0.1]

2331it [15:16,  1.01it/s, bound:0 nc: 15 ncall:1.0e+04 eff:22.6% logz-
ratio=260.33+/-0.10 dlogz:31.735>0.1]

2332it [15:18,  1.11s/it, bound:0 nc: 25 ncall:1.0e+04 eff:22.6% logz-
ratio=260.35+/-0.10 dlogz:31.707>0.1]

2333it [15:18,  1.01s/it, bound:0 nc: 14 ncall:1.0e+04 eff:22.5% logz-
ratio=260.38+/-0.10 dlogz:31.680>0.1]

2334it [15:18,  1.32it/s, bound:0 nc:  3 ncall:1.0e+04 eff:22.5% logz-
ratio=260.41+/-0.10 dlogz:31.653>0.1]

2335it [15:19,  1.51it/s, bound:0 nc:  7 ncall:1.0e+04 eff:22.5% logz-
ratio=260.43+/-0.10 dlogz:31.626>0.1]

2336it [15:20,  1.09it/s, bound:0 nc: 27 ncall:1.0e+04 eff:22.5% logz-
ratio=260.46+/-0.10 dlogz:31.597>0.1]

2337it [15:21,  1.29it/s, bound:0 nc:  8 ncall:1.0e+04 eff:22.5% logz-
ratio=260.49+/-0.10 dlogz:31.568>0.1]

2338it [15:21,  1.64it/s, bound:0 nc:  4 ncall:1.0e+04 eff:22.5% logz-
ratio=260.52+/-0.10 dlogz:31.540>0.1]

2339it [15:21,  1.83it/s, bound:0 nc:  7 ncall:1.0e+04 eff:22.5% logz-
ratio=260.54+/-0.10 dlogz:31.512>0.1]

2340it [15:22,  2.00it/s, bound:0 nc:  7 ncall:1.0e+04 eff:22.5% logz-
ratio=260.57+/-0.10 dlogz:31.484>0.1]

2341it [15:22,  2.39it/s, bound:0 nc:  4 ncall:1.0e+04 eff:22.5% logz-
ratio=260.59+/-0.10 dlogz:31.457>0.1]

2342it [15:23,  1.90it/s, bound:0 nc: 14 ncall:1.0e+04 eff:22.4% logz-
ratio=260.62+/-0.10 dlogz:31.431>0.1]
```

```
2343it [15:23,  2.20it/s, bound:0 nc:  5 ncall:1.0e+04 eff:22.4% logz-
ratio=260.64+/-0.10 dlogz:31.404>0.1]

2344it [15:24,  1.99it/s, bound:0 nc: 11 ncall:1.0e+04 eff:22.4% logz-
ratio=260.67+/-0.10 dlogz:31.377>0.1]

2345it [15:25,  1.31it/s, bound:0 nc: 25 ncall:1.0e+04 eff:22.4% logz-
ratio=260.70+/-0.10 dlogz:31.350>0.1]

2346it [15:26,  1.30it/s, bound:0 nc: 14 ncall:1.0e+04 eff:22.4% logz-
ratio=260.72+/-0.10 dlogz:31.323>0.1]

2348it [15:26,  1.71it/s, bound:0 nc:  4 ncall:1.0e+04 eff:22.4% logz-
ratio=260.78+/-0.10 dlogz:31.266>0.1]

2350it [15:27,  1.75it/s, bound:0 nc: 19 ncall:1.1e+04 eff:22.4% logz-
ratio=260.83+/-0.10 dlogz:31.209>0.1]

2351it [15:28,  1.47it/s, bound:0 nc: 17 ncall:1.1e+04 eff:22.3% logz-
ratio=260.86+/-0.10 dlogz:31.182>0.1]

2352it [15:29,  1.73it/s, bound:0 nc:  6 ncall:1.1e+04 eff:22.3% logz-
ratio=260.89+/-0.10 dlogz:31.154>0.1]

2353it [15:29,  2.18it/s, bound:0 nc:  3 ncall:1.1e+04 eff:22.3% logz-
ratio=260.91+/-0.10 dlogz:31.126>0.1]

2354it [15:29,  2.12it/s, bound:0 nc:  9 ncall:1.1e+04 eff:22.3% logz-
ratio=260.94+/-0.10 dlogz:31.098>0.1]

2355it [15:30,  1.95it/s, bound:0 nc: 11 ncall:1.1e+04 eff:22.3% logz-
ratio=260.97+/-0.10 dlogz:31.071>0.1]

2356it [15:30,  1.90it/s, bound:0 nc: 10 ncall:1.1e+04 eff:22.3% logz-
ratio=260.99+/-0.10 dlogz:31.044>0.1]

2357it [15:32,  1.23it/s, bound:0 nc: 27 ncall:1.1e+04 eff:22.2% logz-
ratio=261.02+/-0.10 dlogz:31.016>0.1]

2358it [15:32,  1.45it/s, bound:0 nc:  7 ncall:1.1e+04 eff:22.2% logz-
ratio=261.05+/-0.10 dlogz:30.989>0.1]

2359it [15:33,  1.67it/s, bound:0 nc:  7 ncall:1.1e+04 eff:22.2% logz-
ratio=261.07+/-0.10 dlogz:30.962>0.1]

2360it [15:33,  2.17it/s, bound:0 nc:  2 ncall:1.1e+04 eff:22.2% logz-
ratio=261.10+/-0.10 dlogz:30.935>0.1]
```

```
2361it [15:33,  2.35it/s, bound:0 nc:  6 ncall:1.1e+04 eff:22.2% logz-
ratio=261.12+/-0.10 dlogz:30.908>0.1]

2362it [15:34,  2.23it/s, bound:0 nc:  9 ncall:1.1e+04 eff:22.2% logz-
ratio=261.15+/-0.10 dlogz:30.881>0.1]

2363it [15:34,  1.82it/s, bound:0 nc: 14 ncall:1.1e+04 eff:22.2% logz-
ratio=261.18+/-0.10 dlogz:30.853>0.1]

2364it [15:35,  1.82it/s, bound:0 nc: 10 ncall:1.1e+04 eff:22.2% logz-
ratio=261.20+/-0.10 dlogz:30.825>0.1]

2365it [15:38,  1.14s/it, bound:0 nc: 46 ncall:1.1e+04 eff:22.1% logz-
ratio=261.23+/-0.10 dlogz:30.797>0.1]

2366it [15:38,  1.10it/s, bound:0 nc:  7 ncall:1.1e+04 eff:22.1% logz-
ratio=261.26+/-0.10 dlogz:30.768>0.1]

2367it [15:38,  1.48it/s, bound:0 nc:  2 ncall:1.1e+04 eff:22.1% logz-
ratio=261.29+/-0.10 dlogz:30.740>0.1]

2368it [15:38,  1.74it/s, bound:0 nc:  6 ncall:1.1e+04 eff:22.1% logz-
ratio=261.31+/-0.10 dlogz:30.712>0.1]

2369it [15:39,  1.62it/s, bound:0 nc: 13 ncall:1.1e+04 eff:22.1% logz-
ratio=261.34+/-0.10 dlogz:30.684>0.1]

2370it [15:40,  1.72it/s, bound:0 nc:  9 ncall:1.1e+04 eff:22.1% logz-
ratio=261.37+/-0.10 dlogz:30.655>0.1]

2371it [15:40,  1.85it/s, bound:0 nc:  8 ncall:1.1e+04 eff:22.1% logz-
ratio=261.40+/-0.10 dlogz:30.624>0.1]

2373it [15:40,  2.52it/s, bound:0 nc:  1 ncall:1.1e+04 eff:22.1% logz-
ratio=261.46+/-0.10 dlogz:30.562>0.1]

2374it [15:40,  2.88it/s, bound:0 nc:  4 ncall:1.1e+04 eff:22.1% logz-
ratio=261.49+/-0.10 dlogz:30.529>0.1]

2375it [15:42,  1.40it/s, bound:0 nc: 29 ncall:1.1e+04 eff:22.0% logz-
ratio=261.52+/-0.10 dlogz:30.497>0.1]

2376it [15:42,  1.86it/s, bound:0 nc:  2 ncall:1.1e+04 eff:22.0% logz-
ratio=261.55+/-0.10 dlogz:30.466>0.1]

2377it [15:42,  2.16it/s, bound:0 nc:  5 ncall:1.1e+04 eff:22.0% logz-
ratio=261.58+/-0.10 dlogz:30.435>0.1]
```

```
2378it [15:43,  2.54it/s, bound:0 nc:  4 ncall:1.1e+04 eff:22.0% logz-
ratio=261.61+/-0.10 dlogz:30.405>0.1]

2379it [15:43,  3.21it/s, bound:0 nc:  2 ncall:1.1e+04 eff:22.0% logz-
ratio=261.64+/-0.10 dlogz:30.374>0.1]

2380it [15:43,  2.97it/s, bound:0 nc:  7 ncall:1.1e+04 eff:22.0% logz-
ratio=261.67+/-0.10 dlogz:30.344>0.1]

2381it [15:43,  3.11it/s, bound:0 nc:  5 ncall:1.1e+04 eff:22.0% logz-
ratio=261.70+/-0.10 dlogz:30.314>0.1]

2382it [15:45,  1.62it/s, bound:0 nc: 24 ncall:1.1e+04 eff:22.0% logz-
ratio=261.73+/-0.10 dlogz:30.284>0.1]

2383it [15:45,  1.82it/s, bound:0 nc:  7 ncall:1.1e+04 eff:22.0% logz-
ratio=261.76+/-0.10 dlogz:30.255>0.1]

2384it [15:45,  2.05it/s, bound:0 nc:  6 ncall:1.1e+04 eff:22.0% logz-
ratio=261.79+/-0.10 dlogz:30.225>0.1]

2385it [15:46,  1.61it/s, bound:0 nc: 17 ncall:1.1e+04 eff:22.0% logz-
ratio=261.82+/-0.10 dlogz:30.195>0.1]

2386it [15:47,  2.00it/s, bound:0 nc:  7 ncall:1.1e+04 eff:22.0% logz-
ratio=261.84+/-0.10 dlogz:30.165>0.1]

2387it [15:47,  2.39it/s, bound:0 nc: 10 ncall:1.1e+04 eff:22.0% logz-
ratio=261.87+/-0.10 dlogz:30.136>0.1]

2388it [15:47,  2.16it/s, bound:0 nc: 23 ncall:1.1e+04 eff:21.9% logz-
ratio=261.90+/-0.10 dlogz:30.107>0.1]

2389it [15:48,  2.54it/s, bound:0 nc:  9 ncall:1.1e+04 eff:21.9% logz-
ratio=261.93+/-0.10 dlogz:30.078>0.1]

2390it [15:48,  2.76it/s, bound:0 nc: 11 ncall:1.1e+04 eff:21.9% logz-
ratio=261.96+/-0.10 dlogz:30.048>0.1]

2393it [15:48,  3.72it/s, bound:0 nc:  4 ncall:1.1e+04 eff:21.9% logz-
ratio=262.04+/-0.10 dlogz:29.957>0.1]

2394it [15:48,  4.07it/s, bound:0 nc:  7 ncall:1.1e+04 eff:21.9% logz-
ratio=262.07+/-0.10 dlogz:29.928>0.1]

2395it [15:49,  3.94it/s, bound:0 nc:  7 ncall:1.1e+04 eff:21.9% logz-
ratio=262.10+/-0.10 dlogz:29.898>0.1]
```

2396it [15:49, 3.21it/s, bound:0 nc: 8 ncall:1.1e+04 eff:21.9% logz-
ratio=262.13+/-0.10 dlogz:29.868>0.1]

2397it [15:50, 2.60it/s, bound:0 nc: 10 ncall:1.1e+04 eff:21.9% logz-
ratio=262.16+/-0.10 dlogz:29.839>0.1]

2398it [15:50, 2.96it/s, bound:0 nc: 4 ncall:1.1e+04 eff:21.9% logz-
ratio=262.19+/-0.10 dlogz:29.810>0.1]

2399it [15:50, 2.71it/s, bound:0 nc: 8 ncall:1.1e+04 eff:21.9% logz-
ratio=262.22+/-0.10 dlogz:29.780>0.1]

2400it [15:50, 3.20it/s, bound:0 nc: 3 ncall:1.1e+04 eff:21.9% logz-
ratio=262.24+/-0.10 dlogz:29.750>0.1]

2401it [15:52, 1.34it/s, bound:0 nc: 32 ncall:1.1e+04 eff:21.8% logz-
ratio=262.27+/-0.10 dlogz:29.721>0.1]

2402it [15:53, 1.27it/s, bound:0 nc: 16 ncall:1.1e+04 eff:21.8% logz-
ratio=262.30+/-0.10 dlogz:29.692>0.1]

2403it [15:54, 1.40it/s, bound:0 nc: 10 ncall:1.1e+04 eff:21.8% logz-
ratio=262.33+/-0.10 dlogz:29.663>0.1]

2404it [15:55, 1.23it/s, bound:0 nc: 19 ncall:1.1e+04 eff:21.8% logz-
ratio=262.36+/-0.10 dlogz:29.634>0.1]

2405it [15:56, 1.18it/s, bound:0 nc: 17 ncall:1.1e+04 eff:21.7% logz-
ratio=262.39+/-0.10 dlogz:29.605>0.1]

2406it [15:57, 1.04s/it, bound:0 nc: 24 ncall:1.1e+04 eff:21.7% logz-
ratio=262.41+/-0.10 dlogz:29.575>0.1]

2407it [15:59, 1.37s/it, bound:0 nc: 44 ncall:1.1e+04 eff:21.6% logz-
ratio=262.44+/-0.10 dlogz:29.544>0.1]

2408it [16:00, 1.06s/it, bound:0 nc: 14 ncall:1.1e+04 eff:21.6% logz-
ratio=262.47+/-0.10 dlogz:29.514>0.1]

2409it [16:00, 1.27it/s, bound:0 nc: 6 ncall:1.1e+04 eff:21.6% logz-
ratio=262.51+/-0.10 dlogz:29.483>0.1]

2410it [16:00, 1.68it/s, bound:0 nc: 5 ncall:1.1e+04 eff:21.6% logz-
ratio=262.54+/-0.10 dlogz:29.450>0.1]

2411it [16:00, 2.24it/s, bound:0 nc: 4 ncall:1.1e+04 eff:21.6% logz-
ratio=262.57+/-0.10 dlogz:29.418>0.1]

```
2412it [16:00,  2.23it/s, bound:0 nc: 19 ncall:1.1e+04 eff:21.6% logz-
ratio=262.60+/-0.10 dlogz:29.386>0.1]

2413it [16:01,  1.97it/s, bound:0 nc: 23 ncall:1.1e+04 eff:21.5% logz-
ratio=262.63+/-0.10 dlogz:29.355>0.1]

2414it [16:02,  1.80it/s, bound:0 nc: 12 ncall:1.1e+04 eff:21.5% logz-
ratio=262.66+/-0.10 dlogz:29.324>0.1]

2415it [16:03,  1.10it/s, bound:0 nc: 31 ncall:1.1e+04 eff:21.5% logz-
ratio=262.69+/-0.10 dlogz:29.294>0.1]

2416it [16:04,  1.09it/s, bound:0 nc: 17 ncall:1.1e+04 eff:21.5% logz-
ratio=262.72+/-0.10 dlogz:29.262>0.1]

2417it [16:05,  1.27it/s, bound:0 nc:  9 ncall:1.1e+04 eff:21.4% logz-
ratio=262.75+/-0.10 dlogz:29.231>0.1]

2418it [16:05,  1.61it/s, bound:0 nc:  4 ncall:1.1e+04 eff:21.4% logz-
ratio=262.78+/-0.10 dlogz:29.199>0.1]

2419it [16:05,  1.92it/s, bound:0 nc:  5 ncall:1.1e+04 eff:21.4% logz-
ratio=262.81+/-0.10 dlogz:29.169>0.1]

2420it [16:06,  1.55it/s, bound:0 nc: 17 ncall:1.1e+04 eff:21.4% logz-
ratio=262.84+/-0.10 dlogz:29.139>0.1]

2421it [16:08,  1.00s/it, bound:0 nc: 34 ncall:1.1e+04 eff:21.4% logz-
ratio=262.87+/-0.10 dlogz:29.109>0.1]

2422it [16:09,  1.15it/s, bound:0 nc: 10 ncall:1.1e+04 eff:21.4% logz-
ratio=262.89+/-0.10 dlogz:29.079>0.1]

2423it [16:09,  1.49it/s, bound:0 nc:  3 ncall:1.1e+04 eff:21.4% logz-
ratio=262.92+/-0.10 dlogz:29.049>0.1]

2424it [16:09,  1.75it/s, bound:0 nc:  6 ncall:1.1e+04 eff:21.4% logz-
ratio=262.95+/-0.10 dlogz:29.020>0.1]

2425it [16:09,  2.18it/s, bound:0 nc:  4 ncall:1.1e+04 eff:21.4% logz-
ratio=262.98+/-0.10 dlogz:28.991>0.1]

2426it [16:10,  2.64it/s, bound:0 nc:  9 ncall:1.1e+04 eff:21.3% logz-
ratio=263.00+/-0.10 dlogz:28.963>0.1]

2427it [16:10,  2.55it/s, bound:0 nc: 18 ncall:1.1e+04 eff:21.3% logz-
ratio=263.03+/-0.10 dlogz:28.936>0.1]
```

2428it [16:10, 2.86it/s, bound:0 nc: 10 ncall:1.1e+04 eff:21.3% logz-ratio=263.06+/-0.10 dlogz:28.908>0.1]

2429it [16:12, 1.36it/s, bound:0 nc: 52 ncall:1.1e+04 eff:21.2% logz-ratio=263.08+/-0.10 dlogz:28.881>0.1]

2430it [16:13, 1.03it/s, bound:0 nc: 28 ncall:1.1e+04 eff:21.2% logz-ratio=263.11+/-0.10 dlogz:28.852>0.1]

2431it [16:14, 1.08it/s, bound:0 nc: 15 ncall:1.1e+04 eff:21.2% logz-ratio=263.14+/-0.10 dlogz:28.824>0.1]

2432it [16:15, 1.30it/s, bound:0 nc: 7 ncall:1.1e+04 eff:21.2% logz-ratio=263.17+/-0.10 dlogz:28.795>0.1]

2433it [16:18, 1.46s/it, bound:0 nc: 59 ncall:1.2e+04 eff:21.1% logz-ratio=263.19+/-0.10 dlogz:28.767>0.1]

2434it [16:18, 1.16s/it, bound:0 nc: 21 ncall:1.2e+04 eff:21.0% logz-ratio=263.22+/-0.10 dlogz:28.738>0.1]

2436it [16:18, 1.18it/s, bound:0 nc: 8 ncall:1.2e+04 eff:21.0% logz-ratio=263.28+/-0.10 dlogz:28.679>0.1]

2437it [16:19, 1.43it/s, bound:0 nc: 14 ncall:1.2e+04 eff:21.0% logz-ratio=263.31+/-0.10 dlogz:28.650>0.1]

2438it [16:21, 1.20s/it, bound:0 nc: 60 ncall:1.2e+04 eff:20.9% logz-ratio=263.33+/-0.10 dlogz:28.623>0.1]

2439it [16:22, 1.06it/s, bound:0 nc: 6 ncall:1.2e+04 eff:20.9% logz-ratio=263.36+/-0.10 dlogz:28.595>0.1]

2440it [16:22, 1.10it/s, bound:0 nc: 15 ncall:1.2e+04 eff:20.9% logz-ratio=263.38+/-0.10 dlogz:28.568>0.1]

2441it [16:23, 1.13it/s, bound:0 nc: 15 ncall:1.2e+04 eff:20.9% logz-ratio=263.41+/-0.10 dlogz:28.542>0.1]

2443it [16:24, 1.48it/s, bound:0 nc: 5 ncall:1.2e+04 eff:20.9% logz-ratio=263.46+/-0.10 dlogz:28.490>0.1]

2444it [16:24, 1.75it/s, bound:0 nc: 6 ncall:1.2e+04 eff:20.9% logz-ratio=263.48+/-0.10 dlogz:28.464>0.1]

2445it [16:24, 1.96it/s, bound:0 nc: 6 ncall:1.2e+04 eff:20.9% logz-ratio=263.51+/-0.10 dlogz:28.437>0.1]

```
2446it [16:25,  2.10it/s, bound:0 nc:  7 ncall:1.2e+04 eff:20.9% logz-
ratio=263.53+/-0.10 dlogz:28.411>0.1]

2447it [16:25,  2.00it/s, bound:0 nc: 10 ncall:1.2e+04 eff:20.9% logz-
ratio=263.56+/-0.10 dlogz:28.385>0.1]

2448it [16:26,  1.69it/s, bound:0 nc: 16 ncall:1.2e+04 eff:20.8% logz-
ratio=263.59+/-0.10 dlogz:28.358>0.1]

2451it [16:26,  2.22it/s, bound:0 nc: 13 ncall:1.2e+04 eff:20.8% logz-
ratio=263.66+/-0.10 dlogz:28.278>0.1]

2452it [16:27,  2.62it/s, bound:0 nc: 10 ncall:1.2e+04 eff:20.8% logz-
ratio=263.69+/-0.10 dlogz:28.252>0.1]

2453it [16:27,  2.62it/s, bound:0 nc: 15 ncall:1.2e+04 eff:20.8% logz-
ratio=263.71+/-0.10 dlogz:28.225>0.1]

2454it [16:27,  3.16it/s, bound:0 nc:  6 ncall:1.2e+04 eff:20.8% logz-
ratio=263.74+/-0.10 dlogz:28.198>0.1]

2455it [16:28,  2.76it/s, bound:0 nc: 19 ncall:1.2e+04 eff:20.8% logz-
ratio=263.77+/-0.10 dlogz:28.171>0.1]

2456it [16:28,  2.81it/s, bound:0 nc: 11 ncall:1.2e+04 eff:20.8% logz-
ratio=263.79+/-0.10 dlogz:28.144>0.1]

2457it [16:29,  1.55it/s, bound:0 nc: 24 ncall:1.2e+04 eff:20.7% logz-
ratio=263.82+/-0.10 dlogz:28.117>0.1]

2459it [16:29,  2.13it/s, bound:0 nc:  1 ncall:1.2e+04 eff:20.8% logz-
ratio=263.87+/-0.10 dlogz:28.064>0.1]

2460it [16:30,  1.96it/s, bound:0 nc: 11 ncall:1.2e+04 eff:20.7% logz-
ratio=263.89+/-0.10 dlogz:28.038>0.1]

2461it [16:31,  1.90it/s, bound:0 nc: 10 ncall:1.2e+04 eff:20.7% logz-
ratio=263.92+/-0.10 dlogz:28.011>0.1]

2462it [16:31,  2.48it/s, bound:0 nc:  2 ncall:1.2e+04 eff:20.7% logz-
ratio=263.94+/-0.10 dlogz:27.985>0.1]

2463it [16:32,  1.73it/s, bound:0 nc: 18 ncall:1.2e+04 eff:20.7% logz-
ratio=263.97+/-0.10 dlogz:27.959>0.1]

2464it [16:34,  1.06s/it, bound:0 nc: 40 ncall:1.2e+04 eff:20.7% logz-
ratio=263.99+/-0.10 dlogz:27.934>0.1]
```

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2466it [16:34,  1.20it/s, bound:0 nc: 18 ncall:1.2e+04 eff:20.6% logz-
ratio=264.04+/-0.10 dlogz:27.883>0.1]

2467it [16:35,  1.52it/s, bound:0 nc: 11 ncall:1.2e+04 eff:20.6% logz-
ratio=264.07+/-0.10 dlogz:27.858>0.1]

2468it [16:35,  1.45it/s, bound:0 nc: 31 ncall:1.2e+04 eff:20.6% logz-
ratio=264.09+/-0.10 dlogz:27.832>0.1]

2470it [16:36,  1.96it/s, bound:0 nc:  5 ncall:1.2e+04 eff:20.6% logz-
ratio=264.14+/-0.10 dlogz:27.782>0.1]

2471it [16:37,  1.40it/s, bound:0 nc: 31 ncall:1.2e+04 eff:20.5% logz-
ratio=264.16+/-0.10 dlogz:27.757>0.1]

2472it [16:37,  1.71it/s, bound:0 nc:  5 ncall:1.2e+04 eff:20.5% logz-
ratio=264.19+/-0.10 dlogz:27.732>0.1]

2473it [16:38,  1.52it/s, bound:0 nc: 15 ncall:1.2e+04 eff:20.5% logz-
ratio=264.21+/-0.10 dlogz:27.706>0.1]

2474it [16:39,  1.48it/s, bound:0 nc: 13 ncall:1.2e+04 eff:20.5% logz-
ratio=264.23+/-0.10 dlogz:27.681>0.1]

2475it [16:39,  1.90it/s, bound:0 nc:  3 ncall:1.2e+04 eff:20.5% logz-
ratio=264.26+/-0.10 dlogz:27.657>0.1]

2476it [16:39,  2.00it/s, bound:0 nc:  8 ncall:1.2e+04 eff:20.5% logz-
ratio=264.28+/-0.10 dlogz:27.632>0.1]

2477it [16:40,  2.34it/s, bound:0 nc:  1 ncall:1.2e+04 eff:20.5% logz-
ratio=264.30+/-0.10 dlogz:27.608>0.1]

2479it [16:40,  3.07it/s, bound:0 nc:  2 ncall:1.2e+04 eff:20.5% logz-
ratio=264.35+/-0.10 dlogz:27.560>0.1]

2480it [16:40,  3.19it/s, bound:0 nc:  5 ncall:1.2e+04 eff:20.5% logz-
ratio=264.37+/-0.10 dlogz:27.537>0.1]

2481it [16:41,  1.99it/s, bound:0 nc: 17 ncall:1.2e+04 eff:20.5% logz-
ratio=264.39+/-0.10 dlogz:27.514>0.1]

2482it [16:42,  1.72it/s, bound:0 nc: 14 ncall:1.2e+04 eff:20.5% logz-
ratio=264.42+/-0.10 dlogz:27.491>0.1]

2483it [16:42,  2.25it/s, bound:0 nc:  2 ncall:1.2e+04 eff:20.5% logz-
ratio=264.44+/-0.10 dlogz:27.467>0.1]
```

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2484it [16:42,  2.74it/s, bound:0 nc:  3 ncall:1.2e+04 eff:20.5% logz-
ratio=264.46+/-0.10 dlogz:27.443>0.1]

2485it [16:42,  3.25it/s, bound:0 nc:  3 ncall:1.2e+04 eff:20.5% logz-
ratio=264.48+/-0.10 dlogz:27.420>0.1]

2486it [16:42,  3.32it/s, bound:0 nc:  5 ncall:1.2e+04 eff:20.5% logz-
ratio=264.50+/-0.10 dlogz:27.397>0.1]

2487it [16:43,  3.79it/s, bound:0 nc:  3 ncall:1.2e+04 eff:20.5% logz-
ratio=264.53+/-0.10 dlogz:27.374>0.1]

2488it [16:43,  2.51it/s, bound:0 nc: 13 ncall:1.2e+04 eff:20.5% logz-
ratio=264.55+/-0.10 dlogz:27.352>0.1]

2489it [16:44,  2.16it/s, bound:0 nc:  9 ncall:1.2e+04 eff:20.5% logz-
ratio=264.57+/-0.10 dlogz:27.329>0.1]

2490it [16:45,  1.96it/s, bound:0 nc: 11 ncall:1.2e+04 eff:20.5% logz-
ratio=264.59+/-0.10 dlogz:27.307>0.1]

2491it [16:45,  2.54it/s, bound:0 nc:  2 ncall:1.2e+04 eff:20.5% logz-
ratio=264.61+/-0.10 dlogz:27.285>0.1]

2492it [16:45,  2.90it/s, bound:0 nc:  4 ncall:1.2e+04 eff:20.5% logz-
ratio=264.63+/-0.10 dlogz:27.264>0.1]

2493it [16:47,  1.23it/s, bound:0 nc: 35 ncall:1.2e+04 eff:20.4% logz-
ratio=264.65+/-0.10 dlogz:27.242>0.1]

2494it [16:47,  1.53it/s, bound:0 nc:  5 ncall:1.2e+04 eff:20.4% logz-
ratio=264.67+/-0.10 dlogz:27.220>0.1]

2495it [16:47,  1.78it/s, bound:0 nc:  6 ncall:1.2e+04 eff:20.4% logz-
ratio=264.69+/-0.10 dlogz:27.198>0.1]

2496it [16:49,  1.22it/s, bound:0 nc: 26 ncall:1.2e+04 eff:20.4% logz-
ratio=264.71+/-0.10 dlogz:27.177>0.1]

2497it [16:49,  1.35it/s, bound:0 nc: 10 ncall:1.2e+04 eff:20.4% logz-
ratio=264.73+/-0.10 dlogz:27.156>0.1]

2498it [16:50,  1.43it/s, bound:0 nc: 11 ncall:1.2e+04 eff:20.4% logz-
ratio=264.75+/-0.10 dlogz:27.135>0.1]

2499it [16:50,  1.69it/s, bound:0 nc:  6 ncall:1.2e+04 eff:20.4% logz-
ratio=264.77+/-0.10 dlogz:27.114>0.1]
```

```
2501it [16:51,  2.27it/s, bound:0 nc:  2 ncall:1.2e+04 eff:20.4% logz-
ratio=264.81+/-0.10 dlogz:27.073>0.1]

2502it [16:51,  1.86it/s, bound:0 nc: 14 ncall:1.2e+04 eff:20.4% logz-
ratio=264.83+/-0.10 dlogz:27.051>0.1]

2503it [16:52,  1.69it/s, bound:0 nc: 13 ncall:1.2e+04 eff:20.4% logz-
ratio=264.85+/-0.10 dlogz:27.029>0.1]

2504it [16:53,  1.55it/s, bound:0 nc: 14 ncall:1.2e+04 eff:20.3% logz-
ratio=264.87+/-0.10 dlogz:27.008>0.1]

2505it [16:54,  1.43it/s, bound:0 nc: 15 ncall:1.2e+04 eff:20.3% logz-
ratio=264.90+/-0.10 dlogz:26.986>0.1]

2506it [16:55,  1.33it/s, bound:0 nc: 16 ncall:1.2e+04 eff:20.3% logz-
ratio=264.92+/-0.10 dlogz:26.965>0.1]

2507it [16:55,  1.26it/s, bound:0 nc: 16 ncall:1.2e+04 eff:20.3% logz-
ratio=264.94+/-0.10 dlogz:26.944>0.1]

2508it [16:58,  1.24s/it, bound:0 nc: 42 ncall:1.2e+04 eff:20.2% logz-
ratio=264.96+/-0.10 dlogz:26.922>0.1]

2509it [16:58,  1.09it/s, bound:0 nc:  3 ncall:1.2e+04 eff:20.2% logz-
ratio=264.98+/-0.10 dlogz:26.899>0.1]

2510it [17:00,  1.26s/it, bound:0 nc: 38 ncall:1.2e+04 eff:20.2% logz-
ratio=265.00+/-0.10 dlogz:26.876>0.1]

2511it [17:00,  1.05s/it, bound:0 nc: 10 ncall:1.2e+04 eff:20.2% logz-
ratio=265.03+/-0.10 dlogz:26.851>0.1]

2512it [17:02,  1.13s/it, bound:0 nc: 24 ncall:1.2e+04 eff:20.1% logz-
ratio=265.05+/-0.10 dlogz:26.826>0.1]

2513it [17:03,  1.18s/it, bound:0 nc: 24 ncall:1.2e+04 eff:20.1% logz-
ratio=265.08+/-0.10 dlogz:26.801>0.1]

2514it [17:04,  1.06s/it, bound:0 nc: 14 ncall:1.3e+04 eff:20.1% logz-
ratio=265.10+/-0.10 dlogz:26.777>0.1]

2515it [17:05,  1.04s/it, bound:0 nc: 18 ncall:1.3e+04 eff:20.1% logz-
ratio=265.12+/-0.10 dlogz:26.753>0.1]

2516it [17:05,  1.14it/s, bound:0 nc:  9 ncall:1.3e+04 eff:20.1% logz-
ratio=265.14+/-0.10 dlogz:26.729>0.1]
```

```
2518it [17:06,  1.52it/s, bound:0 nc:  4 ncall:1.3e+04 eff:20.1% logz-
ratio=265.19+/-0.10 dlogz:26.682>0.1]

2519it [17:06,  1.64it/s, bound:0 nc:  9 ncall:1.3e+04 eff:20.1% logz-
ratio=265.21+/-0.10 dlogz:26.659>0.1]

2521it [17:07,  1.99it/s, bound:0 nc:  8 ncall:1.3e+04 eff:20.1% logz-
ratio=265.25+/-0.10 dlogz:26.613>0.1]

2522it [17:07,  2.29it/s, bound:0 nc:  5 ncall:1.3e+04 eff:20.1% logz-
ratio=265.27+/-0.10 dlogz:26.591>0.1]

2523it [17:08,  1.92it/s, bound:0 nc: 13 ncall:1.3e+04 eff:20.1% logz-
ratio=265.30+/-0.10 dlogz:26.568>0.1]

2524it [17:08,  2.30it/s, bound:0 nc:  4 ncall:1.3e+04 eff:20.1% logz-
ratio=265.32+/-0.10 dlogz:26.546>0.1]

2525it [17:08,  2.92it/s, bound:0 nc:  4 ncall:1.3e+04 eff:20.1% logz-
ratio=265.34+/-0.10 dlogz:26.524>0.1]

2526it [17:08,  3.70it/s, bound:0 nc:  5 ncall:1.3e+04 eff:20.1% logz-
ratio=265.36+/-0.10 dlogz:26.502>0.1]

2527it [17:08,  3.53it/s, bound:0 nc: 14 ncall:1.3e+04 eff:20.0% logz-
ratio=265.38+/-0.10 dlogz:26.480>0.1]

2528it [17:09,  4.32it/s, bound:0 nc:  4 ncall:1.3e+04 eff:20.0% logz-
ratio=265.40+/-0.10 dlogz:26.458>0.1]

2529it [17:09,  3.46it/s, bound:0 nc: 17 ncall:1.3e+04 eff:20.0% logz-
ratio=265.42+/-0.10 dlogz:26.436>0.1]

2530it [17:09,  4.28it/s, bound:0 nc:  4 ncall:1.3e+04 eff:20.0% logz-
ratio=265.44+/-0.10 dlogz:26.414>0.1]

2531it [17:09,  3.49it/s, bound:0 nc: 16 ncall:1.3e+04 eff:20.0% logz-
ratio=265.46+/-0.10 dlogz:26.392>0.1]

2533it [17:10,  3.66it/s, bound:0 nc: 15 ncall:1.3e+04 eff:20.0% logz-
ratio=265.50+/-0.10 dlogz:26.350>0.1]

2534it [17:11,  2.45it/s, bound:0 nc: 13 ncall:1.3e+04 eff:20.0% logz-
ratio=265.52+/-0.10 dlogz:26.329>0.1]

2535it [17:12,  1.46it/s, bound:0 nc: 24 ncall:1.3e+04 eff:20.0% logz-
ratio=265.54+/-0.10 dlogz:26.308>0.1]
```

```
2536it [17:12,  1.73it/s, bound:0 nc:  6 ncall:1.3e+04 eff:20.0% logz-
ratio=265.56+/-0.10 dlogz:26.287>0.1]

2537it [17:13,  1.75it/s, bound:0 nc: 10 ncall:1.3e+04 eff:20.0% logz-
ratio=265.58+/-0.10 dlogz:26.266>0.1]

2538it [17:13,  1.99it/s, bound:0 nc:  6 ncall:1.3e+04 eff:19.9% logz-
ratio=265.60+/-0.10 dlogz:26.246>0.1]

2539it [17:14,  1.87it/s, bound:0 nc: 11 ncall:1.3e+04 eff:19.9% logz-
ratio=265.62+/-0.10 dlogz:26.226>0.1]

2540it [17:14,  1.80it/s, bound:0 nc: 22 ncall:1.3e+04 eff:19.9% logz-
ratio=265.64+/-0.10 dlogz:26.206>0.1]

2541it [17:15,  2.12it/s, bound:0 nc: 11 ncall:1.3e+04 eff:19.9% logz-
ratio=265.66+/-0.10 dlogz:26.185>0.1]

2543it [17:15,  2.75it/s, bound:0 nc:  8 ncall:1.3e+04 eff:19.9% logz-
ratio=265.70+/-0.10 dlogz:26.144>0.1]

2544it [17:15,  2.96it/s, bound:0 nc: 11 ncall:1.3e+04 eff:19.9% logz-
ratio=265.72+/-0.10 dlogz:26.124>0.1]

2546it [17:16,  3.40it/s, bound:0 nc: 14 ncall:1.3e+04 eff:19.9% logz-
ratio=265.76+/-0.10 dlogz:26.082>0.1]

2547it [17:16,  3.88it/s, bound:0 nc:  7 ncall:1.3e+04 eff:19.9% logz-
ratio=265.78+/-0.10 dlogz:26.061>0.1]

2549it [17:16,  3.51it/s, bound:0 nc: 15 ncall:1.3e+04 eff:19.9% logz-
ratio=265.82+/-0.10 dlogz:26.020>0.1]

2550it [17:17,  3.00it/s, bound:0 nc:  8 ncall:1.3e+04 eff:19.9% logz-
ratio=265.84+/-0.10 dlogz:26.000>0.1]

2551it [17:19,  1.00it/s, bound:0 nc: 47 ncall:1.3e+04 eff:19.8% logz-
ratio=265.85+/-0.10 dlogz:25.980>0.1]

2552it [17:20,  1.06it/s, bound:0 nc: 15 ncall:1.3e+04 eff:19.8% logz-
ratio=265.87+/-0.10 dlogz:25.960>0.1]

2553it [17:21,  1.25it/s, bound:0 nc:  8 ncall:1.3e+04 eff:19.8% logz-
ratio=265.89+/-0.10 dlogz:25.940>0.1]

2554it [17:21,  1.38it/s, bound:0 nc: 10 ncall:1.3e+04 eff:19.8% logz-
ratio=265.91+/-0.10 dlogz:25.921>0.1]
```

```
2555it [17:21,  1.84it/s, bound:0 nc:  2 ncall:1.3e+04 eff:19.8% logz-
ratio=265.93+/-0.10 dlogz:25.902>0.1]

2556it [17:22,  2.31it/s, bound:0 nc:  3 ncall:1.3e+04 eff:19.8% logz-
ratio=265.95+/-0.10 dlogz:25.883>0.1]

2557it [17:22,  2.47it/s, bound:0 nc:  6 ncall:1.3e+04 eff:19.8% logz-
ratio=265.96+/-0.10 dlogz:25.864>0.1]

2558it [17:22,  2.71it/s, bound:0 nc:  5 ncall:1.3e+04 eff:19.8% logz-
ratio=265.98+/-0.10 dlogz:25.845>0.1]

2560it [17:22,  3.41it/s, bound:0 nc:  3 ncall:1.3e+04 eff:19.8% logz-
ratio=266.02+/-0.10 dlogz:25.808>0.1]

2561it [17:23,  2.58it/s, bound:0 nc: 11 ncall:1.3e+04 eff:19.8% logz-
ratio=266.03+/-0.10 dlogz:25.789>0.1]

2562it [17:23,  3.09it/s, bound:0 nc:  3 ncall:1.3e+04 eff:19.8% logz-
ratio=266.05+/-0.10 dlogz:25.771>0.1]

2563it [17:24,  2.18it/s, bound:0 nc: 14 ncall:1.3e+04 eff:19.8% logz-
ratio=266.07+/-0.10 dlogz:25.752>0.1]

2564it [17:24,  2.80it/s, bound:0 nc:  2 ncall:1.3e+04 eff:19.8% logz-
ratio=266.09+/-0.10 dlogz:25.733>0.1]

2565it [17:25,  2.73it/s, bound:0 nc:  9 ncall:1.3e+04 eff:19.8% logz-
ratio=266.10+/-0.10 dlogz:25.715>0.1]

2566it [17:25,  3.21it/s, bound:0 nc:  9 ncall:1.3e+04 eff:19.8% logz-
ratio=266.12+/-0.10 dlogz:25.697>0.1]

2568it [17:27,  1.81it/s, bound:0 nc: 77 ncall:1.3e+04 eff:19.7% logz-
ratio=266.16+/-0.10 dlogz:25.660>0.1]

2569it [17:27,  1.98it/s, bound:0 nc:  7 ncall:1.3e+04 eff:19.7% logz-
ratio=266.17+/-0.10 dlogz:25.641>0.1]

2570it [17:28,  1.81it/s, bound:0 nc: 12 ncall:1.3e+04 eff:19.6% logz-
ratio=266.19+/-0.10 dlogz:25.623>0.1]

2571it [17:29,  1.22it/s, bound:0 nc: 23 ncall:1.3e+04 eff:19.6% logz-
ratio=266.21+/-0.10 dlogz:25.604>0.1]

2572it [17:31,  1.02s/it, bound:0 nc: 27 ncall:1.3e+04 eff:19.6% logz-
ratio=266.23+/-0.10 dlogz:25.586>0.1]
```

```
2573it [17:31,  1.23it/s, bound:0 nc:  6 ncall:1.3e+04 eff:19.6% logz-
ratio=266.24+/-0.10 dlogz:25.567>0.1]

2574it [17:32,  1.21it/s, bound:0 nc: 15 ncall:1.3e+04 eff:19.6% logz-
ratio=266.26+/-0.10 dlogz:25.548>0.1]

2575it [17:33,  1.12it/s, bound:0 nc: 19 ncall:1.3e+04 eff:19.6% logz-
ratio=266.28+/-0.10 dlogz:25.528>0.1]

2576it [17:33,  1.52it/s, bound:0 nc:  2 ncall:1.3e+04 eff:19.6% logz-
ratio=266.30+/-0.10 dlogz:25.509>0.1]

2577it [17:34,  1.89it/s, bound:0 nc:  4 ncall:1.3e+04 eff:19.6% logz-
ratio=266.32+/-0.10 dlogz:25.489>0.1]

2578it [17:34,  1.92it/s, bound:0 nc:  9 ncall:1.3e+04 eff:19.6% logz-
ratio=266.34+/-0.10 dlogz:25.468>0.1]

2579it [17:34,  2.06it/s, bound:0 nc:  7 ncall:1.3e+04 eff:19.6% logz-
ratio=266.36+/-0.10 dlogz:25.448>0.1]

2580it [17:35,  1.83it/s, bound:0 nc: 20 ncall:1.3e+04 eff:19.5% logz-
ratio=266.38+/-0.10 dlogz:25.428>0.1]

2581it [17:36,  1.80it/s, bound:0 nc: 25 ncall:1.3e+04 eff:19.5% logz-
ratio=266.40+/-0.10 dlogz:25.408>0.1]

2582it [17:36,  1.93it/s, bound:0 nc: 17 ncall:1.3e+04 eff:19.5% logz-
ratio=266.41+/-0.10 dlogz:25.388>0.1]

2583it [17:37,  1.93it/s, bound:0 nc: 21 ncall:1.3e+04 eff:19.5% logz-
ratio=266.43+/-0.10 dlogz:25.369>0.1]

2584it [17:38,  1.27it/s, bound:0 nc: 28 ncall:1.3e+04 eff:19.4% logz-
ratio=266.45+/-0.10 dlogz:25.349>0.1]

2585it [17:39,  1.27it/s, bound:0 nc: 14 ncall:1.3e+04 eff:19.4% logz-
ratio=266.47+/-0.10 dlogz:25.329>0.1]

2586it [17:40,  1.10it/s, bound:0 nc: 22 ncall:1.3e+04 eff:19.4% logz-
ratio=266.49+/-0.10 dlogz:25.309>0.1]

2587it [17:41,  1.01s/it, bound:0 nc: 32 ncall:1.3e+04 eff:19.3% logz-
ratio=266.51+/-0.10 dlogz:25.289>0.1]

2588it [17:42,  1.25it/s, bound:0 nc: 14 ncall:1.3e+04 eff:19.3% logz-
ratio=266.53+/-0.10 dlogz:25.269>0.1]
```

```
2589it [17:42,  1.58it/s, bound:0 nc: 10 ncall:1.3e+04 eff:19.3% logz-
ratio=266.55+/-0.10 dlogz:25.249>0.1]

2591it [17:42,  2.08it/s, bound:0 nc:  9 ncall:1.3e+04 eff:19.3% logz-
ratio=266.58+/-0.10 dlogz:25.210>0.1]

2592it [17:42,  2.56it/s, bound:0 nc:  7 ncall:1.3e+04 eff:19.3% logz-
ratio=266.60+/-0.10 dlogz:25.191>0.1]

2594it [17:42,  3.45it/s, bound:0 nc:  3 ncall:1.3e+04 eff:19.3% logz-
ratio=266.64+/-0.10 dlogz:25.152>0.1]

2595it [17:43,  3.47it/s, bound:0 nc: 11 ncall:1.3e+04 eff:19.3% logz-
ratio=266.66+/-0.10 dlogz:25.133>0.1]

2597it [17:45,  1.68it/s, bound:0 nc: 50 ncall:1.3e+04 eff:19.3% logz-
ratio=266.69+/-0.10 dlogz:25.095>0.1]

2598it [17:46,  1.44it/s, bound:0 nc: 17 ncall:1.3e+04 eff:19.3% logz-
ratio=266.71+/-0.10 dlogz:25.076>0.1]

2599it [17:47,  1.25it/s, bound:0 nc: 19 ncall:1.4e+04 eff:19.2% logz-
ratio=266.73+/-0.10 dlogz:25.056>0.1]

2600it [17:48,  1.35it/s, bound:0 nc: 11 ncall:1.4e+04 eff:19.2% logz-
ratio=266.75+/-0.10 dlogz:25.036>0.1]

2601it [17:48,  1.46it/s, bound:0 nc: 10 ncall:1.4e+04 eff:19.2% logz-
ratio=266.77+/-0.10 dlogz:25.017>0.1]

2602it [17:49,  1.75it/s, bound:0 nc:  5 ncall:1.4e+04 eff:19.2% logz-
ratio=266.79+/-0.10 dlogz:24.997>0.1]

2603it [17:49,  1.58it/s, bound:0 nc: 14 ncall:1.4e+04 eff:19.2% logz-
ratio=266.81+/-0.10 dlogz:24.976>0.1]

2604it [17:50,  1.53it/s, bound:0 nc: 13 ncall:1.4e+04 eff:19.2% logz-
ratio=266.83+/-0.10 dlogz:24.956>0.1]

2605it [17:51,  1.78it/s, bound:0 nc:  6 ncall:1.4e+04 eff:19.2% logz-
ratio=266.85+/-0.10 dlogz:24.936>0.1]

2606it [17:51,  1.74it/s, bound:0 nc: 11 ncall:1.4e+04 eff:19.2% logz-
ratio=266.86+/-0.10 dlogz:24.915>0.1]

2607it [17:52,  1.80it/s, bound:0 nc:  9 ncall:1.4e+04 eff:19.2% logz-
ratio=266.88+/-0.10 dlogz:24.894>0.1]
```

```
2608it [17:53,  1.08it/s, bound:0 nc: 33 ncall:1.4e+04 eff:19.1% logz-
ratio=266.90+/-0.10 dlogz:24.874>0.1]

2610it [17:54,  1.45it/s, bound:0 nc:  9 ncall:1.4e+04 eff:19.1% logz-
ratio=266.94+/-0.10 dlogz:24.833>0.1]

2611it [17:54,  1.60it/s, bound:0 nc: 20 ncall:1.4e+04 eff:19.1% logz-
ratio=266.96+/-0.10 dlogz:24.812>0.1]

2613it [17:55,  1.85it/s, bound:0 nc: 21 ncall:1.4e+04 eff:19.1% logz-
ratio=267.00+/-0.10 dlogz:24.771>0.1]

2614it [17:55,  2.01it/s, bound:0 nc: 12 ncall:1.4e+04 eff:19.1% logz-
ratio=267.02+/-0.10 dlogz:24.750>0.1]

2615it [17:56,  2.06it/s, bound:0 nc:  9 ncall:1.4e+04 eff:19.1% logz-
ratio=267.04+/-0.10 dlogz:24.729>0.1]

2616it [17:56,  2.11it/s, bound:0 nc:  8 ncall:1.4e+04 eff:19.1% logz-
ratio=267.06+/-0.10 dlogz:24.707>0.1]

2617it [17:57,  2.06it/s, bound:0 nc:  7 ncall:1.4e+04 eff:19.1% logz-
ratio=267.08+/-0.10 dlogz:24.686>0.1]

2618it [17:57,  2.28it/s, bound:0 nc:  4 ncall:1.4e+04 eff:19.1% logz-
ratio=267.10+/-0.10 dlogz:24.666>0.1]

2619it [18:00,  1.13s/it, bound:0 nc: 40 ncall:1.4e+04 eff:19.0% logz-
ratio=267.12+/-0.10 dlogz:24.645>0.1]

2620it [18:01,  1.17s/it, bound:0 nc: 23 ncall:1.4e+04 eff:19.0% logz-
ratio=267.14+/-0.10 dlogz:24.624>0.1]

2621it [18:01,  1.13it/s, bound:0 nc:  4 ncall:1.4e+04 eff:19.0% logz-
ratio=267.17+/-0.10 dlogz:24.601>0.1]

2622it [18:02,  1.41it/s, bound:0 nc:  5 ncall:1.4e+04 eff:19.0% logz-
ratio=267.19+/-0.10 dlogz:24.579>0.1]

2623it [18:02,  1.67it/s, bound:0 nc:  6 ncall:1.4e+04 eff:19.0% logz-
ratio=267.21+/-0.10 dlogz:24.556>0.1]

2624it [18:03,  1.66it/s, bound:0 nc: 11 ncall:1.4e+04 eff:19.0% logz-
ratio=267.23+/-0.10 dlogz:24.534>0.1]

2625it [18:03,  1.71it/s, bound:0 nc: 10 ncall:1.4e+04 eff:19.0% logz-
ratio=267.25+/-0.10 dlogz:24.513>0.1]
```

```
2626it [18:04,  1.78it/s, bound:0 nc:  9 ncall:1.4e+04 eff:19.0% logz-
ratio=267.27+/-0.10 dlogz:24.491>0.1]

2627it [18:04,  2.23it/s, bound:0 nc:  3 ncall:1.4e+04 eff:19.0% logz-
ratio=267.29+/-0.10 dlogz:24.469>0.1]

2628it [18:04,  2.65it/s, bound:0 nc:  6 ncall:1.4e+04 eff:19.0% logz-
ratio=267.31+/-0.10 dlogz:24.448>0.1]

2629it [18:05,  2.26it/s, bound:0 nc: 26 ncall:1.4e+04 eff:19.0% logz-
ratio=267.33+/-0.10 dlogz:24.426>0.1]

2631it [18:06,  2.15it/s, bound:0 nc: 39 ncall:1.4e+04 eff:18.9% logz-
ratio=267.37+/-0.10 dlogz:24.383>0.1]

2632it [18:07,  1.49it/s, bound:0 nc: 25 ncall:1.4e+04 eff:18.9% logz-
ratio=267.39+/-0.10 dlogz:24.362>0.1]

2633it [18:07,  1.70it/s, bound:0 nc:  7 ncall:1.4e+04 eff:18.9% logz-
ratio=267.41+/-0.10 dlogz:24.341>0.1]

2634it [18:08,  1.83it/s, bound:0 nc:  8 ncall:1.4e+04 eff:18.9% logz-
ratio=267.43+/-0.10 dlogz:24.320>0.1]

2636it [18:09,  1.66it/s, bound:0 nc: 26 ncall:1.4e+04 eff:18.9% logz-
ratio=267.47+/-0.10 dlogz:24.279>0.1]

2637it [18:10,  1.79it/s, bound:0 nc:  8 ncall:1.4e+04 eff:18.9% logz-
ratio=267.49+/-0.10 dlogz:24.259>0.1]

2638it [18:10,  2.10it/s, bound:0 nc:  5 ncall:1.4e+04 eff:18.9% logz-
ratio=267.51+/-0.10 dlogz:24.238>0.1]

2639it [18:10,  2.14it/s, bound:0 nc:  8 ncall:1.4e+04 eff:18.9% logz-
ratio=267.53+/-0.10 dlogz:24.218>0.1]

2640it [18:11,  1.69it/s, bound:0 nc: 16 ncall:1.4e+04 eff:18.8% logz-
ratio=267.55+/-0.10 dlogz:24.198>0.1]

2641it [18:11,  2.14it/s, bound:0 nc:  3 ncall:1.4e+04 eff:18.8% logz-
ratio=267.57+/-0.10 dlogz:24.178>0.1]

2642it [18:12,  1.90it/s, bound:0 nc: 12 ncall:1.4e+04 eff:18.8% logz-
ratio=267.58+/-0.10 dlogz:24.158>0.1]

2643it [18:13,  1.21it/s, bound:0 nc: 28 ncall:1.4e+04 eff:18.8% logz-
ratio=267.60+/-0.10 dlogz:24.138>0.1]
```

```
2644it [18:14,  1.31it/s, bound:0 nc: 11 ncall:1.4e+04 eff:18.8% logz-
ratio=267.62+/-0.10 dlogz:24.119>0.1]

2645it [18:15,  1.39it/s, bound:0 nc: 24 ncall:1.4e+04 eff:18.8% logz-
ratio=267.64+/-0.10 dlogz:24.099>0.1]

2646it [18:16,  1.13it/s, bound:0 nc: 49 ncall:1.4e+04 eff:18.7% logz-
ratio=267.66+/-0.10 dlogz:24.079>0.1]

2647it [18:16,  1.43it/s, bound:0 nc:  9 ncall:1.4e+04 eff:18.7% logz-
ratio=267.68+/-0.10 dlogz:24.059>0.1]

2648it [18:18,  1.11it/s, bound:0 nc: 25 ncall:1.4e+04 eff:18.7% logz-
ratio=267.70+/-0.10 dlogz:24.040>0.1]

2649it [18:18,  1.34it/s, bound:0 nc:  7 ncall:1.4e+04 eff:18.7% logz-
ratio=267.72+/-0.10 dlogz:24.020>0.1]

2650it [18:20,  1.17s/it, bound:0 nc: 39 ncall:1.4e+04 eff:18.6% logz-
ratio=267.74+/-0.10 dlogz:24.000>0.1]

2651it [18:22,  1.28s/it, bound:0 nc: 28 ncall:1.4e+04 eff:18.6% logz-
ratio=267.75+/-0.10 dlogz:23.980>0.1]

2652it [18:23,  1.17s/it, bound:0 nc: 19 ncall:1.4e+04 eff:18.6% logz-
ratio=267.77+/-0.10 dlogz:23.960>0.1]

2653it [18:23,  1.11it/s, bound:0 nc: 13 ncall:1.4e+04 eff:18.6% logz-
ratio=267.79+/-0.10 dlogz:23.939>0.1]

2654it [18:23,  1.50it/s, bound:0 nc:  5 ncall:1.4e+04 eff:18.6% logz-
ratio=267.81+/-0.10 dlogz:23.919>0.1]

2655it [18:23,  1.96it/s, bound:0 nc:  6 ncall:1.4e+04 eff:18.6% logz-
ratio=267.83+/-0.10 dlogz:23.897>0.1]

2656it [18:24,  1.89it/s, bound:0 nc: 23 ncall:1.4e+04 eff:18.6% logz-
ratio=267.86+/-0.10 dlogz:23.875>0.1]

2657it [18:24,  2.29it/s, bound:0 nc:  9 ncall:1.4e+04 eff:18.6% logz-
ratio=267.88+/-0.10 dlogz:23.853>0.1]

2658it [18:25,  1.70it/s, bound:0 nc: 28 ncall:1.4e+04 eff:18.5% logz-
ratio=267.90+/-0.10 dlogz:23.831>0.1]

2659it [18:26,  1.35it/s, bound:0 nc: 20 ncall:1.4e+04 eff:18.5% logz-
ratio=267.92+/-0.10 dlogz:23.809>0.1]
```

```
2660it [18:27,  1.42it/s, bound:0 nc: 11 ncall:1.4e+04 eff:18.5% logz-
ratio=267.94+/-0.10 dlogz:23.788>0.1]

2661it [18:28,  1.03s/it, bound:0 nc: 33 ncall:1.4e+04 eff:18.5% logz-
ratio=267.96+/-0.10 dlogz:23.766>0.1]

2662it [18:29,  1.17it/s, bound:0 nc: 13 ncall:1.4e+04 eff:18.5% logz-
ratio=267.98+/-0.10 dlogz:23.745>0.1]

2663it [18:29,  1.29it/s, bound:0 nc: 26 ncall:1.4e+04 eff:18.4% logz-
ratio=268.00+/-0.10 dlogz:23.724>0.1]

2664it [18:30,  1.62it/s, bound:0 nc: 10 ncall:1.4e+04 eff:18.4% logz-
ratio=268.02+/-0.10 dlogz:23.702>0.1]

2666it [18:30,  2.22it/s, bound:0 nc:  3 ncall:1.4e+04 eff:18.4% logz-
ratio=268.06+/-0.10 dlogz:23.660>0.1]

2667it [18:30,  2.76it/s, bound:0 nc:  6 ncall:1.4e+04 eff:18.4% logz-
ratio=268.08+/-0.10 dlogz:23.639>0.1]

2669it [18:30,  3.23it/s, bound:0 nc: 14 ncall:1.4e+04 eff:18.4% logz-
ratio=268.12+/-0.10 dlogz:23.595>0.1]

2670it [18:31,  2.48it/s, bound:0 nc: 16 ncall:1.5e+04 eff:18.4% logz-
ratio=268.14+/-0.10 dlogz:23.574>0.1]

2671it [18:31,  3.14it/s, bound:0 nc:  2 ncall:1.5e+04 eff:18.4% logz-
ratio=268.16+/-0.10 dlogz:23.552>0.1]

2672it [18:32,  1.63it/s, bound:0 nc: 24 ncall:1.5e+04 eff:18.4% logz-
ratio=268.18+/-0.10 dlogz:23.530>0.1]

2673it [18:33,  2.00it/s, bound:0 nc:  4 ncall:1.5e+04 eff:18.4% logz-
ratio=268.21+/-0.10 dlogz:23.508>0.1]

2675it [18:33,  2.65it/s, bound:0 nc:  2 ncall:1.5e+04 eff:18.4% logz-
ratio=268.25+/-0.10 dlogz:23.466>0.1]

2676it [18:34,  1.96it/s, bound:0 nc: 15 ncall:1.5e+04 eff:18.4% logz-
ratio=268.27+/-0.10 dlogz:23.445>0.1]

2677it [18:34,  2.04it/s, bound:0 nc:  8 ncall:1.5e+04 eff:18.4% logz-
ratio=268.29+/-0.10 dlogz:23.424>0.1]

2678it [18:35,  1.32it/s, bound:0 nc: 25 ncall:1.5e+04 eff:18.4% logz-
ratio=268.31+/-0.10 dlogz:23.402>0.1]
```

```
2679it [18:36,  1.72it/s, bound:0 nc:  3 ncall:1.5e+04 eff:18.4% logz-
ratio=268.33+/-0.10 dlogz:23.379>0.1]

2680it [18:36,  2.03it/s, bound:0 nc:  5 ncall:1.5e+04 eff:18.4% logz-
ratio=268.35+/-0.10 dlogz:23.356>0.1]

2681it [18:37,  1.84it/s, bound:0 nc: 12 ncall:1.5e+04 eff:18.4% logz-
ratio=268.37+/-0.10 dlogz:23.333>0.1]

2682it [18:37,  1.55it/s, bound:0 nc: 30 ncall:1.5e+04 eff:18.3% logz-
ratio=268.39+/-0.10 dlogz:23.311>0.1]

2683it [18:38,  1.90it/s, bound:0 nc: 10 ncall:1.5e+04 eff:18.3% logz-
ratio=268.42+/-0.10 dlogz:23.289>0.1]

2684it [18:38,  2.07it/s, bound:0 nc: 15 ncall:1.5e+04 eff:18.3% logz-
ratio=268.44+/-0.10 dlogz:23.267>0.1]

2685it [18:39,  2.10it/s, bound:0 nc: 18 ncall:1.5e+04 eff:18.3% logz-
ratio=268.46+/-0.10 dlogz:23.245>0.1]

2686it [18:39,  2.43it/s, bound:0 nc: 10 ncall:1.5e+04 eff:18.3% logz-
ratio=268.48+/-0.10 dlogz:23.223>0.1]

2687it [18:40,  1.49it/s, bound:0 nc: 24 ncall:1.5e+04 eff:18.3% logz-
ratio=268.50+/-0.10 dlogz:23.202>0.1]

2689it [18:40,  1.95it/s, bound:0 nc:  4 ncall:1.5e+04 eff:18.3% logz-
ratio=268.54+/-0.10 dlogz:23.159>0.1]

2690it [18:41,  1.74it/s, bound:0 nc: 13 ncall:1.5e+04 eff:18.3% logz-
ratio=268.56+/-0.10 dlogz:23.137>0.1]

2691it [18:41,  2.19it/s, bound:0 nc:  3 ncall:1.5e+04 eff:18.3% logz-
ratio=268.58+/-0.10 dlogz:23.115>0.1]

2692it [18:43,  1.29it/s, bound:0 nc: 28 ncall:1.5e+04 eff:18.2% logz-
ratio=268.60+/-0.10 dlogz:23.093>0.1]

2693it [18:44,  1.20it/s, bound:0 nc: 17 ncall:1.5e+04 eff:18.2% logz-
ratio=268.62+/-0.10 dlogz:23.071>0.1]

2694it [18:45,  1.02s/it, bound:0 nc: 27 ncall:1.5e+04 eff:18.2% logz-
ratio=268.64+/-0.10 dlogz:23.049>0.1]

2695it [18:46,  1.00it/s, bound:0 nc: 17 ncall:1.5e+04 eff:18.2% logz-
ratio=268.66+/-0.10 dlogz:23.027>0.1]
```

2696it [18:47, 1.04s/it, bound:0 nc: 21 ncall:1.5e+04 eff:18.2% logz-ratio=268.68+/-0.10 dlogz:23.006>0.1]

2697it [18:49, 1.19s/it, bound:0 nc: 28 ncall:1.5e+04 eff:18.1% logz-ratio=268.70+/-0.10 dlogz:22.985>0.1]

2698it [18:49, 1.07it/s, bound:0 nc: 6 ncall:1.5e+04 eff:18.1% logz-ratio=268.73+/-0.10 dlogz:22.964>0.1]

2699it [18:50, 1.11it/s, bound:0 nc: 15 ncall:1.5e+04 eff:18.1% logz-ratio=268.75+/-0.10 dlogz:22.942>0.1]

2700it [18:50, 1.28it/s, bound:0 nc: 9 ncall:1.5e+04 eff:18.1% logz-ratio=268.77+/-0.10 dlogz:22.921>0.1]

2701it [18:51, 1.50it/s, bound:0 nc: 7 ncall:1.5e+04 eff:18.1% logz-ratio=268.79+/-0.10 dlogz:22.900>0.1]

2702it [18:51, 1.58it/s, bound:0 nc: 10 ncall:1.5e+04 eff:18.1% logz-ratio=268.81+/-0.10 dlogz:22.879>0.1]

2703it [18:54, 1.23s/it, bound:0 nc: 59 ncall:1.5e+04 eff:18.0% logz-ratio=268.83+/-0.10 dlogz:22.857>0.1]

2704it [18:54, 1.02it/s, bound:0 nc: 17 ncall:1.5e+04 eff:18.0% logz-ratio=268.85+/-0.10 dlogz:22.837>0.1]

2705it [18:55, 1.38it/s, bound:0 nc: 6 ncall:1.5e+04 eff:18.0% logz-ratio=268.86+/-0.10 dlogz:22.816>0.1]

2707it [18:55, 1.58it/s, bound:0 nc: 32 ncall:1.5e+04 eff:18.0% logz-ratio=268.90+/-0.10 dlogz:22.776>0.1]

2708it [18:56, 1.38it/s, bound:0 nc: 20 ncall:1.5e+04 eff:18.0% logz-ratio=268.92+/-0.10 dlogz:22.756>0.1]

2709it [18:58, 1.09it/s, bound:0 nc: 25 ncall:1.5e+04 eff:18.0% logz-ratio=268.94+/-0.10 dlogz:22.736>0.1]

2710it [18:58, 1.29it/s, bound:0 nc: 8 ncall:1.5e+04 eff:18.0% logz-ratio=268.96+/-0.10 dlogz:22.716>0.1]

2711it [18:59, 1.44it/s, bound:0 nc: 9 ncall:1.5e+04 eff:18.0% logz-ratio=268.98+/-0.10 dlogz:22.696>0.1]

2712it [19:00, 1.20it/s, bound:0 nc: 18 ncall:1.5e+04 eff:17.9% logz-ratio=269.00+/-0.10 dlogz:22.675>0.1]

2714it [19:01, 1.24it/s, bound:0 nc: 26 ncall:1.5e+04 eff:17.9% logz-ratio=269.04+/-0.10 dlogz:22.634>0.1]

2715it [19:02, 1.34it/s, bound:0 nc: 11 ncall:1.5e+04 eff:17.9% logz-ratio=269.06+/-0.10 dlogz:22.613>0.1]

2716it [19:02, 1.73it/s, bound:0 nc: 8 ncall:1.5e+04 eff:17.9% logz-ratio=269.08+/-0.10 dlogz:22.593>0.1]

2717it [19:03, 1.42it/s, bound:0 nc: 43 ncall:1.5e+04 eff:17.9% logz-ratio=269.10+/-0.10 dlogz:22.573>0.1]

2718it [19:04, 1.36it/s, bound:0 nc: 30 ncall:1.5e+04 eff:17.8% logz-ratio=269.11+/-0.10 dlogz:22.552>0.1]

2719it [19:05, 1.17it/s, bound:0 nc: 21 ncall:1.5e+04 eff:17.8% logz-ratio=269.13+/-0.10 dlogz:22.532>0.1]

2720it [19:06, 1.23it/s, bound:0 nc: 13 ncall:1.5e+04 eff:17.8% logz-ratio=269.15+/-0.10 dlogz:22.513>0.1]

2721it [19:06, 1.53it/s, bound:0 nc: 5 ncall:1.5e+04 eff:17.8% logz-ratio=269.17+/-0.10 dlogz:22.493>0.1]

2723it [19:07, 1.58it/s, bound:0 nc: 20 ncall:1.5e+04 eff:17.8% logz-ratio=269.21+/-0.10 dlogz:22.454>0.1]

2724it [19:08, 1.56it/s, bound:0 nc: 12 ncall:1.5e+04 eff:17.8% logz-ratio=269.23+/-0.10 dlogz:22.434>0.1]

2725it [19:08, 1.90it/s, bound:0 nc: 6 ncall:1.5e+04 eff:17.8% logz-ratio=269.24+/-0.10 dlogz:22.415>0.1]

2726it [19:08, 2.39it/s, bound:0 nc: 8 ncall:1.5e+04 eff:17.8% logz-ratio=269.26+/-0.10 dlogz:22.396>0.1]

2728it [19:09, 2.81it/s, bound:0 nc: 17 ncall:1.5e+04 eff:17.8% logz-ratio=269.30+/-0.10 dlogz:22.358>0.1]

2729it [19:09, 3.17it/s, bound:0 nc: 9 ncall:1.5e+04 eff:17.8% logz-ratio=269.32+/-0.10 dlogz:22.338>0.1]

2730it [19:09, 3.87it/s, bound:0 nc: 5 ncall:1.5e+04 eff:17.8% logz-ratio=269.34+/-0.10 dlogz:22.318>0.1]

2731it [19:09, 3.81it/s, bound:0 nc: 11 ncall:1.5e+04 eff:17.8% logz-ratio=269.36+/-0.10 dlogz:22.299>0.1]

```
2733it [19:10,  2.87it/s, bound:0 nc: 32 ncall:1.5e+04 eff:17.8% logz-
ratio=269.40+/-0.10 dlogz:22.258>0.1]

2734it [19:11,  2.77it/s, bound:0 nc:  7 ncall:1.5e+04 eff:17.7% logz-
ratio=269.42+/-0.10 dlogz:22.236>0.1]

2736it [19:12,  2.19it/s, bound:0 nc: 24 ncall:1.5e+04 eff:17.7% logz-
ratio=269.46+/-0.10 dlogz:22.192>0.1]

2737it [19:14,  1.20it/s, bound:0 nc: 31 ncall:1.5e+04 eff:17.7% logz-
ratio=269.48+/-0.10 dlogz:22.170>0.1]

2738it [19:14,  1.47it/s, bound:0 nc:  6 ncall:1.5e+04 eff:17.7% logz-
ratio=269.50+/-0.10 dlogz:22.148>0.1]

2739it [19:15,  1.51it/s, bound:0 nc: 11 ncall:1.5e+04 eff:17.7% logz-
ratio=269.52+/-0.10 dlogz:22.126>0.1]

2740it [19:15,  1.73it/s, bound:0 nc:  7 ncall:1.5e+04 eff:17.7% logz-
ratio=269.54+/-0.10 dlogz:22.105>0.1]

2741it [19:16,  1.80it/s, bound:0 nc:  9 ncall:1.5e+04 eff:17.7% logz-
ratio=269.56+/-0.10 dlogz:22.084>0.1]

2743it [19:16,  2.41it/s, bound:0 nc:  2 ncall:1.5e+04 eff:17.7% logz-
ratio=269.60+/-0.10 dlogz:22.042>0.1]

2744it [19:17,  1.88it/s, bound:0 nc: 25 ncall:1.6e+04 eff:17.7% logz-
ratio=269.62+/-0.10 dlogz:22.022>0.1]

2745it [19:17,  1.77it/s, bound:0 nc: 27 ncall:1.6e+04 eff:17.7% logz-
ratio=269.64+/-0.10 dlogz:22.001>0.1]

2746it [19:20,  1.07s/it, bound:0 nc: 61 ncall:1.6e+04 eff:17.6% logz-
ratio=269.66+/-0.10 dlogz:21.980>0.1]

2747it [19:20,  1.11it/s, bound:0 nc:  9 ncall:1.6e+04 eff:17.6% logz-
ratio=269.68+/-0.10 dlogz:21.958>0.1]

2748it [19:20,  1.46it/s, bound:0 nc:  3 ncall:1.6e+04 eff:17.6% logz-
ratio=269.70+/-0.10 dlogz:21.937>0.1]

2749it [19:23,  1.33s/it, bound:0 nc: 52 ncall:1.6e+04 eff:17.5% logz-
ratio=269.72+/-0.10 dlogz:21.916>0.1]

2751it [19:23,  1.06it/s, bound:0 nc:  1 ncall:1.6e+04 eff:17.6% logz-
ratio=269.76+/-0.10 dlogz:21.874>0.1]
```

```
2752it [19:24,  1.28it/s, bound:0 nc:  7 ncall:1.6e+04 eff:17.5% logz-
ratio=269.78+/-0.10 dlogz:21.854>0.1]

2753it [19:25,  1.15it/s, bound:0 nc: 22 ncall:1.6e+04 eff:17.5% logz-
ratio=269.80+/-0.10 dlogz:21.833>0.1]

2756it [19:25,  1.59it/s, bound:0 nc:  9 ncall:1.6e+04 eff:17.5% logz-
ratio=269.86+/-0.10 dlogz:21.773>0.1]

2757it [19:25,  1.79it/s, bound:0 nc: 17 ncall:1.6e+04 eff:17.5% logz-
ratio=269.88+/-0.10 dlogz:21.753>0.1]

2758it [19:26,  1.93it/s, bound:0 nc: 18 ncall:1.6e+04 eff:17.5% logz-
ratio=269.90+/-0.10 dlogz:21.733>0.1]

2759it [19:26,  2.20it/s, bound:0 nc: 13 ncall:1.6e+04 eff:17.5% logz-
ratio=269.91+/-0.10 dlogz:21.712>0.1]

2760it [19:26,  2.65it/s, bound:0 nc:  8 ncall:1.6e+04 eff:17.5% logz-
ratio=269.93+/-0.10 dlogz:21.691>0.1]

2761it [19:26,  3.21it/s, bound:0 nc:  6 ncall:1.6e+04 eff:17.5% logz-
ratio=269.95+/-0.10 dlogz:21.671>0.1]

2763it [19:27,  4.25it/s, bound:0 nc:  3 ncall:1.6e+04 eff:17.5% logz-
ratio=269.99+/-0.10 dlogz:21.629>0.1]

2764it [19:27,  3.17it/s, bound:0 nc:  9 ncall:1.6e+04 eff:17.5% logz-
ratio=270.01+/-0.10 dlogz:21.608>0.1]

2765it [19:27,  2.94it/s, bound:0 nc:  7 ncall:1.6e+04 eff:17.5% logz-
ratio=270.03+/-0.10 dlogz:21.588>0.1]

2766it [19:28,  2.28it/s, bound:0 nc: 12 ncall:1.6e+04 eff:17.5% logz-
ratio=270.05+/-0.10 dlogz:21.567>0.1]

2768it [19:29,  2.61it/s, bound:0 nc:  8 ncall:1.6e+04 eff:17.5% logz-
ratio=270.09+/-0.10 dlogz:21.526>0.1]

2769it [19:29,  2.96it/s, bound:0 nc:  4 ncall:1.6e+04 eff:17.5% logz-
ratio=270.11+/-0.10 dlogz:21.505>0.1]

2770it [19:32,  1.28s/it, bound:0 nc:103 ncall:1.6e+04 eff:17.4% logz-
ratio=270.13+/-0.10 dlogz:21.485>0.1]

2771it [19:33,  1.02it/s, bound:0 nc: 11 ncall:1.6e+04 eff:17.4% logz-
ratio=270.15+/-0.10 dlogz:21.464>0.1]
```

```
2772it [19:33,  1.31it/s, bound:0 nc:  5 ncall:1.6e+04 eff:17.4% logz-
ratio=270.17+/-0.10 dlogz:21.444>0.1]

2773it [19:35,  1.17s/it, bound:0 nc: 38 ncall:1.6e+04 eff:17.4% logz-
ratio=270.19+/-0.10 dlogz:21.423>0.1]

2774it [19:36,  1.05s/it, bound:0 nc: 14 ncall:1.6e+04 eff:17.3% logz-
ratio=270.21+/-0.10 dlogz:21.403>0.1]

2775it [19:36,  1.30it/s, bound:0 nc:  2 ncall:1.6e+04 eff:17.4% logz-
ratio=270.23+/-0.10 dlogz:21.383>0.1]

2776it [19:36,  1.60it/s, bound:0 nc:  5 ncall:1.6e+04 eff:17.4% logz-
ratio=270.25+/-0.10 dlogz:21.363>0.1]

2777it [19:36,  1.91it/s, bound:0 nc:  5 ncall:1.6e+04 eff:17.4% logz-
ratio=270.26+/-0.10 dlogz:21.343>0.1]

2778it [19:38,  1.21it/s, bound:0 nc: 28 ncall:1.6e+04 eff:17.3% logz-
ratio=270.28+/-0.10 dlogz:21.324>0.1]

2779it [19:38,  1.44it/s, bound:0 nc:  7 ncall:1.6e+04 eff:17.3% logz-
ratio=270.30+/-0.10 dlogz:21.305>0.1]

2781it [19:39,  1.86it/s, bound:0 nc:  5 ncall:1.6e+04 eff:17.3% logz-
ratio=270.34+/-0.10 dlogz:21.267>0.1]

2782it [19:40,  1.49it/s, bound:0 nc: 35 ncall:1.6e+04 eff:17.3% logz-
ratio=270.35+/-0.10 dlogz:21.248>0.1]

2784it [19:40,  2.01it/s, bound:0 nc:  4 ncall:1.6e+04 eff:17.3% logz-
ratio=270.39+/-0.10 dlogz:21.211>0.1]

2785it [19:40,  2.30it/s, bound:0 nc: 12 ncall:1.6e+04 eff:17.3% logz-
ratio=270.41+/-0.10 dlogz:21.193>0.1]

2786it [19:40,  2.76it/s, bound:0 nc:  4 ncall:1.6e+04 eff:17.3% logz-
ratio=270.42+/-0.10 dlogz:21.175>0.1]

2787it [19:42,  1.18it/s, bound:0 nc: 49 ncall:1.6e+04 eff:17.3% logz-
ratio=270.44+/-0.10 dlogz:21.157>0.1]

2788it [19:42,  1.58it/s, bound:0 nc:  2 ncall:1.6e+04 eff:17.3% logz-
ratio=270.46+/-0.10 dlogz:21.139>0.1]

2789it [19:43,  1.74it/s, bound:0 nc:  8 ncall:1.6e+04 eff:17.3% logz-
ratio=270.47+/-0.10 dlogz:21.121>0.1]
```

2791it [19:44, 1.75it/s, bound:0 nc: 19 ncall:1.6e+04 eff:17.2% logz-ratio=270.51+/-0.10 dlogz:21.086>0.1]

2792it [19:44, 2.20it/s, bound:0 nc: 3 ncall:1.6e+04 eff:17.3% logz-ratio=270.52+/-0.10 dlogz:21.068>0.1]

2793it [19:45, 1.92it/s, bound:0 nc: 12 ncall:1.6e+04 eff:17.2% logz-ratio=270.54+/-0.10 dlogz:21.051>0.1]

2794it [19:45, 1.99it/s, bound:0 nc: 8 ncall:1.6e+04 eff:17.2% logz-ratio=270.56+/-0.10 dlogz:21.033>0.1]

2795it [19:47, 1.40it/s, bound:0 nc: 22 ncall:1.6e+04 eff:17.2% logz-ratio=270.57+/-0.10 dlogz:21.016>0.1]

2796it [19:48, 1.10it/s, bound:0 nc: 25 ncall:1.6e+04 eff:17.2% logz-ratio=270.59+/-0.10 dlogz:20.999>0.1]

2797it [19:48, 1.35it/s, bound:0 nc: 6 ncall:1.6e+04 eff:17.2% logz-ratio=270.60+/-0.10 dlogz:20.982>0.1]

2798it [19:48, 1.70it/s, bound:0 nc: 4 ncall:1.6e+04 eff:17.2% logz-ratio=270.62+/-0.10 dlogz:20.965>0.1]

2799it [19:50, 1.29it/s, bound:0 nc: 31 ncall:1.6e+04 eff:17.2% logz-ratio=270.64+/-0.10 dlogz:20.948>0.1]

2800it [19:50, 1.45it/s, bound:0 nc: 21 ncall:1.6e+04 eff:17.2% logz-ratio=270.65+/-0.10 dlogz:20.930>0.1]

2801it [19:51, 1.23it/s, bound:0 nc: 44 ncall:1.6e+04 eff:17.1% logz-ratio=270.67+/-0.10 dlogz:20.913>0.1]

2802it [19:53, 1.01s/it, bound:0 nc: 27 ncall:1.6e+04 eff:17.1% logz-ratio=270.69+/-0.10 dlogz:20.896>0.1]

2803it [19:56, 1.55s/it, bound:0 nc: 52 ncall:1.6e+04 eff:17.1% logz-ratio=270.70+/-0.10 dlogz:20.878>0.1]

2804it [19:56, 1.17s/it, bound:0 nc: 13 ncall:1.6e+04 eff:17.0% logz-ratio=270.72+/-0.10 dlogz:20.860>0.1]

2805it [19:56, 1.02s/it, bound:0 nc: 28 ncall:1.6e+04 eff:17.0% logz-ratio=270.74+/-0.10 dlogz:20.842>0.1]

2806it [19:57, 1.34it/s, bound:0 nc: 4 ncall:1.6e+04 eff:17.0% logz-ratio=270.75+/-0.10 dlogz:20.824>0.1]

2807it [19:57, 1.49it/s, bound:0 nc: 20 ncall:1.7e+04 eff:17.0% logz-ratio=270.77+/-0.10 dlogz:20.806>0.1]

2809it [19:57, 2.05it/s, bound:0 nc: 3 ncall:1.7e+04 eff:17.0% logz-ratio=270.80+/-0.10 dlogz:20.770>0.1]

2810it [19:57, 2.53it/s, bound:0 nc: 7 ncall:1.7e+04 eff:17.0% logz-ratio=270.82+/-0.10 dlogz:20.752>0.1]

2811it [19:58, 2.95it/s, bound:0 nc: 4 ncall:1.7e+04 eff:17.0% logz-ratio=270.84+/-0.10 dlogz:20.735>0.1]

2812it [19:58, 3.59it/s, bound:0 nc: 2 ncall:1.7e+04 eff:17.0% logz-ratio=270.85+/-0.10 dlogz:20.717>0.1]

2813it [20:00, 1.01s/it, bound:0 nc: 46 ncall:1.7e+04 eff:17.0% logz-ratio=270.87+/-0.10 dlogz:20.700>0.1]

2814it [20:01, 1.16it/s, bound:0 nc: 9 ncall:1.7e+04 eff:17.0% logz-ratio=270.89+/-0.10 dlogz:20.682>0.1]

2815it [20:05, 1.67s/it, bound:0 nc: 64 ncall:1.7e+04 eff:16.9% logz-ratio=270.90+/-0.10 dlogz:20.665>0.1]

2816it [20:05, 1.37s/it, bound:0 nc: 12 ncall:1.7e+04 eff:16.9% logz-ratio=270.92+/-0.10 dlogz:20.648>0.1]

2817it [20:05, 1.03s/it, bound:0 nc: 4 ncall:1.7e+04 eff:16.9% logz-ratio=270.94+/-0.10 dlogz:20.630>0.1]

2818it [20:06, 1.19it/s, bound:0 nc: 7 ncall:1.7e+04 eff:16.9% logz-ratio=270.95+/-0.10 dlogz:20.612>0.1]

2819it [20:06, 1.32it/s, bound:0 nc: 10 ncall:1.7e+04 eff:16.9% logz-ratio=270.97+/-0.10 dlogz:20.594>0.1]

2820it [20:09, 1.28s/it, bound:0 nc: 46 ncall:1.7e+04 eff:16.9% logz-ratio=270.99+/-0.10 dlogz:20.576>0.1]

2821it [20:09, 1.07it/s, bound:0 nc: 2 ncall:1.7e+04 eff:16.9% logz-ratio=271.00+/-0.10 dlogz:20.558>0.1]

2822it [20:10, 1.22it/s, bound:0 nc: 10 ncall:1.7e+04 eff:16.9% logz-ratio=271.02+/-0.10 dlogz:20.541>0.1]

2823it [20:10, 1.64it/s, bound:0 nc: 2 ncall:1.7e+04 eff:16.9% logz-ratio=271.04+/-0.10 dlogz:20.523>0.1]

```
2824it [20:10,  1.56it/s, bound:0 nc: 13 ncall:1.7e+04 eff:16.9% logz-
ratio=271.05+/-0.10 dlogz:20.505>0.1]


2825it [20:11,  1.58it/s, bound:0 nc: 11 ncall:1.7e+04 eff:16.9% logz-
ratio=271.07+/-0.10 dlogz:20.488>0.1]


2826it [20:11,  2.09it/s, bound:0 nc:  2 ncall:1.7e+04 eff:16.9% logz-
ratio=271.09+/-0.10 dlogz:20.471>0.1]


2827it [20:12,  2.06it/s, bound:0 nc:  9 ncall:1.7e+04 eff:16.9% logz-
ratio=271.10+/-0.10 dlogz:20.453>0.1]


2828it [20:13,  1.61it/s, bound:0 nc: 17 ncall:1.7e+04 eff:16.9% logz-
ratio=271.12+/-0.10 dlogz:20.436>0.1]


2829it [20:14,  1.06it/s, bound:0 nc: 31 ncall:1.7e+04 eff:16.8% logz-
ratio=271.14+/-0.10 dlogz:20.419>0.1]


2830it [20:15,  1.23it/s, bound:0 nc:  9 ncall:1.7e+04 eff:16.8% logz-
ratio=271.15+/-0.10 dlogz:20.401>0.1]


2831it [20:19,  1.70s/it, bound:0 nc:115 ncall:1.7e+04 eff:16.7% logz-
ratio=271.17+/-0.10 dlogz:20.383>0.1]


2833it [20:20,  1.41s/it, bound:0 nc: 26 ncall:1.7e+04 eff:16.7% logz-
ratio=271.20+/-0.10 dlogz:20.348>0.1]


2835it [20:20,  1.02s/it, bound:0 nc:  3 ncall:1.7e+04 eff:16.7% logz-
ratio=271.24+/-0.10 dlogz:20.312>0.1]


2837it [20:21,  1.14it/s, bound:0 nc: 18 ncall:1.7e+04 eff:16.7% logz-
ratio=271.27+/-0.10 dlogz:20.274>0.1]


2838it [20:24,  1.31s/it, bound:0 nc: 43 ncall:1.7e+04 eff:16.7% logz-
ratio=271.29+/-0.10 dlogz:20.255>0.1]


2839it [20:25,  1.36s/it, bound:0 nc: 37 ncall:1.7e+04 eff:16.6% logz-
ratio=271.31+/-0.10 dlogz:20.235>0.1]


2840it [20:26,  1.10s/it, bound:0 nc: 21 ncall:1.7e+04 eff:16.6% logz-
ratio=271.33+/-0.10 dlogz:20.217>0.1]


2842it [20:26,  1.13it/s, bound:0 nc: 28 ncall:1.7e+04 eff:16.6% logz-
ratio=271.36+/-0.10 dlogz:20.179>0.1]


2843it [20:29,  1.27s/it, bound:0 nc: 44 ncall:1.7e+04 eff:16.6% logz-
ratio=271.38+/-0.10 dlogz:20.161>0.1]
```

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2845it [20:29,  1.07it/s, bound:0 nc:  4 ncall:1.7e+04 eff:16.6% logz-
ratio=271.42+/-0.10 dlogz:20.123>0.1]

2846it [20:30,  1.12s/it, bound:0 nc: 29 ncall:1.7e+04 eff:16.5% logz-
ratio=271.43+/-0.10 dlogz:20.105>0.1]

2847it [20:32,  1.15s/it, bound:0 nc: 22 ncall:1.7e+04 eff:16.5% logz-
ratio=271.45+/-0.10 dlogz:20.086>0.1]

2848it [20:33,  1.25s/it, bound:0 nc: 29 ncall:1.7e+04 eff:16.5% logz-
ratio=271.47+/-0.10 dlogz:20.069>0.1]

2849it [20:33,  1.06it/s, bound:0 nc: 10 ncall:1.7e+04 eff:16.5% logz-
ratio=271.48+/-0.10 dlogz:20.051>0.1]

2851it [20:33,  1.47it/s, bound:0 nc:  4 ncall:1.7e+04 eff:16.5% logz-
ratio=271.52+/-0.10 dlogz:20.016>0.1]

2852it [20:34,  1.38it/s, bound:0 nc: 35 ncall:1.7e+04 eff:16.5% logz-
ratio=271.53+/-0.10 dlogz:19.998>0.1]

2853it [20:34,  1.80it/s, bound:0 nc:  6 ncall:1.7e+04 eff:16.5% logz-
ratio=271.55+/-0.10 dlogz:19.981>0.1]

2854it [20:35,  2.25it/s, bound:0 nc:  7 ncall:1.7e+04 eff:16.5% logz-
ratio=271.56+/-0.10 dlogz:19.964>0.1]

2856it [20:38,  1.32it/s, bound:0 nc: 75 ncall:1.7e+04 eff:16.4% logz-
ratio=271.60+/-0.10 dlogz:19.930>0.1]

2857it [20:38,  1.48it/s, bound:0 nc: 20 ncall:1.7e+04 eff:16.4% logz-
ratio=271.61+/-0.10 dlogz:19.914>0.1]

2858it [20:39,  1.20it/s, bound:0 nc: 40 ncall:1.7e+04 eff:16.4% logz-
ratio=271.63+/-0.10 dlogz:19.897>0.1]

2859it [20:40,  1.42it/s, bound:0 nc:  7 ncall:1.7e+04 eff:16.4% logz-
ratio=271.64+/-0.10 dlogz:19.879>0.1]

2860it [20:40,  1.60it/s, bound:0 nc:  8 ncall:1.7e+04 eff:16.4% logz-
ratio=271.66+/-0.10 dlogz:19.861>0.1]

2861it [20:42,  1.02s/it, bound:0 nc: 36 ncall:1.8e+04 eff:16.3% logz-
ratio=271.68+/-0.10 dlogz:19.844>0.1]

2862it [20:42,  1.25it/s, bound:0 nc:  5 ncall:1.8e+04 eff:16.3% logz-
ratio=271.70+/-0.10 dlogz:19.826>0.1]
```

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2863it [20:43,  1.40it/s, bound:0 nc:  9 ncall:1.8e+04 eff:16.3% logz-
ratio=271.71+/-0.10 dlogz:19.808>0.1]

2864it [20:44,  1.15it/s, bound:0 nc: 21 ncall:1.8e+04 eff:16.3% logz-
ratio=271.73+/-0.10 dlogz:19.791>0.1]

2865it [20:46,  1.04s/it, bound:0 nc: 26 ncall:1.8e+04 eff:16.3% logz-
ratio=271.74+/-0.10 dlogz:19.774>0.1]

2866it [20:47,  1.27s/it, bound:0 nc: 33 ncall:1.8e+04 eff:16.3% logz-
ratio=271.76+/-0.10 dlogz:19.756>0.1]

2867it [20:48,  1.20s/it, bound:0 nc: 19 ncall:1.8e+04 eff:16.3% logz-
ratio=271.78+/-0.10 dlogz:19.738>0.1]

2868it [20:49,  1.12it/s, bound:0 nc:  3 ncall:1.8e+04 eff:16.3% logz-
ratio=271.79+/-0.10 dlogz:19.720>0.1]

2869it [20:49,  1.35it/s, bound:0 nc:  7 ncall:1.8e+04 eff:16.3% logz-
ratio=271.81+/-0.10 dlogz:19.703>0.1]

2870it [20:49,  1.57it/s, bound:0 nc:  7 ncall:1.8e+04 eff:16.3% logz-
ratio=271.83+/-0.10 dlogz:19.685>0.1]

2871it [20:50,  1.97it/s, bound:0 nc:  4 ncall:1.8e+04 eff:16.3% logz-
ratio=271.84+/-0.10 dlogz:19.668>0.1]

2872it [20:50,  2.55it/s, bound:0 nc:  6 ncall:1.8e+04 eff:16.3% logz-
ratio=271.86+/-0.10 dlogz:19.650>0.1]

2874it [20:50,  2.62it/s, bound:0 nc: 28 ncall:1.8e+04 eff:16.3% logz-
ratio=271.89+/-0.10 dlogz:19.616>0.1]

2875it [20:51,  2.87it/s, bound:0 nc: 11 ncall:1.8e+04 eff:16.3% logz-
ratio=271.91+/-0.10 dlogz:19.598>0.1]

2876it [20:51,  3.56it/s, bound:0 nc:  5 ncall:1.8e+04 eff:16.3% logz-
ratio=271.92+/-0.10 dlogz:19.582>0.1]

2877it [20:51,  3.51it/s, bound:0 nc: 12 ncall:1.8e+04 eff:16.3% logz-
ratio=271.94+/-0.10 dlogz:19.565>0.1]

2878it [20:51,  4.35it/s, bound:0 nc:  4 ncall:1.8e+04 eff:16.3% logz-
ratio=271.96+/-0.10 dlogz:19.548>0.1]

2880it [20:51,  5.17it/s, bound:0 nc:  7 ncall:1.8e+04 eff:16.3% logz-
ratio=271.99+/-0.10 dlogz:19.516>0.1]
```

2881it [20:52, 3.08it/s, bound:0 nc: 12 ncall:1.8e+04 eff:16.3% logz-
ratio=272.00+/-0.10 dlogz:19.500>0.1]

2882it [20:53, 2.04it/s, bound:0 nc: 16 ncall:1.8e+04 eff:16.2% logz-
ratio=272.02+/-0.10 dlogz:19.484>0.1]

2883it [20:53, 2.17it/s, bound:0 nc: 7 ncall:1.8e+04 eff:16.2% logz-
ratio=272.03+/-0.10 dlogz:19.468>0.1]

2884it [20:54, 2.27it/s, bound:0 nc: 7 ncall:1.8e+04 eff:16.2% logz-
ratio=272.04+/-0.10 dlogz:19.452>0.1]

2885it [20:54, 2.04it/s, bound:0 nc: 11 ncall:1.8e+04 eff:16.2% logz-
ratio=272.06+/-0.10 dlogz:19.437>0.1]

2886it [20:55, 1.78it/s, bound:0 nc: 13 ncall:1.8e+04 eff:16.2% logz-
ratio=272.07+/-0.10 dlogz:19.421>0.1]

2887it [20:56, 1.51it/s, bound:0 nc: 24 ncall:1.8e+04 eff:16.2% logz-
ratio=272.09+/-0.10 dlogz:19.406>0.1]

2888it [20:57, 1.50it/s, bound:0 nc: 29 ncall:1.8e+04 eff:16.2% logz-
ratio=272.10+/-0.10 dlogz:19.390>0.1]

2889it [20:57, 1.97it/s, bound:0 nc: 5 ncall:1.8e+04 eff:16.2% logz-
ratio=272.12+/-0.10 dlogz:19.375>0.1]

2891it [20:57, 2.62it/s, bound:0 nc: 5 ncall:1.8e+04 eff:16.2% logz-
ratio=272.14+/-0.10 dlogz:19.345>0.1]

2892it [20:57, 2.50it/s, bound:0 nc: 18 ncall:1.8e+04 eff:16.2% logz-
ratio=272.16+/-0.10 dlogz:19.330>0.1]

2893it [20:58, 2.59it/s, bound:0 nc: 11 ncall:1.8e+04 eff:16.2% logz-
ratio=272.17+/-0.10 dlogz:19.315>0.1]

2894it [21:01, 1.31s/it, bound:0 nc: 64 ncall:1.8e+04 eff:16.1% logz-
ratio=272.19+/-0.10 dlogz:19.300>0.1]

2895it [21:01, 1.05it/s, bound:0 nc: 2 ncall:1.8e+04 eff:16.1% logz-
ratio=272.20+/-0.10 dlogz:19.285>0.1]

2896it [21:02, 1.32it/s, bound:0 nc: 5 ncall:1.8e+04 eff:16.1% logz-
ratio=272.22+/-0.10 dlogz:19.269>0.1]

2897it [21:02, 1.42it/s, bound:0 nc: 22 ncall:1.8e+04 eff:16.1% logz-
ratio=272.23+/-0.10 dlogz:19.254>0.1]

```
2898it [21:02,  1.84it/s, bound:0 nc:  7 ncall:1.8e+04 eff:16.1% logz-
ratio=272.24+/-0.10 dlogz:19.239>0.1]

2899it [21:05,  1.01s/it, bound:0 nc: 69 ncall:1.8e+04 eff:16.1% logz-
ratio=272.26+/-0.10 dlogz:19.223>0.1]

2900it [21:05,  1.14it/s, bound:0 nc: 10 ncall:1.8e+04 eff:16.1% logz-
ratio=272.27+/-0.10 dlogz:19.208>0.1]

2901it [21:06,  1.34it/s, bound:0 nc:  8 ncall:1.8e+04 eff:16.1% logz-
ratio=272.29+/-0.10 dlogz:19.192>0.1]

2902it [21:07,  1.13it/s, bound:0 nc: 22 ncall:1.8e+04 eff:16.0% logz-
ratio=272.30+/-0.10 dlogz:19.177>0.1]

2903it [21:07,  1.36it/s, bound:0 nc:  7 ncall:1.8e+04 eff:16.0% logz-
ratio=272.32+/-0.10 dlogz:19.162>0.1]

2904it [21:08,  1.11it/s, bound:0 nc: 36 ncall:1.8e+04 eff:16.0% logz-
ratio=272.33+/-0.10 dlogz:19.147>0.1]

2905it [21:09,  1.29it/s, bound:0 nc: 16 ncall:1.8e+04 eff:16.0% logz-
ratio=272.34+/-0.10 dlogz:19.132>0.1]

2906it [21:12,  1.60s/it, bound:0 nc:100 ncall:1.8e+04 eff:15.9% logz-
ratio=272.36+/-0.10 dlogz:19.117>0.1]

2907it [21:13,  1.23s/it, bound:0 nc: 15 ncall:1.8e+04 eff:15.9% logz-
ratio=272.37+/-0.10 dlogz:19.102>0.1]

2909it [21:13,  1.09it/s, bound:0 nc: 13 ncall:1.8e+04 eff:15.9% logz-
ratio=272.40+/-0.10 dlogz:19.072>0.1]

2910it [21:14,  1.09it/s, bound:0 nc: 34 ncall:1.8e+04 eff:15.9% logz-
ratio=272.41+/-0.10 dlogz:19.057>0.1]

2911it [21:16,  1.17s/it, bound:0 nc: 32 ncall:1.8e+04 eff:15.9% logz-
ratio=272.43+/-0.10 dlogz:19.042>0.1]

2912it [21:17,  1.16s/it, bound:0 nc: 21 ncall:1.8e+04 eff:15.9% logz-
ratio=272.44+/-0.10 dlogz:19.026>0.1]

2913it [21:17,  1.11it/s, bound:0 nc:  5 ncall:1.8e+04 eff:15.9% logz-
ratio=272.46+/-0.10 dlogz:19.011>0.1]

2914it [21:19,  1.29s/it, bound:0 nc: 40 ncall:1.8e+04 eff:15.8% logz-
ratio=272.47+/-0.10 dlogz:18.996>0.1]
```

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2915it [21:20,  1.00s/it, bound:0 nc:  6 ncall:1.8e+04 eff:15.8% logz-
ratio=272.48+/-0.10 dlogz:18.982>0.1]

2916it [21:20,  1.09it/s, bound:0 nc: 13 ncall:1.8e+04 eff:15.8% logz-
ratio=272.50+/-0.10 dlogz:18.967>0.1]

2917it [21:21,  1.13it/s, bound:0 nc: 15 ncall:1.8e+04 eff:15.8% logz-
ratio=272.51+/-0.10 dlogz:18.952>0.1]

2918it [21:22,  1.17it/s, bound:0 nc: 14 ncall:1.8e+04 eff:15.8% logz-
ratio=272.53+/-0.10 dlogz:18.937>0.1]

2919it [21:23,  1.34it/s, bound:0 nc:  9 ncall:1.8e+04 eff:15.8% logz-
ratio=272.54+/-0.10 dlogz:18.922>0.1]

2920it [21:25,  1.16s/it, bound:0 nc: 39 ncall:1.8e+04 eff:15.8% logz-
ratio=272.55+/-0.10 dlogz:18.907>0.1]

2921it [21:27,  1.53s/it, bound:0 nc: 44 ncall:1.9e+04 eff:15.8% logz-
ratio=272.57+/-0.10 dlogz:18.892>0.1]

2922it [21:28,  1.29s/it, bound:0 nc: 13 ncall:1.9e+04 eff:15.7% logz-
ratio=272.58+/-0.10 dlogz:18.877>0.1]

2923it [21:29,  1.24s/it, bound:0 nc: 28 ncall:1.9e+04 eff:15.7% logz-
ratio=272.60+/-0.10 dlogz:18.862>0.1]

2924it [21:29,  1.03it/s, bound:0 nc: 15 ncall:1.9e+04 eff:15.7% logz-
ratio=272.61+/-0.10 dlogz:18.847>0.1]

2925it [21:30,  1.27it/s, bound:0 nc: 15 ncall:1.9e+04 eff:15.7% logz-
ratio=272.62+/-0.10 dlogz:18.832>0.1]

2926it [21:30,  1.54it/s, bound:0 nc: 13 ncall:1.9e+04 eff:15.7% logz-
ratio=272.64+/-0.10 dlogz:18.818>0.1]

2927it [21:32,  1.08it/s, bound:0 nc: 44 ncall:1.9e+04 eff:15.7% logz-
ratio=272.65+/-0.10 dlogz:18.803>0.1]

2928it [21:32,  1.10it/s, bound:0 nc: 16 ncall:1.9e+04 eff:15.7% logz-
ratio=272.66+/-0.10 dlogz:18.788>0.1]

2929it [21:33,  1.24it/s, bound:0 nc: 10 ncall:1.9e+04 eff:15.7% logz-
ratio=272.68+/-0.10 dlogz:18.773>0.1]

2930it [21:35,  1.28s/it, bound:0 nc: 44 ncall:1.9e+04 eff:15.6% logz-
ratio=272.69+/-0.10 dlogz:18.759>0.1]
```

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2931it [21:36,  1.05s/it, bound:0 nc:  9 ncall:1.9e+04 eff:15.6% logz-
ratio=272.70+/-0.10 dlogz:18.744>0.1]

2932it [21:37,  1.03s/it, bound:0 nc: 18 ncall:1.9e+04 eff:15.6% logz-
ratio=272.72+/-0.10 dlogz:18.730>0.1]

2933it [21:37,  1.17it/s, bound:0 nc: 18 ncall:1.9e+04 eff:15.6% logz-
ratio=272.73+/-0.10 dlogz:18.716>0.1]

2934it [21:37,  1.56it/s, bound:0 nc:  6 ncall:1.9e+04 eff:15.6% logz-
ratio=272.75+/-0.10 dlogz:18.701>0.1]

2935it [21:38,  1.88it/s, bound:0 nc: 11 ncall:1.9e+04 eff:15.6% logz-
ratio=272.76+/-0.10 dlogz:18.686>0.1]

2936it [21:38,  2.42it/s, bound:0 nc:  6 ncall:1.9e+04 eff:15.6% logz-
ratio=272.77+/-0.10 dlogz:18.671>0.1]

2938it [21:38,  2.68it/s, bound:0 nc: 21 ncall:1.9e+04 eff:15.6% logz-
ratio=272.80+/-0.10 dlogz:18.641>0.1]

2939it [21:40,  1.23it/s, bound:0 nc: 44 ncall:1.9e+04 eff:15.6% logz-
ratio=272.82+/-0.10 dlogz:18.625>0.1]

2940it [21:41,  1.56it/s, bound:0 nc:  4 ncall:1.9e+04 eff:15.6% logz-
ratio=272.83+/-0.10 dlogz:18.610>0.1]

2941it [21:41,  1.44it/s, bound:0 nc: 25 ncall:1.9e+04 eff:15.6% logz-
ratio=272.85+/-0.10 dlogz:18.594>0.1]

2942it [21:42,  1.86it/s, bound:0 nc:  8 ncall:1.9e+04 eff:15.6% logz-
ratio=272.86+/-0.10 dlogz:18.578>0.1]

2943it [21:42,  2.30it/s, bound:0 nc:  8 ncall:1.9e+04 eff:15.6% logz-
ratio=272.88+/-0.10 dlogz:18.562>0.1]

2944it [21:42,  2.23it/s, bound:0 nc: 20 ncall:1.9e+04 eff:15.5% logz-
ratio=272.89+/-0.10 dlogz:18.547>0.1]

2945it [21:42,  2.62it/s, bound:0 nc:  9 ncall:1.9e+04 eff:15.5% logz-
ratio=272.90+/-0.10 dlogz:18.531>0.1]

2946it [21:43,  2.80it/s, bound:0 nc: 12 ncall:1.9e+04 eff:15.5% logz-
ratio=272.92+/-0.10 dlogz:18.516>0.1]

2947it [21:43,  2.18it/s, bound:0 nc: 16 ncall:1.9e+04 eff:15.5% logz-
ratio=272.93+/-0.10 dlogz:18.500>0.1]
```

```
2948it [21:45,  1.37it/s, bound:0 nc: 25 ncall:1.9e+04 eff:15.5% logz-
ratio=272.95+/-0.10 dlogz:18.485>0.1]

2949it [21:45,  1.59it/s, bound:0 nc:  7 ncall:1.9e+04 eff:15.5% logz-
ratio=272.96+/-0.10 dlogz:18.470>0.1]

2950it [21:45,  2.03it/s, bound:0 nc:  3 ncall:1.9e+04 eff:15.5% logz-
ratio=272.98+/-0.10 dlogz:18.455>0.1]

2951it [21:48,  1.09s/it, bound:0 nc: 65 ncall:1.9e+04 eff:15.5% logz-
ratio=272.99+/-0.10 dlogz:18.440>0.1]

2952it [21:48,  1.21it/s, bound:0 nc:  8 ncall:1.9e+04 eff:15.5% logz-
ratio=273.00+/-0.10 dlogz:18.425>0.1]

2953it [21:48,  1.45it/s, bound:0 nc: 15 ncall:1.9e+04 eff:15.5% logz-
ratio=273.02+/-0.10 dlogz:18.409>0.1]

2954it [21:49,  1.91it/s, bound:0 nc:  5 ncall:1.9e+04 eff:15.5% logz-
ratio=273.03+/-0.10 dlogz:18.395>0.1]

2955it [21:49,  2.22it/s, bound:0 nc: 11 ncall:1.9e+04 eff:15.5% logz-
ratio=273.05+/-0.10 dlogz:18.379>0.1]

2956it [21:49,  2.89it/s, bound:0 nc:  4 ncall:1.9e+04 eff:15.5% logz-
ratio=273.06+/-0.10 dlogz:18.364>0.1]

2957it [21:50,  2.39it/s, bound:0 nc: 13 ncall:1.9e+04 eff:15.5% logz-
ratio=273.07+/-0.10 dlogz:18.349>0.1]

2958it [21:50,  2.71it/s, bound:0 nc:  1 ncall:1.9e+04 eff:15.5% logz-
ratio=273.09+/-0.10 dlogz:18.334>0.1]

2959it [21:51,  1.58it/s, bound:0 nc: 23 ncall:1.9e+04 eff:15.4% logz-
ratio=273.10+/-0.10 dlogz:18.319>0.1]

2960it [21:51,  1.96it/s, bound:0 nc:  7 ncall:1.9e+04 eff:15.4% logz-
ratio=273.12+/-0.10 dlogz:18.304>0.1]

2961it [21:52,  1.58it/s, bound:0 nc: 40 ncall:1.9e+04 eff:15.4% logz-
ratio=273.13+/-0.10 dlogz:18.289>0.1]

2963it [21:52,  2.06it/s, bound:0 nc:  8 ncall:1.9e+04 eff:15.4% logz-
ratio=273.16+/-0.10 dlogz:18.260>0.1]

2964it [21:53,  2.04it/s, bound:0 nc: 20 ncall:1.9e+04 eff:15.4% logz-
ratio=273.17+/-0.10 dlogz:18.245>0.1]
```

2966it [21:54, 1.98it/s, bound:0 nc: 20 ncall:1.9e+04 eff:15.4% logz-ratio=273.20+/-0.10 dlogz:18.216>0.1]

2967it [21:55, 1.33it/s, bound:0 nc: 31 ncall:1.9e+04 eff:15.4% logz-ratio=273.21+/-0.10 dlogz:18.202>0.1]

2968it [21:56, 1.68it/s, bound:0 nc: 10 ncall:1.9e+04 eff:15.4% logz-ratio=273.22+/-0.10 dlogz:18.188>0.1]

2969it [21:56, 1.79it/s, bound:0 nc: 19 ncall:1.9e+04 eff:15.4% logz-ratio=273.24+/-0.10 dlogz:18.173>0.1]

2970it [21:56, 2.34it/s, bound:0 nc: 5 ncall:1.9e+04 eff:15.4% logz-ratio=273.25+/-0.10 dlogz:18.159>0.1]

2971it [21:56, 2.89it/s, bound:0 nc: 6 ncall:1.9e+04 eff:15.4% logz-ratio=273.26+/-0.10 dlogz:18.145>0.1]

2972it [21:56, 3.52it/s, bound:0 nc: 5 ncall:1.9e+04 eff:15.4% logz-ratio=273.28+/-0.10 dlogz:18.131>0.1]

2973it [21:58, 1.53it/s, bound:0 nc: 39 ncall:1.9e+04 eff:15.3% logz-ratio=273.29+/-0.10 dlogz:18.117>0.1]

2974it [22:02, 1.58s/it, bound:0 nc: 68 ncall:1.9e+04 eff:15.3% logz-ratio=273.30+/-0.10 dlogz:18.103>0.1]

2975it [22:02, 1.16s/it, bound:0 nc: 3 ncall:1.9e+04 eff:15.3% logz-ratio=273.32+/-0.10 dlogz:18.089>0.1]

2976it [22:03, 1.28s/it, bound:0 nc: 29 ncall:1.9e+04 eff:15.3% logz-ratio=273.33+/-0.10 dlogz:18.075>0.1]

2977it [22:04, 1.13s/it, bound:0 nc: 14 ncall:1.9e+04 eff:15.3% logz-ratio=273.34+/-0.10 dlogz:18.061>0.1]

2979it [22:05, 1.20it/s, bound:0 nc: 4 ncall:1.9e+04 eff:15.3% logz-ratio=273.37+/-0.10 dlogz:18.034>0.1]

2980it [22:06, 1.10it/s, bound:0 nc: 20 ncall:2.0e+04 eff:15.3% logz-ratio=273.38+/-0.10 dlogz:18.020>0.1]

2981it [22:07, 1.02it/s, bound:0 nc: 21 ncall:2.0e+04 eff:15.3% logz-ratio=273.39+/-0.10 dlogz:18.007>0.1]

2982it [22:08, 1.14s/it, bound:0 nc: 46 ncall:2.0e+04 eff:15.2% logz-ratio=273.40+/-0.10 dlogz:17.993>0.1]

```
2983it [22:08,  1.18it/s, bound:0 nc:  6 ncall:2.0e+04 eff:15.2% logz-
ratio=273.42+/-0.10 dlogz:17.980>0.1]

2984it [22:09,  1.47it/s, bound:0 nc: 12 ncall:2.0e+04 eff:15.2% logz-
ratio=273.43+/-0.10 dlogz:17.967>0.1]

2985it [22:09,  1.96it/s, bound:0 nc:  4 ncall:2.0e+04 eff:15.2% logz-
ratio=273.44+/-0.10 dlogz:17.954>0.1]

2986it [22:09,  2.25it/s, bound:0 nc: 12 ncall:2.0e+04 eff:15.2% logz-
ratio=273.45+/-0.10 dlogz:17.941>0.1]

2987it [22:09,  2.39it/s, bound:0 nc: 14 ncall:2.0e+04 eff:15.2% logz-
ratio=273.46+/-0.10 dlogz:17.928>0.1]

2988it [22:10,  2.87it/s, bound:0 nc:  8 ncall:2.0e+04 eff:15.2% logz-
ratio=273.48+/-0.10 dlogz:17.914>0.1]

2989it [22:12,  1.08it/s, bound:0 nc: 80 ncall:2.0e+04 eff:15.2% logz-
ratio=273.49+/-0.10 dlogz:17.901>0.1]

2990it [22:14,  1.17s/it, bound:0 nc: 32 ncall:2.0e+04 eff:15.1% logz-
ratio=273.50+/-0.10 dlogz:17.888>0.1]

2991it [22:14,  1.03s/it, bound:0 nc: 13 ncall:2.0e+04 eff:15.1% logz-
ratio=273.51+/-0.10 dlogz:17.875>0.1]

2992it [22:16,  1.21s/it, bound:0 nc: 30 ncall:2.0e+04 eff:15.1% logz-
ratio=273.52+/-0.10 dlogz:17.862>0.1]

2993it [22:18,  1.36s/it, bound:0 nc: 31 ncall:2.0e+04 eff:15.1% logz-
ratio=273.54+/-0.10 dlogz:17.849>0.1]

2995it [22:18,  1.05s/it, bound:0 nc: 11 ncall:2.0e+04 eff:15.1% logz-
ratio=273.56+/-0.10 dlogz:17.824>0.1]

2996it [22:19,  1.05it/s, bound:0 nc: 13 ncall:2.0e+04 eff:15.1% logz-
ratio=273.57+/-0.10 dlogz:17.811>0.1]

2997it [22:19,  1.30it/s, bound:0 nc:  6 ncall:2.0e+04 eff:15.1% logz-
ratio=273.58+/-0.10 dlogz:17.798>0.1]

2998it [22:20,  1.27it/s, bound:0 nc: 27 ncall:2.0e+04 eff:15.1% logz-
ratio=273.59+/-0.10 dlogz:17.786>0.1]

2999it [22:20,  1.70it/s, bound:0 nc:  5 ncall:2.0e+04 eff:15.1% logz-
ratio=273.61+/-0.10 dlogz:17.773>0.1]
```

```
3000it [22:21,  1.82it/s, bound:0 nc: 19 ncall:2.0e+04 eff:15.1% logz-
ratio=273.62+/-0.10 dlogz:17.761>0.1]

3001it [22:21,  2.27it/s, bound:0 nc:  7 ncall:2.0e+04 eff:15.1% logz-
ratio=273.63+/-0.10 dlogz:17.748>0.1]

3002it [22:21,  2.66it/s, bound:0 nc:  9 ncall:2.0e+04 eff:15.1% logz-
ratio=273.64+/-0.10 dlogz:17.736>0.1]

3003it [22:22,  2.63it/s, bound:0 nc: 15 ncall:2.0e+04 eff:15.1% logz-
ratio=273.65+/-0.10 dlogz:17.723>0.1]

3004it [22:23,  1.50it/s, bound:0 nc: 27 ncall:2.0e+04 eff:15.1% logz-
ratio=273.66+/-0.10 dlogz:17.711>0.1]

3005it [22:25,  1.03it/s, bound:0 nc: 31 ncall:2.0e+04 eff:15.0% logz-
ratio=273.67+/-0.10 dlogz:17.699>0.1]

3006it [22:26,  1.02s/it, bound:0 nc: 21 ncall:2.0e+04 eff:15.0% logz-
ratio=273.68+/-0.10 dlogz:17.687>0.1]

3007it [22:28,  1.35s/it, bound:0 nc: 39 ncall:2.0e+04 eff:15.0% logz-
ratio=273.70+/-0.10 dlogz:17.675>0.1]

3008it [22:28,  1.01s/it, bound:0 nc:  4 ncall:2.0e+04 eff:15.0% logz-
ratio=273.71+/-0.10 dlogz:17.663>0.1]

3009it [22:30,  1.38s/it, bound:0 nc: 85 ncall:2.0e+04 eff:14.9% logz-
ratio=273.72+/-0.10 dlogz:17.651>0.1]
17:02 bilby INFO    : Written checkpoint file short1/GW150914_1_resume.pickle


3010it [22:51,  7.04s/it, bound:0 nc: 21 ncall:2.0e+04 eff:14.9% logz-
ratio=273.73+/-0.10 dlogz:17.638>0.1]

3012it [22:52,  5.10s/it, bound:0 nc: 35 ncall:2.0e+04 eff:14.9% logz-
ratio=273.75+/-0.10 dlogz:17.614>0.1]

3013it [22:53,  3.82s/it, bound:0 nc: 34 ncall:2.0e+04 eff:14.9% logz-
ratio=273.76+/-0.10 dlogz:17.602>0.1]

3015it [22:53,  2.73s/it, bound:0 nc: 12 ncall:2.0e+04 eff:14.9% logz-
ratio=273.79+/-0.10 dlogz:17.577>0.1]

3016it [22:54,  2.31s/it, bound:0 nc: 29 ncall:2.0e+04 eff:14.9% logz-
ratio=273.80+/-0.10 dlogz:17.565>0.1]
```

```
3017it [22:55,  1.67s/it, bound:0 nc:  3 ncall:2.0e+04 eff:14.9% logz-
ratio=273.81+/-0.10 dlogz:17.552>0.1]

3018it [22:55,  1.31s/it, bound:0 nc:  8 ncall:2.0e+04 eff:14.9% logz-
ratio=273.82+/-0.10 dlogz:17.540>0.1]

3019it [22:58,  1.76s/it, bound:0 nc: 63 ncall:2.0e+04 eff:14.8% logz-
ratio=273.83+/-0.10 dlogz:17.528>0.1]

3020it [22:59,  1.50s/it, bound:0 nc: 37 ncall:2.0e+04 eff:14.8% logz-
ratio=273.84+/-0.10 dlogz:17.515>0.1]

3021it [23:00,  1.35s/it, bound:0 nc: 32 ncall:2.0e+04 eff:14.8% logz-
ratio=273.85+/-0.10 dlogz:17.503>0.1]

3022it [23:03,  2.02s/it, bound:0 nc: 66 ncall:2.0e+04 eff:14.8% logz-
ratio=273.87+/-0.10 dlogz:17.490>0.1]

3023it [23:04,  1.70s/it, bound:0 nc: 36 ncall:2.1e+04 eff:14.7% logz-
ratio=273.88+/-0.10 dlogz:17.478>0.1]

3024it [23:05,  1.43s/it, bound:0 nc: 33 ncall:2.1e+04 eff:14.7% logz-
ratio=273.89+/-0.10 dlogz:17.465>0.1]

3025it [23:06,  1.26s/it, bound:0 nc: 25 ncall:2.1e+04 eff:14.7% logz-
ratio=273.90+/-0.10 dlogz:17.453>0.1]

3026it [23:07,  1.19s/it, bound:0 nc: 19 ncall:2.1e+04 eff:14.7% logz-
ratio=273.91+/-0.10 dlogz:17.441>0.1]

3027it [23:08,  1.04s/it, bound:0 nc: 13 ncall:2.1e+04 eff:14.7% logz-
ratio=273.92+/-0.10 dlogz:17.428>0.1]

3028it [23:08,  1.14it/s, bound:0 nc: 23 ncall:2.1e+04 eff:14.7% logz-
ratio=273.94+/-0.10 dlogz:17.415>0.1]

3029it [23:08,  1.37it/s, bound:0 nc: 16 ncall:2.1e+04 eff:14.7% logz-
ratio=273.95+/-0.10 dlogz:17.402>0.1]

3030it [23:09,  1.64it/s, bound:0 nc: 13 ncall:2.1e+04 eff:14.7% logz-
ratio=273.96+/-0.10 dlogz:17.389>0.1]

3031it [23:09,  1.93it/s, bound:0 nc: 12 ncall:2.1e+04 eff:14.7% logz-
ratio=273.97+/-0.10 dlogz:17.377>0.1]

3033it [23:10,  2.01it/s, bound:0 nc: 22 ncall:2.1e+04 eff:14.7% logz-
ratio=273.99+/-0.10 dlogz:17.352>0.1]
```

3034it [23:10, 2.12it/s, bound:0 nc: 7 ncall:2.1e+04 eff:14.7% logz-ratio=274.01+/-0.10 dlogz:17.339>0.1]

3036it [23:12, 1.63it/s, bound:0 nc: 34 ncall:2.1e+04 eff:14.6% logz-ratio=274.03+/-0.10 dlogz:17.314>0.1]

3037it [23:13, 1.77it/s, bound:0 nc: 8 ncall:2.1e+04 eff:14.6% logz-ratio=274.04+/-0.10 dlogz:17.301>0.1]

3038it [23:14, 1.32it/s, bound:0 nc: 31 ncall:2.1e+04 eff:14.6% logz-ratio=274.05+/-0.10 dlogz:17.289>0.1]

3039it [23:16, 1.13s/it, bound:0 nc: 76 ncall:2.1e+04 eff:14.6% logz-ratio=274.06+/-0.10 dlogz:17.276>0.1]

3040it [23:17, 1.01it/s, bound:0 nc: 12 ncall:2.1e+04 eff:14.6% logz-ratio=274.08+/-0.10 dlogz:17.263>0.1]

3041it [23:17, 1.28it/s, bound:0 nc: 5 ncall:2.1e+04 eff:14.6% logz-ratio=274.09+/-0.10 dlogz:17.250>0.1]

3042it [23:17, 1.40it/s, bound:0 nc: 10 ncall:2.1e+04 eff:14.6% logz-ratio=274.10+/-0.10 dlogz:17.236>0.1]

3043it [23:18, 1.61it/s, bound:0 nc: 14 ncall:2.1e+04 eff:14.6% logz-ratio=274.11+/-0.10 dlogz:17.222>0.1]

3044it [23:18, 1.80it/s, bound:0 nc: 18 ncall:2.1e+04 eff:14.6% logz-ratio=274.13+/-0.10 dlogz:17.209>0.1]

3045it [23:18, 2.34it/s, bound:0 nc: 5 ncall:2.1e+04 eff:14.6% logz-ratio=274.14+/-0.10 dlogz:17.195>0.1]

3046it [23:20, 1.16it/s, bound:0 nc: 61 ncall:2.1e+04 eff:14.5% logz-ratio=274.15+/-0.10 dlogz:17.182>0.1]

3047it [23:20, 1.56it/s, bound:0 nc: 2 ncall:2.1e+04 eff:14.5% logz-ratio=274.16+/-0.10 dlogz:17.168>0.1]

3048it [23:21, 1.86it/s, bound:0 nc: 5 ncall:2.1e+04 eff:14.5% logz-ratio=274.18+/-0.10 dlogz:17.155>0.1]

3049it [23:25, 1.69s/it, bound:0 nc: 81 ncall:2.1e+04 eff:14.5% logz-ratio=274.19+/-0.10 dlogz:17.142>0.1]

3050it [23:26, 1.38s/it, bound:0 nc: 12 ncall:2.1e+04 eff:14.5% logz-ratio=274.20+/-0.10 dlogz:17.129>0.1]

```
3051it [23:27,  1.32s/it, bound:0 nc: 48 ncall:2.1e+04 eff:14.4% logz-
ratio=274.21+/-0.10 dlogz:17.116>0.1]

3052it [23:27,  1.07s/it, bound:0 nc: 18 ncall:2.1e+04 eff:14.4% logz-
ratio=274.22+/-0.10 dlogz:17.103>0.1]

3053it [23:28,  1.19it/s, bound:0 nc:  9 ncall:2.1e+04 eff:14.4% logz-
ratio=274.24+/-0.10 dlogz:17.090>0.1]

3054it [23:29,  1.06s/it, bound:0 nc: 30 ncall:2.1e+04 eff:14.4% logz-
ratio=274.25+/-0.10 dlogz:17.077>0.1]

3055it [23:29,  1.29it/s, bound:0 nc:  2 ncall:2.1e+04 eff:14.4% logz-
ratio=274.26+/-0.10 dlogz:17.064>0.1]

3056it [23:30,  1.47it/s, bound:0 nc:  8 ncall:2.1e+04 eff:14.4% logz-
ratio=274.27+/-0.10 dlogz:17.052>0.1]

3057it [23:30,  1.79it/s, bound:0 nc:  5 ncall:2.1e+04 eff:14.4% logz-
ratio=274.28+/-0.10 dlogz:17.039>0.1]

3058it [23:31,  1.65it/s, bound:0 nc: 13 ncall:2.1e+04 eff:14.4% logz-
ratio=274.29+/-0.10 dlogz:17.027>0.1]

3060it [23:32,  1.53it/s, bound:0 nc: 37 ncall:2.1e+04 eff:14.4% logz-
ratio=274.32+/-0.10 dlogz:17.001>0.1]

3061it [23:33,  1.81it/s, bound:0 nc: 14 ncall:2.1e+04 eff:14.4% logz-
ratio=274.33+/-0.10 dlogz:16.988>0.1]

3063it [23:34,  1.71it/s, bound:0 nc: 51 ncall:2.1e+04 eff:14.4% logz-
ratio=274.35+/-0.10 dlogz:16.962>0.1]

3064it [23:38,  1.45s/it, bound:0 nc: 64 ncall:2.1e+04 eff:14.3% logz-
ratio=274.36+/-0.10 dlogz:16.950>0.1]

3065it [23:39,  1.43s/it, bound:0 nc: 25 ncall:2.1e+04 eff:14.3% logz-
ratio=274.38+/-0.10 dlogz:16.937>0.1]

3066it [23:39,  1.13s/it, bound:0 nc:  8 ncall:2.1e+04 eff:14.3% logz-
ratio=274.39+/-0.10 dlogz:16.924>0.1]

3067it [23:40,  1.06it/s, bound:0 nc:  9 ncall:2.1e+04 eff:14.3% logz-
ratio=274.40+/-0.10 dlogz:16.911>0.1]

3068it [23:41,  1.11s/it, bound:0 nc: 54 ncall:2.1e+04 eff:14.3% logz-
ratio=274.41+/-0.10 dlogz:16.898>0.1]
```

```
3069it [23:42,  1.01it/s, bound:0 nc: 29 ncall:2.2e+04 eff:14.3% logz-
ratio=274.42+/-0.10 dlogz:16.885>0.1]

3070it [23:42,  1.30it/s, bound:0 nc:  8 ncall:2.2e+04 eff:14.3% logz-
ratio=274.44+/-0.10 dlogz:16.873>0.1]

3071it [23:46,  1.59s/it, bound:0 nc: 65 ncall:2.2e+04 eff:14.2% logz-
ratio=274.45+/-0.10 dlogz:16.860>0.1]

3072it [23:46,  1.15s/it, bound:0 nc:  2 ncall:2.2e+04 eff:14.2% logz-
ratio=274.46+/-0.10 dlogz:16.847>0.1]

3073it [23:47,  1.04s/it, bound:0 nc: 21 ncall:2.2e+04 eff:14.2% logz-
ratio=274.47+/-0.10 dlogz:16.834>0.1]

3075it [23:48,  1.15it/s, bound:0 nc: 37 ncall:2.2e+04 eff:14.2% logz-
ratio=274.49+/-0.10 dlogz:16.809>0.1]

3076it [23:48,  1.55it/s, bound:0 nc:  4 ncall:2.2e+04 eff:14.2% logz-
ratio=274.51+/-0.10 dlogz:16.796>0.1]

3077it [23:48,  2.04it/s, bound:0 nc:  5 ncall:2.2e+04 eff:14.2% logz-
ratio=274.52+/-0.10 dlogz:16.783>0.1]

3079it [23:48,  2.46it/s, bound:0 nc: 15 ncall:2.2e+04 eff:14.2% logz-
ratio=274.54+/-0.10 dlogz:16.756>0.1]

3080it [23:49,  2.36it/s, bound:0 nc:  9 ncall:2.2e+04 eff:14.2% logz-
ratio=274.56+/-0.10 dlogz:16.743>0.1]

3081it [23:52,  1.31s/it, bound:0 nc: 62 ncall:2.2e+04 eff:14.2% logz-
ratio=274.57+/-0.10 dlogz:16.730>0.1]

3082it [23:52,  1.00s/it, bound:0 nc:  5 ncall:2.2e+04 eff:14.2% logz-
ratio=274.58+/-0.10 dlogz:16.717>0.1]

3083it [23:54,  1.20s/it, bound:0 nc: 68 ncall:2.2e+04 eff:14.1% logz-
ratio=274.59+/-0.10 dlogz:16.703>0.1]

3084it [23:55,  1.14s/it, bound:0 nc: 27 ncall:2.2e+04 eff:14.1% logz-
ratio=274.61+/-0.10 dlogz:16.689>0.1]

3085it [23:59,  2.09s/it, bound:0 nc: 99 ncall:2.2e+04 eff:14.1% logz-
ratio=274.62+/-0.10 dlogz:16.676>0.1]

3086it [24:00,  1.58s/it, bound:0 nc: 15 ncall:2.2e+04 eff:14.1% logz-
ratio=274.63+/-0.10 dlogz:16.663>0.1]
```

```
3087it [24:01,  1.51s/it, bound:0 nc: 43 ncall:2.2e+04 eff:14.0% logz-
ratio=274.64+/-0.10 dlogz:16.649>0.1]


3088it [24:02,  1.27s/it, bound:0 nc: 13 ncall:2.2e+04 eff:14.0% logz-
ratio=274.66+/-0.10 dlogz:16.636>0.1]


3089it [24:03,  1.17s/it, bound:0 nc: 17 ncall:2.2e+04 eff:14.0% logz-
ratio=274.67+/-0.10 dlogz:16.622>0.1]


3090it [24:04,  1.07s/it, bound:0 nc: 15 ncall:2.2e+04 eff:14.0% logz-
ratio=274.68+/-0.10 dlogz:16.608>0.1]


3091it [24:05,  1.09s/it, bound:0 nc: 21 ncall:2.2e+04 eff:14.0% logz-
ratio=274.69+/-0.10 dlogz:16.594>0.1]


3092it [24:05,  1.25it/s, bound:0 nc:  2 ncall:2.2e+04 eff:14.0% logz-
ratio=274.71+/-0.10 dlogz:16.580>0.1]


3093it [24:07,  1.25s/it, bound:0 nc: 42 ncall:2.2e+04 eff:14.0% logz-
ratio=274.72+/-0.10 dlogz:16.566>0.1]


3094it [24:07,  1.10it/s, bound:0 nc:  2 ncall:2.2e+04 eff:14.0% logz-
ratio=274.73+/-0.10 dlogz:16.552>0.1]


3095it [24:09,  1.13s/it, bound:0 nc: 30 ncall:2.2e+04 eff:14.0% logz-
ratio=274.75+/-0.10 dlogz:16.539>0.1]


3096it [24:09,  1.10it/s, bound:0 nc: 14 ncall:2.2e+04 eff:14.0% logz-
ratio=274.76+/-0.10 dlogz:16.525>0.1]


3097it [24:10,  1.31it/s, bound:0 nc: 15 ncall:2.2e+04 eff:14.0% logz-
ratio=274.77+/-0.10 dlogz:16.511>0.1]


3098it [24:10,  1.60it/s, bound:0 nc: 12 ncall:2.2e+04 eff:14.0% logz-
ratio=274.78+/-0.10 dlogz:16.497>0.1]


3099it [24:11,  1.39it/s, bound:0 nc: 39 ncall:2.2e+04 eff:14.0% logz-
ratio=274.80+/-0.10 dlogz:16.484>0.1]


3100it [24:11,  1.60it/s, bound:0 nc:  7 ncall:2.2e+04 eff:14.0% logz-
ratio=274.81+/-0.10 dlogz:16.470>0.1]


3101it [24:13,  1.10it/s, bound:0 nc: 29 ncall:2.2e+04 eff:13.9% logz-
ratio=274.82+/-0.10 dlogz:16.456>0.1]


3102it [24:14,  1.25it/s, bound:0 nc: 10 ncall:2.2e+04 eff:13.9% logz-
ratio=274.83+/-0.10 dlogz:16.443>0.1]
```

```
3103it [24:15,  1.17it/s, bound:0 nc: 18 ncall:2.2e+04 eff:13.9% logz-
ratio=274.85+/-0.10 dlogz:16.429>0.1]

3104it [24:15,  1.46it/s, bound:0 nc:  5 ncall:2.2e+04 eff:13.9% logz-
ratio=274.86+/-0.10 dlogz:16.415>0.1]

3105it [24:16,  1.21it/s, bound:0 nc: 41 ncall:2.2e+04 eff:13.9% logz-
ratio=274.87+/-0.10 dlogz:16.402>0.1]

3106it [24:16,  1.59it/s, bound:0 nc:  6 ncall:2.2e+04 eff:13.9% logz-
ratio=274.88+/-0.10 dlogz:16.388>0.1]

3107it [24:16,  2.09it/s, bound:0 nc:  5 ncall:2.2e+04 eff:13.9% logz-
ratio=274.90+/-0.10 dlogz:16.375>0.1]

3109it [24:16,  2.82it/s, bound:0 nc:  2 ncall:2.2e+04 eff:13.9% logz-
ratio=274.92+/-0.10 dlogz:16.348>0.1]

3112it [24:17,  3.75it/s, bound:0 nc:  5 ncall:2.2e+04 eff:13.9% logz-
ratio=274.96+/-0.10 dlogz:16.309>0.1]

3114it [24:18,  3.06it/s, bound:0 nc: 29 ncall:2.2e+04 eff:13.9% logz-
ratio=274.98+/-0.10 dlogz:16.283>0.1]

3115it [24:18,  3.03it/s, bound:0 nc:  6 ncall:2.2e+04 eff:13.9% logz-
ratio=274.99+/-0.10 dlogz:16.270>0.1]

3116it [24:18,  3.01it/s, bound:0 nc:  6 ncall:2.2e+04 eff:13.9% logz-
ratio=275.01+/-0.10 dlogz:16.257>0.1]

3117it [24:20,  1.36it/s, bound:0 nc: 47 ncall:2.2e+04 eff:13.9% logz-
ratio=275.02+/-0.10 dlogz:16.244>0.1]

3118it [24:22,  1.20s/it, bound:0 nc: 71 ncall:2.3e+04 eff:13.9% logz-
ratio=275.03+/-0.10 dlogz:16.231>0.1]

3119it [24:23,  1.15s/it, bound:0 nc: 19 ncall:2.3e+04 eff:13.8% logz-
ratio=275.04+/-0.10 dlogz:16.219>0.1]

3120it [24:24,  1.07s/it, bound:0 nc: 16 ncall:2.3e+04 eff:13.8% logz-
ratio=275.05+/-0.10 dlogz:16.206>0.1]

3121it [24:25,  1.03s/it, bound:0 nc: 17 ncall:2.3e+04 eff:13.8% logz-
ratio=275.06+/-0.10 dlogz:16.193>0.1]

3122it [24:26,  1.09s/it, bound:0 nc: 45 ncall:2.3e+04 eff:13.8% logz-
ratio=275.08+/-0.10 dlogz:16.181>0.1]
```

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3123it [24:27,  1.15it/s, bound:0 nc: 14 ncall:2.3e+04 eff:13.8% logz-
ratio=275.09+/-0.10 dlogz:16.168>0.1]

3124it [24:27,  1.24it/s, bound:0 nc: 27 ncall:2.3e+04 eff:13.8% logz-
ratio=275.10+/-0.10 dlogz:16.155>0.1]

3125it [24:28,  1.33it/s, bound:0 nc: 12 ncall:2.3e+04 eff:13.8% logz-
ratio=275.11+/-0.10 dlogz:16.143>0.1]

3126it [24:28,  1.45it/s, bound:0 nc: 10 ncall:2.3e+04 eff:13.8% logz-
ratio=275.12+/-0.10 dlogz:16.130>0.1]

3128it [24:30,  1.36it/s, bound:0 nc: 30 ncall:2.3e+04 eff:13.8% logz-
ratio=275.14+/-0.10 dlogz:16.106>0.1]

3129it [24:30,  1.81it/s, bound:0 nc:  2 ncall:2.3e+04 eff:13.8% logz-
ratio=275.16+/-0.10 dlogz:16.093>0.1]

3130it [24:31,  1.50it/s, bound:0 nc: 17 ncall:2.3e+04 eff:13.8% logz-
ratio=275.17+/-0.10 dlogz:16.081>0.1]

3131it [24:32,  1.39it/s, bound:0 nc: 29 ncall:2.3e+04 eff:13.8% logz-
ratio=275.18+/-0.10 dlogz:16.068>0.1]

3132it [24:33,  1.26it/s, bound:0 nc: 40 ncall:2.3e+04 eff:13.7% logz-
ratio=275.19+/-0.10 dlogz:16.056>0.1]

3133it [24:33,  1.70it/s, bound:0 nc:  4 ncall:2.3e+04 eff:13.7% logz-
ratio=275.20+/-0.10 dlogz:16.043>0.1]

3135it [24:34,  1.80it/s, bound:0 nc: 25 ncall:2.3e+04 eff:13.7% logz-
ratio=275.22+/-0.10 dlogz:16.019>0.1]

3136it [24:36,  1.07it/s, bound:0 nc: 33 ncall:2.3e+04 eff:13.7% logz-
ratio=275.24+/-0.10 dlogz:16.007>0.1]

3137it [24:38,  1.22s/it, bound:0 nc: 37 ncall:2.3e+04 eff:13.7% logz-
ratio=275.25+/-0.10 dlogz:15.994>0.1]

3138it [24:38,  1.13it/s, bound:0 nc:  5 ncall:2.3e+04 eff:13.7% logz-
ratio=275.26+/-0.10 dlogz:15.982>0.1]

3139it [24:38,  1.42it/s, bound:0 nc: 13 ncall:2.3e+04 eff:13.7% logz-
ratio=275.27+/-0.10 dlogz:15.970>0.1]

3140it [24:38,  1.68it/s, bound:0 nc: 14 ncall:2.3e+04 eff:13.7% logz-
ratio=275.28+/-0.10 dlogz:15.957>0.1]
```

```
3141it [24:40,  1.37it/s, bound:0 nc: 41 ncall:2.3e+04 eff:13.7% logz-
ratio=275.29+/-0.10 dlogz:15.945>0.1]

3142it [24:42,  1.36s/it, bound:0 nc: 53 ncall:2.3e+04 eff:13.7% logz-
ratio=275.30+/-0.10 dlogz:15.933>0.1]

3143it [24:43,  1.22s/it, bound:0 nc: 16 ncall:2.3e+04 eff:13.6% logz-
ratio=275.31+/-0.10 dlogz:15.920>0.1]

3144it [24:46,  1.63s/it, bound:0 nc: 46 ncall:2.3e+04 eff:13.6% logz-
ratio=275.33+/-0.10 dlogz:15.908>0.1]

3145it [24:46,  1.29s/it, bound:0 nc:  9 ncall:2.3e+04 eff:13.6% logz-
ratio=275.34+/-0.10 dlogz:15.895>0.1]

3146it [24:47,  1.00s/it, bound:0 nc:  6 ncall:2.3e+04 eff:13.6% logz-
ratio=275.35+/-0.10 dlogz:15.883>0.1]

3147it [24:49,  1.47s/it, bound:0 nc: 47 ncall:2.3e+04 eff:13.6% logz-
ratio=275.36+/-0.10 dlogz:15.871>0.1]

3148it [24:50,  1.29s/it, bound:0 nc: 16 ncall:2.3e+04 eff:13.6% logz-
ratio=275.37+/-0.10 dlogz:15.858>0.1]

3149it [24:50,  1.04it/s, bound:0 nc:  3 ncall:2.3e+04 eff:13.6% logz-
ratio=275.38+/-0.10 dlogz:15.846>0.1]

3150it [24:52,  1.10s/it, bound:0 nc: 60 ncall:2.3e+04 eff:13.6% logz-
ratio=275.39+/-0.10 dlogz:15.833>0.1]

3151it [24:52,  1.01it/s, bound:0 nc: 21 ncall:2.3e+04 eff:13.6% logz-
ratio=275.41+/-0.10 dlogz:15.821>0.1]

3152it [24:53,  1.19it/s, bound:0 nc:  9 ncall:2.3e+04 eff:13.6% logz-
ratio=275.42+/-0.10 dlogz:15.809>0.1]

3153it [24:53,  1.35it/s, bound:0 nc:  9 ncall:2.3e+04 eff:13.6% logz-
ratio=275.43+/-0.10 dlogz:15.796>0.1]

3154it [24:55,  1.12it/s, bound:0 nc: 23 ncall:2.3e+04 eff:13.5% logz-
ratio=275.44+/-0.10 dlogz:15.784>0.1]

3155it [24:56,  1.04s/it, bound:0 nc: 25 ncall:2.3e+04 eff:13.5% logz-
ratio=275.45+/-0.10 dlogz:15.772>0.1]

3156it [24:58,  1.36s/it, bound:0 nc: 37 ncall:2.3e+04 eff:13.5% logz-
ratio=275.46+/-0.10 dlogz:15.759>0.1]
```

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3157it [24:59,  1.25s/it, bound:0 nc: 16 ncall:2.3e+04 eff:13.5% logz-
ratio=275.47+/-0.10 dlogz:15.747>0.1]

3158it [25:03,  2.00s/it, bound:0 nc: 74 ncall:2.3e+04 eff:13.5% logz-
ratio=275.49+/-0.10 dlogz:15.735>0.1]

3159it [25:03,  1.51s/it, bound:0 nc: 16 ncall:2.3e+04 eff:13.5% logz-
ratio=275.50+/-0.10 dlogz:15.723>0.1]

3160it [25:04,  1.15s/it, bound:0 nc: 12 ncall:2.3e+04 eff:13.5% logz-
ratio=275.51+/-0.10 dlogz:15.710>0.1]

3161it [25:04,  1.07it/s, bound:0 nc: 18 ncall:2.3e+04 eff:13.5% logz-
ratio=275.52+/-0.10 dlogz:15.698>0.1]

3162it [25:04,  1.37it/s, bound:0 nc: 10 ncall:2.3e+04 eff:13.5% logz-
ratio=275.53+/-0.10 dlogz:15.685>0.1]

3163it [25:04,  1.75it/s, bound:0 nc:  8 ncall:2.3e+04 eff:13.5% logz-
ratio=275.54+/-0.10 dlogz:15.673>0.1]

3164it [25:07,  1.13s/it, bound:0 nc: 53 ncall:2.4e+04 eff:13.4% logz-
ratio=275.55+/-0.10 dlogz:15.660>0.1]

3165it [25:07,  1.20it/s, bound:0 nc:  6 ncall:2.4e+04 eff:13.4% logz-
ratio=275.56+/-0.10 dlogz:15.648>0.1]

3167it [25:07,  1.59it/s, bound:0 nc: 11 ncall:2.4e+04 eff:13.4% logz-
ratio=275.59+/-0.10 dlogz:15.623>0.1]

3168it [25:08,  1.69it/s, bound:0 nc: 21 ncall:2.4e+04 eff:13.4% logz-
ratio=275.60+/-0.10 dlogz:15.610>0.1]

3169it [25:08,  1.81it/s, bound:0 nc: 19 ncall:2.4e+04 eff:13.4% logz-
ratio=275.61+/-0.10 dlogz:15.597>0.1]

3170it [25:09,  2.24it/s, bound:0 nc:  8 ncall:2.4e+04 eff:13.4% logz-
ratio=275.62+/-0.10 dlogz:15.584>0.1]

3171it [25:09,  2.50it/s, bound:0 nc:  7 ncall:2.4e+04 eff:13.4% logz-
ratio=275.64+/-0.10 dlogz:15.571>0.1]

3172it [25:11,  1.07it/s, bound:0 nc: 40 ncall:2.4e+04 eff:13.4% logz-
ratio=275.65+/-0.10 dlogz:15.557>0.1]

3173it [25:12,  1.05s/it, bound:0 nc: 24 ncall:2.4e+04 eff:13.4% logz-
ratio=275.66+/-0.10 dlogz:15.544>0.1]
```

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3175it [25:13,  1.15it/s, bound:0 nc: 28 ncall:2.4e+04 eff:13.4% logz-
ratio=275.69+/-0.10 dlogz:15.517>0.1]

3176it [25:15,  1.03s/it, bound:0 nc: 61 ncall:2.4e+04 eff:13.4% logz-
ratio=275.70+/-0.10 dlogz:15.504>0.1]

3177it [25:18,  1.74s/it, bound:0 nc: 95 ncall:2.4e+04 eff:13.3% logz-
ratio=275.71+/-0.10 dlogz:15.491>0.1]

3178it [25:19,  1.58s/it, bound:0 nc: 38 ncall:2.4e+04 eff:13.3% logz-
ratio=275.72+/-0.10 dlogz:15.478>0.1]

3179it [25:20,  1.27s/it, bound:0 nc: 10 ncall:2.4e+04 eff:13.3% logz-
ratio=275.73+/-0.10 dlogz:15.465>0.1]

3181it [25:20,  1.03it/s, bound:0 nc:  8 ncall:2.4e+04 eff:13.3% logz-
ratio=275.76+/-0.10 dlogz:15.440>0.1]

3182it [25:21,  1.28it/s, bound:0 nc:  6 ncall:2.4e+04 eff:13.3% logz-
ratio=275.77+/-0.10 dlogz:15.427>0.1]

3183it [25:22,  1.20it/s, bound:0 nc: 38 ncall:2.4e+04 eff:13.3% logz-
ratio=275.78+/-0.10 dlogz:15.414>0.1]

3184it [25:22,  1.43it/s, bound:0 nc: 16 ncall:2.4e+04 eff:13.3% logz-
ratio=275.79+/-0.10 dlogz:15.402>0.1]

3185it [25:22,  1.84it/s, bound:0 nc:  7 ncall:2.4e+04 eff:13.3% logz-
ratio=275.80+/-0.10 dlogz:15.389>0.1]

3187it [25:22,  2.45it/s, bound:0 nc:  6 ncall:2.4e+04 eff:13.3% logz-
ratio=275.83+/-0.10 dlogz:15.364>0.1]

3188it [25:24,  1.31it/s, bound:0 nc: 38 ncall:2.4e+04 eff:13.3% logz-
ratio=275.84+/-0.10 dlogz:15.352>0.1]

3189it [25:25,  1.14it/s, bound:0 nc: 21 ncall:2.4e+04 eff:13.3% logz-
ratio=275.85+/-0.10 dlogz:15.340>0.1]

3190it [25:25,  1.37it/s, bound:0 nc:  7 ncall:2.4e+04 eff:13.3% logz-
ratio=275.86+/-0.10 dlogz:15.328>0.1]

3191it [25:27,  1.03it/s, bound:0 nc: 29 ncall:2.4e+04 eff:13.2% logz-
ratio=275.87+/-0.10 dlogz:15.316>0.1]

3192it [25:27,  1.23it/s, bound:0 nc: 21 ncall:2.4e+04 eff:13.2% logz-
ratio=275.88+/-0.10 dlogz:15.304>0.1]
```

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3193it [25:28,  1.25it/s, bound:0 nc: 33 ncall:2.4e+04 eff:13.2% logz-
ratio=275.89+/-0.10 dlogz:15.291>0.1]

3194it [25:28,  1.64it/s, bound:0 nc:  6 ncall:2.4e+04 eff:13.2% logz-
ratio=275.90+/-0.10 dlogz:15.279>0.1]

3195it [25:32,  1.43s/it, bound:0 nc: 91 ncall:2.4e+04 eff:13.2% logz-
ratio=275.92+/-0.10 dlogz:15.267>0.1]

3196it [25:32,  1.18s/it, bound:0 nc: 26 ncall:2.4e+04 eff:13.2% logz-
ratio=275.93+/-0.10 dlogz:15.255>0.1]

3197it [25:32,  1.16it/s, bound:0 nc:  4 ncall:2.4e+04 eff:13.2% logz-
ratio=275.94+/-0.10 dlogz:15.244>0.1]

3198it [25:34,  1.05it/s, bound:0 nc: 31 ncall:2.4e+04 eff:13.2% logz-
ratio=275.95+/-0.10 dlogz:15.232>0.1]

3199it [25:37,  1.63s/it, bound:0 nc:105 ncall:2.4e+04 eff:13.1% logz-
ratio=275.96+/-0.10 dlogz:15.220>0.1]

3200it [25:38,  1.39s/it, bound:0 nc: 34 ncall:2.4e+04 eff:13.1% logz-
ratio=275.97+/-0.10 dlogz:15.208>0.1]

3201it [25:38,  1.03s/it, bound:0 nc:  7 ncall:2.4e+04 eff:13.1% logz-
ratio=275.98+/-0.10 dlogz:15.197>0.1]

3202it [25:38,  1.27it/s, bound:0 nc:  9 ncall:2.4e+04 eff:13.1% logz-
ratio=275.99+/-0.10 dlogz:15.185>0.1]

3203it [25:38,  1.66it/s, bound:0 nc:  6 ncall:2.4e+04 eff:13.1% logz-
ratio=276.00+/-0.10 dlogz:15.174>0.1]

3205it [25:40,  1.46it/s, bound:0 nc: 42 ncall:2.5e+04 eff:13.1% logz-
ratio=276.02+/-0.10 dlogz:15.150>0.1]

3206it [25:41,  1.59it/s, bound:0 nc:  9 ncall:2.5e+04 eff:13.1% logz-
ratio=276.03+/-0.10 dlogz:15.139>0.1]

3207it [25:43,  1.16s/it, bound:0 nc: 44 ncall:2.5e+04 eff:13.1% logz-
ratio=276.04+/-0.10 dlogz:15.127>0.1]

3208it [25:43,  1.17it/s, bound:0 nc:  3 ncall:2.5e+04 eff:13.1% logz-
ratio=276.05+/-0.10 dlogz:15.116>0.1]

3209it [25:43,  1.56it/s, bound:0 nc:  7 ncall:2.5e+04 eff:13.1% logz-
ratio=276.06+/-0.10 dlogz:15.105>0.1]
```

3210it [25:43, 1.87it/s, bound:0 nc: 13 ncall:2.5e+04 eff:13.1% logz-ratio=276.07+/-0.10 dlogz:15.093>0.1]

3211it [25:44, 1.82it/s, bound:0 nc: 24 ncall:2.5e+04 eff:13.0% logz-ratio=276.08+/-0.10 dlogz:15.082>0.1]

3212it [25:44, 2.23it/s, bound:0 nc: 8 ncall:2.5e+04 eff:13.0% logz-ratio=276.09+/-0.10 dlogz:15.071>0.1]

3213it [25:45, 1.53it/s, bound:0 nc: 35 ncall:2.5e+04 eff:13.0% logz-ratio=276.10+/-0.10 dlogz:15.060>0.1]

3214it [25:47, 1.20it/s, bound:0 nc: 23 ncall:2.5e+04 eff:13.0% logz-ratio=276.11+/-0.10 dlogz:15.049>0.1]

3215it [25:47, 1.29it/s, bound:0 nc: 20 ncall:2.5e+04 eff:13.0% logz-ratio=276.12+/-0.10 dlogz:15.038>0.1]

3216it [25:49, 1.01it/s, bound:0 nc: 62 ncall:2.5e+04 eff:13.0% logz-ratio=276.13+/-0.10 dlogz:15.027>0.1]

3217it [25:53, 2.03s/it, bound:0 nc: 88 ncall:2.5e+04 eff:12.9% logz-ratio=276.14+/-0.10 dlogz:15.017>0.1]

3218it [25:54, 1.55s/it, bound:0 nc: 19 ncall:2.5e+04 eff:12.9% logz-ratio=276.15+/-0.10 dlogz:15.006>0.1]

3219it [25:54, 1.21s/it, bound:0 nc: 18 ncall:2.5e+04 eff:12.9% logz-ratio=276.16+/-0.10 dlogz:14.995>0.1]

3220it [25:56, 1.33s/it, bound:0 nc: 53 ncall:2.5e+04 eff:12.9% logz-ratio=276.17+/-0.10 dlogz:14.983>0.1]

3221it [25:58, 1.48s/it, bound:0 nc: 45 ncall:2.5e+04 eff:12.9% logz-ratio=276.18+/-0.10 dlogz:14.972>0.1]

3222it [26:00, 1.71s/it, bound:0 nc: 78 ncall:2.5e+04 eff:12.9% logz-ratio=276.19+/-0.10 dlogz:14.961>0.1]

3223it [26:01, 1.62s/it, bound:0 nc: 26 ncall:2.5e+04 eff:12.8% logz-ratio=276.21+/-0.10 dlogz:14.949>0.1]

3224it [26:02, 1.49s/it, bound:0 nc: 53 ncall:2.5e+04 eff:12.8% logz-ratio=276.22+/-0.10 dlogz:14.938>0.1]

3225it [26:03, 1.15s/it, bound:0 nc: 15 ncall:2.5e+04 eff:12.8% logz-ratio=276.23+/-0.10 dlogz:14.926>0.1]

```
3226it [26:05,  1.36s/it, bound:0 nc: 42 ncall:2.5e+04 eff:12.8% logz-
ratio=276.24+/-0.10 dlogz:14.914>0.1]

3227it [26:05,  1.09s/it, bound:0 nc:  5 ncall:2.5e+04 eff:12.8% logz-
ratio=276.25+/-0.10 dlogz:14.902>0.1]

3229it [26:05,  1.22it/s, bound:0 nc: 13 ncall:2.5e+04 eff:12.8% logz-
ratio=276.27+/-0.10 dlogz:14.879>0.1]

3230it [26:06,  1.12it/s, bound:0 nc: 47 ncall:2.5e+04 eff:12.8% logz-
ratio=276.28+/-0.10 dlogz:14.868>0.1]

3231it [26:07,  1.32it/s, bound:0 nc: 18 ncall:2.5e+04 eff:12.8% logz-
ratio=276.29+/-0.10 dlogz:14.856>0.1]

3232it [26:07,  1.45it/s, bound:0 nc: 13 ncall:2.5e+04 eff:12.8% logz-
ratio=276.30+/-0.10 dlogz:14.844>0.1]

3233it [26:08,  1.71it/s, bound:0 nc:  6 ncall:2.5e+04 eff:12.8% logz-
ratio=276.31+/-0.10 dlogz:14.832>0.1]

3234it [26:10,  1.16s/it, bound:0 nc: 74 ncall:2.5e+04 eff:12.7% logz-
ratio=276.32+/-0.10 dlogz:14.820>0.1]

3235it [26:12,  1.37s/it, bound:0 nc: 53 ncall:2.5e+04 eff:12.7% logz-
ratio=276.33+/-0.10 dlogz:14.808>0.1]

3236it [26:12,  1.05s/it, bound:0 nc:  5 ncall:2.5e+04 eff:12.7% logz-
ratio=276.35+/-0.10 dlogz:14.796>0.1]

3237it [26:14,  1.27s/it, bound:0 nc: 61 ncall:2.5e+04 eff:12.7% logz-
ratio=276.36+/-0.10 dlogz:14.784>0.1]

3239it [26:15,  1.07s/it, bound:0 nc: 42 ncall:2.6e+04 eff:12.7% logz-
ratio=276.38+/-0.10 dlogz:14.760>0.1]

3240it [26:18,  1.59s/it, bound:0 nc: 80 ncall:2.6e+04 eff:12.6% logz-
ratio=276.39+/-0.10 dlogz:14.748>0.1]

3241it [26:19,  1.21s/it, bound:0 nc: 13 ncall:2.6e+04 eff:12.6% logz-
ratio=276.40+/-0.10 dlogz:14.736>0.1]

3242it [26:20,  1.24s/it, bound:0 nc: 36 ncall:2.6e+04 eff:12.6% logz-
ratio=276.41+/-0.10 dlogz:14.725>0.1]

3243it [26:23,  1.73s/it, bound:0 nc: 94 ncall:2.6e+04 eff:12.6% logz-
ratio=276.42+/-0.10 dlogz:14.713>0.1]
```

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3244it [26:23,  1.29s/it, bound:0 nc: 10 ncall:2.6e+04 eff:12.6% logz-
ratio=276.43+/-0.10 dlogz:14.701>0.1]

3245it [26:25,  1.39s/it, bound:0 nc: 31 ncall:2.6e+04 eff:12.6% logz-
ratio=276.44+/-0.10 dlogz:14.689>0.1]

3246it [26:27,  1.62s/it, bound:0 nc: 80 ncall:2.6e+04 eff:12.5% logz-
ratio=276.45+/-0.10 dlogz:14.678>0.1]

3247it [26:27,  1.31s/it, bound:0 nc: 18 ncall:2.6e+04 eff:12.5% logz-
ratio=276.46+/-0.10 dlogz:14.666>0.1]

3248it [26:29,  1.51s/it, bound:0 nc: 41 ncall:2.6e+04 eff:12.5% logz-
ratio=276.47+/-0.10 dlogz:14.654>0.1]

3249it [26:30,  1.24s/it, bound:0 nc: 27 ncall:2.6e+04 eff:12.5% logz-
ratio=276.49+/-0.10 dlogz:14.643>0.1]

3250it [26:31,  1.07s/it, bound:0 nc: 28 ncall:2.6e+04 eff:12.5% logz-
ratio=276.50+/-0.10 dlogz:14.631>0.1]

3251it [26:31,  1.28it/s, bound:0 nc:  4 ncall:2.6e+04 eff:12.5% logz-
ratio=276.51+/-0.10 dlogz:14.620>0.1]

3252it [26:31,  1.65it/s, bound:0 nc:  8 ncall:2.6e+04 eff:12.5% logz-
ratio=276.52+/-0.10 dlogz:14.608>0.1]

3253it [26:31,  1.77it/s, bound:0 nc: 12 ncall:2.6e+04 eff:12.5% logz-
ratio=276.53+/-0.10 dlogz:14.596>0.1]

3254it [26:32,  1.83it/s, bound:0 nc:  9 ncall:2.6e+04 eff:12.5% logz-
ratio=276.54+/-0.10 dlogz:14.585>0.1]

3255it [26:34,  1.18it/s, bound:0 nc: 36 ncall:2.6e+04 eff:12.5% logz-
ratio=276.55+/-0.10 dlogz:14.573>0.1]

3256it [26:34,  1.34it/s, bound:0 nc: 23 ncall:2.6e+04 eff:12.5% logz-
ratio=276.56+/-0.10 dlogz:14.562>0.1]

3257it [26:34,  1.58it/s, bound:0 nc: 15 ncall:2.6e+04 eff:12.5% logz-
ratio=276.57+/-0.10 dlogz:14.550>0.1]

3259it [26:35,  2.16it/s, bound:0 nc:  4 ncall:2.6e+04 eff:12.5% logz-
ratio=276.59+/-0.10 dlogz:14.528>0.1]

3260it [26:35,  1.64it/s, bound:0 nc: 33 ncall:2.6e+04 eff:12.5% logz-
ratio=276.60+/-0.10 dlogz:14.517>0.1]
```

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3261it [26:36,  1.73it/s, bound:0 nc:  9 ncall:2.6e+04 eff:12.5% logz-
ratio=276.61+/-0.10 dlogz:14.505>0.1]

3262it [26:37,  1.50it/s, bound:0 nc: 16 ncall:2.6e+04 eff:12.5% logz-
ratio=276.62+/-0.10 dlogz:14.494>0.1]

3263it [26:37,  1.92it/s, bound:0 nc:  3 ncall:2.6e+04 eff:12.5% logz-
ratio=276.63+/-0.10 dlogz:14.483>0.1]

3264it [26:38,  1.86it/s, bound:0 nc: 20 ncall:2.6e+04 eff:12.5% logz-
ratio=276.64+/-0.10 dlogz:14.471>0.1]

3265it [26:38,  2.08it/s, bound:0 nc: 16 ncall:2.6e+04 eff:12.5% logz-
ratio=276.65+/-0.10 dlogz:14.460>0.1]

3266it [26:38,  2.33it/s, bound:0 nc: 10 ncall:2.6e+04 eff:12.5% logz-
ratio=276.66+/-0.10 dlogz:14.449>0.1]

3267it [26:39,  2.65it/s, bound:0 nc: 11 ncall:2.6e+04 eff:12.5% logz-
ratio=276.67+/-0.10 dlogz:14.438>0.1]

3268it [26:39,  2.41it/s, bound:0 nc: 21 ncall:2.6e+04 eff:12.5% logz-
ratio=276.68+/-0.10 dlogz:14.427>0.1]

3269it [26:40,  2.20it/s, bound:0 nc: 13 ncall:2.6e+04 eff:12.5% logz-
ratio=276.69+/-0.10 dlogz:14.416>0.1]

3270it [26:41,  1.16it/s, bound:0 nc: 36 ncall:2.6e+04 eff:12.4% logz-
ratio=276.70+/-0.10 dlogz:14.405>0.1]

3271it [26:42,  1.10it/s, bound:0 nc: 46 ncall:2.6e+04 eff:12.4% logz-
ratio=276.71+/-0.10 dlogz:14.394>0.1]

3272it [26:43,  1.47it/s, bound:0 nc:  6 ncall:2.6e+04 eff:12.4% logz-
ratio=276.72+/-0.10 dlogz:14.384>0.1]

3273it [26:43,  1.81it/s, bound:0 nc: 10 ncall:2.6e+04 eff:12.4% logz-
ratio=276.73+/-0.10 dlogz:14.373>0.1]

3275it [26:43,  2.37it/s, bound:0 nc:  6 ncall:2.6e+04 eff:12.4% logz-
ratio=276.75+/-0.10 dlogz:14.351>0.1]

3276it [26:46,  1.16s/it, bound:0 nc: 55 ncall:2.6e+04 eff:12.4% logz-
ratio=276.76+/-0.10 dlogz:14.340>0.1]

3277it [26:50,  1.94s/it, bound:0 nc:118 ncall:2.7e+04 eff:12.3% logz-
ratio=276.77+/-0.10 dlogz:14.329>0.1]
```

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3278it [26:50,  1.41s/it, bound:0 nc:  3 ncall:2.7e+04 eff:12.4% logz-
ratio=276.78+/-0.10 dlogz:14.318>0.1]

3279it [26:51,  1.41s/it, bound:0 nc: 26 ncall:2.7e+04 eff:12.3% logz-
ratio=276.79+/-0.10 dlogz:14.308>0.1]

3281it [26:53,  1.21s/it, bound:0 nc: 62 ncall:2.7e+04 eff:12.3% logz-
ratio=276.81+/-0.10 dlogz:14.286>0.1]

3282it [26:53,  1.14it/s, bound:0 nc:  4 ncall:2.7e+04 eff:12.3% logz-
ratio=276.82+/-0.10 dlogz:14.276>0.1]

3283it [26:56,  1.44s/it, bound:0 nc: 66 ncall:2.7e+04 eff:12.3% logz-
ratio=276.83+/-0.10 dlogz:14.265>0.1]

3284it [26:56,  1.13s/it, bound:0 nc: 20 ncall:2.7e+04 eff:12.3% logz-
ratio=276.84+/-0.10 dlogz:14.255>0.1]

3285it [26:56,  1.16it/s, bound:0 nc: 10 ncall:2.7e+04 eff:12.3% logz-
ratio=276.85+/-0.10 dlogz:14.244>0.1]

3286it [26:58,  1.06s/it, bound:0 nc: 54 ncall:2.7e+04 eff:12.3% logz-
ratio=276.86+/-0.10 dlogz:14.234>0.1]

3287it [27:00,  1.33s/it, bound:0 nc: 45 ncall:2.7e+04 eff:12.3% logz-
ratio=276.87+/-0.10 dlogz:14.223>0.1]

3289it [27:01,  1.05s/it, bound:0 nc: 35 ncall:2.7e+04 eff:12.2% logz-
ratio=276.88+/-0.10 dlogz:14.203>0.1]

3290it [27:03,  1.44s/it, bound:0 nc: 63 ncall:2.7e+04 eff:12.2% logz-
ratio=276.89+/-0.10 dlogz:14.193>0.1]

3291it [27:03,  1.08s/it, bound:0 nc:  4 ncall:2.7e+04 eff:12.2% logz-
ratio=276.90+/-0.10 dlogz:14.182>0.1]

3292it [27:06,  1.65s/it, bound:0 nc:105 ncall:2.7e+04 eff:12.2% logz-
ratio=276.91+/-0.10 dlogz:14.172>0.1]

3293it [27:08,  1.69s/it, bound:0 nc: 45 ncall:2.7e+04 eff:12.2% logz-
ratio=276.92+/-0.10 dlogz:14.162>0.1]

3294it [27:08,  1.35s/it, bound:0 nc: 25 ncall:2.7e+04 eff:12.2% logz-
ratio=276.93+/-0.10 dlogz:14.152>0.1]

3295it [27:12,  1.95s/it, bound:0 nc: 93 ncall:2.7e+04 eff:12.1% logz-
ratio=276.94+/-0.10 dlogz:14.142>0.1]
```

3296it [27:12, 1.42s/it, bound:0 nc: 8 ncall:2.7e+04 eff:12.1% logz-ratio=276.95+/-0.10 dlogz:14.132>0.1]

3297it [27:12, 1.07s/it, bound:0 nc: 8 ncall:2.7e+04 eff:12.1% logz-ratio=276.96+/-0.10 dlogz:14.122>0.1]

3298it [27:14, 1.17s/it, bound:0 nc: 54 ncall:2.7e+04 eff:12.1% logz-ratio=276.97+/-0.10 dlogz:14.112>0.1]

3299it [27:14, 1.14it/s, bound:0 nc: 3 ncall:2.7e+04 eff:12.1% logz-ratio=276.97+/-0.10 dlogz:14.102>0.1]

3301it [27:15, 1.32it/s, bound:0 nc: 17 ncall:2.7e+04 eff:12.1% logz-ratio=276.99+/-0.10 dlogz:14.082>0.1]

3302it [27:17, 1.25s/it, bound:0 nc: 89 ncall:2.7e+04 eff:12.1% logz-ratio=277.00+/-0.10 dlogz:14.073>0.1]

3303it [27:18, 1.00s/it, bound:0 nc: 13 ncall:2.7e+04 eff:12.1% logz-ratio=277.01+/-0.10 dlogz:14.063>0.1]

3304it [27:20, 1.40s/it, bound:0 nc: 57 ncall:2.7e+04 eff:12.0% logz-ratio=277.02+/-0.10 dlogz:14.053>0.1]

3305it [27:21, 1.29s/it, bound:0 nc: 45 ncall:2.7e+04 eff:12.0% logz-ratio=277.03+/-0.10 dlogz:14.043>0.1]

3306it [27:23, 1.62s/it, bound:0 nc: 54 ncall:2.8e+04 eff:12.0% logz-ratio=277.04+/-0.10 dlogz:14.034>0.1]

3307it [27:24, 1.29s/it, bound:0 nc: 22 ncall:2.8e+04 eff:12.0% logz-ratio=277.05+/-0.10 dlogz:14.024>0.1]

3308it [27:24, 1.04it/s, bound:0 nc: 8 ncall:2.8e+04 eff:12.0% logz-ratio=277.05+/-0.10 dlogz:14.013>0.1]

3309it [27:24, 1.33it/s, bound:0 nc: 11 ncall:2.8e+04 eff:12.0% logz-ratio=277.06+/-0.10 dlogz:14.003>0.1]

3310it [27:25, 1.60it/s, bound:0 nc: 14 ncall:2.8e+04 eff:12.0% logz-ratio=277.07+/-0.10 dlogz:13.993>0.1]

3311it [27:26, 1.36it/s, bound:0 nc: 36 ncall:2.8e+04 eff:12.0% logz-ratio=277.08+/-0.10 dlogz:13.983>0.1]

3312it [27:27, 1.08it/s, bound:0 nc: 25 ncall:2.8e+04 eff:12.0% logz-ratio=277.09+/-0.10 dlogz:13.973>0.1]

```
3313it [27:28,  1.15it/s, bound:0 nc: 22 ncall:2.8e+04 eff:12.0% logz-
ratio=277.10+/-0.10 dlogz:13.963>0.1]

3314it [27:28,  1.43it/s, bound:0 nc: 14 ncall:2.8e+04 eff:12.0% logz-
ratio=277.11+/-0.10 dlogz:13.953>0.1]

3316it [27:29,  1.63it/s, bound:0 nc: 32 ncall:2.8e+04 eff:12.0% logz-
ratio=277.13+/-0.10 dlogz:13.934>0.1]

3317it [27:29,  1.83it/s, bound:0 nc: 17 ncall:2.8e+04 eff:12.0% logz-
ratio=277.13+/-0.10 dlogz:13.924>0.1]

3318it [27:31,  1.11it/s, bound:0 nc: 34 ncall:2.8e+04 eff:11.9% logz-
ratio=277.14+/-0.10 dlogz:13.915>0.1]

3319it [27:33,  1.33s/it, bound:0 nc: 91 ncall:2.8e+04 eff:11.9% logz-
ratio=277.15+/-0.10 dlogz:13.905>0.1]

3321it [27:33,  1.05it/s, bound:0 nc:  1 ncall:2.8e+04 eff:11.9% logz-
ratio=277.17+/-0.10 dlogz:13.886>0.1]

3322it [27:36,  1.37s/it, bound:0 nc: 53 ncall:2.8e+04 eff:11.9% logz-
ratio=277.18+/-0.10 dlogz:13.876>0.1]

3323it [27:36,  1.02s/it, bound:0 nc:  8 ncall:2.8e+04 eff:11.9% logz-
ratio=277.19+/-0.10 dlogz:13.867>0.1]

3324it [27:38,  1.24s/it, bound:0 nc: 67 ncall:2.8e+04 eff:11.9% logz-
ratio=277.19+/-0.10 dlogz:13.857>0.1]

3325it [27:40,  1.40s/it, bound:0 nc: 34 ncall:2.8e+04 eff:11.9% logz-
ratio=277.20+/-0.10 dlogz:13.847>0.1]

3326it [27:40,  1.18s/it, bound:0 nc: 30 ncall:2.8e+04 eff:11.8% logz-
ratio=277.21+/-0.10 dlogz:13.838>0.1]

3327it [27:41,  1.16s/it, bound:0 nc: 47 ncall:2.8e+04 eff:11.8% logz-
ratio=277.22+/-0.10 dlogz:13.828>0.1]

3328it [27:45,  1.78s/it, bound:0 nc: 89 ncall:2.8e+04 eff:11.8% logz-
ratio=277.23+/-0.10 dlogz:13.819>0.1]

3329it [27:45,  1.33s/it, bound:0 nc:  9 ncall:2.8e+04 eff:11.8% logz-
ratio=277.24+/-0.10 dlogz:13.809>0.1]

3330it [27:47,  1.51s/it, bound:0 nc: 51 ncall:2.8e+04 eff:11.8% logz-
ratio=277.25+/-0.10 dlogz:13.800>0.1]
```

3331it [27:48, 1.36s/it, bound:0 nc: 25 ncall:2.8e+04 eff:11.8% logz-ratio=277.25+/-0.10 dlogz:13.790>0.1]

3332it [27:48, 1.02s/it, bound:0 nc: 11 ncall:2.8e+04 eff:11.8% logz-ratio=277.26+/-0.10 dlogz:13.781>0.1]

3333it [27:50, 1.40s/it, bound:0 nc: 78 ncall:2.8e+04 eff:11.7% logz-ratio=277.27+/-0.10 dlogz:13.771>0.1]

3334it [27:50, 1.03s/it, bound:0 nc: 3 ncall:2.8e+04 eff:11.7% logz-ratio=277.28+/-0.10 dlogz:13.762>0.1]

3335it [27:52, 1.08s/it, bound:0 nc: 24 ncall:2.8e+04 eff:11.7% logz-ratio=277.29+/-0.10 dlogz:13.752>0.1]

3336it [27:52, 1.09it/s, bound:0 nc: 26 ncall:2.8e+04 eff:11.7% logz-ratio=277.30+/-0.10 dlogz:13.743>0.1]

3337it [27:53, 1.16it/s, bound:0 nc: 31 ncall:2.8e+04 eff:11.7% logz-ratio=277.30+/-0.10 dlogz:13.734>0.1]

3338it [27:53, 1.45it/s, bound:0 nc: 12 ncall:2.8e+04 eff:11.7% logz-ratio=277.31+/-0.10 dlogz:13.724>0.1]

3339it [27:54, 1.44it/s, bound:0 nc: 19 ncall:2.8e+04 eff:11.7% logz-ratio=277.32+/-0.10 dlogz:13.715>0.1]

3340it [27:55, 1.11it/s, bound:0 nc: 23 ncall:2.9e+04 eff:11.7% logz-ratio=277.33+/-0.10 dlogz:13.706>0.1]

3341it [27:57, 1.25s/it, bound:0 nc: 36 ncall:2.9e+04 eff:11.7% logz-ratio=277.34+/-0.10 dlogz:13.696>0.1]

3342it [27:58, 1.02it/s, bound:0 nc: 6 ncall:2.9e+04 eff:11.7% logz-ratio=277.35+/-0.10 dlogz:13.687>0.1]

3343it [27:59, 1.17s/it, bound:0 nc: 62 ncall:2.9e+04 eff:11.7% logz-ratio=277.35+/-0.10 dlogz:13.678>0.1]

3344it [28:00, 1.02it/s, bound:0 nc: 15 ncall:2.9e+04 eff:11.7% logz-ratio=277.36+/-0.10 dlogz:13.668>0.1]

3346it [28:03, 1.11s/it, bound:0 nc: 80 ncall:2.9e+04 eff:11.7% logz-ratio=277.38+/-0.10 dlogz:13.650>0.1]

3347it [28:03, 1.11it/s, bound:0 nc: 17 ncall:2.9e+04 eff:11.6% logz-ratio=277.39+/-0.10 dlogz:13.640>0.1]

3348it [28:03, 1.40it/s, bound:0 nc: 12 ncall:2.9e+04 eff:11.6% logz-ratio=277.40+/-0.10 dlogz:13.631>0.1]

3349it [28:05, 1.05s/it, bound:0 nc: 38 ncall:2.9e+04 eff:11.6% logz-ratio=277.40+/-0.10 dlogz:13.622>0.1]

3350it [28:09, 1.78s/it, bound:0 nc:117 ncall:2.9e+04 eff:11.6% logz-ratio=277.41+/-0.10 dlogz:13.613>0.1]

3351it [28:11, 1.80s/it, bound:0 nc: 59 ncall:2.9e+04 eff:11.6% logz-ratio=277.42+/-0.10 dlogz:13.603>0.1]

3352it [28:11, 1.49s/it, bound:0 nc: 35 ncall:2.9e+04 eff:11.6% logz-ratio=277.43+/-0.10 dlogz:13.594>0.1]

3353it [28:14, 1.73s/it, bound:0 nc: 49 ncall:2.9e+04 eff:11.5% logz-ratio=277.44+/-0.10 dlogz:13.585>0.1]

3354it [28:18, 2.63s/it, bound:0 nc:156 ncall:2.9e+04 eff:11.5% logz-ratio=277.45+/-0.10 dlogz:13.576>0.1]

3355it [28:19, 1.94s/it, bound:0 nc: 15 ncall:2.9e+04 eff:11.5% logz-ratio=277.45+/-0.10 dlogz:13.566>0.1]

3356it [28:20, 1.71s/it, bound:0 nc: 43 ncall:2.9e+04 eff:11.5% logz-ratio=277.46+/-0.10 dlogz:13.557>0.1]

3357it [28:24, 2.37s/it, bound:0 nc: 60 ncall:2.9e+04 eff:11.4% logz-ratio=277.47+/-0.10 dlogz:13.548>0.1]

3358it [28:24, 1.70s/it, bound:0 nc: 2 ncall:2.9e+04 eff:11.5% logz-ratio=277.48+/-0.10 dlogz:13.539>0.1]

3359it [28:25, 1.38s/it, bound:0 nc: 10 ncall:2.9e+04 eff:11.5% logz-ratio=277.49+/-0.10 dlogz:13.530>0.1]

3360it [28:27, 1.66s/it, bound:0 nc: 59 ncall:2.9e+04 eff:11.4% logz-ratio=277.49+/-0.10 dlogz:13.520>0.1]

3361it [28:27, 1.23s/it, bound:0 nc: 8 ncall:2.9e+04 eff:11.4% logz-ratio=277.50+/-0.10 dlogz:13.511>0.1]

3363it [28:27, 1.14it/s, bound:0 nc: 2 ncall:2.9e+04 eff:11.4% logz-ratio=277.52+/-0.10 dlogz:13.493>0.1]

3365it [28:30, 1.02s/it, bound:0 nc: 56 ncall:2.9e+04 eff:11.4% logz-ratio=277.53+/-0.10 dlogz:13.475>0.1]

```
3366it [28:31,  1.08s/it, bound:0 nc: 46 ncall:3.0e+04 eff:11.4% logz-
ratio=277.54+/-0.10 dlogz:13.466>0.1]

3367it [28:34,  1.73s/it, bound:0 nc: 78 ncall:3.0e+04 eff:11.4% logz-
ratio=277.55+/-0.10 dlogz:13.457>0.1]

3368it [28:36,  1.56s/it, bound:0 nc: 43 ncall:3.0e+04 eff:11.4% logz-
ratio=277.56+/-0.10 dlogz:13.449>0.1]

3369it [28:36,  1.31s/it, bound:0 nc: 20 ncall:3.0e+04 eff:11.4% logz-
ratio=277.57+/-0.10 dlogz:13.440>0.1]

3370it [28:39,  1.68s/it, bound:0 nc: 41 ncall:3.0e+04 eff:11.3% logz-
ratio=277.57+/-0.10 dlogz:13.431>0.1]

3371it [28:40,  1.62s/it, bound:0 nc: 26 ncall:3.0e+04 eff:11.3% logz-
ratio=277.58+/-0.10 dlogz:13.422>0.1]

3372it [28:40,  1.18s/it, bound:0 nc:  7 ncall:3.0e+04 eff:11.3% logz-
ratio=277.59+/-0.10 dlogz:13.413>0.1]

3373it [28:41,  1.09it/s, bound:0 nc: 12 ncall:3.0e+04 eff:11.3% logz-
ratio=277.60+/-0.10 dlogz:13.403>0.1]

3374it [28:42,  1.11it/s, bound:0 nc: 31 ncall:3.0e+04 eff:11.3% logz-
ratio=277.61+/-0.10 dlogz:13.394>0.1]

3375it [28:48,  2.70s/it, bound:0 nc:119 ncall:3.0e+04 eff:11.3% logz-
ratio=277.61+/-0.10 dlogz:13.385>0.1]

3377it [28:50,  2.13s/it, bound:0 nc: 24 ncall:3.0e+04 eff:11.3% logz-
ratio=277.63+/-0.10 dlogz:13.367>0.1]

3378it [28:52,  1.93s/it, bound:0 nc: 23 ncall:3.0e+04 eff:11.3% logz-
ratio=277.64+/-0.10 dlogz:13.358>0.1]

3379it [28:54,  2.10s/it, bound:0 nc: 40 ncall:3.0e+04 eff:11.3% logz-
ratio=277.65+/-0.10 dlogz:13.348>0.1]

3380it [28:55,  1.81s/it, bound:0 nc: 18 ncall:3.0e+04 eff:11.3% logz-
ratio=277.66+/-0.10 dlogz:13.339>0.1]

3381it [28:57,  1.79s/it, bound:0 nc: 28 ncall:3.0e+04 eff:11.3% logz-
ratio=277.66+/-0.10 dlogz:13.330>0.1]

3382it [28:58,  1.72s/it, bound:0 nc: 25 ncall:3.0e+04 eff:11.3% logz-
ratio=277.67+/-0.10 dlogz:13.321>0.1]
```

3383it [28:59, 1.42s/it, bound:0 nc: 15 ncall:3.0e+04 eff:11.3% logz-ratio=277.68+/-0.10 dlogz:13.312>0.1]

3384it [29:00, 1.13s/it, bound:0 nc: 19 ncall:3.0e+04 eff:11.2% logz-ratio=277.69+/-0.10 dlogz:13.303>0.1]

3385it [29:01, 1.30s/it, bound:0 nc: 61 ncall:3.0e+04 eff:11.2% logz-ratio=277.70+/-0.10 dlogz:13.294>0.1]

3386it [29:02, 1.07s/it, bound:0 nc: 18 ncall:3.0e+04 eff:11.2% logz-ratio=277.70+/-0.10 dlogz:13.285>0.1]

3387it [29:05, 1.83s/it, bound:0 nc: 77 ncall:3.0e+04 eff:11.2% logz-ratio=277.71+/-0.10 dlogz:13.276>0.1]

3388it [29:08, 2.13s/it, bound:0 nc: 41 ncall:3.0e+04 eff:11.2% logz-ratio=277.72+/-0.10 dlogz:13.267>0.1]

3389it [29:10, 1.91s/it, bound:0 nc: 36 ncall:3.0e+04 eff:11.2% logz-ratio=277.73+/-0.10 dlogz:13.258>0.1]

3390it [29:10, 1.38s/it, bound:0 nc: 5 ncall:3.0e+04 eff:11.2% logz-ratio=277.74+/-0.10 dlogz:13.249>0.1]

3392it [29:11, 1.14s/it, bound:0 nc: 38 ncall:3.0e+04 eff:11.2% logz-ratio=277.75+/-0.09 dlogz:13.231>0.1]

3393it [29:12, 1.15s/it, bound:0 nc: 22 ncall:3.0e+04 eff:11.2% logz-ratio=277.76+/-0.09 dlogz:13.222>0.1]

3394it [29:12, 1.13it/s, bound:0 nc: 4 ncall:3.0e+04 eff:11.2% logz-ratio=277.77+/-0.09 dlogz:13.214>0.1]

3395it [29:13, 1.51it/s, bound:0 nc: 2 ncall:3.0e+04 eff:11.2% logz-ratio=277.77+/-0.09 dlogz:13.205>0.1]

3396it [29:14, 1.28it/s, bound:0 nc: 17 ncall:3.0e+04 eff:11.2% logz-ratio=277.78+/-0.09 dlogz:13.196>0.1]

3397it [29:15, 1.06s/it, bound:0 nc: 27 ncall:3.0e+04 eff:11.2% logz-ratio=277.79+/-0.09 dlogz:13.187>0.1]

3398it [29:16, 1.22it/s, bound:0 nc: 4 ncall:3.0e+04 eff:11.2% logz-ratio=277.80+/-0.09 dlogz:13.178>0.1]

3399it [29:16, 1.62it/s, bound:0 nc: 2 ncall:3.0e+04 eff:11.2% logz-ratio=277.81+/-0.09 dlogz:13.169>0.1]

```
3400it [29:16,  1.77it/s, bound:0 nc:  7 ncall:3.0e+04 eff:11.2% logz-
ratio=277.81+/-0.09 dlogz:13.161>0.1]

3401it [29:20,  1.63s/it, bound:0 nc: 66 ncall:3.1e+04 eff:11.1% logz-
ratio=277.82+/-0.09 dlogz:13.152>0.1]

3402it [29:21,  1.27s/it, bound:0 nc:  7 ncall:3.1e+04 eff:11.1% logz-
ratio=277.83+/-0.09 dlogz:13.143>0.1]

3403it [29:22,  1.27s/it, bound:0 nc: 20 ncall:3.1e+04 eff:11.1% logz-
ratio=277.84+/-0.09 dlogz:13.134>0.1]

3404it [29:23,  1.12s/it, bound:0 nc: 12 ncall:3.1e+04 eff:11.1% logz-
ratio=277.85+/-0.09 dlogz:13.125>0.1]

3405it [29:24,  1.01s/it, bound:0 nc: 12 ncall:3.1e+04 eff:11.1% logz-
ratio=277.85+/-0.09 dlogz:13.116>0.1]

3406it [29:24,  1.15it/s, bound:0 nc: 15 ncall:3.1e+04 eff:11.1% logz-
ratio=277.86+/-0.09 dlogz:13.107>0.1]

3407it [29:25,  1.01s/it, bound:0 nc: 50 ncall:3.1e+04 eff:11.1% logz-
ratio=277.87+/-0.09 dlogz:13.098>0.1]

3408it [29:30,  2.10s/it, bound:0 nc: 83 ncall:3.1e+04 eff:11.1% logz-
ratio=277.88+/-0.09 dlogz:13.090>0.1]

3410it [29:31,  1.56s/it, bound:0 nc: 24 ncall:3.1e+04 eff:11.1% logz-
ratio=277.89+/-0.09 dlogz:13.072>0.1]

3411it [29:31,  1.14s/it, bound:0 nc:  6 ncall:3.1e+04 eff:11.1% logz-
ratio=277.90+/-0.09 dlogz:13.063>0.1]

3412it [29:31,  1.20it/s, bound:0 nc:  4 ncall:3.1e+04 eff:11.1% logz-
ratio=277.91+/-0.09 dlogz:13.054>0.1]

3414it [29:32,  1.47it/s, bound:0 nc: 21 ncall:3.1e+04 eff:11.1% logz-
ratio=277.92+/-0.09 dlogz:13.036>0.1]

3415it [29:35,  1.54s/it, bound:0 nc: 60 ncall:3.1e+04 eff:11.1% logz-
ratio=277.93+/-0.09 dlogz:13.028>0.1]

3416it [29:36,  1.27s/it, bound:0 nc: 10 ncall:3.1e+04 eff:11.1% logz-
ratio=277.94+/-0.09 dlogz:13.019>0.1]

3417it [29:36,  1.00s/it, bound:0 nc:  6 ncall:3.1e+04 eff:11.1% logz-
ratio=277.95+/-0.09 dlogz:13.010>0.1]
```

```
3418it [29:37,  1.08it/s, bound:0 nc: 32 ncall:3.1e+04 eff:11.1% logz-
ratio=277.96+/-0.09 dlogz:13.001>0.1]

3419it [29:38,  1.07s/it, bound:0 nc: 45 ncall:3.1e+04 eff:11.1% logz-
ratio=277.96+/-0.09 dlogz:12.992>0.1]

3420it [29:41,  1.59s/it, bound:0 nc: 69 ncall:3.1e+04 eff:11.0% logz-
ratio=277.97+/-0.09 dlogz:12.983>0.1]

3421it [29:50,  3.92s/it, bound:0 nc:212 ncall:3.1e+04 eff:11.0% logz-
ratio=277.98+/-0.09 dlogz:12.974>0.1]

3422it [29:52,  3.33s/it, bound:0 nc: 31 ncall:3.1e+04 eff:11.0% logz-
ratio=277.99+/-0.09 dlogz:12.965>0.1]

3423it [29:53,  2.41s/it, bound:0 nc:  4 ncall:3.1e+04 eff:11.0% logz-
ratio=278.00+/-0.09 dlogz:12.956>0.1]

3424it [30:02,  4.37s/it, bound:0 nc:176 ncall:3.1e+04 eff:10.9% logz-
ratio=278.00+/-0.09 dlogz:12.947>0.1]

3425it [30:02,  3.31s/it, bound:0 nc: 11 ncall:3.1e+04 eff:10.9% logz-
ratio=278.01+/-0.09 dlogz:12.938>0.1]

3426it [30:08,  3.94s/it, bound:0 nc:103 ncall:3.2e+04 eff:10.9% logz-
ratio=278.02+/-0.09 dlogz:12.929>0.1]

3427it [30:09,  3.02s/it, bound:0 nc: 31 ncall:3.2e+04 eff:10.9% logz-
ratio=278.03+/-0.09 dlogz:12.920>0.1]

3428it [30:12,  2.98s/it, bound:0 nc: 50 ncall:3.2e+04 eff:10.8% logz-
ratio=278.04+/-0.09 dlogz:12.911>0.1]

3429it [30:12,  2.15s/it, bound:0 nc:  3 ncall:3.2e+04 eff:10.8% logz-
ratio=278.04+/-0.09 dlogz:12.903>0.1]

3430it [30:14,  2.16s/it, bound:0 nc: 56 ncall:3.2e+04 eff:10.8% logz-
ratio=278.05+/-0.09 dlogz:12.894>0.1]

3431it [30:16,  2.02s/it, bound:0 nc: 49 ncall:3.2e+04 eff:10.8% logz-
ratio=278.06+/-0.09 dlogz:12.885>0.1]

3432it [30:18,  1.99s/it, bound:0 nc: 31 ncall:3.2e+04 eff:10.8% logz-
ratio=278.07+/-0.09 dlogz:12.876>0.1]

3433it [30:18,  1.64s/it, bound:0 nc: 13 ncall:3.2e+04 eff:10.8% logz-
ratio=278.07+/-0.09 dlogz:12.867>0.1]
```

3434it [30:21, 1.89s/it, bound:0 nc: 75 ncall:3.2e+04 eff:10.8% logz-ratio=278.08+/-0.09 dlogz:12.859>0.1]

3435it [30:25, 2.70s/it, bound:0 nc: 81 ncall:3.2e+04 eff:10.8% logz-ratio=278.09+/-0.09 dlogz:12.850>0.1]

3436it [30:26, 2.09s/it, bound:0 nc: 26 ncall:3.2e+04 eff:10.8% logz-ratio=278.10+/-0.09 dlogz:12.841>0.1]

3437it [30:27, 1.76s/it, bound:0 nc: 36 ncall:3.2e+04 eff:10.7% logz-ratio=278.10+/-0.09 dlogz:12.833>0.1]

3439it [30:29, 1.50s/it, bound:0 nc: 30 ncall:3.2e+04 eff:10.7% logz-ratio=278.12+/-0.09 dlogz:12.815>0.1]

3440it [30:30, 1.36s/it, bound:0 nc: 16 ncall:3.2e+04 eff:10.7% logz-ratio=278.13+/-0.09 dlogz:12.807>0.1]

3441it [30:32, 1.45s/it, bound:0 nc: 29 ncall:3.2e+04 eff:10.7% logz-ratio=278.13+/-0.09 dlogz:12.798>0.1]

3442it [30:32, 1.15s/it, bound:0 nc: 19 ncall:3.2e+04 eff:10.7% logz-ratio=278.14+/-0.09 dlogz:12.790>0.1]

3443it [30:33, 1.06s/it, bound:0 nc: 33 ncall:3.2e+04 eff:10.7% logz-ratio=278.15+/-0.09 dlogz:12.781>0.1]

3445it [30:34, 1.08it/s, bound:0 nc: 30 ncall:3.2e+04 eff:10.7% logz-ratio=278.16+/-0.09 dlogz:12.765>0.1]

3446it [30:35, 1.31it/s, bound:0 nc: 6 ncall:3.2e+04 eff:10.7% logz-ratio=278.17+/-0.09 dlogz:12.756>0.1]

3447it [30:35, 1.30it/s, bound:0 nc: 12 ncall:3.2e+04 eff:10.7% logz-ratio=278.18+/-0.09 dlogz:12.748>0.1]

3448it [30:36, 1.62it/s, bound:0 nc: 4 ncall:3.2e+04 eff:10.7% logz-ratio=278.19+/-0.09 dlogz:12.739>0.1]

3449it [30:38, 1.10s/it, bound:0 nc: 35 ncall:3.2e+04 eff:10.7% logz-ratio=278.19+/-0.09 dlogz:12.731>0.1]

3450it [30:39, 1.04s/it, bound:0 nc: 14 ncall:3.2e+04 eff:10.7% logz-ratio=278.20+/-0.09 dlogz:12.722>0.1]

3452it [30:40, 1.16it/s, bound:0 nc: 13 ncall:3.2e+04 eff:10.7% logz-ratio=278.22+/-0.09 dlogz:12.706>0.1]

```
3453it [30:40,  1.45it/s, bound:0 nc:  7 ncall:3.2e+04 eff:10.7% logz-
ratio=278.22+/-0.09 dlogz:12.697>0.1]

3455it [30:41,  1.55it/s, bound:0 nc: 39 ncall:3.2e+04 eff:10.7% logz-
ratio=278.24+/-0.09 dlogz:12.681>0.1]

3456it [30:45,  1.53s/it, bound:0 nc: 68 ncall:3.2e+04 eff:10.7% logz-
ratio=278.25+/-0.09 dlogz:12.672>0.1]

3457it [30:47,  1.93s/it, bound:0 nc: 44 ncall:3.2e+04 eff:10.7% logz-
ratio=278.25+/-0.09 dlogz:12.664>0.1]

3458it [30:49,  1.80s/it, bound:0 nc: 46 ncall:3.2e+04 eff:10.7% logz-
ratio=278.26+/-0.09 dlogz:12.655>0.1]

3459it [30:49,  1.38s/it, bound:0 nc: 16 ncall:3.2e+04 eff:10.7% logz-
ratio=278.27+/-0.09 dlogz:12.647>0.1]

3460it [30:50,  1.11s/it, bound:0 nc: 18 ncall:3.2e+04 eff:10.7% logz-
ratio=278.28+/-0.09 dlogz:12.639>0.1]

3461it [30:53,  1.68s/it, bound:0 nc: 51 ncall:3.3e+04 eff:10.6% logz-
ratio=278.28+/-0.09 dlogz:12.630>0.1]

3462it [30:58,  2.60s/it, bound:0 nc:120 ncall:3.3e+04 eff:10.6% logz-
ratio=278.29+/-0.09 dlogz:12.622>0.1]

3463it [30:58,  2.08s/it, bound:0 nc: 22 ncall:3.3e+04 eff:10.6% logz-
ratio=278.30+/-0.09 dlogz:12.613>0.1]

3464it [30:59,  1.72s/it, bound:0 nc: 33 ncall:3.3e+04 eff:10.6% logz-
ratio=278.31+/-0.09 dlogz:12.605>0.1]

3466it [31:00,  1.28s/it, bound:0 nc: 17 ncall:3.3e+04 eff:10.6% logz-
ratio=278.32+/-0.09 dlogz:12.588>0.1]

3467it [31:00,  1.05s/it, bound:0 nc: 13 ncall:3.3e+04 eff:10.6% logz-
ratio=278.33+/-0.09 dlogz:12.579>0.1]

3468it [31:02,  1.18s/it, bound:0 nc: 23 ncall:3.3e+04 eff:10.6% logz-
ratio=278.34+/-0.09 dlogz:12.571>0.1]

3469it [31:06,  2.09s/it, bound:0 nc: 67 ncall:3.3e+04 eff:10.6% logz-
ratio=278.34+/-0.09 dlogz:12.562>0.1]

3470it [31:07,  1.66s/it, bound:0 nc: 10 ncall:3.3e+04 eff:10.6% logz-
ratio=278.35+/-0.09 dlogz:12.554>0.1]
```

```
3471it [31:08,  1.54s/it, bound:0 nc: 20 ncall:3.3e+04 eff:10.6% logz-
ratio=278.36+/-0.09 dlogz:12.545>0.1]


3472it [31:11,  1.91s/it, bound:0 nc: 91 ncall:3.3e+04 eff:10.5% logz-
ratio=278.37+/-0.09 dlogz:12.537>0.1]


3473it [31:14,  2.20s/it, bound:0 nc: 72 ncall:3.3e+04 eff:10.5% logz-
ratio=278.37+/-0.09 dlogz:12.528>0.1]


3474it [31:16,  2.19s/it, bound:0 nc: 53 ncall:3.3e+04 eff:10.5% logz-
ratio=278.38+/-0.09 dlogz:12.520>0.1]


3475it [31:18,  2.25s/it, bound:0 nc: 75 ncall:3.3e+04 eff:10.5% logz-
ratio=278.39+/-0.09 dlogz:12.512>0.1]


3476it [31:19,  1.92s/it, bound:0 nc: 25 ncall:3.3e+04 eff:10.5% logz-
ratio=278.39+/-0.09 dlogz:12.503>0.1]


3477it [31:23,  2.34s/it, bound:0 nc: 53 ncall:3.3e+04 eff:10.5% logz-
ratio=278.40+/-0.09 dlogz:12.495>0.1]


3478it [31:23,  1.69s/it, bound:0 nc:  4 ncall:3.3e+04 eff:10.5% logz-
ratio=278.41+/-0.09 dlogz:12.486>0.1]


3479it [31:23,  1.26s/it, bound:0 nc: 12 ncall:3.3e+04 eff:10.5% logz-
ratio=278.42+/-0.09 dlogz:12.478>0.1]


3480it [31:25,  1.49s/it, bound:0 nc: 65 ncall:3.3e+04 eff:10.5% logz-
ratio=278.42+/-0.09 dlogz:12.470>0.1]


3481it [31:30,  2.64s/it, bound:0 nc:119 ncall:3.3e+04 eff:10.4% logz-
ratio=278.43+/-0.09 dlogz:12.461>0.1]


3482it [31:33,  2.52s/it, bound:0 nc: 43 ncall:3.3e+04 eff:10.4% logz-
ratio=278.44+/-0.09 dlogz:12.453>0.1]


3483it [31:33,  1.84s/it, bound:0 nc:  4 ncall:3.3e+04 eff:10.4% logz-
ratio=278.45+/-0.09 dlogz:12.445>0.1]


3484it [31:33,  1.35s/it, bound:0 nc:  9 ncall:3.3e+04 eff:10.4% logz-
ratio=278.45+/-0.09 dlogz:12.437>0.1]


3485it [31:34,  1.12s/it, bound:0 nc: 23 ncall:3.3e+04 eff:10.4% logz-
ratio=278.46+/-0.09 dlogz:12.429>0.1]


3487it [31:34,  1.22it/s, bound:0 nc:  6 ncall:3.3e+04 eff:10.4% logz-
ratio=278.47+/-0.09 dlogz:12.412>0.1]
```

```
3488it [31:34,  1.45it/s, bound:0 nc: 15 ncall:3.4e+04 eff:10.4% logz-
ratio=278.48+/-0.09 dlogz:12.404>0.1]


3489it [31:35,  1.36it/s, bound:0 nc: 23 ncall:3.4e+04 eff:10.4% logz-
ratio=278.49+/-0.09 dlogz:12.396>0.1]


3490it [31:39,  1.69s/it, bound:0 nc: 64 ncall:3.4e+04 eff:10.4% logz-
ratio=278.50+/-0.09 dlogz:12.388>0.1]


3492it [31:40,  1.35s/it, bound:0 nc: 44 ncall:3.4e+04 eff:10.4% logz-
ratio=278.51+/-0.09 dlogz:12.372>0.1]


3494it [31:46,  1.85s/it, bound:0 nc:138 ncall:3.4e+04 eff:10.3% logz-
ratio=278.52+/-0.09 dlogz:12.356>0.1]


3495it [31:47,  1.40s/it, bound:0 nc: 12 ncall:3.4e+04 eff:10.3% logz-
ratio=278.53+/-0.09 dlogz:12.348>0.1]


3496it [31:48,  1.55s/it, bound:0 nc: 39 ncall:3.4e+04 eff:10.3% logz-
ratio=278.54+/-0.09 dlogz:12.340>0.1]


3497it [31:49,  1.16s/it, bound:0 nc:  4 ncall:3.4e+04 eff:10.3% logz-
ratio=278.54+/-0.09 dlogz:12.332>0.1]


3498it [31:52,  1.69s/it, bound:0 nc: 57 ncall:3.4e+04 eff:10.3% logz-
ratio=278.55+/-0.09 dlogz:12.324>0.1]


3499it [31:53,  1.59s/it, bound:0 nc: 50 ncall:3.4e+04 eff:10.3% logz-
ratio=278.56+/-0.09 dlogz:12.316>0.1]


3500it [31:54,  1.55s/it, bound:0 nc: 27 ncall:3.4e+04 eff:10.3% logz-
ratio=278.57+/-0.09 dlogz:12.308>0.1]


3501it [31:56,  1.48s/it, bound:0 nc: 21 ncall:3.4e+04 eff:10.3% logz-
ratio=278.57+/-0.09 dlogz:12.300>0.1]


3502it [31:58,  1.84s/it, bound:0 nc: 70 ncall:3.4e+04 eff:10.3% logz-
ratio=278.58+/-0.09 dlogz:12.292>0.1]


3503it [31:59,  1.40s/it, bound:0 nc: 14 ncall:3.4e+04 eff:10.3% logz-
ratio=278.59+/-0.09 dlogz:12.284>0.1]


3504it [32:00,  1.24s/it, bound:0 nc: 23 ncall:3.4e+04 eff:10.3% logz-
ratio=278.59+/-0.09 dlogz:12.276>0.1]


3505it [32:01,  1.17s/it, bound:0 nc: 16 ncall:3.4e+04 eff:10.3% logz-
ratio=278.60+/-0.09 dlogz:12.268>0.1]
```

3506it [32:01, 1.12it/s, bound:0 nc: 3 ncall:3.4e+04 eff:10.3% logz-ratio=278.61+/-0.09 dlogz:12.260>0.1]

3507it [32:04, 1.49s/it, bound:0 nc: 53 ncall:3.4e+04 eff:10.3% logz-ratio=278.61+/-0.09 dlogz:12.253>0.1]

3508it [32:05, 1.28s/it, bound:0 nc: 31 ncall:3.4e+04 eff:10.3% logz-ratio=278.62+/-0.09 dlogz:12.245>0.1]

3509it [32:06, 1.17s/it, bound:0 nc: 31 ncall:3.4e+04 eff:10.3% logz-ratio=278.63+/-0.09 dlogz:12.237>0.1]

3510it [32:06, 1.09s/it, bound:0 nc: 14 ncall:3.4e+04 eff:10.2% logz-ratio=278.63+/-0.09 dlogz:12.229>0.1]

3511it [32:07, 1.03s/it, bound:0 nc: 14 ncall:3.4e+04 eff:10.2% logz-ratio=278.64+/-0.09 dlogz:12.221>0.1]

3512it [32:08, 1.15it/s, bound:0 nc: 16 ncall:3.4e+04 eff:10.2% logz-ratio=278.65+/-0.09 dlogz:12.213>0.1]

3513it [32:08, 1.42it/s, bound:0 nc: 12 ncall:3.4e+04 eff:10.2% logz-ratio=278.66+/-0.09 dlogz:12.206>0.1]

3514it [32:16, 2.91s/it, bound:0 nc:169 ncall:3.4e+04 eff:10.2% logz-ratio=278.66+/-0.09 dlogz:12.198>0.1]

3515it [32:17, 2.24s/it, bound:0 nc: 22 ncall:3.4e+04 eff:10.2% logz-ratio=278.67+/-0.09 dlogz:12.190>0.1]

3516it [32:18, 1.80s/it, bound:0 nc: 30 ncall:3.5e+04 eff:10.2% logz-ratio=278.68+/-0.09 dlogz:12.182>0.1]

3517it [32:19, 1.56s/it, bound:0 nc: 17 ncall:3.5e+04 eff:10.2% logz-ratio=278.68+/-0.09 dlogz:12.174>0.1]

3518it [32:20, 1.38s/it, bound:0 nc: 15 ncall:3.5e+04 eff:10.2% logz-ratio=278.69+/-0.09 dlogz:12.166>0.1]

3519it [32:21, 1.30s/it, bound:0 nc: 41 ncall:3.5e+04 eff:10.2% logz-ratio=278.70+/-0.09 dlogz:12.158>0.1]

3521it [32:22, 1.10s/it, bound:0 nc: 39 ncall:3.5e+04 eff:10.2% logz-ratio=278.71+/-0.09 dlogz:12.142>0.1]

3522it [32:22, 1.24it/s, bound:0 nc: 2 ncall:3.5e+04 eff:10.2% logz-ratio=278.72+/-0.09 dlogz:12.135>0.1]

```
3523it [32:27,  2.01s/it, bound:0 nc:100 ncall:3.5e+04 eff:10.1% logz-
ratio=278.72+/-0.09 dlogz:12.127>0.1]

3524it [32:28,  1.63s/it, bound:0 nc: 28 ncall:3.5e+04 eff:10.1% logz-
ratio=278.73+/-0.09 dlogz:12.119>0.1]

3525it [32:28,  1.25s/it, bound:0 nc: 12 ncall:3.5e+04 eff:10.1% logz-
ratio=278.74+/-0.09 dlogz:12.111>0.1]

3526it [32:29,  1.03s/it, bound:0 nc: 19 ncall:3.5e+04 eff:10.1% logz-
ratio=278.74+/-0.09 dlogz:12.103>0.1]

3527it [32:35,  2.65s/it, bound:0 nc:150 ncall:3.5e+04 eff:10.1% logz-
ratio=278.75+/-0.09 dlogz:12.095>0.1]

3528it [32:41,  3.60s/it, bound:0 nc:113 ncall:3.5e+04 eff:10.1% logz-
ratio=278.76+/-0.09 dlogz:12.087>0.1]

3529it [32:42,  2.93s/it, bound:0 nc: 22 ncall:3.5e+04 eff:10.1% logz-
ratio=278.76+/-0.09 dlogz:12.080>0.1]

3530it [32:43,  2.17s/it, bound:0 nc: 14 ncall:3.5e+04 eff:10.1% logz-
ratio=278.77+/-0.09 dlogz:12.072>0.1]

3532it [32:44,  1.71s/it, bound:0 nc: 45 ncall:3.5e+04 eff:10.1% logz-
ratio=278.79+/-0.09 dlogz:12.056>0.1]

3533it [32:45,  1.54s/it, bound:0 nc: 23 ncall:3.5e+04 eff:10.1% logz-
ratio=278.79+/-0.09 dlogz:12.048>0.1]

3534it [32:48,  1.99s/it, bound:0 nc: 90 ncall:3.5e+04 eff:10.0% logz-
ratio=278.80+/-0.09 dlogz:12.040>0.1]

3535it [32:50,  1.93s/it, bound:0 nc: 31 ncall:3.5e+04 eff:10.0% logz-
ratio=278.81+/-0.09 dlogz:12.032>0.1]

3536it [32:50,  1.48s/it, bound:0 nc:  7 ncall:3.5e+04 eff:10.0% logz-
ratio=278.81+/-0.09 dlogz:12.024>0.1]

3537it [32:52,  1.68s/it, bound:0 nc: 34 ncall:3.5e+04 eff:10.0% logz-
ratio=278.82+/-0.09 dlogz:12.016>0.1]

3538it [32:54,  1.54s/it, bound:0 nc: 49 ncall:3.5e+04 eff:10.0% logz-
ratio=278.83+/-0.09 dlogz:12.008>0.1]

3539it [32:55,  1.35s/it, bound:0 nc: 28 ncall:3.5e+04 eff:10.0% logz-
ratio=278.83+/-0.09 dlogz:12.000>0.1]
```

```
3540it [32:55,  1.12s/it, bound:1 nc:  7 ncall:3.5e+04 eff:10.0% logz-
ratio=278.84+/-0.09 dlogz:11.992>0.1]

3541it [32:55,  1.21it/s, bound:1 nc:  2 ncall:3.5e+04 eff:10.0% logz-
ratio=278.85+/-0.09 dlogz:11.984>0.1]

3542it [32:55,  1.56it/s, bound:1 nc:  3 ncall:3.5e+04 eff:10.0% logz-
ratio=278.86+/-0.09 dlogz:11.976>0.1]

3543it [32:56,  2.03it/s, bound:1 nc:  2 ncall:3.5e+04 eff:10.0% logz-
ratio=278.86+/-0.09 dlogz:11.968>0.1]

3544it [32:56,  2.56it/s, bound:1 nc:  2 ncall:3.5e+04 eff:10.0% logz-
ratio=278.87+/-0.09 dlogz:11.960>0.1]

3545it [32:56,  3.14it/s, bound:1 nc:  2 ncall:3.5e+04 eff:10.0% logz-
ratio=278.88+/-0.09 dlogz:11.952>0.1]

3546it [32:56,  3.30it/s, bound:1 nc:  4 ncall:3.5e+04 eff:10.0% logz-
ratio=278.88+/-0.09 dlogz:11.944>0.1]

3547it [32:56,  3.92it/s, bound:1 nc:  2 ncall:3.5e+04 eff:10.0% logz-
ratio=278.89+/-0.09 dlogz:11.936>0.1]

3548it [32:57,  3.58it/s, bound:1 nc:  4 ncall:3.5e+04 eff:10.0% logz-
ratio=278.90+/-0.09 dlogz:11.928>0.1]

3549it [32:57,  3.59it/s, bound:1 nc:  4 ncall:3.5e+04 eff:10.0% logz-
ratio=278.90+/-0.09 dlogz:11.920>0.1]

3550it [32:57,  3.38it/s, bound:1 nc:  4 ncall:3.5e+04 eff:10.0% logz-
ratio=278.91+/-0.09 dlogz:11.912>0.1]

3551it [32:57,  3.98it/s, bound:1 nc:  2 ncall:3.5e+04 eff:10.0% logz-
ratio=278.92+/-0.09 dlogz:11.904>0.1]

3552it [32:58,  3.58it/s, bound:1 nc:  4 ncall:3.5e+04 eff:10.0% logz-
ratio=278.93+/-0.09 dlogz:11.896>0.1]

3553it [32:58,  3.35it/s, bound:1 nc:  5 ncall:3.5e+04 eff:10.0% logz-
ratio=278.93+/-0.09 dlogz:11.888>0.1]

3554it [32:58,  3.67it/s, bound:1 nc:  3 ncall:3.5e+04 eff:10.0% logz-
ratio=278.94+/-0.09 dlogz:11.880>0.1]

3555it [32:59,  3.76it/s, bound:1 nc:  4 ncall:3.5e+04 eff:10.0% logz-
ratio=278.95+/-0.09 dlogz:11.873>0.1]
```

3556it [32:59, 4.15it/s, bound:1 nc: 7 ncall:3.5e+04 eff:10.0% logz-ratio=278.95+/-0.09 dlogz:11.865>0.1]

3558it [32:59, 5.12it/s, bound:1 nc: 4 ncall:3.5e+04 eff:10.0% logz-ratio=278.97+/-0.09 dlogz:11.849>0.1]

17:12 bilby INFO   : Written checkpoint file short1/GW150914_1_resume.pickle

3559it [33:17, 5.59s/it, bound:1 nc: 4 ncall:3.5e+04 eff:10.0% logz-ratio=278.97+/-0.09 dlogz:11.841>0.1]

3560it [33:17, 3.95s/it, bound:1 nc: 5 ncall:3.5e+04 eff:10.0% logz-ratio=278.98+/-0.09 dlogz:11.834>0.1]

3561it [33:17, 2.80s/it, bound:1 nc: 3 ncall:3.5e+04 eff:10.0% logz-ratio=278.99+/-0.09 dlogz:11.826>0.1]

3562it [33:17, 2.00s/it, bound:1 nc: 5 ncall:3.5e+04 eff:10.0% logz-ratio=278.99+/-0.09 dlogz:11.818>0.1]

3563it [33:18, 1.53s/it, bound:1 nc: 13 ncall:3.5e+04 eff:10.0% logz-ratio=279.00+/-0.09 dlogz:11.810>0.1]

3564it [33:18, 1.13s/it, bound:1 nc: 6 ncall:3.5e+04 eff:10.0% logz-ratio=279.01+/-0.09 dlogz:11.802>0.1]

3565it [33:18, 1.18it/s, bound:1 nc: 5 ncall:3.6e+04 eff:10.0% logz-ratio=279.01+/-0.09 dlogz:11.795>0.1]

3566it [33:18, 1.58it/s, bound:1 nc: 5 ncall:3.6e+04 eff:10.0% logz-ratio=279.02+/-0.09 dlogz:11.787>0.1]

3567it [33:19, 2.11it/s, bound:1 nc: 3 ncall:3.6e+04 eff:10.0% logz-ratio=279.03+/-0.09 dlogz:11.779>0.1]

3568it [33:19, 2.67it/s, bound:1 nc: 5 ncall:3.6e+04 eff:10.0% logz-ratio=279.03+/-0.09 dlogz:11.771>0.1]

3569it [33:19, 3.34it/s, bound:1 nc: 4 ncall:3.6e+04 eff:10.0% logz-ratio=279.04+/-0.09 dlogz:11.763>0.1]

3570it [33:20, 2.31it/s, bound:1 nc: 10 ncall:3.6e+04 eff:10.0% logz-ratio=279.05+/-0.09 dlogz:11.756>0.1]

3571it [33:20, 1.99it/s, bound:1 nc: 8 ncall:3.6e+04 eff:10.0% logz-ratio=279.06+/-0.09 dlogz:11.748>0.1]

```
3572it [33:20,  2.39it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.1% logz-
ratio=279.06+/-0.09 dlogz:11.740>0.1]

3573it [33:21,  2.55it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.1% logz-
ratio=279.07+/-0.09 dlogz:11.732>0.1]

3574it [33:21,  2.99it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.1% logz-
ratio=279.08+/-0.09 dlogz:11.724>0.1]

3575it [33:21,  3.66it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.1% logz-
ratio=279.08+/-0.09 dlogz:11.716>0.1]

3576it [33:21,  4.43it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.1% logz-
ratio=279.09+/-0.09 dlogz:11.708>0.1]

3578it [33:21,  5.63it/s, bound:1 nc:  2 ncall:3.6e+04 eff:10.1% logz-
ratio=279.10+/-0.09 dlogz:11.692>0.1]

3579it [33:22,  4.74it/s, bound:1 nc:  7 ncall:3.6e+04 eff:10.1% logz-
ratio=279.11+/-0.09 dlogz:11.684>0.1]

3580it [33:22,  5.44it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.1% logz-
ratio=279.12+/-0.09 dlogz:11.676>0.1]

3581it [33:22,  5.18it/s, bound:1 nc:  6 ncall:3.6e+04 eff:10.1% logz-
ratio=279.12+/-0.09 dlogz:11.668>0.1]

3582it [33:22,  6.03it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.1% logz-
ratio=279.13+/-0.09 dlogz:11.661>0.1]

3584it [33:22,  7.05it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.1% logz-
ratio=279.14+/-0.09 dlogz:11.645>0.1]

3586it [33:22,  7.75it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.1% logz-
ratio=279.16+/-0.09 dlogz:11.630>0.1]

3588it [33:23,  8.10it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.1% logz-
ratio=279.17+/-0.09 dlogz:11.614>0.1]

3590it [33:24,  3.84it/s, bound:1 nc: 14 ncall:3.6e+04 eff:10.1% logz-
ratio=279.18+/-0.09 dlogz:11.599>0.1]

3591it [33:24,  3.56it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.1% logz-
ratio=279.19+/-0.09 dlogz:11.591>0.1]

3592it [33:24,  3.30it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.1% logz-
ratio=279.20+/-0.09 dlogz:11.584>0.1]
```

3593it [33:25, 3.22it/s, bound:1 nc: 5 ncall:3.6e+04 eff:10.1% logz-ratio=279.20+/-0.09 dlogz:11.576>0.1]

3594it [33:25, 3.84it/s, bound:1 nc: 2 ncall:3.6e+04 eff:10.1% logz-ratio=279.21+/-0.09 dlogz:11.569>0.1]

3595it [33:25, 4.09it/s, bound:1 nc: 3 ncall:3.6e+04 eff:10.1% logz-ratio=279.22+/-0.09 dlogz:11.561>0.1]

3596it [33:25, 4.29it/s, bound:1 nc: 3 ncall:3.6e+04 eff:10.1% logz-ratio=279.22+/-0.09 dlogz:11.554>0.1]

3597it [33:26, 4.43it/s, bound:1 nc: 3 ncall:3.6e+04 eff:10.1% logz-ratio=279.23+/-0.09 dlogz:11.546>0.1]

3598it [33:26, 3.18it/s, bound:1 nc: 7 ncall:3.6e+04 eff:10.1% logz-ratio=279.24+/-0.09 dlogz:11.538>0.1]

3599it [33:27, 2.05it/s, bound:1 nc: 12 ncall:3.6e+04 eff:10.1% logz-ratio=279.24+/-0.09 dlogz:11.531>0.1]

3600it [33:27, 2.65it/s, bound:1 nc: 3 ncall:3.6e+04 eff:10.1% logz-ratio=279.25+/-0.09 dlogz:11.524>0.1]

3601it [33:27, 2.94it/s, bound:1 nc: 7 ncall:3.6e+04 eff:10.1% logz-ratio=279.26+/-0.09 dlogz:11.516>0.1]

3602it [33:28, 3.35it/s, bound:1 nc: 6 ncall:3.6e+04 eff:10.1% logz-ratio=279.26+/-0.09 dlogz:11.509>0.1]

3603it [33:28, 4.14it/s, bound:1 nc: 4 ncall:3.6e+04 eff:10.1% logz-ratio=279.27+/-0.09 dlogz:11.501>0.1]

3605it [33:28, 5.02it/s, bound:1 nc: 5 ncall:3.6e+04 eff:10.1% logz-ratio=279.28+/-0.09 dlogz:11.486>0.1]

3606it [33:28, 5.38it/s, bound:1 nc: 5 ncall:3.6e+04 eff:10.1% logz-ratio=279.29+/-0.09 dlogz:11.479>0.1]

3607it [33:28, 4.64it/s, bound:1 nc: 8 ncall:3.6e+04 eff:10.1% logz-ratio=279.30+/-0.09 dlogz:11.471>0.1]

3608it [33:29, 3.15it/s, bound:1 nc: 16 ncall:3.6e+04 eff:10.1% logz-ratio=279.30+/-0.09 dlogz:11.463>0.1]

3609it [33:29, 3.46it/s, bound:1 nc: 5 ncall:3.6e+04 eff:10.1% logz-ratio=279.31+/-0.09 dlogz:11.456>0.1]

```
3610it [33:29,  3.31it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.1% logz-
ratio=279.31+/-0.09 dlogz:11.448>0.1]

3611it [33:30,  3.62it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.1% logz-
ratio=279.32+/-0.09 dlogz:11.441>0.1]

3612it [33:30,  3.42it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.1% logz-
ratio=279.33+/-0.09 dlogz:11.433>0.1]

3613it [33:30,  3.28it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.1% logz-
ratio=279.33+/-0.09 dlogz:11.426>0.1]

3614it [33:31,  3.19it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.1% logz-
ratio=279.34+/-0.09 dlogz:11.418>0.1]

3615it [33:31,  3.33it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.1% logz-
ratio=279.35+/-0.09 dlogz:11.411>0.1]

3616it [33:31,  3.68it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.1% logz-
ratio=279.35+/-0.09 dlogz:11.403>0.1]

3617it [33:31,  3.94it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.1% logz-
ratio=279.36+/-0.09 dlogz:11.396>0.1]

3618it [33:32,  3.85it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.1% logz-
ratio=279.37+/-0.09 dlogz:11.388>0.1]

3619it [33:32,  4.43it/s, bound:1 nc:  2 ncall:3.6e+04 eff:10.1% logz-
ratio=279.37+/-0.09 dlogz:11.381>0.1]

3620it [33:32,  4.48it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.1% logz-
ratio=279.38+/-0.09 dlogz:11.373>0.1]

3621it [33:32,  5.02it/s, bound:1 nc:  2 ncall:3.6e+04 eff:10.1% logz-
ratio=279.39+/-0.09 dlogz:11.366>0.1]

3622it [33:32,  4.51it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.1% logz-
ratio=279.39+/-0.09 dlogz:11.358>0.1]

3623it [33:33,  4.56it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.1% logz-
ratio=279.40+/-0.09 dlogz:11.351>0.1]

3624it [33:33,  4.64it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.1% logz-
ratio=279.41+/-0.09 dlogz:11.343>0.1]

3625it [33:33,  3.72it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.1% logz-
ratio=279.41+/-0.09 dlogz:11.336>0.1]
```

```
3627it [33:33,  4.54it/s, bound:1 nc:  6 ncall:3.6e+04 eff:10.1% logz-
ratio=279.43+/-0.09 dlogz:11.321>0.1]

3628it [33:34,  4.33it/s, bound:1 nc:  9 ncall:3.6e+04 eff:10.1% logz-
ratio=279.43+/-0.09 dlogz:11.314>0.1]

3629it [33:34,  4.96it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.1% logz-
ratio=279.44+/-0.09 dlogz:11.306>0.1]

3630it [33:34,  5.47it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.1% logz-
ratio=279.44+/-0.09 dlogz:11.299>0.1]

3631it [33:34,  5.32it/s, bound:1 nc:  6 ncall:3.6e+04 eff:10.1% logz-
ratio=279.45+/-0.09 dlogz:11.292>0.1]

3632it [33:34,  4.79it/s, bound:1 nc:  8 ncall:3.6e+04 eff:10.1% logz-
ratio=279.46+/-0.09 dlogz:11.284>0.1]

3633it [33:35,  5.27it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.1% logz-
ratio=279.46+/-0.09 dlogz:11.277>0.1]

3634it [33:35,  5.17it/s, bound:1 nc:  6 ncall:3.6e+04 eff:10.1% logz-
ratio=279.47+/-0.09 dlogz:11.270>0.1]

3635it [33:35,  5.74it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.1% logz-
ratio=279.48+/-0.09 dlogz:11.262>0.1]

3637it [33:35,  6.59it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.1% logz-
ratio=279.49+/-0.09 dlogz:11.248>0.1]

3638it [33:35,  7.10it/s, bound:1 nc:  2 ncall:3.6e+04 eff:10.1% logz-
ratio=279.49+/-0.09 dlogz:11.240>0.1]

3639it [33:36,  2.54it/s, bound:1 nc: 13 ncall:3.6e+04 eff:10.1% logz-
ratio=279.50+/-0.09 dlogz:11.233>0.1]

3640it [33:37,  2.22it/s, bound:1 nc:  8 ncall:3.6e+04 eff:10.1% logz-
ratio=279.51+/-0.09 dlogz:11.226>0.1]

3641it [33:37,  2.65it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.2% logz-
ratio=279.51+/-0.09 dlogz:11.218>0.1]

3642it [33:37,  2.38it/s, bound:1 nc:  7 ncall:3.6e+04 eff:10.2% logz-
ratio=279.52+/-0.09 dlogz:11.211>0.1]

3643it [33:38,  2.55it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.2% logz-
ratio=279.53+/-0.09 dlogz:11.204>0.1]
```

```
3644it [33:38,  3.16it/s, bound:1 nc:  2 ncall:3.6e+04 eff:10.2% logz-
ratio=279.53+/-0.09 dlogz:11.196>0.1]

3645it [33:38,  2.77it/s, bound:1 nc:  6 ncall:3.6e+04 eff:10.2% logz-
ratio=279.54+/-0.09 dlogz:11.189>0.1]

3646it [33:39,  3.01it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.55+/-0.09 dlogz:11.182>0.1]

3647it [33:39,  3.21it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.55+/-0.09 dlogz:11.175>0.1]

3648it [33:39,  3.36it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.56+/-0.09 dlogz:11.168>0.1]

3649it [33:40,  3.23it/s, bound:1 nc: 10 ncall:3.6e+04 eff:10.2% logz-
ratio=279.56+/-0.09 dlogz:11.160>0.1]

3650it [33:40,  4.04it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.57+/-0.09 dlogz:11.153>0.1]

3651it [33:40,  4.37it/s, bound:1 nc:  6 ncall:3.6e+04 eff:10.2% logz-
ratio=279.58+/-0.09 dlogz:11.146>0.1]

3652it [33:40,  4.25it/s, bound:1 nc:  9 ncall:3.6e+04 eff:10.2% logz-
ratio=279.58+/-0.09 dlogz:11.139>0.1]

3653it [33:40,  5.00it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.59+/-0.09 dlogz:11.132>0.1]

3654it [33:40,  4.86it/s, bound:1 nc:  6 ncall:3.6e+04 eff:10.2% logz-
ratio=279.59+/-0.09 dlogz:11.125>0.1]

3655it [33:41,  5.48it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.60+/-0.09 dlogz:11.118>0.1]

3656it [33:41,  6.20it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.61+/-0.09 dlogz:11.110>0.1]

3657it [33:41,  6.73it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.61+/-0.09 dlogz:11.103>0.1]

3658it [33:41,  6.86it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.2% logz-
ratio=279.62+/-0.09 dlogz:11.096>0.1]

3659it [33:41,  6.87it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.2% logz-
ratio=279.62+/-0.09 dlogz:11.089>0.1]
```

```
3660it [33:41,  6.73it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.2% logz-
ratio=279.63+/-0.09 dlogz:11.082>0.1]

3661it [33:42,  3.82it/s, bound:1 nc:  7 ncall:3.6e+04 eff:10.2% logz-
ratio=279.64+/-0.09 dlogz:11.075>0.1]

3662it [33:42,  3.55it/s, bound:1 nc:  5 ncall:3.6e+04 eff:10.2% logz-
ratio=279.64+/-0.09 dlogz:11.068>0.1]

3663it [33:42,  3.85it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.2% logz-
ratio=279.65+/-0.09 dlogz:11.061>0.1]

3664it [33:42,  4.04it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.2% logz-
ratio=279.66+/-0.09 dlogz:11.054>0.1]

3665it [33:43,  3.95it/s, bound:1 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.66+/-0.09 dlogz:11.047>0.1]

3666it [33:43,  4.15it/s, bound:1 nc:  3 ncall:3.6e+04 eff:10.2% logz-
ratio=279.67+/-0.09 dlogz:11.040>0.1]

3667it [33:43,  4.24it/s, bound:2 nc:  3 ncall:3.6e+04 eff:10.2% logz-
ratio=279.67+/-0.09 dlogz:11.033>0.1]

3668it [33:44,  3.77it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.68+/-0.09 dlogz:11.026>0.1]

3669it [33:44,  3.50it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.69+/-0.09 dlogz:11.018>0.1]

3670it [33:44,  3.83it/s, bound:2 nc:  3 ncall:3.6e+04 eff:10.2% logz-
ratio=279.69+/-0.09 dlogz:11.011>0.1]

3671it [33:45,  2.95it/s, bound:2 nc:  7 ncall:3.6e+04 eff:10.2% logz-
ratio=279.70+/-0.09 dlogz:11.004>0.1]

3672it [33:45,  3.32it/s, bound:2 nc:  3 ncall:3.6e+04 eff:10.2% logz-
ratio=279.70+/-0.09 dlogz:10.997>0.1]

3673it [33:45,  3.44it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.71+/-0.09 dlogz:10.990>0.1]

3674it [33:45,  3.48it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.72+/-0.09 dlogz:10.983>0.1]

3675it [33:45,  4.08it/s, bound:2 nc:  3 ncall:3.6e+04 eff:10.2% logz-
ratio=279.72+/-0.09 dlogz:10.976>0.1]
```

```
3676it [33:46,  3.73it/s, bound:2 nc: 11 ncall:3.6e+04 eff:10.2% logz-
ratio=279.73+/-0.09 dlogz:10.969>0.1]

3678it [33:46,  4.74it/s, bound:2 nc:  3 ncall:3.6e+04 eff:10.2% logz-
ratio=279.74+/-0.09 dlogz:10.955>0.1]

3679it [33:46,  5.54it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.75+/-0.09 dlogz:10.948>0.1]

3680it [33:46,  5.99it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.2% logz-
ratio=279.75+/-0.09 dlogz:10.941>0.1]

3681it [33:46,  6.62it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.76+/-0.09 dlogz:10.934>0.1]

3682it [33:46,  6.79it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.76+/-0.09 dlogz:10.927>0.1]

3683it [33:47,  4.54it/s, bound:2 nc: 11 ncall:3.6e+04 eff:10.2% logz-
ratio=279.77+/-0.09 dlogz:10.920>0.1]

3685it [33:47,  5.34it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.2% logz-
ratio=279.78+/-0.09 dlogz:10.906>0.1]

3686it [33:47,  6.07it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.79+/-0.09 dlogz:10.899>0.1]

3687it [33:48,  4.70it/s, bound:2 nc:  7 ncall:3.6e+04 eff:10.2% logz-
ratio=279.79+/-0.09 dlogz:10.892>0.1]

3688it [33:48,  5.18it/s, bound:2 nc:  2 ncall:3.6e+04 eff:10.2% logz-
ratio=279.80+/-0.09 dlogz:10.885>0.1]

3689it [33:48,  3.18it/s, bound:2 nc:  8 ncall:3.6e+04 eff:10.2% logz-
ratio=279.81+/-0.09 dlogz:10.877>0.1]

3690it [33:49,  3.31it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.81+/-0.09 dlogz:10.870>0.1]

3691it [33:49,  2.71it/s, bound:2 nc:  7 ncall:3.6e+04 eff:10.2% logz-
ratio=279.82+/-0.09 dlogz:10.863>0.1]

3692it [33:50,  2.21it/s, bound:2 nc:  8 ncall:3.6e+04 eff:10.2% logz-
ratio=279.83+/-0.09 dlogz:10.856>0.1]

3693it [33:50,  2.16it/s, bound:2 nc:  6 ncall:3.6e+04 eff:10.2% logz-
ratio=279.83+/-0.09 dlogz:10.848>0.1]
```

```
3694it [33:51,  2.14it/s, bound:2 nc:  6 ncall:3.6e+04 eff:10.2% logz-
ratio=279.84+/-0.09 dlogz:10.841>0.1]

3695it [33:51,  2.56it/s, bound:2 nc:  3 ncall:3.6e+04 eff:10.2% logz-
ratio=279.84+/-0.09 dlogz:10.834>0.1]

3696it [33:51,  2.68it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.2% logz-
ratio=279.85+/-0.09 dlogz:10.826>0.1]

3697it [33:52,  2.51it/s, bound:2 nc:  8 ncall:3.6e+04 eff:10.2% logz-
ratio=279.86+/-0.09 dlogz:10.819>0.1]

3699it [33:52,  3.12it/s, bound:2 nc:  6 ncall:3.6e+04 eff:10.2% logz-
ratio=279.87+/-0.09 dlogz:10.804>0.1]

3700it [33:52,  3.21it/s, bound:2 nc:  8 ncall:3.6e+04 eff:10.2% logz-
ratio=279.88+/-0.09 dlogz:10.797>0.1]

3702it [33:53,  3.66it/s, bound:2 nc:  9 ncall:3.6e+04 eff:10.2% logz-
ratio=279.89+/-0.09 dlogz:10.783>0.1]

3704it [33:53,  4.53it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.90+/-0.09 dlogz:10.768>0.1]

3705it [33:53,  4.90it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.2% logz-
ratio=279.91+/-0.09 dlogz:10.761>0.1]

3706it [33:53,  5.70it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.91+/-0.09 dlogz:10.754>0.1]

3707it [33:53,  6.34it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.92+/-0.09 dlogz:10.746>0.1]

3709it [33:53,  7.81it/s, bound:2 nc:  2 ncall:3.6e+04 eff:10.2% logz-
ratio=279.93+/-0.09 dlogz:10.732>0.1]

3711it [33:54,  4.55it/s, bound:2 nc:  3 ncall:3.6e+04 eff:10.2% logz-
ratio=279.94+/-0.09 dlogz:10.718>0.1]

3712it [33:54,  4.19it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.95+/-0.09 dlogz:10.710>0.1]

3713it [33:55,  3.99it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.2% logz-
ratio=279.96+/-0.09 dlogz:10.703>0.1]

3714it [33:55,  3.00it/s, bound:2 nc:  7 ncall:3.6e+04 eff:10.3% logz-
ratio=279.96+/-0.09 dlogz:10.696>0.1]
```

3715it [33:56, 3.00it/s, bound:2 nc: 5 ncall:3.6e+04 eff:10.3% logz-ratio=279.97+/-0.09 dlogz:10.689>0.1]

3716it [33:56, 3.65it/s, bound:2 nc: 5 ncall:3.6e+04 eff:10.3% logz-ratio=279.98+/-0.09 dlogz:10.682>0.1]

3717it [33:56, 4.45it/s, bound:2 nc: 4 ncall:3.6e+04 eff:10.3% logz-ratio=279.98+/-0.09 dlogz:10.675>0.1]

3718it [33:56, 4.54it/s, bound:2 nc: 7 ncall:3.6e+04 eff:10.3% logz-ratio=279.99+/-0.09 dlogz:10.668>0.1]

3719it [33:56, 5.22it/s, bound:2 nc: 4 ncall:3.6e+04 eff:10.3% logz-ratio=279.99+/-0.09 dlogz:10.661>0.1]

3720it [33:57, 4.22it/s, bound:2 nc: 10 ncall:3.6e+04 eff:10.3% logz-ratio=280.00+/-0.09 dlogz:10.653>0.1]

3721it [33:57, 4.78it/s, bound:2 nc: 5 ncall:3.6e+04 eff:10.3% logz-ratio=280.01+/-0.09 dlogz:10.646>0.1]

3722it [33:57, 5.17it/s, bound:2 nc: 5 ncall:3.6e+04 eff:10.3% logz-ratio=280.01+/-0.09 dlogz:10.639>0.1]

3724it [33:57, 5.64it/s, bound:2 nc: 7 ncall:3.6e+04 eff:10.3% logz-ratio=280.02+/-0.09 dlogz:10.625>0.1]

3725it [33:57, 5.17it/s, bound:2 nc: 7 ncall:3.6e+04 eff:10.3% logz-ratio=280.03+/-0.09 dlogz:10.618>0.1]

3726it [33:57, 5.53it/s, bound:2 nc: 5 ncall:3.6e+04 eff:10.3% logz-ratio=280.04+/-0.09 dlogz:10.611>0.1]

3727it [33:58, 3.12it/s, bound:2 nc: 9 ncall:3.6e+04 eff:10.3% logz-ratio=280.04+/-0.09 dlogz:10.604>0.1]

3728it [33:58, 3.48it/s, bound:2 nc: 3 ncall:3.6e+04 eff:10.3% logz-ratio=280.05+/-0.09 dlogz:10.597>0.1]

3729it [33:59, 3.77it/s, bound:2 nc: 3 ncall:3.6e+04 eff:10.3% logz-ratio=280.05+/-0.09 dlogz:10.590>0.1]

3730it [33:59, 2.90it/s, bound:2 nc: 7 ncall:3.6e+04 eff:10.3% logz-ratio=280.06+/-0.09 dlogz:10.583>0.1]

3731it [33:59, 3.11it/s, bound:2 nc: 4 ncall:3.6e+04 eff:10.3% logz-ratio=280.07+/-0.09 dlogz:10.576>0.1]

```
3732it [34:00,  3.25it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.3% logz-
ratio=280.07+/-0.09 dlogz:10.570>0.1]

3733it [34:00,  3.38it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.3% logz-
ratio=280.08+/-0.09 dlogz:10.563>0.1]

3734it [34:00,  3.26it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.3% logz-
ratio=280.08+/-0.09 dlogz:10.556>0.1]

3735it [34:01,  3.19it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.3% logz-
ratio=280.09+/-0.09 dlogz:10.549>0.1]

3736it [34:01,  2.78it/s, bound:2 nc:  6 ncall:3.6e+04 eff:10.3% logz-
ratio=280.09+/-0.09 dlogz:10.542>0.1]

3737it [34:02,  2.55it/s, bound:2 nc:  6 ncall:3.6e+04 eff:10.3% logz-
ratio=280.10+/-0.09 dlogz:10.535>0.1]

3738it [34:02,  2.95it/s, bound:2 nc:  3 ncall:3.6e+04 eff:10.3% logz-
ratio=280.11+/-0.09 dlogz:10.529>0.1]

3739it [34:02,  3.71it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.3% logz-
ratio=280.11+/-0.09 dlogz:10.522>0.1]

3742it [34:02,  4.87it/s, bound:2 nc:  3 ncall:3.6e+04 eff:10.3% logz-
ratio=280.13+/-0.09 dlogz:10.502>0.1]

3744it [34:02,  5.59it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.3% logz-
ratio=280.14+/-0.09 dlogz:10.489>0.1]

3745it [34:02,  5.71it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.3% logz-
ratio=280.15+/-0.09 dlogz:10.482>0.1]

3746it [34:03,  5.82it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.3% logz-
ratio=280.15+/-0.09 dlogz:10.475>0.1]

3747it [34:03,  3.80it/s, bound:2 nc: 15 ncall:3.6e+04 eff:10.3% logz-
ratio=280.16+/-0.09 dlogz:10.469>0.1]

3748it [34:03,  4.28it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.3% logz-
ratio=280.16+/-0.09 dlogz:10.462>0.1]

3749it [34:03,  4.35it/s, bound:2 nc:  7 ncall:3.6e+04 eff:10.3% logz-
ratio=280.17+/-0.09 dlogz:10.455>0.1]

3750it [34:04,  4.91it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.3% logz-
ratio=280.17+/-0.09 dlogz:10.449>0.1]
```

```
3751it [34:04,  5.37it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.3% logz-
ratio=280.18+/-0.09 dlogz:10.442>0.1]

3752it [34:04,  4.74it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.3% logz-
ratio=280.19+/-0.09 dlogz:10.435>0.1]

3753it [34:05,  2.92it/s, bound:2 nc:  9 ncall:3.6e+04 eff:10.3% logz-
ratio=280.19+/-0.09 dlogz:10.429>0.1]

3754it [34:05,  2.93it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.3% logz-
ratio=280.20+/-0.09 dlogz:10.422>0.1]

3755it [34:06,  2.20it/s, bound:2 nc: 10 ncall:3.6e+04 eff:10.3% logz-
ratio=280.20+/-0.09 dlogz:10.415>0.1]

3756it [34:06,  2.47it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.3% logz-
ratio=280.21+/-0.09 dlogz:10.408>0.1]

3757it [34:06,  2.74it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.3% logz-
ratio=280.21+/-0.09 dlogz:10.402>0.1]

3758it [34:07,  2.95it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.3% logz-
ratio=280.22+/-0.09 dlogz:10.395>0.1]

3759it [34:07,  2.60it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.3% logz-
ratio=280.23+/-0.09 dlogz:10.388>0.1]

3760it [34:07,  2.56it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.3% logz-
ratio=280.23+/-0.09 dlogz:10.381>0.1]

3761it [34:08,  2.83it/s, bound:2 nc:  4 ncall:3.6e+04 eff:10.3% logz-
ratio=280.24+/-0.09 dlogz:10.375>0.1]

3762it [34:08,  2.96it/s, bound:2 nc:  7 ncall:3.6e+04 eff:10.3% logz-
ratio=280.24+/-0.09 dlogz:10.368>0.1]

3763it [34:08,  3.58it/s, bound:2 nc:  5 ncall:3.6e+04 eff:10.3% logz-
ratio=280.25+/-0.09 dlogz:10.361>0.1]

3764it [34:08,  3.71it/s, bound:2 nc:  9 ncall:3.6e+04 eff:10.3% logz-
ratio=280.25+/-0.09 dlogz:10.355>0.1]

3766it [34:09,  4.30it/s, bound:2 nc:  7 ncall:3.7e+04 eff:10.3% logz-
ratio=280.27+/-0.09 dlogz:10.341>0.1]

3767it [34:09,  4.81it/s, bound:2 nc:  5 ncall:3.7e+04 eff:10.3% logz-
ratio=280.27+/-0.09 dlogz:10.334>0.1]
```

```
3768it [34:09,  5.38it/s, bound:2 nc:  5 ncall:3.7e+04 eff:10.3% logz-
ratio=280.28+/-0.09 dlogz:10.328>0.1]

3769it [34:09,  6.04it/s, bound:2 nc:  4 ncall:3.7e+04 eff:10.3% logz-
ratio=280.28+/-0.09 dlogz:10.321>0.1]

3770it [34:09,  4.91it/s, bound:2 nc:  9 ncall:3.7e+04 eff:10.3% logz-
ratio=280.29+/-0.09 dlogz:10.315>0.1]

3771it [34:09,  5.49it/s, bound:2 nc:  5 ncall:3.7e+04 eff:10.3% logz-
ratio=280.29+/-0.09 dlogz:10.308>0.1]

3773it [34:10,  5.58it/s, bound:2 nc:  7 ncall:3.7e+04 eff:10.3% logz-
ratio=280.30+/-0.09 dlogz:10.295>0.1]

3774it [34:10,  5.95it/s, bound:2 nc:  2 ncall:3.7e+04 eff:10.3% logz-
ratio=280.31+/-0.09 dlogz:10.288>0.1]

3775it [34:11,  2.83it/s, bound:2 nc: 10 ncall:3.7e+04 eff:10.3% logz-
ratio=280.32+/-0.09 dlogz:10.281>0.1]

3776it [34:11,  2.45it/s, bound:2 nc:  6 ncall:3.7e+04 eff:10.3% logz-
ratio=280.32+/-0.09 dlogz:10.275>0.1]

3777it [34:12,  2.86it/s, bound:2 nc:  3 ncall:3.7e+04 eff:10.3% logz-
ratio=280.33+/-0.09 dlogz:10.268>0.1]

3778it [34:12,  3.45it/s, bound:2 nc:  2 ncall:3.7e+04 eff:10.3% logz-
ratio=280.33+/-0.09 dlogz:10.261>0.1]

3779it [34:12,  4.06it/s, bound:2 nc:  2 ncall:3.7e+04 eff:10.3% logz-
ratio=280.34+/-0.09 dlogz:10.255>0.1]

3781it [34:12,  4.63it/s, bound:2 nc:  7 ncall:3.7e+04 eff:10.3% logz-
ratio=280.35+/-0.09 dlogz:10.242>0.1]

3782it [34:12,  4.34it/s, bound:2 nc:  8 ncall:3.7e+04 eff:10.3% logz-
ratio=280.36+/-0.09 dlogz:10.235>0.1]

3784it [34:13,  4.96it/s, bound:2 nc:  6 ncall:3.7e+04 eff:10.3% logz-
ratio=280.37+/-0.09 dlogz:10.222>0.1]

3785it [34:13,  5.67it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.3% logz-
ratio=280.37+/-0.09 dlogz:10.215>0.1]

3786it [34:13,  6.07it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.3% logz-
ratio=280.38+/-0.09 dlogz:10.209>0.1]
```

```
3787it [34:13,  6.35it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.3% logz-
ratio=280.38+/-0.09 dlogz:10.202>0.1]

3788it [34:13,  6.92it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.3% logz-
ratio=280.39+/-0.09 dlogz:10.196>0.1]

3789it [34:13,  7.48it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.3% logz-
ratio=280.39+/-0.09 dlogz:10.189>0.1]

3790it [34:13,  7.81it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.3% logz-
ratio=280.40+/-0.09 dlogz:10.183>0.1]

3792it [34:14,  8.91it/s, bound:3 nc:  2 ncall:3.7e+04 eff:10.4% logz-
ratio=280.41+/-0.09 dlogz:10.170>0.1]

3794it [34:14,  9.96it/s, bound:3 nc:  3 ncall:3.7e+04 eff:10.4% logz-
ratio=280.42+/-0.09 dlogz:10.157>0.1]

3796it [34:14,  7.88it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.4% logz-
ratio=280.43+/-0.09 dlogz:10.144>0.1]

3797it [34:15,  4.08it/s, bound:3 nc:  7 ncall:3.7e+04 eff:10.4% logz-
ratio=280.44+/-0.09 dlogz:10.137>0.1]

3798it [34:15,  3.68it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.44+/-0.09 dlogz:10.131>0.1]

3799it [34:15,  3.97it/s, bound:3 nc:  3 ncall:3.7e+04 eff:10.4% logz-
ratio=280.45+/-0.09 dlogz:10.124>0.1]

3800it [34:15,  3.83it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.4% logz-
ratio=280.46+/-0.09 dlogz:10.117>0.1]

3801it [34:16,  3.75it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.4% logz-
ratio=280.46+/-0.09 dlogz:10.111>0.1]

3802it [34:16,  3.49it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.47+/-0.09 dlogz:10.104>0.1]

3803it [34:16,  4.10it/s, bound:3 nc:  2 ncall:3.7e+04 eff:10.4% logz-
ratio=280.47+/-0.09 dlogz:10.098>0.1]

3804it [34:16,  4.67it/s, bound:3 nc:  2 ncall:3.7e+04 eff:10.4% logz-
ratio=280.48+/-0.09 dlogz:10.091>0.1]

3805it [34:17,  4.02it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.48+/-0.09 dlogz:10.084>0.1]
```

```
3806it [34:17,  3.03it/s, bound:3 nc:  7 ncall:3.7e+04 eff:10.4% logz-
ratio=280.49+/-0.09 dlogz:10.078>0.1]

3807it [34:17,  3.64it/s, bound:3 nc:  2 ncall:3.7e+04 eff:10.4% logz-
ratio=280.49+/-0.09 dlogz:10.071>0.1]

3808it [34:18,  3.65it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.4% logz-
ratio=280.50+/-0.09 dlogz:10.064>0.1]

3809it [34:18,  3.42it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.51+/-0.09 dlogz:10.058>0.1]

3810it [34:18,  3.95it/s, bound:3 nc:  3 ncall:3.7e+04 eff:10.4% logz-
ratio=280.51+/-0.09 dlogz:10.051>0.1]

3811it [34:18,  4.71it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.52+/-0.09 dlogz:10.045>0.1]

3812it [34:18,  5.41it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.52+/-0.09 dlogz:10.038>0.1]

3814it [34:18,  6.31it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.4% logz-
ratio=280.53+/-0.09 dlogz:10.025>0.1]

3816it [34:19,  6.59it/s, bound:3 nc:  7 ncall:3.7e+04 eff:10.4% logz-
ratio=280.54+/-0.09 dlogz:10.013>0.1]

3817it [34:19,  7.07it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.4% logz-
ratio=280.55+/-0.09 dlogz:10.006>0.1]

3818it [34:19,  6.32it/s, bound:3 nc:  6 ncall:3.7e+04 eff:10.4% logz-
ratio=280.55+/-0.09 dlogz:10.000>0.1]

3819it [34:19,  5.07it/s, bound:3 nc:  9 ncall:3.7e+04 eff:10.4% logz-
ratio=280.56+/-0.09 dlogz:9.993>0.1]

3820it [34:20,  5.43it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.57+/-0.09 dlogz:9.987>0.1]

3821it [34:20,  6.08it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.4% logz-
ratio=280.57+/-0.09 dlogz:9.980>0.1]

3823it [34:20,  7.64it/s, bound:3 nc:  2 ncall:3.7e+04 eff:10.4% logz-
ratio=280.58+/-0.09 dlogz:9.968>0.1]

3825it [34:20,  7.55it/s, bound:3 nc:  2 ncall:3.7e+04 eff:10.4% logz-
ratio=280.59+/-0.09 dlogz:9.955>0.1]
```

```
3826it [34:21,  3.99it/s, bound:3 nc:  7 ncall:3.7e+04 eff:10.4% logz-
ratio=280.60+/-0.09 dlogz:9.949>0.1]

3827it [34:21,  3.91it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.4% logz-
ratio=280.60+/-0.09 dlogz:9.942>0.1]

3828it [34:22,  2.21it/s, bound:3 nc: 11 ncall:3.7e+04 eff:10.4% logz-
ratio=280.61+/-0.09 dlogz:9.936>0.1]

3829it [34:22,  2.64it/s, bound:3 nc:  3 ncall:3.7e+04 eff:10.4% logz-
ratio=280.61+/-0.09 dlogz:9.930>0.1]

3830it [34:22,  2.90it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.4% logz-
ratio=280.62+/-0.09 dlogz:9.923>0.1]

3831it [34:23,  2.64it/s, bound:3 nc:  6 ncall:3.7e+04 eff:10.4% logz-
ratio=280.62+/-0.09 dlogz:9.917>0.1]

3832it [34:23,  2.16it/s, bound:3 nc:  9 ncall:3.7e+04 eff:10.4% logz-
ratio=280.63+/-0.09 dlogz:9.911>0.1]

3833it [34:24,  2.47it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.4% logz-
ratio=280.63+/-0.09 dlogz:9.904>0.1]

3834it [34:24,  2.28it/s, bound:3 nc:  7 ncall:3.7e+04 eff:10.4% logz-
ratio=280.64+/-0.09 dlogz:9.898>0.1]

3835it [34:24,  2.92it/s, bound:3 nc:  3 ncall:3.7e+04 eff:10.4% logz-
ratio=280.65+/-0.09 dlogz:9.892>0.1]

3837it [34:24,  3.84it/s, bound:3 nc:  3 ncall:3.7e+04 eff:10.4% logz-
ratio=280.66+/-0.09 dlogz:9.879>0.1]

3838it [34:25,  4.35it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.66+/-0.09 dlogz:9.872>0.1]

3839it [34:25,  4.31it/s, bound:3 nc:  8 ncall:3.7e+04 eff:10.4% logz-
ratio=280.67+/-0.09 dlogz:9.866>0.1]

3840it [34:25,  4.55it/s, bound:3 nc:  6 ncall:3.7e+04 eff:10.4% logz-
ratio=280.67+/-0.09 dlogz:9.859>0.1]

3841it [34:25,  4.76it/s, bound:3 nc:  6 ncall:3.7e+04 eff:10.4% logz-
ratio=280.68+/-0.09 dlogz:9.853>0.1]

3842it [34:25,  5.58it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.4% logz-
ratio=280.68+/-0.09 dlogz:9.847>0.1]
```

```
3843it [34:25,  5.98it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.69+/-0.09 dlogz:9.840>0.1]

3845it [34:26,  6.63it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.70+/-0.09 dlogz:9.827>0.1]

3846it [34:26,  4.98it/s, bound:3 nc: 10 ncall:3.7e+04 eff:10.4% logz-
ratio=280.71+/-0.09 dlogz:9.821>0.1]

3847it [34:26,  5.16it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.71+/-0.09 dlogz:9.814>0.1]

3848it [34:26,  4.21it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.72+/-0.09 dlogz:9.808>0.1]

3849it [34:27,  2.65it/s, bound:3 nc: 10 ncall:3.7e+04 eff:10.4% logz-
ratio=280.72+/-0.09 dlogz:9.801>0.1]

3850it [34:27,  2.75it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.73+/-0.09 dlogz:9.794>0.1]

3851it [34:28,  2.83it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.73+/-0.09 dlogz:9.788>0.1]

3852it [34:28,  2.90it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.74+/-0.09 dlogz:9.781>0.1]

3854it [34:28,  3.74it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.4% logz-
ratio=280.75+/-0.09 dlogz:9.768>0.1]

3856it [34:29,  4.28it/s, bound:3 nc:  8 ncall:3.7e+04 eff:10.4% logz-
ratio=280.76+/-0.09 dlogz:9.755>0.1]

3858it [34:29,  4.83it/s, bound:3 nc:  7 ncall:3.7e+04 eff:10.4% logz-
ratio=280.77+/-0.09 dlogz:9.742>0.1]

3859it [34:29,  5.41it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.4% logz-
ratio=280.78+/-0.09 dlogz:9.735>0.1]

3861it [34:29,  6.64it/s, bound:3 nc:  2 ncall:3.7e+04 eff:10.4% logz-
ratio=280.79+/-0.09 dlogz:9.722>0.1]

3862it [34:29,  6.76it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=280.80+/-0.09 dlogz:9.715>0.1]

3863it [34:29,  6.87it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=280.80+/-0.09 dlogz:9.708>0.1]
```

```
3864it [34:30,  7.23it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=280.81+/-0.09 dlogz:9.702>0.1]

3865it [34:30,  4.44it/s, bound:3 nc: 13 ncall:3.7e+04 eff:10.5% logz-
ratio=280.81+/-0.09 dlogz:9.695>0.1]

3866it [34:30,  4.08it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=280.82+/-0.09 dlogz:9.688>0.1]

3867it [34:31,  3.67it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=280.82+/-0.09 dlogz:9.682>0.1]

3868it [34:31,  3.43it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=280.83+/-0.09 dlogz:9.675>0.1]

3869it [34:31,  3.75it/s, bound:3 nc:  3 ncall:3.7e+04 eff:10.5% logz-
ratio=280.83+/-0.09 dlogz:9.669>0.1]

3870it [34:32,  2.20it/s, bound:3 nc: 12 ncall:3.7e+04 eff:10.5% logz-
ratio=280.84+/-0.09 dlogz:9.662>0.1]

3871it [34:32,  2.49it/s, bound:3 nc:  8 ncall:3.7e+04 eff:10.5% logz-
ratio=280.85+/-0.09 dlogz:9.655>0.1]

3872it [34:32,  3.19it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=280.85+/-0.09 dlogz:9.649>0.1]

3873it [34:33,  3.17it/s, bound:3 nc: 10 ncall:3.7e+04 eff:10.5% logz-
ratio=280.86+/-0.09 dlogz:9.642>0.1]

3874it [34:33,  3.80it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=280.86+/-0.09 dlogz:9.636>0.1]

3875it [34:33,  4.43it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=280.87+/-0.09 dlogz:9.629>0.1]

3876it [34:33,  4.94it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=280.87+/-0.09 dlogz:9.623>0.1]

3878it [34:33,  5.38it/s, bound:3 nc:  7 ncall:3.7e+04 eff:10.5% logz-
ratio=280.88+/-0.09 dlogz:9.610>0.1]

3879it [34:34,  5.66it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=280.89+/-0.09 dlogz:9.603>0.1]

3880it [34:34,  5.88it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=280.90+/-0.09 dlogz:9.597>0.1]
```

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3881it [34:34,  6.55it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=280.90+/-0.09 dlogz:9.590>0.1]

3883it [34:34,  5.80it/s, bound:3 nc:  6 ncall:3.7e+04 eff:10.5% logz-
ratio=280.91+/-0.09 dlogz:9.577>0.1]

3884it [34:35,  4.94it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=280.92+/-0.09 dlogz:9.571>0.1]

3885it [34:35,  3.09it/s, bound:3 nc:  8 ncall:3.7e+04 eff:10.5% logz-
ratio=280.92+/-0.09 dlogz:9.564>0.1]

3886it [34:36,  3.22it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=280.93+/-0.09 dlogz:9.558>0.1]

3887it [34:37,  1.55it/s, bound:3 nc: 18 ncall:3.7e+04 eff:10.5% logz-
ratio=280.93+/-0.10 dlogz:9.551>0.1]

3888it [34:37,  1.82it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=280.94+/-0.10 dlogz:9.545>0.1]

3889it [34:38,  1.79it/s, bound:3 nc:  8 ncall:3.7e+04 eff:10.5% logz-
ratio=280.95+/-0.10 dlogz:9.538>0.1]

3890it [34:38,  2.11it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=280.95+/-0.10 dlogz:9.532>0.1]

3891it [34:38,  2.51it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=280.96+/-0.10 dlogz:9.525>0.1]

3892it [34:38,  3.20it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=280.96+/-0.10 dlogz:9.519>0.1]

3893it [34:39,  3.85it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=280.97+/-0.10 dlogz:9.512>0.1]

3894it [34:39,  4.63it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=280.97+/-0.10 dlogz:9.506>0.1]

3895it [34:39,  5.20it/s, bound:3 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=280.98+/-0.10 dlogz:9.499>0.1]

3896it [34:39,  5.92it/s, bound:3 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=280.98+/-0.10 dlogz:9.493>0.1]

3897it [34:39,  4.59it/s, bound:3 nc: 10 ncall:3.7e+04 eff:10.5% logz-
ratio=280.99+/-0.10 dlogz:9.486>0.1]
```

3898it [34:40, 3.77it/s, bound:3 nc: 11 ncall:3.7e+04 eff:10.5% logz-ratio=281.00+/-0.10 dlogz:9.480>0.1]

3899it [34:40, 4.47it/s, bound:3 nc: 4 ncall:3.7e+04 eff:10.5% logz-ratio=281.00+/-0.10 dlogz:9.473>0.1]

3901it [34:40, 5.49it/s, bound:3 nc: 3 ncall:3.7e+04 eff:10.5% logz-ratio=281.01+/-0.10 dlogz:9.459>0.1]

3902it [34:40, 4.89it/s, bound:3 nc: 8 ncall:3.7e+04 eff:10.5% logz-ratio=281.02+/-0.10 dlogz:9.453>0.1]

3903it [34:40, 4.37it/s, bound:3 nc: 4 ncall:3.7e+04 eff:10.5% logz-ratio=281.02+/-0.10 dlogz:9.446>0.1]

3904it [34:41, 3.72it/s, bound:4 nc: 5 ncall:3.7e+04 eff:10.5% logz-ratio=281.03+/-0.10 dlogz:9.439>0.1]

3905it [34:42, 2.13it/s, bound:4 nc: 12 ncall:3.7e+04 eff:10.5% logz-ratio=281.03+/-0.10 dlogz:9.433>0.1]

3906it [34:42, 2.44it/s, bound:4 nc: 4 ncall:3.7e+04 eff:10.5% logz-ratio=281.04+/-0.10 dlogz:9.426>0.1]

3907it [34:42, 2.41it/s, bound:4 nc: 10 ncall:3.7e+04 eff:10.5% logz-ratio=281.05+/-0.10 dlogz:9.419>0.1]

3908it [34:43, 2.84it/s, bound:4 nc: 7 ncall:3.7e+04 eff:10.5% logz-ratio=281.05+/-0.10 dlogz:9.413>0.1]

3910it [34:43, 3.76it/s, bound:4 nc: 2 ncall:3.7e+04 eff:10.5% logz-ratio=281.06+/-0.10 dlogz:9.399>0.1]

3911it [34:43, 3.40it/s, bound:4 nc: 11 ncall:3.7e+04 eff:10.5% logz-ratio=281.07+/-0.10 dlogz:9.393>0.1]

3912it [34:43, 4.01it/s, bound:4 nc: 5 ncall:3.7e+04 eff:10.5% logz-ratio=281.07+/-0.10 dlogz:9.386>0.1]

3913it [34:43, 4.52it/s, bound:4 nc: 4 ncall:3.7e+04 eff:10.5% logz-ratio=281.08+/-0.10 dlogz:9.379>0.1]

3914it [34:44, 5.07it/s, bound:4 nc: 4 ncall:3.7e+04 eff:10.5% logz-ratio=281.09+/-0.10 dlogz:9.373>0.1]

3915it [34:44, 5.88it/s, bound:4 nc: 3 ncall:3.7e+04 eff:10.5% logz-ratio=281.09+/-0.10 dlogz:9.366>0.1]

```
3916it [34:44,  5.18it/s, bound:4 nc:  6 ncall:3.7e+04 eff:10.5% logz-
ratio=281.10+/-0.10 dlogz:9.360>0.1]

3917it [34:44,  5.60it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=281.10+/-0.10 dlogz:9.353>0.1]

3919it [34:45,  5.35it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=281.11+/-0.10 dlogz:9.340>0.1]

3920it [34:45,  5.71it/s, bound:4 nc:  2 ncall:3.7e+04 eff:10.5% logz-
ratio=281.12+/-0.10 dlogz:9.333>0.1]

3921it [34:45,  2.81it/s, bound:4 nc: 10 ncall:3.7e+04 eff:10.5% logz-
ratio=281.12+/-0.10 dlogz:9.327>0.1]

3922it [34:46,  3.21it/s, bound:4 nc:  3 ncall:3.7e+04 eff:10.5% logz-
ratio=281.13+/-0.10 dlogz:9.320>0.1]

3923it [34:46,  3.55it/s, bound:4 nc:  3 ncall:3.7e+04 eff:10.5% logz-
ratio=281.14+/-0.10 dlogz:9.314>0.1]

3924it [34:46,  4.14it/s, bound:4 nc:  2 ncall:3.7e+04 eff:10.5% logz-
ratio=281.14+/-0.10 dlogz:9.307>0.1]

3925it [34:47,  3.23it/s, bound:4 nc:  6 ncall:3.7e+04 eff:10.5% logz-
ratio=281.15+/-0.10 dlogz:9.301>0.1]

3926it [34:47,  2.55it/s, bound:4 nc:  8 ncall:3.7e+04 eff:10.5% logz-
ratio=281.15+/-0.10 dlogz:9.294>0.1]

3927it [34:47,  3.13it/s, bound:4 nc:  2 ncall:3.7e+04 eff:10.5% logz-
ratio=281.16+/-0.10 dlogz:9.288>0.1]

3928it [34:48,  2.50it/s, bound:4 nc:  8 ncall:3.7e+04 eff:10.5% logz-
ratio=281.16+/-0.10 dlogz:9.281>0.1]

3929it [34:48,  2.77it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=281.17+/-0.10 dlogz:9.275>0.1]

3930it [34:48,  2.70it/s, bound:4 nc:  6 ncall:3.7e+04 eff:10.5% logz-
ratio=281.17+/-0.10 dlogz:9.268>0.1]

3931it [34:49,  3.11it/s, bound:4 nc:  8 ncall:3.7e+04 eff:10.5% logz-
ratio=281.18+/-0.10 dlogz:9.262>0.1]

3932it [34:49,  3.83it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=281.18+/-0.10 dlogz:9.256>0.1]
```

```
3934it [34:49,  4.63it/s, bound:4 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=281.20+/-0.10 dlogz:9.243>0.1]

3936it [34:49,  5.61it/s, bound:4 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=281.21+/-0.10 dlogz:9.230>0.1]

3937it [34:50,  3.66it/s, bound:4 nc: 15 ncall:3.7e+04 eff:10.5% logz-
ratio=281.21+/-0.10 dlogz:9.224>0.1]

3938it [34:50,  4.43it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=281.22+/-0.10 dlogz:9.218>0.1]

3939it [34:50,  3.13it/s, bound:4 nc: 15 ncall:3.7e+04 eff:10.5% logz-
ratio=281.22+/-0.10 dlogz:9.211>0.1]

3940it [34:51,  3.27it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=281.23+/-0.10 dlogz:9.205>0.1]

3941it [34:51,  3.18it/s, bound:4 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=281.23+/-0.10 dlogz:9.198>0.1]

3942it [34:51,  3.31it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=281.24+/-0.10 dlogz:9.192>0.1]

3943it [34:51,  3.62it/s, bound:4 nc:  3 ncall:3.7e+04 eff:10.5% logz-
ratio=281.24+/-0.10 dlogz:9.185>0.1]

3944it [34:52,  3.43it/s, bound:4 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=281.25+/-0.10 dlogz:9.179>0.1]

3945it [34:52,  3.28it/s, bound:4 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=281.26+/-0.10 dlogz:9.172>0.1]

3946it [34:53,  2.07it/s, bound:4 nc: 12 ncall:3.7e+04 eff:10.5% logz-
ratio=281.26+/-0.10 dlogz:9.166>0.1]

3947it [34:53,  2.39it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=281.27+/-0.10 dlogz:9.159>0.1]

3948it [34:54,  2.67it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=281.27+/-0.10 dlogz:9.153>0.1]

3949it [34:54,  2.78it/s, bound:4 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=281.28+/-0.10 dlogz:9.146>0.1]

3950it [34:54,  2.84it/s, bound:4 nc:  5 ncall:3.7e+04 eff:10.5% logz-
ratio=281.28+/-0.10 dlogz:9.140>0.1]
```

```
3951it [34:55,  2.64it/s, bound:4 nc:  7 ncall:3.7e+04 eff:10.5% logz-
ratio=281.29+/-0.10 dlogz:9.133>0.1]

3952it [34:55,  2.66it/s, bound:4 nc: 14 ncall:3.7e+04 eff:10.5% logz-
ratio=281.29+/-0.10 dlogz:9.127>0.1]

3953it [34:55,  3.14it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=281.30+/-0.10 dlogz:9.120>0.1]

3954it [34:55,  3.83it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.5% logz-
ratio=281.30+/-0.10 dlogz:9.114>0.1]

3955it [34:55,  4.61it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.6% logz-
ratio=281.31+/-0.10 dlogz:9.107>0.1]

3956it [34:56,  5.43it/s, bound:4 nc:  4 ncall:3.7e+04 eff:10.6% logz-
ratio=281.32+/-0.10 dlogz:9.101>0.1]

3957it [34:56,  5.56it/s, bound:4 nc:  5 ncall:3.7e+04 eff:10.6% logz-
ratio=281.32+/-0.10 dlogz:9.094>0.1]

3958it [34:56,  5.11it/s, bound:4 nc:  7 ncall:3.8e+04 eff:10.6% logz-
ratio=281.33+/-0.10 dlogz:9.088>0.1]

3960it [34:56,  6.22it/s, bound:4 nc:  3 ncall:3.8e+04 eff:10.6% logz-
ratio=281.34+/-0.10 dlogz:9.075>0.1]

3961it [34:56,  5.41it/s, bound:4 nc:  8 ncall:3.8e+04 eff:10.6% logz-
ratio=281.34+/-0.10 dlogz:9.068>0.1]

3962it [34:57,  3.90it/s, bound:4 nc:  7 ncall:3.8e+04 eff:10.6% logz-
ratio=281.35+/-0.10 dlogz:9.062>0.1]

3963it [34:57,  3.58it/s, bound:4 nc:  5 ncall:3.8e+04 eff:10.6% logz-
ratio=281.35+/-0.10 dlogz:9.056>0.1]

3964it [34:57,  3.36it/s, bound:4 nc:  5 ncall:3.8e+04 eff:10.6% logz-
ratio=281.36+/-0.10 dlogz:9.049>0.1]

3965it [34:58,  3.67it/s, bound:4 nc:  3 ncall:3.8e+04 eff:10.6% logz-
ratio=281.36+/-0.10 dlogz:9.043>0.1]

3966it [34:58,  2.79it/s, bound:4 nc:  6 ncall:3.8e+04 eff:10.6% logz-
ratio=281.37+/-0.10 dlogz:9.036>0.1]

3967it [34:59,  2.20it/s, bound:4 nc:  9 ncall:3.8e+04 eff:10.6% logz-
ratio=281.38+/-0.10 dlogz:9.030>0.1]
```

3968it [34:59, 2.35it/s, bound:4 nc: 5 ncall:3.8e+04 eff:10.6% logz-ratio=281.38+/-0.10 dlogz:9.024>0.1]

3969it [35:00, 2.61it/s, bound:4 nc: 4 ncall:3.8e+04 eff:10.6% logz-ratio=281.39+/-0.10 dlogz:9.017>0.1]

3970it [35:00, 2.72it/s, bound:4 nc: 5 ncall:3.8e+04 eff:10.6% logz-ratio=281.39+/-0.10 dlogz:9.011>0.1]

3971it [35:01, 1.92it/s, bound:4 nc: 13 ncall:3.8e+04 eff:10.6% logz-ratio=281.40+/-0.10 dlogz:9.005>0.1]

3972it [35:01, 2.50it/s, bound:4 nc: 5 ncall:3.8e+04 eff:10.6% logz-ratio=281.40+/-0.10 dlogz:8.998>0.1]

3973it [35:01, 3.12it/s, bound:4 nc: 5 ncall:3.8e+04 eff:10.6% logz-ratio=281.41+/-0.10 dlogz:8.992>0.1]

3974it [35:01, 3.89it/s, bound:4 nc: 4 ncall:3.8e+04 eff:10.6% logz-ratio=281.41+/-0.10 dlogz:8.985>0.1]

3975it [35:01, 4.62it/s, bound:4 nc: 4 ncall:3.8e+04 eff:10.6% logz-ratio=281.42+/-0.10 dlogz:8.979>0.1]

3977it [35:02, 4.79it/s, bound:4 nc: 10 ncall:3.8e+04 eff:10.6% logz-ratio=281.43+/-0.10 dlogz:8.966>0.1]

3979it [35:02, 5.48it/s, bound:4 nc: 6 ncall:3.8e+04 eff:10.6% logz-ratio=281.44+/-0.10 dlogz:8.954>0.1]

3980it [35:02, 6.10it/s, bound:4 nc: 4 ncall:3.8e+04 eff:10.6% logz-ratio=281.45+/-0.10 dlogz:8.947>0.1]

3981it [35:02, 6.79it/s, bound:4 nc: 4 ncall:3.8e+04 eff:10.6% logz-ratio=281.45+/-0.10 dlogz:8.941>0.1]

3983it [35:02, 6.81it/s, bound:4 nc: 7 ncall:3.8e+04 eff:10.6% logz-ratio=281.46+/-0.10 dlogz:8.929>0.1]

3984it [35:03, 2.92it/s, bound:4 nc: 13 ncall:3.8e+04 eff:10.6% logz-ratio=281.47+/-0.10 dlogz:8.922>0.1]

3985it [35:04, 2.51it/s, bound:4 nc: 7 ncall:3.8e+04 eff:10.6% logz-ratio=281.47+/-0.10 dlogz:8.916>0.1]

3986it [35:04, 2.65it/s, bound:4 nc: 5 ncall:3.8e+04 eff:10.6% logz-ratio=281.48+/-0.10 dlogz:8.910>0.1]

```
3987it [35:04,  2.89it/s, bound:4 nc:  4 ncall:3.8e+04 eff:10.6% logz-
ratio=281.48+/-0.10 dlogz:8.904>0.1]

3988it [35:05,  2.91it/s, bound:4 nc:  5 ncall:3.8e+04 eff:10.6% logz-
ratio=281.49+/-0.10 dlogz:8.897>0.1]

3989it [35:05,  3.09it/s, bound:4 nc:  4 ncall:3.8e+04 eff:10.6% logz-
ratio=281.49+/-0.10 dlogz:8.891>0.1]

3990it [35:05,  3.45it/s, bound:4 nc:  3 ncall:3.8e+04 eff:10.6% logz-
ratio=281.50+/-0.10 dlogz:8.885>0.1]

3991it [35:05,  3.74it/s, bound:4 nc:  3 ncall:3.8e+04 eff:10.6% logz-
ratio=281.50+/-0.10 dlogz:8.879>0.1]

3992it [35:06,  3.44it/s, bound:4 nc:  5 ncall:3.8e+04 eff:10.6% logz-
ratio=281.51+/-0.10 dlogz:8.873>0.1]

3993it [35:06,  4.02it/s, bound:4 nc:  2 ncall:3.8e+04 eff:10.6% logz-
ratio=281.51+/-0.10 dlogz:8.867>0.1]

3994it [35:06,  2.80it/s, bound:4 nc:  8 ncall:3.8e+04 eff:10.6% logz-
ratio=281.52+/-0.10 dlogz:8.860>0.1]

3995it [35:07,  3.40it/s, bound:4 nc:  2 ncall:3.8e+04 eff:10.6% logz-
ratio=281.52+/-0.10 dlogz:8.854>0.1]

3996it [35:07,  3.47it/s, bound:4 nc:  4 ncall:3.8e+04 eff:10.6% logz-
ratio=281.53+/-0.10 dlogz:8.848>0.1]

3997it [35:07,  3.29it/s, bound:4 nc:  4 ncall:3.8e+04 eff:10.6% logz-
ratio=281.53+/-0.10 dlogz:8.842>0.1]

3998it [35:08,  3.40it/s, bound:4 nc:  4 ncall:3.8e+04 eff:10.6% logz-
ratio=281.54+/-0.10 dlogz:8.836>0.1]

3999it [35:08,  2.50it/s, bound:4 nc:  9 ncall:3.8e+04 eff:10.6% logz-
ratio=281.54+/-0.10 dlogz:8.829>0.1]

4000it [35:08,  2.64it/s, bound:4 nc:  5 ncall:3.8e+04 eff:10.6% logz-
ratio=281.55+/-0.10 dlogz:8.823>0.1]

4001it [35:09,  2.14it/s, bound:4 nc: 14 ncall:3.8e+04 eff:10.6% logz-
ratio=281.55+/-0.10 dlogz:8.817>0.1]

4002it [35:09,  2.80it/s, bound:4 nc:  4 ncall:3.8e+04 eff:10.6% logz-
ratio=281.56+/-0.10 dlogz:8.811>0.1]
```

```
4003it [35:09,  3.31it/s, bound:4 nc:  6 ncall:3.8e+04 eff:10.6% logz-
ratio=281.56+/-0.10 dlogz:8.805>0.1]

4004it [35:10,  3.49it/s, bound:4 nc:  8 ncall:3.8e+04 eff:10.6% logz-
ratio=281.57+/-0.10 dlogz:8.799>0.1]

4005it [35:10,  3.30it/s, bound:4 nc: 10 ncall:3.8e+04 eff:10.6% logz-
ratio=281.57+/-0.10 dlogz:8.792>0.1]

4006it [35:10,  3.88it/s, bound:4 nc:  5 ncall:3.8e+04 eff:10.6% logz-
ratio=281.58+/-0.10 dlogz:8.786>0.1]

4007it [35:10,  4.59it/s, bound:4 nc:  4 ncall:3.8e+04 eff:10.6% logz-
ratio=281.59+/-0.10 dlogz:8.780>0.1]

4008it [35:11,  4.25it/s, bound:4 nc:  8 ncall:3.8e+04 eff:10.6% logz-
ratio=281.59+/-0.10 dlogz:8.774>0.1]

4009it [35:11,  4.74it/s, bound:4 nc:  5 ncall:3.8e+04 eff:10.6% logz-
ratio=281.60+/-0.10 dlogz:8.768>0.1]

4010it [35:11,  3.64it/s, bound:4 nc:  8 ncall:3.8e+04 eff:10.6% logz-
ratio=281.60+/-0.10 dlogz:8.762>0.1]

4011it [35:11,  3.93it/s, bound:4 nc:  3 ncall:3.8e+04 eff:10.6% logz-
ratio=281.61+/-0.10 dlogz:8.756>0.1]

4012it [35:12,  3.78it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.6% logz-
ratio=281.61+/-0.10 dlogz:8.750>0.1]

4013it [35:12,  3.11it/s, bound:5 nc:  6 ncall:3.8e+04 eff:10.6% logz-
ratio=281.62+/-0.10 dlogz:8.743>0.1]

4014it [35:12,  3.28it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.6% logz-
ratio=281.62+/-0.10 dlogz:8.737>0.1]

4015it [35:13,  3.17it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.6% logz-
ratio=281.63+/-0.10 dlogz:8.731>0.1]

4016it [35:13,  3.20it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.6% logz-
ratio=281.63+/-0.10 dlogz:8.725>0.1]

4018it [35:13,  4.02it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.6% logz-
ratio=281.64+/-0.10 dlogz:8.713>0.1]

4020it [35:13,  4.99it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.6% logz-
ratio=281.65+/-0.10 dlogz:8.701>0.1]
```

4021it [35:14, 5.41it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.6% logz-ratio=281.66+/-0.10 dlogz:8.694>0.1]

4022it [35:14, 6.08it/s, bound:5 nc: 4 ncall:3.8e+04 eff:10.6% logz-ratio=281.66+/-0.10 dlogz:8.688>0.1]

4024it [35:14, 6.89it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.6% logz-ratio=281.67+/-0.10 dlogz:8.676>0.1]

4026it [35:14, 8.21it/s, bound:5 nc: 3 ncall:3.8e+04 eff:10.6% logz-ratio=281.68+/-0.10 dlogz:8.664>0.1]

4028it [35:14, 7.43it/s, bound:5 nc: 7 ncall:3.8e+04 eff:10.6% logz-ratio=281.69+/-0.10 dlogz:8.652>0.1]

4030it [35:15, 7.93it/s, bound:5 nc: 4 ncall:3.8e+04 eff:10.6% logz-ratio=281.70+/-0.10 dlogz:8.640>0.1]

4031it [35:15, 5.92it/s, bound:5 nc: 8 ncall:3.8e+04 eff:10.6% logz-ratio=281.71+/-0.10 dlogz:8.634>0.1]

4032it [35:15, 5.27it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.6% logz-ratio=281.71+/-0.10 dlogz:8.628>0.1]

4033it [35:16, 3.41it/s, bound:5 nc: 7 ncall:3.8e+04 eff:10.6% logz-ratio=281.72+/-0.10 dlogz:8.621>0.1]

4034it [35:16, 2.63it/s, bound:5 nc: 8 ncall:3.8e+04 eff:10.6% logz-ratio=281.72+/-0.10 dlogz:8.615>0.1]

4035it [35:16, 2.72it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.6% logz-ratio=281.73+/-0.10 dlogz:8.609>0.1]

4036it [35:17, 3.13it/s, bound:5 nc: 3 ncall:3.8e+04 eff:10.6% logz-ratio=281.73+/-0.10 dlogz:8.603>0.1]

4037it [35:17, 3.48it/s, bound:5 nc: 3 ncall:3.8e+04 eff:10.6% logz-ratio=281.74+/-0.10 dlogz:8.597>0.1]

4038it [35:17, 3.53it/s, bound:5 nc: 4 ncall:3.8e+04 eff:10.6% logz-ratio=281.74+/-0.10 dlogz:8.591>0.1]

4039it [35:18, 3.14it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.7% logz-ratio=281.75+/-0.10 dlogz:8.585>0.1]

4040it [35:18, 3.51it/s, bound:5 nc: 3 ncall:3.8e+04 eff:10.7% logz-ratio=281.75+/-0.10 dlogz:8.579>0.1]

```
4041it [35:18,  2.81it/s, bound:5 nc:  7 ncall:3.8e+04 eff:10.7% logz-
ratio=281.76+/-0.10 dlogz:8.573>0.1]

4042it [35:18,  3.40it/s, bound:5 nc:  2 ncall:3.8e+04 eff:10.7% logz-
ratio=281.76+/-0.10 dlogz:8.567>0.1]

4043it [35:19,  3.47it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.77+/-0.10 dlogz:8.561>0.1]

4044it [35:19,  3.53it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.77+/-0.10 dlogz:8.555>0.1]

4045it [35:19,  3.75it/s, bound:5 nc:  6 ncall:3.8e+04 eff:10.7% logz-
ratio=281.78+/-0.10 dlogz:8.549>0.1]

4047it [35:19,  4.65it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.79+/-0.10 dlogz:8.537>0.1]

4049it [35:20,  4.42it/s, bound:5 nc: 14 ncall:3.8e+04 eff:10.7% logz-
ratio=281.80+/-0.10 dlogz:8.525>0.1]

4051it [35:20,  5.29it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.7% logz-
ratio=281.81+/-0.10 dlogz:8.514>0.1]

4052it [35:20,  4.80it/s, bound:5 nc:  8 ncall:3.8e+04 eff:10.7% logz-
ratio=281.81+/-0.10 dlogz:8.508>0.1]

4053it [35:21,  4.00it/s, bound:5 nc: 10 ncall:3.8e+04 eff:10.7% logz-
ratio=281.82+/-0.10 dlogz:8.502>0.1]

4054it [35:21,  4.84it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.82+/-0.10 dlogz:8.496>0.1]

4056it [35:21,  5.74it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.83+/-0.10 dlogz:8.484>0.1]

4057it [35:21,  6.05it/s, bound:5 nc:  2 ncall:3.8e+04 eff:10.7% logz-
ratio=281.84+/-0.10 dlogz:8.478>0.1]

4058it [35:22,  2.85it/s, bound:5 nc:  9 ncall:3.8e+04 eff:10.7% logz-
ratio=281.84+/-0.10 dlogz:8.472>0.1]

4059it [35:23,  2.10it/s, bound:5 nc: 10 ncall:3.8e+04 eff:10.7% logz-
ratio=281.85+/-0.10 dlogz:8.467>0.1]

4060it [35:23,  2.65it/s, bound:5 nc:  2 ncall:3.8e+04 eff:10.7% logz-
ratio=281.85+/-0.10 dlogz:8.461>0.1]
```

```
4061it [35:23,  2.74it/s, bound:5 nc:  7 ncall:3.8e+04 eff:10.7% logz-
ratio=281.86+/-0.10 dlogz:8.455>0.1]

4062it [35:23,  3.03it/s, bound:5 nc:  9 ncall:3.8e+04 eff:10.7% logz-
ratio=281.86+/-0.10 dlogz:8.449>0.1]

4063it [35:24,  3.73it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.87+/-0.10 dlogz:8.443>0.1]

4065it [35:24,  4.76it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.88+/-0.10 dlogz:8.432>0.1]

4066it [35:24,  4.25it/s, bound:5 nc: 10 ncall:3.8e+04 eff:10.7% logz-
ratio=281.88+/-0.10 dlogz:8.426>0.1]

4068it [35:24,  5.34it/s, bound:5 nc:  2 ncall:3.8e+04 eff:10.7% logz-
ratio=281.89+/-0.10 dlogz:8.414>0.1]

4069it [35:24,  5.91it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.89+/-0.10 dlogz:8.408>0.1]

4070it [35:25,  5.37it/s, bound:5 nc:  7 ncall:3.8e+04 eff:10.7% logz-
ratio=281.90+/-0.10 dlogz:8.403>0.1]

4071it [35:25,  6.13it/s, bound:5 nc:  3 ncall:3.8e+04 eff:10.7% logz-
ratio=281.90+/-0.10 dlogz:8.397>0.1]

4072it [35:25,  6.26it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.7% logz-
ratio=281.91+/-0.10 dlogz:8.391>0.1]

4074it [35:25,  7.05it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.92+/-0.10 dlogz:8.380>0.1]

4075it [35:25,  5.72it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.92+/-0.10 dlogz:8.374>0.1]

4076it [35:26,  4.15it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.7% logz-
ratio=281.93+/-0.10 dlogz:8.368>0.1]

4077it [35:26,  3.97it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.93+/-0.10 dlogz:8.362>0.1]

4078it [35:26,  3.62it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.7% logz-
ratio=281.94+/-0.10 dlogz:8.357>0.1]

4079it [35:27,  3.65it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.94+/-0.10 dlogz:8.351>0.1]
```

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4080it [35:27,  3.95it/s, bound:5 nc:  3 ncall:3.8e+04 eff:10.7% logz-
ratio=281.95+/-0.10 dlogz:8.345>0.1]

4081it [35:27,  3.19it/s, bound:5 nc:  6 ncall:3.8e+04 eff:10.7% logz-
ratio=281.95+/-0.10 dlogz:8.340>0.1]

4082it [35:27,  3.33it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.96+/-0.10 dlogz:8.334>0.1]

4083it [35:28,  2.59it/s, bound:5 nc:  8 ncall:3.8e+04 eff:10.7% logz-
ratio=281.96+/-0.10 dlogz:8.328>0.1]

4084it [35:28,  2.84it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=281.97+/-0.10 dlogz:8.323>0.1]

4085it [35:29,  2.37it/s, bound:5 nc:  8 ncall:3.8e+04 eff:10.7% logz-
ratio=281.97+/-0.10 dlogz:8.317>0.1]

4086it [35:29,  2.54it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.7% logz-
ratio=281.97+/-0.10 dlogz:8.311>0.1]

4087it [35:29,  2.91it/s, bound:5 nc:  8 ncall:3.8e+04 eff:10.7% logz-
ratio=281.98+/-0.10 dlogz:8.306>0.1]

4088it [35:30,  3.64it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.7% logz-
ratio=281.98+/-0.10 dlogz:8.300>0.1]

4090it [35:30,  4.49it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.7% logz-
ratio=281.99+/-0.10 dlogz:8.289>0.1]

4091it [35:30,  5.22it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=282.00+/-0.10 dlogz:8.283>0.1]

4092it [35:30,  4.41it/s, bound:5 nc: 10 ncall:3.8e+04 eff:10.7% logz-
ratio=282.00+/-0.10 dlogz:8.277>0.1]

4093it [35:30,  5.13it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=282.01+/-0.10 dlogz:8.272>0.1]

4094it [35:30,  5.98it/s, bound:5 nc:  3 ncall:3.8e+04 eff:10.7% logz-
ratio=282.01+/-0.10 dlogz:8.266>0.1]

4095it [35:31,  5.28it/s, bound:5 nc:  8 ncall:3.8e+04 eff:10.7% logz-
ratio=282.02+/-0.10 dlogz:8.260>0.1]

4097it [35:31,  6.50it/s, bound:5 nc:  3 ncall:3.8e+04 eff:10.7% logz-
ratio=282.03+/-0.10 dlogz:8.249>0.1]
```

4099it [35:31, 6.57it/s, bound:5 nc: 6 ncall:3.8e+04 eff:10.7% logz-ratio=282.04+/-0.10 dlogz:8.238>0.1]

4100it [35:31, 6.61it/s, bound:5 nc: 3 ncall:3.8e+04 eff:10.7% logz-ratio=282.04+/-0.10 dlogz:8.232>0.1]

4101it [35:31, 6.64it/s, bound:5 nc: 2 ncall:3.8e+04 eff:10.7% logz-ratio=282.04+/-0.10 dlogz:8.226>0.1]

4102it [35:32, 2.42it/s, bound:5 nc: 13 ncall:3.8e+04 eff:10.7% logz-ratio=282.05+/-0.10 dlogz:8.221>0.1]

4103it [35:33, 2.56it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.7% logz-ratio=282.05+/-0.10 dlogz:8.215>0.1]

4104it [35:33, 2.68it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.7% logz-ratio=282.06+/-0.10 dlogz:8.209>0.1]

4105it [35:33, 2.77it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.7% logz-ratio=282.06+/-0.10 dlogz:8.204>0.1]

4106it [35:34, 2.84it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.7% logz-ratio=282.07+/-0.10 dlogz:8.198>0.1]

4107it [35:34, 3.05it/s, bound:5 nc: 4 ncall:3.8e+04 eff:10.7% logz-ratio=282.07+/-0.10 dlogz:8.192>0.1]

4108it [35:34, 3.19it/s, bound:5 nc: 4 ncall:3.8e+04 eff:10.7% logz-ratio=282.08+/-0.10 dlogz:8.187>0.1]

4109it [35:35, 3.12it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.7% logz-ratio=282.08+/-0.10 dlogz:8.181>0.1]

4110it [35:35, 3.05it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.7% logz-ratio=282.09+/-0.10 dlogz:8.175>0.1]

4111it [35:35, 3.42it/s, bound:5 nc: 3 ncall:3.8e+04 eff:10.7% logz-ratio=282.09+/-0.10 dlogz:8.170>0.1]

4112it [35:36, 2.59it/s, bound:5 nc: 8 ncall:3.8e+04 eff:10.7% logz-ratio=282.10+/-0.10 dlogz:8.164>0.1]

4113it [35:36, 2.66it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.7% logz-ratio=282.10+/-0.10 dlogz:8.158>0.1]

4114it [35:37, 2.74it/s, bound:5 nc: 5 ncall:3.8e+04 eff:10.7% logz-ratio=282.11+/-0.10 dlogz:8.153>0.1]

```
4115it [35:37,  2.80it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.7% logz-
ratio=282.11+/-0.10 dlogz:8.147>0.1]

4116it [35:37,  3.03it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=282.11+/-0.10 dlogz:8.141>0.1]

4117it [35:37,  3.39it/s, bound:5 nc:  3 ncall:3.8e+04 eff:10.7% logz-
ratio=282.12+/-0.10 dlogz:8.136>0.1]

4118it [35:38,  3.41it/s, bound:5 nc:  6 ncall:3.8e+04 eff:10.7% logz-
ratio=282.12+/-0.10 dlogz:8.130>0.1]

4119it [35:38,  4.20it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.7% logz-
ratio=282.13+/-0.10 dlogz:8.124>0.1]

4120it [35:38,  4.82it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.7% logz-
ratio=282.13+/-0.10 dlogz:8.119>0.1]

4121it [35:38,  5.38it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.8% logz-
ratio=282.14+/-0.10 dlogz:8.113>0.1]

4122it [35:38,  5.87it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.8% logz-
ratio=282.14+/-0.10 dlogz:8.108>0.1]

4123it [35:39,  4.27it/s, bound:5 nc: 13 ncall:3.8e+04 eff:10.8% logz-
ratio=282.15+/-0.10 dlogz:8.102>0.1]

4124it [35:39,  4.86it/s, bound:5 nc:  5 ncall:3.8e+04 eff:10.8% logz-
ratio=282.15+/-0.10 dlogz:8.097>0.1]

4125it [35:39,  5.66it/s, bound:5 nc:  3 ncall:3.8e+04 eff:10.8% logz-
ratio=282.16+/-0.10 dlogz:8.091>0.1]

4126it [35:39,  6.35it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.8% logz-
ratio=282.16+/-0.10 dlogz:8.085>0.1]

4127it [35:39,  4.81it/s, bound:5 nc: 10 ncall:3.8e+04 eff:10.8% logz-
ratio=282.16+/-0.10 dlogz:8.080>0.1]

4128it [35:39,  5.42it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.8% logz-
ratio=282.17+/-0.10 dlogz:8.074>0.1]

4129it [35:39,  6.18it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.8% logz-
ratio=282.17+/-0.10 dlogz:8.069>0.1]

4130it [35:40,  6.35it/s, bound:5 nc:  2 ncall:3.8e+04 eff:10.8% logz-
ratio=282.18+/-0.10 dlogz:8.064>0.1]
```

```
4131it [35:40,  3.70it/s, bound:5 nc:  7 ncall:3.8e+04 eff:10.8% logz-
ratio=282.18+/-0.10 dlogz:8.058>0.1]

4132it [35:40,  3.69it/s, bound:5 nc:  4 ncall:3.8e+04 eff:10.8% logz-
ratio=282.19+/-0.10 dlogz:8.053>0.1]

4133it [35:41,  3.05it/s, bound:5 nc:  6 ncall:3.8e+04 eff:10.8% logz-
ratio=282.19+/-0.10 dlogz:8.047>0.1]

4134it [35:41,  2.69it/s, bound:6 nc:  6 ncall:3.8e+04 eff:10.8% logz-
ratio=282.20+/-0.10 dlogz:8.042>0.1]

4135it [35:42,  2.51it/s, bound:6 nc:  6 ncall:3.8e+04 eff:10.8% logz-
ratio=282.20+/-0.10 dlogz:8.036>0.1]

4136it [35:42,  2.10it/s, bound:6 nc:  9 ncall:3.8e+04 eff:10.8% logz-
ratio=282.20+/-0.10 dlogz:8.031>0.1]

4137it [35:43,  2.42it/s, bound:6 nc:  4 ncall:3.8e+04 eff:10.8% logz-
ratio=282.21+/-0.10 dlogz:8.026>0.1]

4138it [35:43,  2.57it/s, bound:6 nc:  5 ncall:3.8e+04 eff:10.8% logz-
ratio=282.21+/-0.10 dlogz:8.020>0.1]

4139it [35:43,  2.68it/s, bound:6 nc:  5 ncall:3.8e+04 eff:10.8% logz-
ratio=282.22+/-0.10 dlogz:8.015>0.1]

4140it [35:44,  2.81it/s, bound:6 nc:  5 ncall:3.8e+04 eff:10.8% logz-
ratio=282.22+/-0.10 dlogz:8.009>0.1]

4142it [35:44,  3.66it/s, bound:6 nc:  3 ncall:3.8e+04 eff:10.8% logz-
ratio=282.23+/-0.10 dlogz:7.999>0.1]

4143it [35:44,  4.36it/s, bound:6 nc:  5 ncall:3.8e+04 eff:10.8% logz-
ratio=282.24+/-0.10 dlogz:7.993>0.1]

4144it [35:44,  4.91it/s, bound:6 nc:  5 ncall:3.8e+04 eff:10.8% logz-
ratio=282.24+/-0.10 dlogz:7.988>0.1]

4145it [35:44,  4.68it/s, bound:6 nc:  8 ncall:3.8e+04 eff:10.8% logz-
ratio=282.24+/-0.10 dlogz:7.983>0.1]

4146it [35:44,  5.55it/s, bound:6 nc:  4 ncall:3.8e+04 eff:10.8% logz-
ratio=282.25+/-0.10 dlogz:7.977>0.1]

4148it [35:45,  5.64it/s, bound:6 nc:  9 ncall:3.8e+04 eff:10.8% logz-
ratio=282.26+/-0.10 dlogz:7.967>0.1]
```

```
4149it [35:45,  4.63it/s, bound:6 nc:  8 ncall:3.8e+04 eff:10.8% logz-
ratio=282.26+/-0.10 dlogz:7.961>0.1]

4150it [35:45,  5.45it/s, bound:6 nc:  4 ncall:3.8e+04 eff:10.8% logz-
ratio=282.27+/-0.10 dlogz:7.956>0.1]

4152it [35:45,  6.09it/s, bound:6 nc:  5 ncall:3.8e+04 eff:10.8% logz-
ratio=282.27+/-0.10 dlogz:7.946>0.1]

4153it [35:46,  3.60it/s, bound:6 nc:  9 ncall:3.9e+04 eff:10.8% logz-
ratio=282.28+/-0.10 dlogz:7.940>0.1]

4154it [35:47,  2.09it/s, bound:6 nc: 13 ncall:3.9e+04 eff:10.8% logz-
ratio=282.28+/-0.10 dlogz:7.935>0.1]

4155it [35:47,  2.30it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.29+/-0.10 dlogz:7.930>0.1]

4156it [35:48,  2.46it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.29+/-0.10 dlogz:7.925>0.1]

4157it [35:48,  2.74it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.8% logz-
ratio=282.30+/-0.10 dlogz:7.919>0.1]

4158it [35:48,  2.68it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.30+/-0.10 dlogz:7.914>0.1]

4159it [35:49,  2.93it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.8% logz-
ratio=282.30+/-0.10 dlogz:7.909>0.1]

4160it [35:49,  2.65it/s, bound:6 nc:  6 ncall:3.9e+04 eff:10.8% logz-
ratio=282.31+/-0.10 dlogz:7.903>0.1]

4161it [35:49,  2.76it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.31+/-0.10 dlogz:7.898>0.1]

4162it [35:50,  3.13it/s, bound:6 nc:  3 ncall:3.9e+04 eff:10.8% logz-
ratio=282.32+/-0.10 dlogz:7.893>0.1]

4163it [35:50,  2.95it/s, bound:6 nc:  9 ncall:3.9e+04 eff:10.8% logz-
ratio=282.32+/-0.10 dlogz:7.887>0.1]

4164it [35:50,  3.27it/s, bound:6 nc:  9 ncall:3.9e+04 eff:10.8% logz-
ratio=282.33+/-0.10 dlogz:7.882>0.1]

4165it [35:50,  3.96it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.33+/-0.10 dlogz:7.877>0.1]
```

```
4166it [35:51,  4.17it/s, bound:6 nc:  7 ncall:3.9e+04 eff:10.8% logz-
ratio=282.33+/-0.10 dlogz:7.872>0.1]

4167it [35:51,  4.92it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.8% logz-
ratio=282.34+/-0.10 dlogz:7.866>0.1]

4168it [35:51,  5.40it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.34+/-0.10 dlogz:7.861>0.1]

4169it [35:51,  5.87it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.35+/-0.10 dlogz:7.856>0.1]

4170it [35:51,  4.94it/s, bound:6 nc:  9 ncall:3.9e+04 eff:10.8% logz-
ratio=282.35+/-0.10 dlogz:7.850>0.1]

4171it [35:51,  5.55it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.8% logz-
ratio=282.36+/-0.10 dlogz:7.845>0.1]

4172it [35:51,  5.94it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.36+/-0.10 dlogz:7.840>0.1]

4173it [35:52,  5.63it/s, bound:6 nc:  6 ncall:3.9e+04 eff:10.8% logz-
ratio=282.36+/-0.10 dlogz:7.834>0.1]

4174it [35:52,  5.73it/s, bound:6 nc:  3 ncall:3.9e+04 eff:10.8% logz-
ratio=282.37+/-0.10 dlogz:7.829>0.1]

4175it [35:52,  4.49it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.37+/-0.10 dlogz:7.824>0.1]

4176it [35:52,  3.92it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.38+/-0.10 dlogz:7.819>0.1]

4177it [35:53,  2.20it/s, bound:6 nc: 12 ncall:3.9e+04 eff:10.8% logz-
ratio=282.38+/-0.10 dlogz:7.813>0.1]

4178it [35:54,  2.03it/s, bound:6 nc:  8 ncall:3.9e+04 eff:10.8% logz-
ratio=282.39+/-0.10 dlogz:7.808>0.1]

4179it [35:54,  2.35it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.8% logz-
ratio=282.39+/-0.10 dlogz:7.803>0.1]

4180it [35:55,  2.48it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.39+/-0.10 dlogz:7.798>0.1]

4181it [35:55,  2.62it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.40+/-0.10 dlogz:7.792>0.1]
```

```
4182it [35:55,  2.73it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.40+/-0.10 dlogz:7.787>0.1]

4183it [35:55,  3.09it/s, bound:6 nc:  3 ncall:3.9e+04 eff:10.8% logz-
ratio=282.41+/-0.10 dlogz:7.782>0.1]

4184it [35:56,  3.06it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.41+/-0.10 dlogz:7.777>0.1]

4185it [35:56,  3.65it/s, bound:6 nc:  3 ncall:3.9e+04 eff:10.8% logz-
ratio=282.42+/-0.10 dlogz:7.771>0.1]

4187it [35:56,  4.13it/s, bound:6 nc: 10 ncall:3.9e+04 eff:10.8% logz-
ratio=282.42+/-0.10 dlogz:7.761>0.1]

4188it [35:56,  4.99it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.8% logz-
ratio=282.43+/-0.10 dlogz:7.756>0.1]

4189it [35:57,  4.47it/s, bound:6 nc:  9 ncall:3.9e+04 eff:10.8% logz-
ratio=282.43+/-0.10 dlogz:7.750>0.1]

4190it [35:57,  5.25it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.8% logz-
ratio=282.44+/-0.10 dlogz:7.745>0.1]

4192it [35:57,  6.55it/s, bound:6 nc:  2 ncall:3.9e+04 eff:10.8% logz-
ratio=282.45+/-0.10 dlogz:7.735>0.1]

4194it [35:57,  6.92it/s, bound:6 nc:  6 ncall:3.9e+04 eff:10.8% logz-
ratio=282.45+/-0.10 dlogz:7.724>0.1]

4195it [35:57,  7.60it/s, bound:6 nc:  3 ncall:3.9e+04 eff:10.8% logz-
ratio=282.46+/-0.10 dlogz:7.719>0.1]

4196it [35:57,  7.28it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.46+/-0.10 dlogz:7.714>0.1]

4197it [35:58,  6.49it/s, bound:6 nc:  6 ncall:3.9e+04 eff:10.8% logz-
ratio=282.47+/-0.10 dlogz:7.708>0.1]

4198it [35:58,  5.92it/s, bound:6 nc:  7 ncall:3.9e+04 eff:10.8% logz-
ratio=282.47+/-0.10 dlogz:7.703>0.1]

4199it [35:58,  6.18it/s, bound:6 nc:  2 ncall:3.9e+04 eff:10.8% logz-
ratio=282.47+/-0.10 dlogz:7.698>0.1]

4200it [35:59,  3.04it/s, bound:6 nc:  9 ncall:3.9e+04 eff:10.8% logz-
ratio=282.48+/-0.10 dlogz:7.693>0.1]
```

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4201it [35:59,  2.85it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.48+/-0.10 dlogz:7.688>0.1]

4202it [35:59,  3.24it/s, bound:6 nc:  3 ncall:3.9e+04 eff:10.8% logz-
ratio=282.49+/-0.10 dlogz:7.683>0.1]

4203it [36:00,  2.98it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.49+/-0.10 dlogz:7.677>0.1]

4204it [36:00,  2.82it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.50+/-0.10 dlogz:7.672>0.1]

4205it [36:00,  2.74it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.50+/-0.10 dlogz:7.667>0.1]

4206it [36:01,  2.78it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.8% logz-
ratio=282.50+/-0.10 dlogz:7.662>0.1]

4207it [36:01,  2.64it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.8% logz-
ratio=282.51+/-0.10 dlogz:7.657>0.1]

4208it [36:02,  2.85it/s, bound:6 nc:  3 ncall:3.9e+04 eff:10.8% logz-
ratio=282.51+/-0.10 dlogz:7.652>0.1]

4209it [36:02,  2.26it/s, bound:6 nc:  7 ncall:3.9e+04 eff:10.8% logz-
ratio=282.52+/-0.10 dlogz:7.646>0.1]

4210it [36:03,  1.94it/s, bound:6 nc:  8 ncall:3.9e+04 eff:10.8% logz-
ratio=282.52+/-0.10 dlogz:7.641>0.1]

4211it [36:03,  2.44it/s, bound:6 nc:  2 ncall:3.9e+04 eff:10.8% logz-
ratio=282.52+/-0.10 dlogz:7.636>0.1]

4212it [36:03,  2.52it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.53+/-0.10 dlogz:7.631>0.1]

4213it [36:04,  2.53it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.53+/-0.10 dlogz:7.626>0.1]

4214it [36:04,  3.03it/s, bound:6 nc:  2 ncall:3.9e+04 eff:10.9% logz-
ratio=282.54+/-0.10 dlogz:7.621>0.1]

4215it [36:04,  2.94it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.54+/-0.10 dlogz:7.616>0.1]

4216it [36:05,  2.30it/s, bound:6 nc:  8 ncall:3.9e+04 eff:10.9% logz-
ratio=282.55+/-0.10 dlogz:7.611>0.1]
```

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4217it [36:05,  2.36it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.55+/-0.10 dlogz:7.606>0.1]

4218it [36:06,  2.65it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.55+/-0.10 dlogz:7.600>0.1]

4219it [36:06,  2.74it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.56+/-0.10 dlogz:7.595>0.1]

4220it [36:06,  2.93it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.56+/-0.10 dlogz:7.590>0.1]

4221it [36:07,  2.29it/s, bound:6 nc:  8 ncall:3.9e+04 eff:10.9% logz-
ratio=282.57+/-0.10 dlogz:7.585>0.1]

4222it [36:07,  2.26it/s, bound:6 nc:  6 ncall:3.9e+04 eff:10.9% logz-
ratio=282.57+/-0.10 dlogz:7.580>0.1]

4223it [36:08,  2.44it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.57+/-0.10 dlogz:7.575>0.1]

4224it [36:08,  2.57it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.58+/-0.10 dlogz:7.570>0.1]

4225it [36:08,  2.67it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.58+/-0.10 dlogz:7.565>0.1]

4226it [36:09,  3.29it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.59+/-0.10 dlogz:7.560>0.1]

4228it [36:09,  4.24it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.59+/-0.10 dlogz:7.550>0.1]

4229it [36:09,  5.01it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.60+/-0.10 dlogz:7.545>0.1]

4230it [36:09,  4.00it/s, bound:6 nc: 12 ncall:3.9e+04 eff:10.9% logz-
ratio=282.60+/-0.10 dlogz:7.540>0.1]

4231it [36:09,  4.59it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.61+/-0.10 dlogz:7.535>0.1]

4233it [36:10,  5.32it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.61+/-0.10 dlogz:7.525>0.1]

4234it [36:10,  5.90it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.62+/-0.10 dlogz:7.520>0.1]
```

```
4235it [36:10,  6.25it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.62+/-0.10 dlogz:7.515>0.1]

4236it [36:10,  6.74it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.63+/-0.10 dlogz:7.510>0.1]

4237it [36:10,  7.07it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.63+/-0.10 dlogz:7.505>0.1]

4239it [36:10,  8.08it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.64+/-0.10 dlogz:7.495>0.1]

4240it [36:10,  6.82it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.64+/-0.10 dlogz:7.490>0.1]

4241it [36:11,  6.84it/s, bound:6 nc:  2 ncall:3.9e+04 eff:10.9% logz-
ratio=282.65+/-0.10 dlogz:7.486>0.1]

4242it [36:11,  5.45it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.65+/-0.10 dlogz:7.481>0.1]

4243it [36:11,  4.17it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.65+/-0.10 dlogz:7.476>0.1]

4244it [36:12,  3.72it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.66+/-0.10 dlogz:7.471>0.1]

4245it [36:12,  2.74it/s, bound:6 nc:  8 ncall:3.9e+04 eff:10.9% logz-
ratio=282.66+/-0.10 dlogz:7.466>0.1]

4246it [36:12,  2.87it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.66+/-0.10 dlogz:7.461>0.1]

4247it [36:13,  3.60it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.67+/-0.10 dlogz:7.456>0.1]

4248it [36:13,  4.27it/s, bound:6 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.67+/-0.10 dlogz:7.452>0.1]

4250it [36:13,  5.33it/s, bound:6 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.68+/-0.10 dlogz:7.442>0.1]

4251it [36:13,  5.88it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.68+/-0.10 dlogz:7.437>0.1]

4252it [36:13,  6.37it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.69+/-0.10 dlogz:7.432>0.1]
```

```
4253it [36:13,  7.09it/s, bound:7 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.69+/-0.10 dlogz:7.428>0.1]

4254it [36:13,  7.24it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.69+/-0.10 dlogz:7.423>0.1]

4256it [36:14,  7.69it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.70+/-0.10 dlogz:7.413>0.1]

4257it [36:14,  5.42it/s, bound:7 nc: 10 ncall:3.9e+04 eff:10.9% logz-
ratio=282.71+/-0.10 dlogz:7.409>0.1]

4258it [36:14,  6.01it/s, bound:7 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.71+/-0.10 dlogz:7.404>0.1]

4259it [36:14,  6.79it/s, bound:7 nc:  3 ncall:3.9e+04 eff:10.9% logz-
ratio=282.71+/-0.10 dlogz:7.399>0.1]

4260it [36:14,  6.17it/s, bound:7 nc:  7 ncall:3.9e+04 eff:10.9% logz-
ratio=282.72+/-0.10 dlogz:7.394>0.1]

4261it [36:15,  3.14it/s, bound:7 nc:  9 ncall:3.9e+04 eff:10.9% logz-
ratio=282.72+/-0.10 dlogz:7.390>0.1]

4262it [36:16,  2.01it/s, bound:7 nc: 12 ncall:3.9e+04 eff:10.9% logz-
ratio=282.72+/-0.10 dlogz:7.385>0.1]

4263it [36:16,  1.93it/s, bound:7 nc:  8 ncall:3.9e+04 eff:10.9% logz-
ratio=282.73+/-0.10 dlogz:7.380>0.1]

4264it [36:17,  2.52it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.73+/-0.10 dlogz:7.376>0.1]

4265it [36:17,  3.19it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.74+/-0.10 dlogz:7.371>0.1]

4266it [36:17,  3.69it/s, bound:7 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.74+/-0.10 dlogz:7.366>0.1]

4267it [36:17,  3.54it/s, bound:7 nc: 10 ncall:3.9e+04 eff:10.9% logz-
ratio=282.74+/-0.10 dlogz:7.361>0.1]

4268it [36:17,  3.85it/s, bound:7 nc:  6 ncall:3.9e+04 eff:10.9% logz-
ratio=282.75+/-0.10 dlogz:7.357>0.1]

4269it [36:18,  4.41it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.75+/-0.10 dlogz:7.352>0.1]
```

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4270it [36:18,  4.93it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.75+/-0.10 dlogz:7.347>0.1]

4271it [36:18,  5.35it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.76+/-0.10 dlogz:7.342>0.1]

4272it [36:18,  4.26it/s, bound:7 nc: 11 ncall:3.9e+04 eff:10.9% logz-
ratio=282.76+/-0.10 dlogz:7.338>0.1]

4273it [36:18,  4.82it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.77+/-0.10 dlogz:7.333>0.1]

4274it [36:19,  4.49it/s, bound:7 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.77+/-0.10 dlogz:7.328>0.1]

4275it [36:19,  3.92it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.77+/-0.10 dlogz:7.324>0.1]

4276it [36:19,  2.97it/s, bound:7 nc:  7 ncall:3.9e+04 eff:10.9% logz-
ratio=282.78+/-0.10 dlogz:7.319>0.1]

4277it [36:20,  2.98it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.78+/-0.10 dlogz:7.314>0.1]

4278it [36:20,  3.19it/s, bound:7 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.78+/-0.10 dlogz:7.310>0.1]

4279it [36:20,  3.10it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.79+/-0.10 dlogz:7.305>0.1]

4280it [36:21,  3.25it/s, bound:7 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.79+/-0.10 dlogz:7.300>0.1]

4281it [36:21,  3.15it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.79+/-0.10 dlogz:7.296>0.1]

4282it [36:22,  2.51it/s, bound:7 nc:  8 ncall:3.9e+04 eff:10.9% logz-
ratio=282.80+/-0.10 dlogz:7.291>0.1]

4283it [36:22,  2.64it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.80+/-0.10 dlogz:7.286>0.1]

4284it [36:22,  2.74it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.81+/-0.10 dlogz:7.282>0.1]

4285it [36:23,  2.96it/s, bound:7 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.81+/-0.10 dlogz:7.277>0.1]
```

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4286it [36:23,  3.56it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.81+/-0.10 dlogz:7.272>0.1]

4288it [36:23,  4.42it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.82+/-0.10 dlogz:7.263>0.1]

4290it [36:23,  5.26it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.83+/-0.10 dlogz:7.254>0.1]

4292it [36:23,  5.96it/s, bound:7 nc:  6 ncall:3.9e+04 eff:10.9% logz-
ratio=282.83+/-0.10 dlogz:7.244>0.1]

4293it [36:24,  3.64it/s, bound:7 nc: 17 ncall:3.9e+04 eff:10.9% logz-
ratio=282.84+/-0.10 dlogz:7.240>0.1]

4294it [36:24,  4.28it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.84+/-0.10 dlogz:7.235>0.1]

4295it [36:24,  4.68it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.85+/-0.10 dlogz:7.231>0.1]

4296it [36:24,  5.13it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.85+/-0.10 dlogz:7.226>0.1]

4297it [36:24,  5.69it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.85+/-0.10 dlogz:7.221>0.1]

4298it [36:25,  4.83it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.86+/-0.10 dlogz:7.217>0.1]

4299it [36:25,  2.94it/s, bound:7 nc:  9 ncall:3.9e+04 eff:10.9% logz-
ratio=282.86+/-0.10 dlogz:7.212>0.1]

4300it [36:26,  3.12it/s, bound:7 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.86+/-0.10 dlogz:7.208>0.1]

4301it [36:26,  3.10it/s, bound:7 nc:  5 ncall:3.9e+04 eff:10.9% logz-
ratio=282.87+/-0.10 dlogz:7.203>0.1]

4302it [36:27,  2.40it/s, bound:7 nc:  9 ncall:3.9e+04 eff:10.9% logz-
ratio=282.87+/-0.10 dlogz:7.198>0.1]

4303it [36:27,  2.66it/s, bound:7 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.87+/-0.10 dlogz:7.194>0.1]

4304it [36:27,  2.92it/s, bound:7 nc:  4 ncall:3.9e+04 eff:10.9% logz-
ratio=282.88+/-0.10 dlogz:7.189>0.1]
```

```
4305it [36:28,  1.76it/s, bound:7 nc: 15 ncall:3.9e+04 eff:10.9% logz-
ratio=282.88+/-0.10 dlogz:7.185>0.1]

4306it [36:28,  2.18it/s, bound:7 nc:  3 ncall:3.9e+04 eff:10.9% logz-
ratio=282.89+/-0.10 dlogz:7.180>0.1]

4307it [36:29,  2.41it/s, bound:7 nc:  5 ncall:3.9e+04 eff:11.0% logz-
ratio=282.89+/-0.10 dlogz:7.175>0.1]

4309it [36:29,  3.12it/s, bound:7 nc:  5 ncall:3.9e+04 eff:11.0% logz-
ratio=282.90+/-0.10 dlogz:7.166>0.1]

4310it [36:29,  3.86it/s, bound:7 nc:  5 ncall:3.9e+04 eff:11.0% logz-
ratio=282.90+/-0.10 dlogz:7.162>0.1]

4312it [36:29,  4.29it/s, bound:7 nc:  9 ncall:3.9e+04 eff:11.0% logz-
ratio=282.91+/-0.10 dlogz:7.153>0.1]

4313it [36:30,  4.23it/s, bound:7 nc:  8 ncall:3.9e+04 eff:11.0% logz-
ratio=282.91+/-0.10 dlogz:7.148>0.1]

4314it [36:30,  4.87it/s, bound:7 nc:  4 ncall:3.9e+04 eff:11.0% logz-
ratio=282.91+/-0.10 dlogz:7.143>0.1]

4316it [36:30,  5.23it/s, bound:7 nc:  8 ncall:3.9e+04 eff:11.0% logz-
ratio=282.92+/-0.10 dlogz:7.134>0.1]

4317it [36:30,  6.01it/s, bound:7 nc:  4 ncall:3.9e+04 eff:11.0% logz-
ratio=282.92+/-0.10 dlogz:7.130>0.1]

4318it [36:30,  6.50it/s, bound:7 nc:  4 ncall:3.9e+04 eff:11.0% logz-
ratio=282.93+/-0.10 dlogz:7.125>0.1]

4319it [36:31,  4.92it/s, bound:7 nc:  9 ncall:3.9e+04 eff:11.0% logz-
ratio=282.93+/-0.10 dlogz:7.121>0.1]

4320it [36:31,  3.36it/s, bound:7 nc:  7 ncall:3.9e+04 eff:11.0% logz-
ratio=282.94+/-0.10 dlogz:7.116>0.1]

4321it [36:31,  3.96it/s, bound:7 nc:  2 ncall:3.9e+04 eff:11.0% logz-
ratio=282.94+/-0.10 dlogz:7.112>0.1]

4322it [36:32,  2.59it/s, bound:7 nc:  9 ncall:3.9e+04 eff:11.0% logz-
ratio=282.94+/-0.10 dlogz:7.107>0.1]

4323it [36:33,  2.24it/s, bound:7 nc:  8 ncall:3.9e+04 eff:11.0% logz-
ratio=282.95+/-0.10 dlogz:7.103>0.1]
```

```
4324it [36:33,  2.68it/s, bound:7 nc:  5 ncall:3.9e+04 eff:11.0% logz-
ratio=282.95+/-0.10 dlogz:7.098>0.1]

4326it [36:33,  3.52it/s, bound:7 nc:  3 ncall:3.9e+04 eff:11.0% logz-
ratio=282.96+/-0.10 dlogz:7.089>0.1]

4327it [36:33,  3.64it/s, bound:7 nc:  9 ncall:3.9e+04 eff:11.0% logz-
ratio=282.96+/-0.10 dlogz:7.085>0.1]

4328it [36:33,  4.42it/s, bound:7 nc:  4 ncall:3.9e+04 eff:11.0% logz-
ratio=282.96+/-0.10 dlogz:7.080>0.1]

4329it [36:33,  5.00it/s, bound:7 nc:  5 ncall:3.9e+04 eff:11.0% logz-
ratio=282.97+/-0.10 dlogz:7.076>0.1]

4330it [36:34,  5.39it/s, bound:7 nc:  5 ncall:3.9e+04 eff:11.0% logz-
ratio=282.97+/-0.10 dlogz:7.071>0.1]

4331it [36:34,  5.81it/s, bound:7 nc:  5 ncall:3.9e+04 eff:11.0% logz-
ratio=282.97+/-0.10 dlogz:7.067>0.1]

4332it [36:34,  6.61it/s, bound:7 nc:  4 ncall:3.9e+04 eff:11.0% logz-
ratio=282.98+/-0.10 dlogz:7.062>0.1]

4334it [36:34,  7.72it/s, bound:7 nc:  4 ncall:3.9e+04 eff:11.0% logz-
ratio=282.98+/-0.10 dlogz:7.053>0.1]

4335it [36:34,  8.09it/s, bound:7 nc:  4 ncall:3.9e+04 eff:11.0% logz-
ratio=282.99+/-0.10 dlogz:7.048>0.1]

4336it [36:34,  6.74it/s, bound:7 nc:  4 ncall:3.9e+04 eff:11.0% logz-
ratio=282.99+/-0.10 dlogz:7.044>0.1]

4337it [36:35,  5.50it/s, bound:7 nc:  8 ncall:3.9e+04 eff:11.0% logz-
ratio=283.00+/-0.10 dlogz:7.039>0.1]

4338it [36:35,  3.17it/s, bound:7 nc:  9 ncall:4.0e+04 eff:11.0% logz-
ratio=283.00+/-0.10 dlogz:7.035>0.1]

4339it [36:36,  3.12it/s, bound:7 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.00+/-0.10 dlogz:7.030>0.1]

4340it [36:36,  3.29it/s, bound:7 nc:  4 ncall:4.0e+04 eff:11.0% logz-
ratio=283.01+/-0.10 dlogz:7.026>0.1]

4341it [36:36,  3.61it/s, bound:7 nc:  3 ncall:4.0e+04 eff:11.0% logz-
ratio=283.01+/-0.10 dlogz:7.021>0.1]
```

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4342it [36:36,  3.90it/s, bound:7 nc:  3 ncall:4.0e+04 eff:11.0% logz-
ratio=283.01+/-0.10 dlogz:7.016>0.1]

4343it [36:37,  3.00it/s, bound:7 nc:  7 ncall:4.0e+04 eff:11.0% logz-
ratio=283.02+/-0.10 dlogz:7.012>0.1]

4345it [36:37,  3.83it/s, bound:7 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.02+/-0.10 dlogz:7.003>0.1]

4347it [36:37,  4.84it/s, bound:7 nc:  3 ncall:4.0e+04 eff:11.0% logz-
ratio=283.03+/-0.10 dlogz:6.994>0.1]

4348it [36:37,  4.72it/s, bound:7 nc:  7 ncall:4.0e+04 eff:11.0% logz-
ratio=283.03+/-0.10 dlogz:6.989>0.1]

4349it [36:37,  5.37it/s, bound:7 nc:  4 ncall:4.0e+04 eff:11.0% logz-
ratio=283.04+/-0.10 dlogz:6.984>0.1]

4350it [36:38,  5.82it/s, bound:7 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.04+/-0.10 dlogz:6.980>0.1]

4351it [36:38,  5.82it/s, bound:7 nc:  6 ncall:4.0e+04 eff:11.0% logz-
ratio=283.05+/-0.10 dlogz:6.975>0.1]

4352it [36:38,  6.41it/s, bound:7 nc:  4 ncall:4.0e+04 eff:11.0% logz-
ratio=283.05+/-0.10 dlogz:6.971>0.1]

4353it [36:38,  6.75it/s, bound:7 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.05+/-0.10 dlogz:6.966>0.1]

4354it [36:38,  6.78it/s, bound:7 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.06+/-0.10 dlogz:6.962>0.1]

4356it [36:38,  7.47it/s, bound:7 nc:  4 ncall:4.0e+04 eff:11.0% logz-
ratio=283.06+/-0.10 dlogz:6.952>0.1]

4357it [36:38,  8.07it/s, bound:7 nc:  3 ncall:4.0e+04 eff:11.0% logz-
ratio=283.07+/-0.10 dlogz:6.948>0.1]

4359it [36:39,  8.48it/s, bound:7 nc:  3 ncall:4.0e+04 eff:11.0% logz-
ratio=283.07+/-0.10 dlogz:6.939>0.1]

4360it [36:39,  6.92it/s, bound:7 nc:  3 ncall:4.0e+04 eff:11.0% logz-
ratio=283.08+/-0.10 dlogz:6.934>0.1]

4361it [36:39,  5.53it/s, bound:7 nc:  4 ncall:4.0e+04 eff:11.0% logz-
ratio=283.08+/-0.10 dlogz:6.930>0.1]
```

```
4362it [36:40,  3.73it/s, bound:7 nc:  6 ncall:4.0e+04 eff:11.0% logz-
ratio=283.08+/-0.10 dlogz:6.925>0.1]

4363it [36:40,  2.70it/s, bound:8 nc:  8 ncall:4.0e+04 eff:11.0% logz-
ratio=283.09+/-0.10 dlogz:6.921>0.1]

4364it [36:41,  2.32it/s, bound:8 nc:  9 ncall:4.0e+04 eff:11.0% logz-
ratio=283.09+/-0.10 dlogz:6.916>0.1]

4366it [36:41,  3.04it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.10+/-0.10 dlogz:6.908>0.1]

4368it [36:41,  3.93it/s, bound:8 nc:  3 ncall:4.0e+04 eff:11.0% logz-
ratio=283.10+/-0.10 dlogz:6.899>0.1]

4369it [36:41,  4.65it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.11+/-0.10 dlogz:6.894>0.1]

4370it [36:41,  4.84it/s, bound:8 nc:  6 ncall:4.0e+04 eff:11.0% logz-
ratio=283.11+/-0.10 dlogz:6.890>0.1]

4372it [36:42,  6.07it/s, bound:8 nc:  3 ncall:4.0e+04 eff:11.0% logz-
ratio=283.12+/-0.10 dlogz:6.881>0.1]

4374it [36:42,  6.52it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.13+/-0.10 dlogz:6.872>0.1]

4376it [36:42,  6.53it/s, bound:8 nc:  8 ncall:4.0e+04 eff:11.0% logz-
ratio=283.13+/-0.10 dlogz:6.863>0.1]

4377it [36:42,  6.84it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.14+/-0.10 dlogz:6.859>0.1]

4379it [36:43,  6.66it/s, bound:8 nc:  7 ncall:4.0e+04 eff:11.0% logz-
ratio=283.14+/-0.10 dlogz:6.850>0.1]

4380it [36:43,  4.09it/s, bound:8 nc:  7 ncall:4.0e+04 eff:11.0% logz-
ratio=283.15+/-0.10 dlogz:6.846>0.1]

4381it [36:43,  3.66it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.15+/-0.10 dlogz:6.841>0.1]

4382it [36:44,  3.51it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.0% logz-
ratio=283.15+/-0.10 dlogz:6.837>0.1]

4383it [36:44,  2.55it/s, bound:8 nc:  8 ncall:4.0e+04 eff:11.0% logz-
ratio=283.16+/-0.10 dlogz:6.832>0.1]
```

```
4384it [36:45,  2.52it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.16+/-0.10 dlogz:6.828>0.1]

4385it [36:45,  2.65it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.16+/-0.10 dlogz:6.824>0.1]

4386it [36:45,  2.74it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.17+/-0.10 dlogz:6.819>0.1]

4387it [36:46,  2.82it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.17+/-0.10 dlogz:6.815>0.1]

4388it [36:46,  2.87it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.17+/-0.10 dlogz:6.811>0.1]

4389it [36:46,  3.27it/s, bound:8 nc:  3 ncall:4.0e+04 eff:11.0% logz-
ratio=283.18+/-0.10 dlogz:6.806>0.1]

4390it [36:47,  2.43it/s, bound:8 nc:  9 ncall:4.0e+04 eff:11.0% logz-
ratio=283.18+/-0.10 dlogz:6.802>0.1]

4391it [36:47,  2.58it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.0% logz-
ratio=283.18+/-0.10 dlogz:6.797>0.1]

4392it [36:48,  2.99it/s, bound:8 nc:  3 ncall:4.0e+04 eff:11.0% logz-
ratio=283.19+/-0.10 dlogz:6.793>0.1]

4393it [36:48,  3.18it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.19+/-0.10 dlogz:6.789>0.1]

4394it [36:48,  3.31it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.19+/-0.10 dlogz:6.784>0.1]

4395it [36:49,  2.73it/s, bound:8 nc:  7 ncall:4.0e+04 eff:11.1% logz-
ratio=283.20+/-0.10 dlogz:6.780>0.1]

4396it [36:49,  2.80it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.20+/-0.10 dlogz:6.776>0.1]

4397it [36:49,  3.24it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.20+/-0.10 dlogz:6.771>0.1]

4399it [36:49,  4.11it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.21+/-0.10 dlogz:6.763>0.1]

4400it [36:49,  4.89it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.21+/-0.10 dlogz:6.758>0.1]
```

```
4401it [36:50,  5.47it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.22+/-0.10 dlogz:6.754>0.1]

4402it [36:50,  4.13it/s, bound:8 nc: 13 ncall:4.0e+04 eff:11.1% logz-
ratio=283.22+/-0.10 dlogz:6.749>0.1]

4403it [36:50,  4.69it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.22+/-0.10 dlogz:6.745>0.1]

4404it [36:50,  5.23it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.23+/-0.10 dlogz:6.741>0.1]

4405it [36:51,  3.64it/s, bound:8 nc: 15 ncall:4.0e+04 eff:11.1% logz-
ratio=283.23+/-0.10 dlogz:6.736>0.1]

4406it [36:51,  4.20it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.23+/-0.10 dlogz:6.732>0.1]

4407it [36:51,  4.48it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.24+/-0.10 dlogz:6.727>0.1]

4408it [36:51,  3.90it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.24+/-0.10 dlogz:6.723>0.1]

4409it [36:52,  4.12it/s, bound:8 nc:  3 ncall:4.0e+04 eff:11.1% logz-
ratio=283.24+/-0.10 dlogz:6.719>0.1]

4410it [36:52,  2.63it/s, bound:8 nc: 10 ncall:4.0e+04 eff:11.1% logz-
ratio=283.25+/-0.10 dlogz:6.714>0.1]

4411it [36:53,  2.87it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.25+/-0.10 dlogz:6.710>0.1]

4412it [36:53,  2.23it/s, bound:8 nc: 14 ncall:4.0e+04 eff:11.1% logz-
ratio=283.25+/-0.10 dlogz:6.706>0.1]

4413it [36:53,  2.84it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.26+/-0.10 dlogz:6.701>0.1]

4414it [36:53,  3.60it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.26+/-0.10 dlogz:6.697>0.1]

4415it [36:54,  4.41it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.26+/-0.10 dlogz:6.693>0.1]

4416it [36:54,  4.98it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.27+/-0.10 dlogz:6.688>0.1]
```

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4417it [36:54,  5.49it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.27+/-0.10 dlogz:6.684>0.1]

4418it [36:54,  5.75it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.27+/-0.10 dlogz:6.680>0.1]

4419it [36:54,  6.43it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.28+/-0.10 dlogz:6.675>0.1]

4421it [36:54,  7.36it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.28+/-0.10 dlogz:6.667>0.1]

4422it [36:54,  6.36it/s, bound:8 nc:  6 ncall:4.0e+04 eff:11.1% logz-
ratio=283.29+/-0.10 dlogz:6.662>0.1]

4423it [36:55,  6.73it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.29+/-0.10 dlogz:6.658>0.1]

4424it [36:55,  7.15it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.29+/-0.10 dlogz:6.654>0.1]

4425it [36:55,  7.69it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.30+/-0.10 dlogz:6.649>0.1]

4426it [36:55,  6.18it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.30+/-0.10 dlogz:6.645>0.1]

4427it [36:55,  4.69it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.30+/-0.10 dlogz:6.641>0.1]

4428it [36:56,  4.01it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.31+/-0.10 dlogz:6.636>0.1]

4429it [36:56,  3.65it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.31+/-0.10 dlogz:6.632>0.1]

4430it [36:56,  3.41it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.31+/-0.10 dlogz:6.628>0.1]

4431it [36:57,  4.00it/s, bound:8 nc:  2 ncall:4.0e+04 eff:11.1% logz-
ratio=283.32+/-0.10 dlogz:6.623>0.1]

4432it [36:57,  3.63it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.32+/-0.10 dlogz:6.619>0.1]

4433it [36:57,  3.66it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.32+/-0.10 dlogz:6.615>0.1]
```

```
4434it [36:58,  3.20it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.33+/-0.10 dlogz:6.610>0.1]

4435it [36:58,  3.09it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.33+/-0.10 dlogz:6.606>0.1]

4436it [36:58,  3.07it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.33+/-0.10 dlogz:6.602>0.1]

4437it [36:58,  3.44it/s, bound:8 nc:  3 ncall:4.0e+04 eff:11.1% logz-
ratio=283.34+/-0.10 dlogz:6.598>0.1]

4438it [36:59,  2.41it/s, bound:8 nc:  9 ncall:4.0e+04 eff:11.1% logz-
ratio=283.34+/-0.10 dlogz:6.593>0.1]

4439it [36:59,  2.68it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.34+/-0.10 dlogz:6.589>0.1]

4440it [37:00,  2.39it/s, bound:8 nc:  7 ncall:4.0e+04 eff:11.1% logz-
ratio=283.35+/-0.10 dlogz:6.585>0.1]

4441it [37:01,  1.67it/s, bound:8 nc: 14 ncall:4.0e+04 eff:11.1% logz-
ratio=283.35+/-0.10 dlogz:6.581>0.1]

4442it [37:01,  2.08it/s, bound:8 nc:  3 ncall:4.0e+04 eff:11.1% logz-
ratio=283.35+/-0.10 dlogz:6.576>0.1]

4443it [37:02,  2.29it/s, bound:8 nc: 10 ncall:4.0e+04 eff:11.1% logz-
ratio=283.36+/-0.10 dlogz:6.572>0.1]

4444it [37:02,  2.98it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.36+/-0.10 dlogz:6.568>0.1]

4445it [37:02,  3.72it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.36+/-0.10 dlogz:6.563>0.1]

4446it [37:02,  3.71it/s, bound:8 nc:  9 ncall:4.0e+04 eff:11.1% logz-
ratio=283.37+/-0.10 dlogz:6.559>0.1]

4447it [37:02,  4.51it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.37+/-0.10 dlogz:6.555>0.1]

4448it [37:02,  4.63it/s, bound:8 nc:  6 ncall:4.0e+04 eff:11.1% logz-
ratio=283.37+/-0.10 dlogz:6.551>0.1]

4450it [37:02,  5.88it/s, bound:8 nc:  3 ncall:4.0e+04 eff:11.1% logz-
ratio=283.38+/-0.10 dlogz:6.542>0.1]
```

```
4451it [37:03,  6.23it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.38+/-0.10 dlogz:6.538>0.1]

4452it [37:03,  6.84it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.39+/-0.10 dlogz:6.534>0.1]

4453it [37:03,  5.60it/s, bound:8 nc:  9 ncall:4.0e+04 eff:11.1% logz-
ratio=283.39+/-0.10 dlogz:6.529>0.1]

4454it [37:03,  5.36it/s, bound:8 nc:  6 ncall:4.0e+04 eff:11.1% logz-
ratio=283.39+/-0.10 dlogz:6.525>0.1]

4455it [37:03,  4.59it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.40+/-0.10 dlogz:6.521>0.1]

4456it [37:04,  3.97it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.40+/-0.10 dlogz:6.516>0.1]

4457it [37:04,  4.21it/s, bound:8 nc:  3 ncall:4.0e+04 eff:11.1% logz-
ratio=283.40+/-0.10 dlogz:6.512>0.1]

4458it [37:04,  4.04it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.41+/-0.10 dlogz:6.508>0.1]

4459it [37:04,  4.20it/s, bound:8 nc:  3 ncall:4.0e+04 eff:11.1% logz-
ratio=283.41+/-0.10 dlogz:6.504>0.1]

4460it [37:05,  4.02it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.41+/-0.10 dlogz:6.499>0.1]

4461it [37:05,  2.54it/s, bound:8 nc: 14 ncall:4.0e+04 eff:11.1% logz-
ratio=283.42+/-0.10 dlogz:6.495>0.1]

4462it [37:06,  3.18it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.42+/-0.10 dlogz:6.491>0.1]

4464it [37:06,  3.94it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.43+/-0.10 dlogz:6.482>0.1]

4465it [37:06,  4.64it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.43+/-0.10 dlogz:6.478>0.1]

4466it [37:06,  5.12it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.43+/-0.10 dlogz:6.474>0.1]

4468it [37:07,  4.70it/s, bound:8 nc: 13 ncall:4.0e+04 eff:11.1% logz-
ratio=283.44+/-0.10 dlogz:6.465>0.1]
```

```
4470it [37:07,  4.88it/s, bound:8 nc:  9 ncall:4.0e+04 eff:11.1% logz-
ratio=283.45+/-0.10 dlogz:6.457>0.1]

4471it [37:07,  5.34it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.45+/-0.10 dlogz:6.452>0.1]

4472it [37:07,  5.06it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.45+/-0.10 dlogz:6.448>0.1]

4473it [37:08,  4.49it/s, bound:8 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.46+/-0.10 dlogz:6.444>0.1]

4474it [37:08,  3.94it/s, bound:8 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.46+/-0.10 dlogz:6.440>0.1]

4475it [37:09,  2.68it/s, bound:8 nc:  9 ncall:4.0e+04 eff:11.1% logz-
ratio=283.46+/-0.10 dlogz:6.436>0.1]

4476it [37:09,  2.72it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.46+/-0.10 dlogz:6.431>0.1]

4477it [37:10,  2.39it/s, bound:9 nc:  7 ncall:4.0e+04 eff:11.1% logz-
ratio=283.47+/-0.10 dlogz:6.427>0.1]

4478it [37:10,  1.99it/s, bound:9 nc: 10 ncall:4.0e+04 eff:11.1% logz-
ratio=283.47+/-0.10 dlogz:6.423>0.1]

4479it [37:10,  2.31it/s, bound:9 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.47+/-0.10 dlogz:6.419>0.1]

4480it [37:11,  2.40it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.48+/-0.10 dlogz:6.415>0.1]

4481it [37:11,  2.47it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.48+/-0.10 dlogz:6.410>0.1]

4482it [37:12,  2.59it/s, bound:9 nc:  8 ncall:4.0e+04 eff:11.1% logz-
ratio=283.48+/-0.10 dlogz:6.406>0.1]

4484it [37:12,  3.32it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.49+/-0.10 dlogz:6.398>0.1]

4485it [37:12,  4.12it/s, bound:9 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.49+/-0.10 dlogz:6.394>0.1]

4486it [37:12,  4.76it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.50+/-0.10 dlogz:6.390>0.1]
```

```
4487it [37:12,  3.78it/s, bound:9 nc: 12 ncall:4.0e+04 eff:11.1% logz-
ratio=283.50+/-0.10 dlogz:6.385>0.1]

4488it [37:13,  3.68it/s, bound:9 nc: 10 ncall:4.0e+04 eff:11.1% logz-
ratio=283.50+/-0.10 dlogz:6.381>0.1]

4489it [37:13,  4.37it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.51+/-0.10 dlogz:6.377>0.1]

4490it [37:13,  5.08it/s, bound:9 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.51+/-0.10 dlogz:6.373>0.1]

4492it [37:13,  5.98it/s, bound:9 nc:  4 ncall:4.0e+04 eff:11.1% logz-
ratio=283.52+/-0.10 dlogz:6.365>0.1]

4493it [37:13,  6.16it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.52+/-0.10 dlogz:6.360>0.1]

4494it [37:14,  5.10it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.52+/-0.10 dlogz:6.356>0.1]

4495it [37:14,  4.21it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.52+/-0.10 dlogz:6.352>0.1]

4496it [37:14,  3.77it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.53+/-0.10 dlogz:6.348>0.1]

4497it [37:15,  2.62it/s, bound:9 nc:  9 ncall:4.0e+04 eff:11.1% logz-
ratio=283.53+/-0.10 dlogz:6.344>0.1]

4498it [37:15,  2.73it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.1% logz-
ratio=283.53+/-0.10 dlogz:6.340>0.1]

4499it [37:15,  3.11it/s, bound:9 nc:  3 ncall:4.0e+04 eff:11.2% logz-
ratio=283.54+/-0.10 dlogz:6.336>0.1]

4500it [37:16,  3.79it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.2% logz-
ratio=283.54+/-0.10 dlogz:6.332>0.1]

4502it [37:16,  4.23it/s, bound:9 nc: 10 ncall:4.0e+04 eff:11.2% logz-
ratio=283.55+/-0.10 dlogz:6.323>0.1]

4503it [37:16,  5.07it/s, bound:9 nc:  4 ncall:4.0e+04 eff:11.2% logz-
ratio=283.55+/-0.10 dlogz:6.319>0.1]

4504it [37:16,  5.47it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.2% logz-
ratio=283.55+/-0.10 dlogz:6.315>0.1]
```

```
4506it [37:16,  6.46it/s, bound:9 nc:  4 ncall:4.0e+04 eff:11.2% logz-
ratio=283.56+/-0.10 dlogz:6.307>0.1]

4507it [37:16,  6.61it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.2% logz-
ratio=283.56+/-0.10 dlogz:6.303>0.1]

4508it [37:17,  7.01it/s, bound:9 nc:  4 ncall:4.0e+04 eff:11.2% logz-
ratio=283.57+/-0.10 dlogz:6.299>0.1]

4510it [37:17,  7.52it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.2% logz-
ratio=283.57+/-0.10 dlogz:6.291>0.1]

4511it [37:17,  4.60it/s, bound:9 nc: 13 ncall:4.0e+04 eff:11.2% logz-
ratio=283.57+/-0.10 dlogz:6.286>0.1]

4512it [37:17,  4.71it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.2% logz-
ratio=283.58+/-0.10 dlogz:6.282>0.1]

4513it [37:18,  4.03it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.2% logz-
ratio=283.58+/-0.10 dlogz:6.278>0.1]

4514it [37:18,  3.43it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.2% logz-
ratio=283.58+/-0.10 dlogz:6.274>0.1]

4515it [37:19,  3.29it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.2% logz-
ratio=283.59+/-0.10 dlogz:6.270>0.1]

4516it [37:19,  2.46it/s, bound:9 nc:  9 ncall:4.0e+04 eff:11.2% logz-
ratio=283.59+/-0.10 dlogz:6.266>0.1]

4517it [37:19,  3.05it/s, bound:9 nc:  2 ncall:4.0e+04 eff:11.2% logz-
ratio=283.59+/-0.10 dlogz:6.262>0.1]

4518it [37:20,  3.40it/s, bound:9 nc:  3 ncall:4.0e+04 eff:11.2% logz-
ratio=283.60+/-0.10 dlogz:6.258>0.1]

4519it [37:20,  2.52it/s, bound:9 nc:  8 ncall:4.0e+04 eff:11.2% logz-
ratio=283.60+/-0.10 dlogz:6.254>0.1]

4520it [37:21,  2.04it/s, bound:9 nc: 10 ncall:4.0e+04 eff:11.2% logz-
ratio=283.60+/-0.10 dlogz:6.249>0.1]

4521it [37:21,  2.26it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.2% logz-
ratio=283.61+/-0.10 dlogz:6.245>0.1]

4522it [37:22,  2.44it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.2% logz-
ratio=283.61+/-0.10 dlogz:6.241>0.1]
```

```
4523it [37:22,  3.01it/s, bound:9 nc:  4 ncall:4.0e+04 eff:11.2% logz-
ratio=283.61+/-0.10 dlogz:6.237>0.1]

4524it [37:22,  3.74it/s, bound:9 nc:  5 ncall:4.0e+04 eff:11.2% logz-
ratio=283.62+/-0.10 dlogz:6.233>0.1]

4525it [37:22,  4.21it/s, bound:9 nc:  4 ncall:4.0e+04 eff:11.2% logz-
ratio=283.62+/-0.10 dlogz:6.229>0.1]

4526it [37:22,  4.04it/s, bound:9 nc: 10 ncall:4.0e+04 eff:11.2% logz-
ratio=283.62+/-0.10 dlogz:6.225>0.1]

4527it [37:22,  4.71it/s, bound:9 nc:  4 ncall:4.0e+04 eff:11.2% logz-
ratio=283.62+/-0.10 dlogz:6.221>0.1]

4528it [37:22,  5.32it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.63+/-0.10 dlogz:6.217>0.1]

4529it [37:23,  5.96it/s, bound:9 nc:  4 ncall:4.1e+04 eff:11.2% logz-
ratio=283.63+/-0.10 dlogz:6.212>0.1]

4530it [37:23,  6.35it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.63+/-0.10 dlogz:6.208>0.1]

4531it [37:23,  6.82it/s, bound:9 nc:  3 ncall:4.1e+04 eff:11.2% logz-
ratio=283.64+/-0.10 dlogz:6.204>0.1]

4532it [37:23,  6.87it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.64+/-0.10 dlogz:6.200>0.1]

4533it [37:23,  6.88it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.64+/-0.10 dlogz:6.196>0.1]

4535it [37:23,  8.01it/s, bound:9 nc:  2 ncall:4.1e+04 eff:11.2% logz-
ratio=283.65+/-0.10 dlogz:6.188>0.1]

4536it [37:23,  7.61it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.65+/-0.10 dlogz:6.184>0.1]

4537it [37:24,  6.40it/s, bound:9 nc:  4 ncall:4.1e+04 eff:11.2% logz-
ratio=283.66+/-0.10 dlogz:6.180>0.1]

4538it [37:24,  4.78it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.66+/-0.10 dlogz:6.176>0.1]

4539it [37:25,  2.93it/s, bound:9 nc:  9 ncall:4.1e+04 eff:11.2% logz-
ratio=283.66+/-0.10 dlogz:6.172>0.1]
```

```
4540it [37:25,  3.54it/s, bound:9 nc:  2 ncall:4.1e+04 eff:11.2% logz-
ratio=283.66+/-0.10 dlogz:6.168>0.1]

4541it [37:25,  2.65it/s, bound:9 nc:  8 ncall:4.1e+04 eff:11.2% logz-
ratio=283.67+/-0.10 dlogz:6.164>0.1]

4542it [37:26,  1.82it/s, bound:9 nc: 12 ncall:4.1e+04 eff:11.2% logz-
ratio=283.67+/-0.10 dlogz:6.159>0.1]

4543it [37:27,  2.23it/s, bound:9 nc:  3 ncall:4.1e+04 eff:11.2% logz-
ratio=283.67+/-0.10 dlogz:6.155>0.1]

4544it [37:27,  2.05it/s, bound:9 nc:  8 ncall:4.1e+04 eff:11.2% logz-
ratio=283.68+/-0.10 dlogz:6.151>0.1]

4545it [37:27,  2.27it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.68+/-0.10 dlogz:6.147>0.1]

4546it [37:28,  2.56it/s, bound:9 nc:  4 ncall:4.1e+04 eff:11.2% logz-
ratio=283.68+/-0.10 dlogz:6.143>0.1]

4547it [37:28,  3.24it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.69+/-0.10 dlogz:6.139>0.1]

4548it [37:28,  4.06it/s, bound:9 nc:  4 ncall:4.1e+04 eff:11.2% logz-
ratio=283.69+/-0.10 dlogz:6.135>0.1]

4550it [37:28,  5.08it/s, bound:9 nc:  3 ncall:4.1e+04 eff:11.2% logz-
ratio=283.70+/-0.10 dlogz:6.127>0.1]

4551it [37:28,  5.66it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.70+/-0.10 dlogz:6.123>0.1]

4553it [37:28,  6.79it/s, bound:9 nc:  3 ncall:4.1e+04 eff:11.2% logz-
ratio=283.70+/-0.10 dlogz:6.115>0.1]

4554it [37:29,  5.46it/s, bound:9 nc:  9 ncall:4.1e+04 eff:11.2% logz-
ratio=283.71+/-0.10 dlogz:6.111>0.1]

4555it [37:29,  4.72it/s, bound:9 nc:  9 ncall:4.1e+04 eff:11.2% logz-
ratio=283.71+/-0.10 dlogz:6.107>0.1]

4556it [37:29,  3.89it/s, bound:9 nc: 11 ncall:4.1e+04 eff:11.2% logz-
ratio=283.71+/-0.10 dlogz:6.103>0.1]

4557it [37:30,  3.45it/s, bound:9 nc: 10 ncall:4.1e+04 eff:11.2% logz-
ratio=283.72+/-0.10 dlogz:6.099>0.1]
```

```
4558it [37:30,  3.31it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.72+/-0.10 dlogz:6.095>0.1]

4559it [37:30,  3.66it/s, bound:9 nc:  3 ncall:4.1e+04 eff:11.2% logz-
ratio=283.72+/-0.10 dlogz:6.091>0.1]

4560it [37:31,  3.44it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.73+/-0.10 dlogz:6.087>0.1]

4561it [37:31,  3.30it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.73+/-0.10 dlogz:6.083>0.1]

4562it [37:31,  3.23it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.73+/-0.10 dlogz:6.079>0.1]

4563it [37:32,  3.15it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.73+/-0.10 dlogz:6.075>0.1]

4564it [37:32,  3.74it/s, bound:9 nc:  2 ncall:4.1e+04 eff:11.2% logz-
ratio=283.74+/-0.10 dlogz:6.071>0.1]

4565it [37:32,  3.73it/s, bound:9 nc:  4 ncall:4.1e+04 eff:11.2% logz-
ratio=283.74+/-0.10 dlogz:6.067>0.1]

4566it [37:33,  2.77it/s, bound:9 nc:  8 ncall:4.1e+04 eff:11.2% logz-
ratio=283.74+/-0.10 dlogz:6.063>0.1]

4567it [37:33,  3.39it/s, bound:9 nc:  2 ncall:4.1e+04 eff:11.2% logz-
ratio=283.75+/-0.10 dlogz:6.059>0.1]

4568it [37:33,  3.24it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.75+/-0.10 dlogz:6.055>0.1]

4569it [37:33,  3.12it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.75+/-0.10 dlogz:6.051>0.1]

4570it [37:34,  3.08it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.76+/-0.10 dlogz:6.047>0.1]

4571it [37:34,  3.55it/s, bound:9 nc:  3 ncall:4.1e+04 eff:11.2% logz-
ratio=283.76+/-0.10 dlogz:6.043>0.1]

4572it [37:34,  3.69it/s, bound:9 nc: 10 ncall:4.1e+04 eff:11.2% logz-
ratio=283.76+/-0.10 dlogz:6.039>0.1]

4573it [37:34,  4.37it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.76+/-0.10 dlogz:6.036>0.1]
```

```
4574it [37:34,  4.92it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.77+/-0.10 dlogz:6.032>0.1]

4575it [37:35,  5.60it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.77+/-0.10 dlogz:6.028>0.1]

4576it [37:35,  5.88it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.77+/-0.10 dlogz:6.024>0.1]

4577it [37:35,  6.30it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.78+/-0.10 dlogz:6.020>0.1]

4578it [37:35,  5.29it/s, bound:9 nc:  8 ncall:4.1e+04 eff:11.2% logz-
ratio=283.78+/-0.10 dlogz:6.016>0.1]

4579it [37:35,  5.73it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.78+/-0.10 dlogz:6.012>0.1]

4580it [37:36,  4.22it/s, bound:9 nc: 10 ncall:4.1e+04 eff:11.2% logz-
ratio=283.78+/-0.10 dlogz:6.008>0.1]

4581it [37:36,  4.69it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.79+/-0.10 dlogz:6.004>0.1]

4582it [37:36,  4.29it/s, bound:9 nc:  4 ncall:4.1e+04 eff:11.2% logz-
ratio=283.79+/-0.10 dlogz:6.000>0.1]

4583it [37:36,  3.81it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.79+/-0.10 dlogz:5.996>0.1]

4584it [37:37,  3.54it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.80+/-0.10 dlogz:5.993>0.1]

4585it [37:37,  3.35it/s, bound:9 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.80+/-0.10 dlogz:5.989>0.1]

4586it [37:37,  3.98it/s, bound:9 nc:  2 ncall:4.1e+04 eff:11.2% logz-
ratio=283.80+/-0.10 dlogz:5.985>0.1]

4587it [37:38,  3.57it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.80+/-0.10 dlogz:5.981>0.1]

4588it [37:38,  3.39it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.81+/-0.10 dlogz:5.977>0.1]

4589it [37:38,  4.05it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.81+/-0.10 dlogz:5.973>0.1]
```

```
4591it [37:38,  4.86it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.82+/-0.10 dlogz:5.965>0.1]

4592it [37:38,  5.54it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.82+/-0.10 dlogz:5.962>0.1]

4593it [37:38,  6.28it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.2% logz-
ratio=283.82+/-0.10 dlogz:5.958>0.1]

4594it [37:39,  5.58it/s, bound:10 nc:  7 ncall:4.1e+04 eff:11.2% logz-
ratio=283.82+/-0.10 dlogz:5.954>0.1]

4595it [37:39,  5.92it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.83+/-0.10 dlogz:5.950>0.1]

4596it [37:39,  6.08it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.2% logz-
ratio=283.83+/-0.10 dlogz:5.946>0.1]

4597it [37:39,  6.50it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.83+/-0.10 dlogz:5.942>0.1]

4598it [37:39,  4.86it/s, bound:10 nc: 10 ncall:4.1e+04 eff:11.2% logz-
ratio=283.84+/-0.10 dlogz:5.939>0.1]

4600it [37:40,  5.88it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.84+/-0.10 dlogz:5.931>0.1]

4601it [37:40,  6.63it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.84+/-0.10 dlogz:5.927>0.1]

4602it [37:40,  3.63it/s, bound:10 nc:  8 ncall:4.1e+04 eff:11.3% logz-
ratio=283.85+/-0.10 dlogz:5.923>0.1]

4603it [37:41,  3.39it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.85+/-0.10 dlogz:5.920>0.1]

4604it [37:41,  3.25it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.85+/-0.10 dlogz:5.916>0.1]

4605it [37:41,  3.58it/s, bound:10 nc:  3 ncall:4.1e+04 eff:11.3% logz-
ratio=283.86+/-0.10 dlogz:5.912>0.1]

4606it [37:42,  2.40it/s, bound:10 nc: 10 ncall:4.1e+04 eff:11.3% logz-
ratio=283.86+/-0.10 dlogz:5.908>0.1]

4607it [37:42,  2.79it/s, bound:10 nc:  9 ncall:4.1e+04 eff:11.3% logz-
ratio=283.86+/-0.10 dlogz:5.904>0.1]
```

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4608it [37:42,  3.42it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.86+/-0.10 dlogz:5.901>0.1]

4609it [37:42,  4.05it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.87+/-0.10 dlogz:5.897>0.1]

4610it [37:43,  4.82it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.87+/-0.10 dlogz:5.893>0.1]

4611it [37:43,  5.68it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.87+/-0.10 dlogz:5.889>0.1]

4612it [37:43,  4.58it/s, bound:10 nc: 10 ncall:4.1e+04 eff:11.3% logz-
ratio=283.88+/-0.10 dlogz:5.886>0.1]

4613it [37:43,  5.06it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.88+/-0.10 dlogz:5.882>0.1]

4614it [37:43,  5.64it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.88+/-0.10 dlogz:5.878>0.1]

4616it [37:43,  6.51it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.89+/-0.10 dlogz:5.870>0.1]

4617it [37:44,  6.87it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.89+/-0.10 dlogz:5.867>0.1]

4618it [37:44,  7.18it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.89+/-0.10 dlogz:5.863>0.1]

4620it [37:44,  5.11it/s, bound:10 nc:  9 ncall:4.1e+04 eff:11.3% logz-
ratio=283.90+/-0.10 dlogz:5.855>0.1]

4621it [37:45,  4.18it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.90+/-0.10 dlogz:5.852>0.1]

4622it [37:45,  2.44it/s, bound:10 nc: 10 ncall:4.1e+04 eff:11.3% logz-
ratio=283.90+/-0.10 dlogz:5.848>0.1]

4623it [37:46,  2.73it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.91+/-0.10 dlogz:5.844>0.1]

4624it [37:46,  2.66it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.91+/-0.10 dlogz:5.840>0.1]

4625it [37:46,  3.09it/s, bound:10 nc:  3 ncall:4.1e+04 eff:11.3% logz-
ratio=283.91+/-0.10 dlogz:5.837>0.1]
```

```
4626it [37:47,  2.01it/s, bound:10 nc: 12 ncall:4.1e+04 eff:11.3% logz-
ratio=283.91+/-0.10 dlogz:5.833>0.1]

4627it [37:48,  2.23it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.92+/-0.10 dlogz:5.829>0.1]

4628it [37:48,  2.43it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.92+/-0.10 dlogz:5.825>0.1]

4629it [37:48,  2.81it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.92+/-0.10 dlogz:5.822>0.1]

4630it [37:48,  3.18it/s, bound:10 nc:  9 ncall:4.1e+04 eff:11.3% logz-
ratio=283.93+/-0.10 dlogz:5.818>0.1]

4631it [37:49,  3.59it/s, bound:10 nc:  7 ncall:4.1e+04 eff:11.3% logz-
ratio=283.93+/-0.10 dlogz:5.814>0.1]

4633it [37:49,  4.45it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.93+/-0.10 dlogz:5.807>0.1]

4634it [37:49,  5.28it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.94+/-0.10 dlogz:5.803>0.1]

4636it [37:49,  5.99it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.94+/-0.10 dlogz:5.795>0.1]

4637it [37:49,  6.55it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.94+/-0.10 dlogz:5.792>0.1]

4638it [37:49,  6.76it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.95+/-0.10 dlogz:5.788>0.1]

4639it [37:49,  7.41it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.95+/-0.10 dlogz:5.784>0.1]

4640it [37:50,  7.25it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.95+/-0.10 dlogz:5.781>0.1]

4642it [37:50,  7.92it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=283.96+/-0.10 dlogz:5.773>0.1]

4643it [37:50,  7.72it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.96+/-0.10 dlogz:5.770>0.1]

4644it [37:50,  6.69it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=283.96+/-0.10 dlogz:5.766>0.1]
```

4645it [37:51, 3.55it/s, bound:10 nc: 8 ncall:4.1e+04 eff:11.3% logz-ratio=283.97+/-0.10 dlogz:5.762>0.1]

4646it [37:51, 3.37it/s, bound:10 nc: 5 ncall:4.1e+04 eff:11.3% logz-ratio=283.97+/-0.10 dlogz:5.758>0.1]

4647it [37:51, 3.28it/s, bound:10 nc: 5 ncall:4.1e+04 eff:11.3% logz-ratio=283.97+/-0.10 dlogz:5.755>0.1]

4648it [37:52, 3.64it/s, bound:10 nc: 3 ncall:4.1e+04 eff:11.3% logz-ratio=283.97+/-0.10 dlogz:5.751>0.1]

4649it [37:52, 3.63it/s, bound:10 nc: 4 ncall:4.1e+04 eff:11.3% logz-ratio=283.98+/-0.10 dlogz:5.747>0.1]

4650it [37:52, 3.65it/s, bound:10 nc: 4 ncall:4.1e+04 eff:11.3% logz-ratio=283.98+/-0.10 dlogz:5.744>0.1]

4651it [37:52, 4.45it/s, bound:10 nc: 4 ncall:4.1e+04 eff:11.3% logz-ratio=283.98+/-0.10 dlogz:5.740>0.1]

4652it [37:52, 5.18it/s, bound:10 nc: 4 ncall:4.1e+04 eff:11.3% logz-ratio=283.99+/-0.10 dlogz:5.736>0.1]

4653it [37:53, 4.18it/s, bound:10 nc: 11 ncall:4.1e+04 eff:11.3% logz-ratio=283.99+/-0.10 dlogz:5.733>0.1]

4654it [37:53, 4.86it/s, bound:10 nc: 4 ncall:4.1e+04 eff:11.3% logz-ratio=283.99+/-0.10 dlogz:5.729>0.1]

4655it [37:53, 4.38it/s, bound:10 nc: 9 ncall:4.1e+04 eff:11.3% logz-ratio=283.99+/-0.10 dlogz:5.725>0.1]

4656it [37:53, 4.32it/s, bound:10 nc: 7 ncall:4.1e+04 eff:11.3% logz-ratio=284.00+/-0.10 dlogz:5.722>0.1]

4657it [37:53, 4.91it/s, bound:10 nc: 5 ncall:4.1e+04 eff:11.3% logz-ratio=284.00+/-0.10 dlogz:5.718>0.1]

4658it [37:54, 5.44it/s, bound:10 nc: 5 ncall:4.1e+04 eff:11.3% logz-ratio=284.00+/-0.10 dlogz:5.714>0.1]

4659it [37:54, 5.74it/s, bound:10 nc: 5 ncall:4.1e+04 eff:11.3% logz-ratio=284.00+/-0.10 dlogz:5.711>0.1]

4660it [37:54, 5.93it/s, bound:10 nc: 5 ncall:4.1e+04 eff:11.3% logz-ratio=284.01+/-0.10 dlogz:5.707>0.1]

```
4661it [37:55,  2.68it/s, bound:10 nc: 13 ncall:4.1e+04 eff:11.3% logz-
ratio=284.01+/-0.10 dlogz:5.703>0.1]

4662it [37:55,  2.63it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.01+/-0.10 dlogz:5.700>0.1]

4663it [37:55,  2.73it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=284.01+/-0.10 dlogz:5.696>0.1]

4664it [37:56,  2.81it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=284.02+/-0.10 dlogz:5.692>0.1]

4665it [37:56,  3.09it/s, bound:10 nc:  3 ncall:4.1e+04 eff:11.3% logz-
ratio=284.02+/-0.10 dlogz:5.689>0.1]

4666it [37:56,  2.79it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.02+/-0.10 dlogz:5.685>0.1]

4667it [37:57,  2.88it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=284.02+/-0.10 dlogz:5.682>0.1]

4668it [37:57,  3.13it/s, bound:10 nc:  3 ncall:4.1e+04 eff:11.3% logz-
ratio=284.03+/-0.10 dlogz:5.678>0.1]

4669it [37:57,  2.96it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.03+/-0.10 dlogz:5.674>0.1]

4670it [37:58,  2.90it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.03+/-0.10 dlogz:5.671>0.1]

4671it [37:59,  1.79it/s, bound:10 nc: 13 ncall:4.1e+04 eff:11.3% logz-
ratio=284.04+/-0.10 dlogz:5.667>0.1]

4672it [37:59,  1.99it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.04+/-0.10 dlogz:5.664>0.1]

4673it [38:00,  2.19it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.04+/-0.10 dlogz:5.660>0.1]

4674it [38:00,  2.38it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.04+/-0.10 dlogz:5.656>0.1]

4675it [38:00,  2.44it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.05+/-0.10 dlogz:5.653>0.1]

4676it [38:01,  2.48it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.05+/-0.10 dlogz:5.649>0.1]
```

```
4677it [38:01,  2.60it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.05+/-0.10 dlogz:5.646>0.1]

4678it [38:02,  2.46it/s, bound:10 nc:  6 ncall:4.1e+04 eff:11.3% logz-
ratio=284.05+/-0.10 dlogz:5.642>0.1]

4679it [38:02,  2.61it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.06+/-0.10 dlogz:5.639>0.1]

4680it [38:02,  2.73it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.06+/-0.10 dlogz:5.635>0.1]

4681it [38:02,  2.81it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.06+/-0.10 dlogz:5.632>0.1]

4682it [38:03,  2.86it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.06+/-0.10 dlogz:5.628>0.1]

4683it [38:03,  2.89it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.07+/-0.10 dlogz:5.624>0.1]

4684it [38:03,  3.48it/s, bound:10 nc:  2 ncall:4.1e+04 eff:11.3% logz-
ratio=284.07+/-0.10 dlogz:5.621>0.1]

4685it [38:04,  3.28it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.07+/-0.10 dlogz:5.617>0.1]

4686it [38:04,  3.65it/s, bound:10 nc:  3 ncall:4.1e+04 eff:11.3% logz-
ratio=284.07+/-0.10 dlogz:5.614>0.1]

4687it [38:04,  3.43it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.08+/-0.10 dlogz:5.610>0.1]

4688it [38:04,  3.71it/s, bound:10 nc:  3 ncall:4.1e+04 eff:11.3% logz-
ratio=284.08+/-0.10 dlogz:5.607>0.1]

4689it [38:05,  3.47it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.08+/-0.10 dlogz:5.603>0.1]

4690it [38:05,  4.26it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.08+/-0.10 dlogz:5.600>0.1]

4691it [38:05,  4.20it/s, bound:10 nc: 10 ncall:4.1e+04 eff:11.3% logz-
ratio=284.09+/-0.10 dlogz:5.596>0.1]

4692it [38:05,  4.23it/s, bound:10 nc:  8 ncall:4.1e+04 eff:11.3% logz-
ratio=284.09+/-0.10 dlogz:5.593>0.1]
```

```
4693it [38:05,  4.86it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.09+/-0.10 dlogz:5.589>0.1]

4694it [38:06,  5.18it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.09+/-0.10 dlogz:5.586>0.1]

4695it [38:06,  5.82it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=284.10+/-0.10 dlogz:5.582>0.1]

4696it [38:06,  6.11it/s, bound:10 nc:  4 ncall:4.1e+04 eff:11.3% logz-
ratio=284.10+/-0.10 dlogz:5.579>0.1]

4697it [38:06,  4.99it/s, bound:10 nc:  9 ncall:4.1e+04 eff:11.3% logz-
ratio=284.10+/-0.10 dlogz:5.575>0.1]

4698it [38:06,  5.38it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.10+/-0.10 dlogz:5.572>0.1]

4699it [38:06,  5.63it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.11+/-0.10 dlogz:5.568>0.1]

4700it [38:07,  5.89it/s, bound:10 nc:  5 ncall:4.1e+04 eff:11.3% logz-
ratio=284.11+/-0.10 dlogz:5.565>0.1]

4701it [38:07,  5.32it/s, bound:11 nc:  3 ncall:4.1e+04 eff:11.4% logz-
ratio=284.11+/-0.10 dlogz:5.561>0.1]

4702it [38:07,  4.69it/s, bound:11 nc:  4 ncall:4.1e+04 eff:11.4% logz-
ratio=284.11+/-0.10 dlogz:5.558>0.1]

4703it [38:07,  3.99it/s, bound:11 nc:  5 ncall:4.1e+04 eff:11.4% logz-
ratio=284.12+/-0.10 dlogz:5.554>0.1]

4704it [38:08,  3.86it/s, bound:11 nc:  4 ncall:4.1e+04 eff:11.4% logz-
ratio=284.12+/-0.10 dlogz:5.551>0.1]

4705it [38:08,  3.81it/s, bound:11 nc:  4 ncall:4.1e+04 eff:11.4% logz-
ratio=284.12+/-0.10 dlogz:5.547>0.1]

4706it [38:09,  2.49it/s, bound:11 nc: 10 ncall:4.1e+04 eff:11.4% logz-
ratio=284.12+/-0.10 dlogz:5.544>0.1]

4707it [38:09,  3.20it/s, bound:11 nc:  4 ncall:4.1e+04 eff:11.4% logz-
ratio=284.13+/-0.10 dlogz:5.540>0.1]

4708it [38:09,  3.62it/s, bound:11 nc:  7 ncall:4.1e+04 eff:11.4% logz-
ratio=284.13+/-0.10 dlogz:5.537>0.1]
```

```
4709it [38:09,  4.39it/s, bound:11 nc:  5 ncall:4.1e+04 eff:11.4% logz-
ratio=284.13+/-0.10 dlogz:5.533>0.1]

4710it [38:09,  4.64it/s, bound:11 nc:  6 ncall:4.1e+04 eff:11.4% logz-
ratio=284.13+/-0.10 dlogz:5.530>0.1]

4712it [38:10,  5.54it/s, bound:11 nc:  4 ncall:4.1e+04 eff:11.4% logz-
ratio=284.14+/-0.10 dlogz:5.523>0.1]

4713it [38:10,  5.94it/s, bound:11 nc:  5 ncall:4.1e+04 eff:11.4% logz-
ratio=284.14+/-0.10 dlogz:5.519>0.1]

4714it [38:10,  5.39it/s, bound:11 nc:  7 ncall:4.1e+04 eff:11.4% logz-
ratio=284.14+/-0.10 dlogz:5.516>0.1]

4715it [38:10,  5.22it/s, bound:11 nc:  4 ncall:4.1e+04 eff:11.4% logz-
ratio=284.15+/-0.10 dlogz:5.512>0.1]

4716it [38:10,  5.01it/s, bound:11 nc:  7 ncall:4.1e+04 eff:11.4% logz-
ratio=284.15+/-0.10 dlogz:5.509>0.1]

4717it [38:11,  4.25it/s, bound:11 nc: 10 ncall:4.2e+04 eff:11.4% logz-
ratio=284.15+/-0.10 dlogz:5.505>0.1]

4718it [38:11,  3.89it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.15+/-0.10 dlogz:5.502>0.1]

4719it [38:11,  3.57it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.16+/-0.10 dlogz:5.498>0.1]

4720it [38:12,  2.42it/s, bound:11 nc: 10 ncall:4.2e+04 eff:11.4% logz-
ratio=284.16+/-0.10 dlogz:5.495>0.1]

4721it [38:12,  2.58it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.16+/-0.10 dlogz:5.491>0.1]

4722it [38:13,  2.69it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.16+/-0.10 dlogz:5.488>0.1]

4723it [38:13,  3.31it/s, bound:11 nc:  2 ncall:4.2e+04 eff:11.4% logz-
ratio=284.17+/-0.10 dlogz:5.484>0.1]

4724it [38:13,  3.49it/s, bound:11 nc: 10 ncall:4.2e+04 eff:11.4% logz-
ratio=284.17+/-0.10 dlogz:5.481>0.1]

4725it [38:13,  4.10it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.17+/-0.10 dlogz:5.477>0.1]
```

4727it [38:14, 4.44it/s, bound:11 nc: 10 ncall:4.2e+04 eff:11.4% logz-ratio=284.18+/-0.10 dlogz:5.470>0.1]

4728it [38:14, 3.96it/s, bound:11 nc: 10 ncall:4.2e+04 eff:11.4% logz-ratio=284.18+/-0.10 dlogz:5.467>0.1]

4729it [38:14, 4.54it/s, bound:11 nc: 5 ncall:4.2e+04 eff:11.4% logz-ratio=284.18+/-0.10 dlogz:5.463>0.1]

4730it [38:14, 5.29it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.18+/-0.10 dlogz:5.460>0.1]

4731it [38:14, 5.86it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.19+/-0.10 dlogz:5.456>0.1]

4732it [38:14, 6.65it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.19+/-0.10 dlogz:5.453>0.1]

4733it [38:15, 7.09it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.19+/-0.10 dlogz:5.449>0.1]

4734it [38:15, 7.63it/s, bound:11 nc: 3 ncall:4.2e+04 eff:11.4% logz-ratio=284.19+/-0.10 dlogz:5.446>0.1]

4735it [38:15, 6.52it/s, bound:11 nc: 5 ncall:4.2e+04 eff:11.4% logz-ratio=284.20+/-0.10 dlogz:5.442>0.1]

4736it [38:15, 5.31it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.20+/-0.10 dlogz:5.439>0.1]

4737it [38:15, 4.24it/s, bound:11 nc: 5 ncall:4.2e+04 eff:11.4% logz-ratio=284.20+/-0.10 dlogz:5.435>0.1]

4738it [38:16, 4.40it/s, bound:11 nc: 3 ncall:4.2e+04 eff:11.4% logz-ratio=284.20+/-0.10 dlogz:5.432>0.1]

4739it [38:16, 2.99it/s, bound:11 nc: 8 ncall:4.2e+04 eff:11.4% logz-ratio=284.21+/-0.10 dlogz:5.428>0.1]

4740it [38:17, 1.99it/s, bound:11 nc: 12 ncall:4.2e+04 eff:11.4% logz-ratio=284.21+/-0.10 dlogz:5.425>0.1]

4741it [38:18, 1.89it/s, bound:11 nc: 8 ncall:4.2e+04 eff:11.4% logz-ratio=284.21+/-0.10 dlogz:5.421>0.1]

4742it [38:18, 2.23it/s, bound:11 nc: 3 ncall:4.2e+04 eff:11.4% logz-ratio=284.21+/-0.10 dlogz:5.418>0.1]

4743it [38:19, 1.91it/s, bound:11 nc: 9 ncall:4.2e+04 eff:11.4% logz-ratio=284.22+/-0.10 dlogz:5.414>0.1]

4744it [38:19, 2.16it/s, bound:11 nc: 5 ncall:4.2e+04 eff:11.4% logz-ratio=284.22+/-0.10 dlogz:5.411>0.1]

4746it [38:19, 2.87it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.22+/-0.10 dlogz:5.404>0.1]

4747it [38:19, 3.63it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.23+/-0.10 dlogz:5.400>0.1]

4749it [38:19, 4.53it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.23+/-0.10 dlogz:5.394>0.1]

4750it [38:20, 5.41it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.23+/-0.10 dlogz:5.390>0.1]

4752it [38:20, 6.16it/s, bound:11 nc: 5 ncall:4.2e+04 eff:11.4% logz-ratio=284.24+/-0.10 dlogz:5.383>0.1]

4753it [38:20, 6.80it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.24+/-0.10 dlogz:5.380>0.1]

4755it [38:20, 6.68it/s, bound:11 nc: 8 ncall:4.2e+04 eff:11.4% logz-ratio=284.25+/-0.10 dlogz:5.373>0.1]

4756it [38:20, 5.75it/s, bound:11 nc: 8 ncall:4.2e+04 eff:11.4% logz-ratio=284.25+/-0.10 dlogz:5.369>0.1]

4758it [38:21, 6.78it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.25+/-0.10 dlogz:5.362>0.1]

4759it [38:21, 5.74it/s, bound:11 nc: 7 ncall:4.2e+04 eff:11.4% logz-ratio=284.26+/-0.10 dlogz:5.359>0.1]

4760it [38:21, 5.84it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.26+/-0.10 dlogz:5.356>0.1]

4761it [38:21, 5.50it/s, bound:11 nc: 3 ncall:4.2e+04 eff:11.4% logz-ratio=284.26+/-0.10 dlogz:5.352>0.1]

4762it [38:22, 4.28it/s, bound:11 nc: 5 ncall:4.2e+04 eff:11.4% logz-ratio=284.26+/-0.10 dlogz:5.349>0.1]

4763it [38:22, 3.79it/s, bound:11 nc: 5 ncall:4.2e+04 eff:11.4% logz-ratio=284.27+/-0.10 dlogz:5.345>0.1]

4764it [38:22, 3.51it/s, bound:11 nc: 5 ncall:4.2e+04 eff:11.4% logz-ratio=284.27+/-0.10 dlogz:5.342>0.1]

4765it [38:23, 3.35it/s, bound:11 nc: 5 ncall:4.2e+04 eff:11.4% logz-ratio=284.27+/-0.10 dlogz:5.338>0.1]

4766it [38:23, 3.69it/s, bound:11 nc: 3 ncall:4.2e+04 eff:11.4% logz-ratio=284.27+/-0.10 dlogz:5.335>0.1]

4767it [38:23, 3.68it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.28+/-0.10 dlogz:5.332>0.1]

4768it [38:24, 1.94it/s, bound:11 nc: 15 ncall:4.2e+04 eff:11.4% logz-ratio=284.28+/-0.10 dlogz:5.328>0.1]

4769it [38:25, 1.74it/s, bound:11 nc: 10 ncall:4.2e+04 eff:11.4% logz-ratio=284.28+/-0.10 dlogz:5.325>0.1]

4770it [38:25, 2.06it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.28+/-0.10 dlogz:5.321>0.1]

4771it [38:25, 2.61it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.29+/-0.10 dlogz:5.318>0.1]

4772it [38:26, 2.76it/s, bound:11 nc: 11 ncall:4.2e+04 eff:11.4% logz-ratio=284.29+/-0.10 dlogz:5.315>0.1]

4773it [38:26, 3.37it/s, bound:11 nc: 5 ncall:4.2e+04 eff:11.4% logz-ratio=284.29+/-0.10 dlogz:5.311>0.1]

4774it [38:26, 4.09it/s, bound:11 nc: 5 ncall:4.2e+04 eff:11.4% logz-ratio=284.29+/-0.10 dlogz:5.308>0.1]

4775it [38:26, 2.92it/s, bound:11 nc: 16 ncall:4.2e+04 eff:11.4% logz-ratio=284.30+/-0.10 dlogz:5.304>0.1]

4776it [38:27, 3.55it/s, bound:11 nc: 5 ncall:4.2e+04 eff:11.4% logz-ratio=284.30+/-0.10 dlogz:5.301>0.1]

4777it [38:27, 3.87it/s, bound:11 nc: 6 ncall:4.2e+04 eff:11.4% logz-ratio=284.30+/-0.10 dlogz:5.298>0.1]

4778it [38:27, 2.91it/s, bound:11 nc: 13 ncall:4.2e+04 eff:11.4% logz-ratio=284.30+/-0.10 dlogz:5.294>0.1]

4779it [38:28, 3.10it/s, bound:11 nc: 4 ncall:4.2e+04 eff:11.4% logz-ratio=284.30+/-0.10 dlogz:5.291>0.1]

```
4780it [38:28,  3.70it/s, bound:11 nc:  2 ncall:4.2e+04 eff:11.4% logz-
ratio=284.31+/-0.10 dlogz:5.288>0.1]

4781it [38:28,  3.97it/s, bound:11 nc:  3 ncall:4.2e+04 eff:11.4% logz-
ratio=284.31+/-0.10 dlogz:5.284>0.1]

4782it [38:29,  2.11it/s, bound:11 nc: 13 ncall:4.2e+04 eff:11.4% logz-
ratio=284.31+/-0.10 dlogz:5.281>0.1]

4783it [38:29,  2.34it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.31+/-0.10 dlogz:5.277>0.1]

4784it [38:29,  2.71it/s, bound:11 nc:  9 ncall:4.2e+04 eff:11.4% logz-
ratio=284.32+/-0.10 dlogz:5.274>0.1]

4785it [38:30,  3.43it/s, bound:11 nc:  4 ncall:4.2e+04 eff:11.4% logz-
ratio=284.32+/-0.10 dlogz:5.271>0.1]

4786it [38:30,  3.77it/s, bound:11 nc:  7 ncall:4.2e+04 eff:11.4% logz-
ratio=284.32+/-0.10 dlogz:5.267>0.1]

4787it [38:30,  4.48it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.32+/-0.10 dlogz:5.264>0.1]

4788it [38:30,  5.13it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.33+/-0.10 dlogz:5.261>0.1]

4789it [38:30,  5.86it/s, bound:11 nc:  4 ncall:4.2e+04 eff:11.4% logz-
ratio=284.33+/-0.10 dlogz:5.257>0.1]

4790it [38:30,  6.09it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.33+/-0.10 dlogz:5.254>0.1]

4791it [38:30,  6.22it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.33+/-0.10 dlogz:5.250>0.1]

4792it [38:31,  6.79it/s, bound:11 nc:  4 ncall:4.2e+04 eff:11.4% logz-
ratio=284.34+/-0.10 dlogz:5.247>0.1]

4793it [38:31,  7.00it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.34+/-0.10 dlogz:5.244>0.1]

4794it [38:31,  7.38it/s, bound:11 nc:  4 ncall:4.2e+04 eff:11.4% logz-
ratio=284.34+/-0.10 dlogz:5.240>0.1]

4795it [38:31,  7.27it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.34+/-0.10 dlogz:5.237>0.1]
```

```
4796it [38:31,  5.14it/s, bound:11 nc:  7 ncall:4.2e+04 eff:11.4% logz-
ratio=284.35+/-0.10 dlogz:5.233>0.1]

4797it [38:32,  4.25it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.35+/-0.10 dlogz:5.230>0.1]

4798it [38:32,  3.78it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.35+/-0.10 dlogz:5.227>0.1]

4799it [38:32,  4.01it/s, bound:11 nc:  3 ncall:4.2e+04 eff:11.4% logz-
ratio=284.35+/-0.10 dlogz:5.223>0.1]

4800it [38:33,  3.60it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.36+/-0.10 dlogz:5.220>0.1]

4801it [38:33,  2.58it/s, bound:11 nc:  9 ncall:4.2e+04 eff:11.4% logz-
ratio=284.36+/-0.10 dlogz:5.217>0.1]

4802it [38:33,  2.83it/s, bound:11 nc:  4 ncall:4.2e+04 eff:11.4% logz-
ratio=284.36+/-0.10 dlogz:5.213>0.1]

4803it [38:34,  2.86it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.36+/-0.10 dlogz:5.210>0.1]

4804it [38:34,  3.07it/s, bound:11 nc:  4 ncall:4.2e+04 eff:11.4% logz-
ratio=284.36+/-0.10 dlogz:5.207>0.1]

4805it [38:35,  2.36it/s, bound:11 nc:  9 ncall:4.2e+04 eff:11.4% logz-
ratio=284.37+/-0.10 dlogz:5.203>0.1]

4806it [38:35,  1.90it/s, bound:11 nc: 11 ncall:4.2e+04 eff:11.4% logz-
ratio=284.37+/-0.10 dlogz:5.200>0.1]

4807it [38:36,  2.48it/s, bound:11 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.37+/-0.10 dlogz:5.197>0.1]

4808it [38:36,  3.06it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.37+/-0.10 dlogz:5.193>0.1]

4809it [38:36,  3.81it/s, bound:12 nc:  4 ncall:4.2e+04 eff:11.4% logz-
ratio=284.38+/-0.10 dlogz:5.190>0.1]

4810it [38:36,  3.87it/s, bound:12 nc:  8 ncall:4.2e+04 eff:11.4% logz-
ratio=284.38+/-0.10 dlogz:5.186>0.1]

4811it [38:36,  4.47it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.38+/-0.10 dlogz:5.183>0.1]
```

```
4813it [38:36,  5.50it/s, bound:12 nc:  3 ncall:4.2e+04 eff:11.4% logz-
ratio=284.39+/-0.10 dlogz:5.176>0.1]

4814it [38:37,  3.53it/s, bound:12 nc: 15 ncall:4.2e+04 eff:11.4% logz-
ratio=284.39+/-0.10 dlogz:5.173>0.1]

4816it [38:37,  4.20it/s, bound:12 nc:  6 ncall:4.2e+04 eff:11.4% logz-
ratio=284.39+/-0.10 dlogz:5.166>0.1]

4817it [38:37,  4.84it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.4% logz-
ratio=284.40+/-0.10 dlogz:5.163>0.1]

4818it [38:38,  4.08it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.40+/-0.10 dlogz:5.160>0.1]

4819it [38:38,  3.66it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.40+/-0.10 dlogz:5.156>0.1]

4820it [38:38,  3.45it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.40+/-0.10 dlogz:5.153>0.1]

4821it [38:39,  3.30it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.41+/-0.10 dlogz:5.149>0.1]

4822it [38:39,  3.41it/s, bound:12 nc:  4 ncall:4.2e+04 eff:11.5% logz-
ratio=284.41+/-0.10 dlogz:5.146>0.1]

4823it [38:39,  3.28it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.41+/-0.10 dlogz:5.143>0.1]

4824it [38:40,  3.19it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.41+/-0.10 dlogz:5.139>0.1]

4825it [38:40,  3.14it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.41+/-0.10 dlogz:5.136>0.1]

4826it [38:41,  2.29it/s, bound:12 nc: 10 ncall:4.2e+04 eff:11.5% logz-
ratio=284.42+/-0.10 dlogz:5.133>0.1]

4827it [38:41,  2.57it/s, bound:12 nc:  4 ncall:4.2e+04 eff:11.5% logz-
ratio=284.42+/-0.10 dlogz:5.130>0.1]

4828it [38:41,  2.84it/s, bound:12 nc:  4 ncall:4.2e+04 eff:11.5% logz-
ratio=284.42+/-0.10 dlogz:5.126>0.1]

4829it [38:41,  3.46it/s, bound:12 nc:  2 ncall:4.2e+04 eff:11.5% logz-
ratio=284.42+/-0.10 dlogz:5.123>0.1]
```

```
4830it [38:42,  3.74it/s, bound:12 nc:  3 ncall:4.2e+04 eff:11.5% logz-
ratio=284.43+/-0.10 dlogz:5.120>0.1]

4831it [38:42,  4.28it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.43+/-0.10 dlogz:5.116>0.1]

4832it [38:42,  4.94it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.43+/-0.10 dlogz:5.113>0.1]

4834it [38:42,  6.02it/s, bound:12 nc:  4 ncall:4.2e+04 eff:11.5% logz-
ratio=284.44+/-0.10 dlogz:5.106>0.1]

4835it [38:42,  6.49it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.44+/-0.10 dlogz:5.103>0.1]

4836it [38:42,  7.19it/s, bound:12 nc:  4 ncall:4.2e+04 eff:11.5% logz-
ratio=284.44+/-0.10 dlogz:5.100>0.1]

4837it [38:42,  6.38it/s, bound:12 nc:  6 ncall:4.2e+04 eff:11.5% logz-
ratio=284.44+/-0.10 dlogz:5.096>0.1]

4839it [38:43,  7.27it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.45+/-0.10 dlogz:5.090>0.1]

4841it [38:43,  7.94it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.45+/-0.10 dlogz:5.083>0.1]

4842it [38:43,  7.43it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.45+/-0.10 dlogz:5.080>0.1]

4843it [38:43,  4.34it/s, bound:12 nc: 14 ncall:4.2e+04 eff:11.5% logz-
ratio=284.46+/-0.10 dlogz:5.076>0.1]

4844it [38:44,  4.08it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.46+/-0.10 dlogz:5.073>0.1]

4845it [38:44,  3.59it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.46+/-0.10 dlogz:5.070>0.1]

4846it [38:44,  3.21it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.46+/-0.10 dlogz:5.066>0.1]

4847it [38:45,  3.10it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.47+/-0.10 dlogz:5.063>0.1]

4848it [38:45,  3.06it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.47+/-0.10 dlogz:5.060>0.1]
```

```
4849it [38:45,  2.96it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.47+/-0.10 dlogz:5.057>0.1]

4850it [38:46,  2.66it/s, bound:12 nc:  6 ncall:4.2e+04 eff:11.5% logz-
ratio=284.47+/-0.10 dlogz:5.053>0.1]

4851it [38:46,  2.89it/s, bound:12 nc:  4 ncall:4.2e+04 eff:11.5% logz-
ratio=284.48+/-0.10 dlogz:5.050>0.1]

4852it [38:46,  3.09it/s, bound:12 nc:  4 ncall:4.2e+04 eff:11.5% logz-
ratio=284.48+/-0.10 dlogz:5.047>0.1]

4853it [38:47,  3.25it/s, bound:12 nc:  4 ncall:4.2e+04 eff:11.5% logz-
ratio=284.48+/-0.10 dlogz:5.043>0.1]

4854it [38:47,  2.46it/s, bound:12 nc:  9 ncall:4.2e+04 eff:11.5% logz-
ratio=284.48+/-0.10 dlogz:5.040>0.1]

4855it [38:48,  2.60it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.48+/-0.10 dlogz:5.037>0.1]

4856it [38:48,  2.56it/s, bound:12 nc: 14 ncall:4.2e+04 eff:11.5% logz-
ratio=284.49+/-0.10 dlogz:5.034>0.1]

4857it [38:48,  3.20it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.49+/-0.10 dlogz:5.030>0.1]

4858it [38:48,  3.91it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.49+/-0.10 dlogz:5.027>0.1]

4859it [38:49,  4.60it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.49+/-0.10 dlogz:5.024>0.1]

4860it [38:49,  4.17it/s, bound:12 nc: 10 ncall:4.2e+04 eff:11.5% logz-
ratio=284.50+/-0.10 dlogz:5.020>0.1]

4861it [38:49,  4.03it/s, bound:12 nc:  9 ncall:4.2e+04 eff:11.5% logz-
ratio=284.50+/-0.10 dlogz:5.017>0.1]

4863it [38:49,  5.03it/s, bound:12 nc:  4 ncall:4.2e+04 eff:11.5% logz-
ratio=284.50+/-0.10 dlogz:5.011>0.1]

4864it [38:50,  4.58it/s, bound:12 nc:  9 ncall:4.2e+04 eff:11.5% logz-
ratio=284.51+/-0.10 dlogz:5.007>0.1]

4865it [38:50,  5.07it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.51+/-0.10 dlogz:5.004>0.1]
```

```
4866it [38:50,  5.37it/s, bound:12 nc:  3 ncall:4.2e+04 eff:11.5% logz-
ratio=284.51+/-0.10 dlogz:5.001>0.1]

4867it [38:50,  4.73it/s, bound:12 nc:  4 ncall:4.2e+04 eff:11.5% logz-
ratio=284.51+/-0.10 dlogz:4.998>0.1]

4868it [38:51,  3.24it/s, bound:12 nc:  7 ncall:4.2e+04 eff:11.5% logz-
ratio=284.51+/-0.10 dlogz:4.994>0.1]

4869it [38:51,  2.33it/s, bound:12 nc: 10 ncall:4.2e+04 eff:11.5% logz-
ratio=284.52+/-0.10 dlogz:4.991>0.1]

4870it [38:52,  2.77it/s, bound:12 nc:  3 ncall:4.2e+04 eff:11.5% logz-
ratio=284.52+/-0.10 dlogz:4.988>0.1]

4871it [38:52,  2.65it/s, bound:12 nc:  9 ncall:4.2e+04 eff:11.5% logz-
ratio=284.52+/-0.10 dlogz:4.984>0.1]

4873it [38:52,  3.51it/s, bound:12 nc:  2 ncall:4.2e+04 eff:11.5% logz-
ratio=284.53+/-0.10 dlogz:4.978>0.1]

4874it [38:52,  4.22it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.53+/-0.10 dlogz:4.975>0.1]

4875it [38:53,  3.59it/s, bound:12 nc: 13 ncall:4.2e+04 eff:11.5% logz-
ratio=284.53+/-0.10 dlogz:4.971>0.1]

4876it [38:53,  4.18it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.53+/-0.10 dlogz:4.968>0.1]

4877it [38:53,  5.04it/s, bound:12 nc:  4 ncall:4.2e+04 eff:11.5% logz-
ratio=284.53+/-0.10 dlogz:4.965>0.1]

4878it [38:53,  5.50it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.54+/-0.10 dlogz:4.962>0.1]

4879it [38:53,  5.85it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.54+/-0.10 dlogz:4.958>0.1]

4880it [38:53,  6.13it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.54+/-0.10 dlogz:4.955>0.1]

4881it [38:54,  4.47it/s, bound:12 nc: 11 ncall:4.2e+04 eff:11.5% logz-
ratio=284.54+/-0.10 dlogz:4.952>0.1]

4882it [38:54,  4.57it/s, bound:12 nc:  5 ncall:4.2e+04 eff:11.5% logz-
ratio=284.55+/-0.10 dlogz:4.949>0.1]
```

4883it [38:55, 2.73it/s, bound:12 nc: 10 ncall:4.2e+04 eff:11.5% logz-ratio=284.55+/-0.10 dlogz:4.945>0.1]

4884it [38:55, 2.97it/s, bound:12 nc: 4 ncall:4.2e+04 eff:11.5% logz-ratio=284.55+/-0.10 dlogz:4.942>0.1]

4885it [38:55, 3.59it/s, bound:12 nc: 2 ncall:4.2e+04 eff:11.5% logz-ratio=284.55+/-0.10 dlogz:4.939>0.1]

4886it [38:56, 2.71it/s, bound:12 nc: 8 ncall:4.2e+04 eff:11.5% logz-ratio=284.56+/-0.10 dlogz:4.936>0.1]

4887it [38:56, 2.79it/s, bound:12 nc: 5 ncall:4.2e+04 eff:11.5% logz-ratio=284.56+/-0.10 dlogz:4.932>0.1]

4889it [38:56, 3.23it/s, bound:12 nc: 11 ncall:4.2e+04 eff:11.5% logz-ratio=284.56+/-0.10 dlogz:4.926>0.1]

4890it [38:56, 3.66it/s, bound:12 nc: 6 ncall:4.2e+04 eff:11.5% logz-ratio=284.56+/-0.10 dlogz:4.923>0.1]

4891it [38:57, 4.28it/s, bound:12 nc: 5 ncall:4.2e+04 eff:11.5% logz-ratio=284.57+/-0.10 dlogz:4.920>0.1]

4892it [38:57, 4.83it/s, bound:12 nc: 5 ncall:4.2e+04 eff:11.5% logz-ratio=284.57+/-0.10 dlogz:4.916>0.1]

4893it [38:57, 4.66it/s, bound:12 nc: 5 ncall:4.2e+04 eff:11.5% logz-ratio=284.57+/-0.10 dlogz:4.913>0.1]

4894it [38:57, 5.40it/s, bound:12 nc: 4 ncall:4.2e+04 eff:11.5% logz-ratio=284.57+/-0.10 dlogz:4.910>0.1]

4895it [38:57, 5.72it/s, bound:12 nc: 5 ncall:4.3e+04 eff:11.5% logz-ratio=284.58+/-0.10 dlogz:4.907>0.1]

4896it [38:57, 6.03it/s, bound:12 nc: 5 ncall:4.3e+04 eff:11.5% logz-ratio=284.58+/-0.10 dlogz:4.903>0.1]

4897it [38:58, 4.75it/s, bound:12 nc: 10 ncall:4.3e+04 eff:11.5% logz-ratio=284.58+/-0.10 dlogz:4.900>0.1]

4898it [38:58, 4.48it/s, bound:12 nc: 5 ncall:4.3e+04 eff:11.5% logz-ratio=284.58+/-0.10 dlogz:4.897>0.1]

4899it [38:58, 3.91it/s, bound:12 nc: 5 ncall:4.3e+04 eff:11.5% logz-ratio=284.58+/-0.10 dlogz:4.894>0.1]

```
4900it [38:59,  3.56it/s, bound:12 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.59+/-0.10 dlogz:4.890>0.1]

4901it [38:59,  3.37it/s, bound:12 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.59+/-0.10 dlogz:4.887>0.1]

4902it [39:00,  2.49it/s, bound:12 nc:  9 ncall:4.3e+04 eff:11.5% logz-
ratio=284.59+/-0.10 dlogz:4.884>0.1]

4903it [39:00,  2.67it/s, bound:12 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.59+/-0.10 dlogz:4.881>0.1]

4904it [39:00,  3.37it/s, bound:12 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.60+/-0.10 dlogz:4.877>0.1]

4905it [39:00,  4.15it/s, bound:12 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.60+/-0.10 dlogz:4.874>0.1]

4906it [39:00,  4.88it/s, bound:12 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.60+/-0.10 dlogz:4.871>0.1]

4907it [39:00,  5.45it/s, bound:12 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.60+/-0.10 dlogz:4.868>0.1]

4908it [39:01,  6.02it/s, bound:12 nc:  4 ncall:4.3e+04 eff:11.5% logz-
ratio=284.60+/-0.10 dlogz:4.864>0.1]

4909it [39:01,  3.49it/s, bound:12 nc: 18 ncall:4.3e+04 eff:11.5% logz-
ratio=284.61+/-0.10 dlogz:4.861>0.1]

4910it [39:01,  4.08it/s, bound:12 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.61+/-0.10 dlogz:4.858>0.1]

4911it [39:01,  4.92it/s, bound:12 nc:  4 ncall:4.3e+04 eff:11.5% logz-
ratio=284.61+/-0.10 dlogz:4.855>0.1]

4912it [39:01,  5.64it/s, bound:12 nc:  4 ncall:4.3e+04 eff:11.5% logz-
ratio=284.61+/-0.10 dlogz:4.852>0.1]

4913it [39:02,  5.02it/s, bound:12 nc:  8 ncall:4.3e+04 eff:11.5% logz-
ratio=284.62+/-0.10 dlogz:4.848>0.1]

4914it [39:02,  5.08it/s, bound:12 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.62+/-0.10 dlogz:4.845>0.1]

4915it [39:02,  4.08it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.62+/-0.10 dlogz:4.842>0.1]
```

```
4916it [39:03,  3.67it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.62+/-0.10 dlogz:4.839>0.1]

4917it [39:03,  2.87it/s, bound:13 nc:  7 ncall:4.3e+04 eff:11.5% logz-
ratio=284.63+/-0.10 dlogz:4.835>0.1]

4918it [39:03,  3.26it/s, bound:13 nc:  3 ncall:4.3e+04 eff:11.5% logz-
ratio=284.63+/-0.10 dlogz:4.832>0.1]

4919it [39:04,  3.17it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.63+/-0.10 dlogz:4.829>0.1]

4920it [39:04,  2.98it/s, bound:13 nc:  8 ncall:4.3e+04 eff:11.5% logz-
ratio=284.63+/-0.10 dlogz:4.826>0.1]

4921it [39:04,  3.73it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.63+/-0.10 dlogz:4.823>0.1]

4922it [39:04,  4.43it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.64+/-0.10 dlogz:4.819>0.1]

4923it [39:04,  5.05it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.64+/-0.10 dlogz:4.816>0.1]

4925it [39:05,  6.00it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.64+/-0.10 dlogz:4.810>0.1]

4926it [39:05,  4.18it/s, bound:13 nc: 13 ncall:4.3e+04 eff:11.5% logz-
ratio=284.65+/-0.10 dlogz:4.807>0.1]

4927it [39:05,  4.87it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.65+/-0.10 dlogz:4.803>0.1]

4928it [39:05,  5.24it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.65+/-0.10 dlogz:4.800>0.1]

4929it [39:05,  5.58it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.5% logz-
ratio=284.65+/-0.10 dlogz:4.797>0.1]

4930it [39:06,  6.23it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.5% logz-
ratio=284.65+/-0.10 dlogz:4.794>0.1]

4932it [39:06,  7.01it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.5% logz-
ratio=284.66+/-0.10 dlogz:4.787>0.1]

4933it [39:06,  6.51it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.5% logz-
ratio=284.66+/-0.10 dlogz:4.784>0.1]
```

4934it [39:07, 3.46it/s, bound:13 nc: 8 ncall:4.3e+04 eff:11.5% logz-ratio=284.66+/-0.10 dlogz:4.781>0.1]

4935it [39:07, 3.32it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.5% logz-ratio=284.67+/-0.10 dlogz:4.778>0.1]

4936it [39:07, 3.43it/s, bound:13 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.67+/-0.10 dlogz:4.775>0.1]

4937it [39:07, 3.75it/s, bound:13 nc: 3 ncall:4.3e+04 eff:11.6% logz-ratio=284.67+/-0.10 dlogz:4.772>0.1]

4938it [39:08, 2.27it/s, bound:13 nc: 11 ncall:4.3e+04 eff:11.6% logz-ratio=284.67+/-0.10 dlogz:4.768>0.1]

4939it [39:09, 2.44it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.67+/-0.10 dlogz:4.765>0.1]

4940it [39:09, 2.59it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.68+/-0.10 dlogz:4.762>0.1]

4941it [39:09, 2.70it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.68+/-0.10 dlogz:4.759>0.1]

4942it [39:10, 2.12it/s, bound:13 nc: 10 ncall:4.3e+04 eff:11.6% logz-ratio=284.68+/-0.10 dlogz:4.756>0.1]

4943it [39:10, 2.45it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.68+/-0.10 dlogz:4.752>0.1]

4944it [39:10, 3.13it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.69+/-0.10 dlogz:4.749>0.1]

4945it [39:10, 3.88it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.69+/-0.10 dlogz:4.746>0.1]

4946it [39:11, 4.04it/s, bound:13 nc: 8 ncall:4.3e+04 eff:11.6% logz-ratio=284.69+/-0.10 dlogz:4.743>0.1]

4947it [39:11, 4.75it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.69+/-0.10 dlogz:4.740>0.1]

4948it [39:11, 5.31it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.69+/-0.10 dlogz:4.737>0.1]

4949it [39:11, 5.58it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.70+/-0.10 dlogz:4.733>0.1]

```
4950it [39:11,  6.27it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.6% logz-
ratio=284.70+/-0.10 dlogz:4.730>0.1]

4951it [39:11,  5.32it/s, bound:13 nc:  8 ncall:4.3e+04 eff:11.6% logz-
ratio=284.70+/-0.10 dlogz:4.727>0.1]

4952it [39:12,  5.69it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.70+/-0.10 dlogz:4.724>0.1]

4953it [39:12,  6.36it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.6% logz-
ratio=284.70+/-0.10 dlogz:4.721>0.1]

4954it [39:12,  6.75it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.71+/-0.10 dlogz:4.718>0.1]

4955it [39:12,  6.81it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.6% logz-
ratio=284.71+/-0.10 dlogz:4.715>0.1]

4956it [39:12,  6.07it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.71+/-0.10 dlogz:4.711>0.1]

4957it [39:12,  4.64it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.71+/-0.10 dlogz:4.708>0.1]

4958it [39:13,  2.75it/s, bound:13 nc: 10 ncall:4.3e+04 eff:11.6% logz-
ratio=284.72+/-0.10 dlogz:4.705>0.1]

4959it [39:14,  2.82it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.72+/-0.10 dlogz:4.702>0.1]

4960it [39:14,  2.88it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.72+/-0.10 dlogz:4.699>0.1]

4961it [39:15,  1.82it/s, bound:13 nc: 13 ncall:4.3e+04 eff:11.6% logz-
ratio=284.72+/-0.10 dlogz:4.696>0.1]

4962it [39:15,  2.23it/s, bound:13 nc:  3 ncall:4.3e+04 eff:11.6% logz-
ratio=284.72+/-0.10 dlogz:4.693>0.1]

4963it [39:15,  2.41it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.73+/-0.10 dlogz:4.690>0.1]

4964it [39:16,  1.96it/s, bound:13 nc: 10 ncall:4.3e+04 eff:11.6% logz-
ratio=284.73+/-0.10 dlogz:4.686>0.1]

4965it [39:16,  2.44it/s, bound:13 nc:  3 ncall:4.3e+04 eff:11.6% logz-
ratio=284.73+/-0.10 dlogz:4.683>0.1]
```

```
4967it [39:17,  3.15it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.73+/-0.10 dlogz:4.677>0.1]

4968it [39:17,  3.89it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.6% logz-
ratio=284.74+/-0.10 dlogz:4.674>0.1]

4969it [39:17,  4.01it/s, bound:13 nc:  8 ncall:4.3e+04 eff:11.6% logz-
ratio=284.74+/-0.10 dlogz:4.671>0.1]

4970it [39:17,  3.44it/s, bound:13 nc: 14 ncall:4.3e+04 eff:11.6% logz-
ratio=284.74+/-0.10 dlogz:4.668>0.1]

4971it [39:17,  4.09it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.74+/-0.10 dlogz:4.665>0.1]

4972it [39:18,  4.73it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.75+/-0.10 dlogz:4.662>0.1]

4973it [39:18,  5.51it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.6% logz-
ratio=284.75+/-0.10 dlogz:4.659>0.1]

4974it [39:18,  6.29it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.6% logz-
ratio=284.75+/-0.10 dlogz:4.655>0.1]

4975it [39:18,  5.35it/s, bound:13 nc:  8 ncall:4.3e+04 eff:11.6% logz-
ratio=284.75+/-0.10 dlogz:4.652>0.1]

4976it [39:18,  5.07it/s, bound:13 nc:  7 ncall:4.3e+04 eff:11.6% logz-
ratio=284.75+/-0.10 dlogz:4.649>0.1]

4977it [39:19,  4.17it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.6% logz-
ratio=284.76+/-0.10 dlogz:4.646>0.1]

4978it [39:19,  3.73it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.76+/-0.10 dlogz:4.643>0.1]

4979it [39:19,  3.50it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.76+/-0.10 dlogz:4.640>0.1]

4980it [39:20,  3.35it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.76+/-0.10 dlogz:4.637>0.1]

4981it [39:20,  3.33it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.6% logz-
ratio=284.76+/-0.10 dlogz:4.634>0.1]

4982it [39:20,  3.22it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.77+/-0.10 dlogz:4.631>0.1]
```

4983it [39:21, 3.14it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.77+/-0.10 dlogz:4.628>0.1]

4984it [39:21, 3.09it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.77+/-0.10 dlogz:4.625>0.1]

4985it [39:21, 3.08it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.77+/-0.10 dlogz:4.622>0.1]

4986it [39:21, 3.23it/s, bound:13 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.77+/-0.10 dlogz:4.619>0.1]

4987it [39:22, 3.36it/s, bound:13 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.78+/-0.10 dlogz:4.615>0.1]

4988it [39:22, 3.07it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.78+/-0.10 dlogz:4.612>0.1]

4989it [39:23, 2.69it/s, bound:13 nc: 10 ncall:4.3e+04 eff:11.6% logz-ratio=284.78+/-0.10 dlogz:4.609>0.1]

4991it [39:23, 2.98it/s, bound:13 nc: 14 ncall:4.3e+04 eff:11.6% logz-ratio=284.79+/-0.10 dlogz:4.603>0.1]

4992it [39:23, 3.62it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.79+/-0.10 dlogz:4.600>0.1]

4994it [39:23, 4.40it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.79+/-0.10 dlogz:4.594>0.1]

4995it [39:24, 4.25it/s, bound:13 nc: 8 ncall:4.3e+04 eff:11.6% logz-ratio=284.79+/-0.10 dlogz:4.591>0.1]

4996it [39:24, 4.76it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.80+/-0.10 dlogz:4.588>0.1]

4997it [39:24, 5.18it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.80+/-0.10 dlogz:4.585>0.1]

4998it [39:24, 5.85it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.80+/-0.10 dlogz:4.582>0.1]

4999it [39:24, 5.41it/s, bound:13 nc: 7 ncall:4.3e+04 eff:11.6% logz-ratio=284.80+/-0.10 dlogz:4.579>0.1]

5000it [39:25, 2.97it/s, bound:13 nc: 10 ncall:4.3e+04 eff:11.6% logz-ratio=284.80+/-0.10 dlogz:4.576>0.1]

```
5001it [39:25,  3.15it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.6% logz-
ratio=284.81+/-0.10 dlogz:4.573>0.1]

5002it [39:26,  3.00it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.81+/-0.10 dlogz:4.570>0.1]

5003it [39:26,  2.79it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.81+/-0.10 dlogz:4.566>0.1]

5004it [39:26,  3.01it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.6% logz-
ratio=284.81+/-0.10 dlogz:4.563>0.1]

5005it [39:27,  3.02it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.81+/-0.10 dlogz:4.560>0.1]

5006it [39:27,  3.37it/s, bound:13 nc:  3 ncall:4.3e+04 eff:11.6% logz-
ratio=284.82+/-0.10 dlogz:4.557>0.1]

5007it [39:27,  3.25it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.82+/-0.10 dlogz:4.554>0.1]

5008it [39:28,  3.19it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.82+/-0.10 dlogz:4.551>0.1]

5009it [39:28,  3.16it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.82+/-0.10 dlogz:4.548>0.1]

5010it [39:28,  3.13it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.83+/-0.10 dlogz:4.545>0.1]

5011it [39:29,  3.07it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.83+/-0.10 dlogz:4.542>0.1]

5012it [39:29,  3.13it/s, bound:13 nc: 10 ncall:4.3e+04 eff:11.6% logz-
ratio=284.83+/-0.10 dlogz:4.539>0.1]

5013it [39:29,  3.91it/s, bound:13 nc:  4 ncall:4.3e+04 eff:11.6% logz-
ratio=284.83+/-0.10 dlogz:4.536>0.1]

5014it [39:29,  4.52it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.83+/-0.10 dlogz:4.533>0.1]

5015it [39:29,  5.11it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.84+/-0.10 dlogz:4.530>0.1]

5017it [39:30,  5.92it/s, bound:13 nc:  5 ncall:4.3e+04 eff:11.6% logz-
ratio=284.84+/-0.10 dlogz:4.524>0.1]
```

5018it [39:30, 6.46it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.84+/-0.10 dlogz:4.521>0.1]

5019it [39:30, 3.66it/s, bound:13 nc: 18 ncall:4.3e+04 eff:11.6% logz-ratio=284.84+/-0.10 dlogz:4.517>0.1]

5020it [39:30, 4.22it/s, bound:13 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.85+/-0.10 dlogz:4.514>0.1]

5021it [39:30, 5.00it/s, bound:14 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.85+/-0.10 dlogz:4.511>0.1]

5022it [39:31, 5.51it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.85+/-0.10 dlogz:4.508>0.1]

5023it [39:31, 2.90it/s, bound:14 nc: 10 ncall:4.3e+04 eff:11.6% logz-ratio=284.85+/-0.10 dlogz:4.505>0.1]

5024it [39:32, 2.92it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.85+/-0.10 dlogz:4.502>0.1]

5025it [39:32, 3.33it/s, bound:14 nc: 3 ncall:4.3e+04 eff:11.6% logz-ratio=284.86+/-0.10 dlogz:4.499>0.1]

5026it [39:33, 2.38it/s, bound:14 nc: 10 ncall:4.3e+04 eff:11.6% logz-ratio=284.86+/-0.10 dlogz:4.496>0.1]

5027it [39:33, 2.77it/s, bound:14 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.86+/-0.10 dlogz:4.493>0.1]

5028it [39:33, 3.49it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.86+/-0.10 dlogz:4.490>0.1]

5030it [39:33, 4.33it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.87+/-0.10 dlogz:4.484>0.1]

5031it [39:33, 5.02it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.87+/-0.10 dlogz:4.481>0.1]

5032it [39:33, 5.55it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.87+/-0.10 dlogz:4.478>0.1]

5033it [39:33, 6.12it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.87+/-0.10 dlogz:4.475>0.1]

5034it [39:34, 4.48it/s, bound:14 nc: 11 ncall:4.3e+04 eff:11.6% logz-ratio=284.87+/-0.10 dlogz:4.472>0.1]

5035it [39:34, 4.94it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.88+/-0.10 dlogz:4.469>0.1]

5036it [39:34, 5.41it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.88+/-0.10 dlogz:4.466>0.1]

5037it [39:35, 4.13it/s, bound:14 nc: 13 ncall:4.3e+04 eff:11.6% logz-ratio=284.88+/-0.10 dlogz:4.463>0.1]

5038it [39:35, 4.93it/s, bound:14 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.88+/-0.10 dlogz:4.460>0.1]

5039it [39:35, 4.64it/s, bound:14 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.89+/-0.10 dlogz:4.457>0.1]

5040it [39:35, 4.32it/s, bound:14 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.89+/-0.10 dlogz:4.454>0.1]

5041it [39:36, 2.89it/s, bound:14 nc: 8 ncall:4.3e+04 eff:11.6% logz-ratio=284.89+/-0.10 dlogz:4.451>0.1]

5042it [39:36, 2.92it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.89+/-0.10 dlogz:4.448>0.1]

5043it [39:36, 2.95it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.89+/-0.10 dlogz:4.445>0.1]

5044it [39:37, 3.14it/s, bound:14 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.90+/-0.10 dlogz:4.442>0.1]

5045it [39:37, 3.28it/s, bound:14 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.90+/-0.10 dlogz:4.439>0.1]

5046it [39:37, 3.39it/s, bound:14 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.90+/-0.10 dlogz:4.436>0.1]

5047it [39:38, 3.28it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.90+/-0.10 dlogz:4.433>0.1]

5048it [39:38, 3.22it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.90+/-0.10 dlogz:4.430>0.1]

5049it [39:38, 3.16it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.91+/-0.10 dlogz:4.427>0.1]

5050it [39:38, 3.30it/s, bound:14 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.91+/-0.10 dlogz:4.424>0.1]

5051it [39:39, 3.23it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.91+/-0.10 dlogz:4.421>0.1]

5052it [39:39, 3.39it/s, bound:14 nc: 7 ncall:4.3e+04 eff:11.6% logz-ratio=284.91+/-0.10 dlogz:4.418>0.1]

5053it [39:39, 4.15it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.91+/-0.10 dlogz:4.415>0.1]

5055it [39:40, 4.44it/s, bound:14 nc: 10 ncall:4.3e+04 eff:11.6% logz-ratio=284.92+/-0.10 dlogz:4.409>0.1]

5056it [39:40, 5.01it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.92+/-0.10 dlogz:4.406>0.1]

5057it [39:40, 5.49it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.92+/-0.10 dlogz:4.403>0.1]

5058it [39:40, 6.19it/s, bound:14 nc: 4 ncall:4.3e+04 eff:11.6% logz-ratio=284.92+/-0.10 dlogz:4.400>0.1]

5060it [39:40, 6.87it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.93+/-0.10 dlogz:4.394>0.1]

5061it [39:40, 6.97it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.6% logz-ratio=284.93+/-0.10 dlogz:4.392>0.1]

5062it [39:40, 7.13it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.7% logz-ratio=284.93+/-0.10 dlogz:4.389>0.1]

5063it [39:41, 4.97it/s, bound:14 nc: 11 ncall:4.3e+04 eff:11.6% logz-ratio=284.93+/-0.10 dlogz:4.386>0.1]

5064it [39:41, 4.47it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.7% logz-ratio=284.94+/-0.10 dlogz:4.383>0.1]

5065it [39:41, 4.17it/s, bound:14 nc: 4 ncall:4.3e+04 eff:11.7% logz-ratio=284.94+/-0.10 dlogz:4.380>0.1]

5066it [39:42, 2.57it/s, bound:14 nc: 10 ncall:4.3e+04 eff:11.7% logz-ratio=284.94+/-0.10 dlogz:4.377>0.1]

5067it [39:42, 2.65it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.7% logz-ratio=284.94+/-0.10 dlogz:4.374>0.1]

5068it [39:43, 2.73it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.7% logz-ratio=284.94+/-0.10 dlogz:4.371>0.1]

5069it [39:43, 2.84it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.7% logz-ratio=284.95+/-0.10 dlogz:4.368>0.1]

5070it [39:43, 3.51it/s, bound:14 nc: 5 ncall:4.3e+04 eff:11.7% logz-ratio=284.95+/-0.10 dlogz:4.365>0.1]

5071it [39:43, 4.19it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=284.95+/-0.10 dlogz:4.362>0.1]

5072it [39:43, 4.80it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=284.95+/-0.10 dlogz:4.359>0.1]

5073it [39:44, 5.35it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=284.95+/-0.10 dlogz:4.356>0.1]

5074it [39:44, 5.93it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=284.96+/-0.10 dlogz:4.353>0.1]

5075it [39:44, 6.76it/s, bound:14 nc: 4 ncall:4.4e+04 eff:11.7% logz-ratio=284.96+/-0.10 dlogz:4.350>0.1]

5076it [39:44, 7.40it/s, bound:14 nc: 4 ncall:4.4e+04 eff:11.7% logz-ratio=284.96+/-0.10 dlogz:4.347>0.1]

5077it [39:44, 5.70it/s, bound:14 nc: 9 ncall:4.4e+04 eff:11.7% logz-ratio=284.96+/-0.10 dlogz:4.344>0.1]

5078it [39:44, 6.11it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=284.96+/-0.10 dlogz:4.341>0.1]

5079it [39:45, 4.78it/s, bound:14 nc: 10 ncall:4.4e+04 eff:11.7% logz-ratio=284.97+/-0.10 dlogz:4.338>0.1]

5080it [39:45, 4.14it/s, bound:14 nc: 8 ncall:4.4e+04 eff:11.7% logz-ratio=284.97+/-0.10 dlogz:4.336>0.1]

5081it [39:45, 3.67it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=284.97+/-0.10 dlogz:4.333>0.1]

5082it [39:46, 3.46it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=284.97+/-0.10 dlogz:4.330>0.1]

5083it [39:46, 2.66it/s, bound:14 nc: 8 ncall:4.4e+04 eff:11.7% logz-ratio=284.97+/-0.10 dlogz:4.327>0.1]

5084it [39:47, 2.10it/s, bound:14 nc: 10 ncall:4.4e+04 eff:11.7% logz-ratio=284.97+/-0.10 dlogz:4.324>0.1]

5085it [39:47, 2.68it/s, bound:14 nc: 4 ncall:4.4e+04 eff:11.7% logz-ratio=284.98+/-0.10 dlogz:4.321>0.1]

5086it [39:47, 2.97it/s, bound:14 nc: 9 ncall:4.4e+04 eff:11.7% logz-ratio=284.98+/-0.10 dlogz:4.318>0.1]

5088it [39:47, 3.91it/s, bound:14 nc: 3 ncall:4.4e+04 eff:11.7% logz-ratio=284.98+/-0.10 dlogz:4.312>0.1]

5089it [39:48, 4.64it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=284.98+/-0.10 dlogz:4.309>0.1]

5090it [39:48, 5.27it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=284.99+/-0.10 dlogz:4.307>0.1]

5091it [39:48, 5.72it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=284.99+/-0.10 dlogz:4.304>0.1]

5092it [39:48, 4.38it/s, bound:14 nc: 11 ncall:4.4e+04 eff:11.7% logz-ratio=284.99+/-0.10 dlogz:4.301>0.1]

5093it [39:48, 4.90it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=284.99+/-0.10 dlogz:4.298>0.1]

5094it [39:49, 5.37it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=284.99+/-0.10 dlogz:4.295>0.1]

5095it [39:49, 5.86it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.00+/-0.10 dlogz:4.292>0.1]

5096it [39:49, 6.56it/s, bound:14 nc: 4 ncall:4.4e+04 eff:11.7% logz-ratio=285.00+/-0.10 dlogz:4.289>0.1]

5097it [39:49, 6.75it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.00+/-0.10 dlogz:4.286>0.1]

5098it [39:50, 3.27it/s, bound:14 nc: 10 ncall:4.4e+04 eff:11.7% logz-ratio=285.00+/-0.10 dlogz:4.284>0.1]

5099it [39:50, 3.17it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.00+/-0.10 dlogz:4.281>0.1]

5100it [39:50, 3.09it/s, bound:14 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.01+/-0.10 dlogz:4.278>0.1]

5101it [39:51, 3.22it/s, bound:14 nc: 4 ncall:4.4e+04 eff:11.7% logz-ratio=285.01+/-0.10 dlogz:4.275>0.1]

```
5102it [39:51,  2.99it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.01+/-0.10 dlogz:4.272>0.1]

5103it [39:51,  3.45it/s, bound:14 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.01+/-0.10 dlogz:4.269>0.1]

5104it [39:51,  4.21it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.01+/-0.10 dlogz:4.266>0.1]

5105it [39:51,  4.84it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.01+/-0.10 dlogz:4.264>0.1]

5106it [39:51,  5.67it/s, bound:14 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.02+/-0.10 dlogz:4.261>0.1]

5107it [39:52,  4.25it/s, bound:14 nc: 13 ncall:4.4e+04 eff:11.7% logz-
ratio=285.02+/-0.10 dlogz:4.258>0.1]

5108it [39:52,  5.09it/s, bound:14 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.02+/-0.10 dlogz:4.255>0.1]

5109it [39:52,  5.52it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.02+/-0.10 dlogz:4.252>0.1]

5111it [39:52,  6.47it/s, bound:14 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.03+/-0.10 dlogz:4.247>0.1]

5112it [39:52,  6.50it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.03+/-0.10 dlogz:4.244>0.1]

5113it [39:53,  6.68it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.03+/-0.10 dlogz:4.241>0.1]

5114it [39:53,  6.98it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.03+/-0.10 dlogz:4.238>0.1]

5115it [39:53,  7.36it/s, bound:14 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.03+/-0.10 dlogz:4.235>0.1]

5116it [39:53,  7.20it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.04+/-0.10 dlogz:4.232>0.1]

5117it [39:53,  5.67it/s, bound:14 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.04+/-0.10 dlogz:4.229>0.1]

5118it [39:54,  4.50it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.04+/-0.10 dlogz:4.227>0.1]
```

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5119it [39:54,  4.25it/s, bound:14 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.04+/-0.10 dlogz:4.224>0.1]

5120it [39:55,  2.13it/s, bound:14 nc: 14 ncall:4.4e+04 eff:11.7% logz-
ratio=285.04+/-0.10 dlogz:4.221>0.1]

5121it [39:55,  2.44it/s, bound:14 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.05+/-0.10 dlogz:4.218>0.1]

5122it [39:55,  3.11it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.05+/-0.10 dlogz:4.215>0.1]

5123it [39:55,  3.87it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.05+/-0.10 dlogz:4.212>0.1]

5124it [39:55,  4.64it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.05+/-0.10 dlogz:4.210>0.1]

5125it [39:56,  5.22it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.05+/-0.10 dlogz:4.207>0.1]

5126it [39:56,  5.73it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.05+/-0.10 dlogz:4.204>0.1]

5127it [39:56,  6.03it/s, bound:14 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.06+/-0.10 dlogz:4.201>0.1]

5128it [39:56,  5.37it/s, bound:14 nc:  8 ncall:4.4e+04 eff:11.7% logz-
ratio=285.06+/-0.10 dlogz:4.198>0.1]

5129it [39:56,  5.75it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.06+/-0.10 dlogz:4.195>0.1]

5130it [39:56,  5.87it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.06+/-0.10 dlogz:4.192>0.1]

5131it [39:57,  6.07it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.06+/-0.10 dlogz:4.190>0.1]

5132it [39:57,  5.72it/s, bound:15 nc:  6 ncall:4.4e+04 eff:11.7% logz-
ratio=285.07+/-0.10 dlogz:4.187>0.1]

5133it [39:57,  4.54it/s, bound:15 nc: 10 ncall:4.4e+04 eff:11.7% logz-
ratio=285.07+/-0.10 dlogz:4.184>0.1]

5134it [39:57,  4.63it/s, bound:15 nc:  3 ncall:4.4e+04 eff:11.7% logz-
ratio=285.07+/-0.10 dlogz:4.181>0.1]
```

5135it [39:58, 1.95it/s, bound:15 nc: 15 ncall:4.4e+04 eff:11.7% logz-ratio=285.07+/-0.10 dlogz:4.178>0.1]

5136it [39:59, 2.23it/s, bound:15 nc: 4 ncall:4.4e+04 eff:11.7% logz-ratio=285.07+/-0.10 dlogz:4.176>0.1]

5137it [40:00, 1.85it/s, bound:15 nc: 10 ncall:4.4e+04 eff:11.7% logz-ratio=285.08+/-0.10 dlogz:4.173>0.1]

5138it [40:00, 2.10it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.08+/-0.10 dlogz:4.170>0.1]

5139it [40:00, 2.31it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.08+/-0.10 dlogz:4.167>0.1]

5140it [40:01, 2.48it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.08+/-0.10 dlogz:4.164>0.1]

5141it [40:01, 2.90it/s, bound:15 nc: 3 ncall:4.4e+04 eff:11.7% logz-ratio=285.08+/-0.10 dlogz:4.161>0.1]

5142it [40:01, 3.08it/s, bound:15 nc: 4 ncall:4.4e+04 eff:11.7% logz-ratio=285.08+/-0.10 dlogz:4.159>0.1]

5143it [40:01, 3.15it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.09+/-0.10 dlogz:4.156>0.1]

5145it [40:02, 3.68it/s, bound:15 nc: 10 ncall:4.4e+04 eff:11.7% logz-ratio=285.09+/-0.10 dlogz:4.150>0.1]

5147it [40:02, 3.70it/s, bound:15 nc: 15 ncall:4.4e+04 eff:11.7% logz-ratio=285.09+/-0.10 dlogz:4.145>0.1]

5148it [40:02, 4.40it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.10+/-0.10 dlogz:4.142>0.1]

5150it [40:02, 5.34it/s, bound:15 nc: 4 ncall:4.4e+04 eff:11.7% logz-ratio=285.10+/-0.10 dlogz:4.136>0.1]

5152it [40:03, 6.45it/s, bound:15 nc: 3 ncall:4.4e+04 eff:11.7% logz-ratio=285.10+/-0.10 dlogz:4.131>0.1]

5153it [40:03, 6.77it/s, bound:15 nc: 4 ncall:4.4e+04 eff:11.7% logz-ratio=285.10+/-0.10 dlogz:4.128>0.1]

5155it [40:03, 7.44it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.11+/-0.10 dlogz:4.122>0.1]

5157it [40:03, 7.66it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.11+/-0.10 dlogz:4.117>0.1]

5158it [40:04, 5.75it/s, bound:15 nc: 4 ncall:4.4e+04 eff:11.7% logz-ratio=285.11+/-0.10 dlogz:4.114>0.1]

5159it [40:04, 3.40it/s, bound:15 nc: 8 ncall:4.4e+04 eff:11.7% logz-ratio=285.12+/-0.10 dlogz:4.111>0.1]

5160it [40:04, 3.46it/s, bound:15 nc: 4 ncall:4.4e+04 eff:11.7% logz-ratio=285.12+/-0.10 dlogz:4.108>0.1]

5161it [40:05, 3.30it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.12+/-0.10 dlogz:4.106>0.1]

5162it [40:05, 3.22it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.12+/-0.10 dlogz:4.103>0.1]

5163it [40:05, 3.14it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.12+/-0.10 dlogz:4.100>0.1]

5164it [40:06, 2.59it/s, bound:15 nc: 7 ncall:4.4e+04 eff:11.7% logz-ratio=285.12+/-0.10 dlogz:4.097>0.1]

5165it [40:06, 2.72it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.13+/-0.10 dlogz:4.095>0.1]

5166it [40:07, 2.10it/s, bound:15 nc: 10 ncall:4.4e+04 eff:11.7% logz-ratio=285.13+/-0.10 dlogz:4.092>0.1]

5167it [40:07, 2.32it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.13+/-0.10 dlogz:4.089>0.1]

5168it [40:08, 2.69it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.13+/-0.10 dlogz:4.086>0.1]

5169it [40:08, 2.88it/s, bound:15 nc: 10 ncall:4.4e+04 eff:11.7% logz-ratio=285.13+/-0.10 dlogz:4.083>0.1]

5170it [40:08, 2.66it/s, bound:15 nc: 15 ncall:4.4e+04 eff:11.7% logz-ratio=285.14+/-0.10 dlogz:4.081>0.1]

5171it [40:08, 3.41it/s, bound:15 nc: 3 ncall:4.4e+04 eff:11.7% logz-ratio=285.14+/-0.10 dlogz:4.078>0.1]

5172it [40:09, 3.81it/s, bound:15 nc: 6 ncall:4.4e+04 eff:11.7% logz-ratio=285.14+/-0.10 dlogz:4.075>0.1]

```
5173it [40:09,  4.57it/s, bound:15 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.14+/-0.10 dlogz:4.072>0.1]

5174it [40:09,  5.07it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.14+/-0.10 dlogz:4.070>0.1]

5175it [40:09,  5.53it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.14+/-0.10 dlogz:4.067>0.1]

5176it [40:09,  4.52it/s, bound:15 nc: 10 ncall:4.4e+04 eff:11.7% logz-
ratio=285.15+/-0.10 dlogz:4.064>0.1]

5177it [40:09,  5.13it/s, bound:15 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.15+/-0.10 dlogz:4.061>0.1]

5178it [40:10,  2.59it/s, bound:15 nc: 11 ncall:4.4e+04 eff:11.7% logz-
ratio=285.15+/-0.10 dlogz:4.059>0.1]

5179it [40:11,  2.67it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.15+/-0.10 dlogz:4.056>0.1]

5180it [40:11,  2.77it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.15+/-0.10 dlogz:4.053>0.1]

5181it [40:11,  3.02it/s, bound:15 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.16+/-0.10 dlogz:4.050>0.1]

5182it [40:12,  2.70it/s, bound:15 nc:  6 ncall:4.4e+04 eff:11.7% logz-
ratio=285.16+/-0.10 dlogz:4.048>0.1]

5183it [40:12,  2.95it/s, bound:15 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.16+/-0.10 dlogz:4.045>0.1]

5184it [40:13,  2.32it/s, bound:15 nc:  9 ncall:4.4e+04 eff:11.7% logz-
ratio=285.16+/-0.10 dlogz:4.042>0.1]

5185it [40:13,  2.49it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.16+/-0.10 dlogz:4.039>0.1]

5186it [40:13,  2.78it/s, bound:15 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.16+/-0.10 dlogz:4.036>0.1]

5187it [40:13,  2.98it/s, bound:15 nc:  4 ncall:4.4e+04 eff:11.7% logz-
ratio=285.17+/-0.10 dlogz:4.034>0.1]

5188it [40:14,  3.16it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.7% logz-
ratio=285.17+/-0.10 dlogz:4.031>0.1]
```

5190it [40:14, 3.96it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.17+/-0.10 dlogz:4.025>0.1]

5191it [40:14, 2.99it/s, bound:15 nc: 17 ncall:4.4e+04 eff:11.7% logz-ratio=285.17+/-0.10 dlogz:4.023>0.1]

5192it [40:15, 3.61it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.18+/-0.10 dlogz:4.020>0.1]

5193it [40:15, 4.22it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.18+/-0.10 dlogz:4.017>0.1]

5194it [40:15, 4.75it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.18+/-0.10 dlogz:4.014>0.1]

5195it [40:15, 4.21it/s, bound:15 nc: 10 ncall:4.4e+04 eff:11.7% logz-ratio=285.18+/-0.10 dlogz:4.012>0.1]

5196it [40:15, 4.70it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.7% logz-ratio=285.18+/-0.10 dlogz:4.009>0.1]

5197it [40:15, 4.93it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.8% logz-ratio=285.18+/-0.10 dlogz:4.006>0.1]

5198it [40:16, 5.16it/s, bound:15 nc: 4 ncall:4.4e+04 eff:11.8% logz-ratio=285.19+/-0.10 dlogz:4.003>0.1]

5199it [40:16, 2.90it/s, bound:15 nc: 10 ncall:4.4e+04 eff:11.8% logz-ratio=285.19+/-0.10 dlogz:4.001>0.1]

5200it [40:17, 2.91it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.8% logz-ratio=285.19+/-0.10 dlogz:3.998>0.1]

5201it [40:18, 2.07it/s, bound:15 nc: 10 ncall:4.4e+04 eff:11.8% logz-ratio=285.19+/-0.10 dlogz:3.995>0.1]

5202it [40:18, 2.14it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.8% logz-ratio=285.19+/-0.10 dlogz:3.992>0.1]

5203it [40:18, 2.29it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.8% logz-ratio=285.20+/-0.10 dlogz:3.990>0.1]

5204it [40:19, 1.79it/s, bound:15 nc: 11 ncall:4.4e+04 eff:11.8% logz-ratio=285.20+/-0.10 dlogz:3.987>0.1]

5205it [40:20, 1.97it/s, bound:15 nc: 5 ncall:4.4e+04 eff:11.8% logz-ratio=285.20+/-0.10 dlogz:3.984>0.1]

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5206it [40:20,  2.26it/s, bound:15 nc:  4 ncall:4.4e+04 eff:11.8% logz-
ratio=285.20+/-0.10 dlogz:3.982>0.1]

5207it [40:20,  2.43it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.20+/-0.10 dlogz:3.979>0.1]

5208it [40:20,  2.65it/s, bound:15 nc:  4 ncall:4.4e+04 eff:11.8% logz-
ratio=285.20+/-0.10 dlogz:3.976>0.1]

5209it [40:21,  2.68it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.21+/-0.10 dlogz:3.973>0.1]

5210it [40:21,  2.59it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.21+/-0.10 dlogz:3.971>0.1]

5211it [40:22,  1.57it/s, bound:15 nc: 13 ncall:4.4e+04 eff:11.8% logz-
ratio=285.21+/-0.10 dlogz:3.968>0.1]

5212it [40:23,  1.75it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.21+/-0.10 dlogz:3.965>0.1]

5213it [40:24,  1.53it/s, bound:15 nc:  9 ncall:4.4e+04 eff:11.8% logz-
ratio=285.21+/-0.10 dlogz:3.963>0.1]

5214it [40:24,  1.75it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.21+/-0.10 dlogz:3.960>0.1]

5215it [40:24,  1.95it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.22+/-0.10 dlogz:3.957>0.1]

5216it [40:25,  2.07it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.22+/-0.10 dlogz:3.954>0.1]

5217it [40:25,  2.17it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.22+/-0.10 dlogz:3.952>0.1]

5218it [40:26,  2.52it/s, bound:15 nc:  3 ncall:4.4e+04 eff:11.8% logz-
ratio=285.22+/-0.10 dlogz:3.949>0.1]

5219it [40:26,  2.52it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.22+/-0.10 dlogz:3.946>0.1]

5220it [40:26,  2.99it/s, bound:15 nc:  2 ncall:4.4e+04 eff:11.8% logz-
ratio=285.23+/-0.10 dlogz:3.944>0.1]

5221it [40:27,  2.09it/s, bound:15 nc: 10 ncall:4.4e+04 eff:11.8% logz-
ratio=285.23+/-0.10 dlogz:3.941>0.1]
```

```
5222it [40:27,  2.59it/s, bound:15 nc:  2 ncall:4.4e+04 eff:11.8% logz-
ratio=285.23+/-0.10 dlogz:3.938>0.1]

5223it [40:28,  1.95it/s, bound:15 nc: 10 ncall:4.4e+04 eff:11.8% logz-
ratio=285.23+/-0.10 dlogz:3.935>0.1]

5224it [40:29,  1.68it/s, bound:15 nc: 10 ncall:4.4e+04 eff:11.8% logz-
ratio=285.23+/-0.10 dlogz:3.933>0.1]

5225it [40:29,  1.88it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.23+/-0.10 dlogz:3.930>0.1]

5226it [40:30,  1.75it/s, bound:15 nc:  8 ncall:4.4e+04 eff:11.8% logz-
ratio=285.24+/-0.10 dlogz:3.927>0.1]

5227it [40:30,  1.75it/s, bound:15 nc:  8 ncall:4.4e+04 eff:11.8% logz-
ratio=285.24+/-0.10 dlogz:3.925>0.1]

5228it [40:31,  1.99it/s, bound:15 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.24+/-0.10 dlogz:3.922>0.1]

5229it [40:31,  2.44it/s, bound:15 nc:  3 ncall:4.4e+04 eff:11.8% logz-
ratio=285.24+/-0.10 dlogz:3.919>0.1]

5230it [40:31,  2.63it/s, bound:16 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.24+/-0.10 dlogz:3.917>0.1]

5231it [40:31,  2.79it/s, bound:16 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.24+/-0.10 dlogz:3.914>0.1]

5232it [40:32,  3.28it/s, bound:16 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.25+/-0.10 dlogz:3.911>0.1]

5233it [40:32,  3.64it/s, bound:16 nc:  9 ncall:4.4e+04 eff:11.8% logz-
ratio=285.25+/-0.10 dlogz:3.909>0.1]

5234it [40:32,  4.36it/s, bound:16 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.25+/-0.10 dlogz:3.906>0.1]

5235it [40:32,  5.15it/s, bound:16 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.25+/-0.10 dlogz:3.903>0.1]

5236it [40:32,  5.89it/s, bound:16 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.25+/-0.10 dlogz:3.901>0.1]

5237it [40:32,  6.31it/s, bound:16 nc:  5 ncall:4.4e+04 eff:11.8% logz-
ratio=285.25+/-0.10 dlogz:3.898>0.1]
```

5238it [40:33, 4.69it/s, bound:16 nc: 10 ncall:4.4e+04 eff:11.8% logz-ratio=285.26+/-0.10 dlogz:3.895>0.1]

5239it [40:33, 5.22it/s, bound:16 nc: 5 ncall:4.4e+04 eff:11.8% logz-ratio=285.26+/-0.10 dlogz:3.893>0.1]

5240it [40:33, 5.77it/s, bound:16 nc: 5 ncall:4.4e+04 eff:11.8% logz-ratio=285.26+/-0.10 dlogz:3.890>0.1]

5241it [40:33, 6.11it/s, bound:16 nc: 5 ncall:4.4e+04 eff:11.8% logz-ratio=285.26+/-0.10 dlogz:3.887>0.1]

5242it [40:33, 5.85it/s, bound:16 nc: 3 ncall:4.4e+04 eff:11.8% logz-ratio=285.26+/-0.10 dlogz:3.885>0.1]

5243it [40:33, 6.28it/s, bound:16 nc: 5 ncall:4.5e+04 eff:11.8% logz-ratio=285.27+/-0.10 dlogz:3.882>0.1]

5244it [40:34, 5.60it/s, bound:16 nc: 7 ncall:4.5e+04 eff:11.8% logz-ratio=285.27+/-0.10 dlogz:3.879>0.1]

5245it [40:34, 3.32it/s, bound:16 nc: 9 ncall:4.5e+04 eff:11.8% logz-ratio=285.27+/-0.10 dlogz:3.877>0.1]

5246it [40:35, 2.59it/s, bound:16 nc: 9 ncall:4.5e+04 eff:11.8% logz-ratio=285.27+/-0.10 dlogz:3.874>0.1]

5247it [40:35, 2.87it/s, bound:16 nc: 4 ncall:4.5e+04 eff:11.8% logz-ratio=285.27+/-0.10 dlogz:3.871>0.1]

5248it [40:35, 2.94it/s, bound:16 nc: 5 ncall:4.5e+04 eff:11.8% logz-ratio=285.27+/-0.10 dlogz:3.869>0.1]

5249it [40:36, 2.28it/s, bound:16 nc: 11 ncall:4.5e+04 eff:11.8% logz-ratio=285.28+/-0.10 dlogz:3.866>0.1]

5250it [40:36, 2.94it/s, bound:16 nc: 5 ncall:4.5e+04 eff:11.8% logz-ratio=285.28+/-0.10 dlogz:3.864>0.1]

5252it [40:37, 3.49it/s, bound:16 nc: 10 ncall:4.5e+04 eff:11.8% logz-ratio=285.28+/-0.10 dlogz:3.858>0.1]

5254it [40:37, 4.37it/s, bound:16 nc: 5 ncall:4.5e+04 eff:11.8% logz-ratio=285.28+/-0.10 dlogz:3.853>0.1]

5255it [40:37, 4.08it/s, bound:16 nc: 9 ncall:4.5e+04 eff:11.8% logz-ratio=285.29+/-0.10 dlogz:3.850>0.1]

```
5256it [40:37,  4.28it/s, bound:16 nc:  6 ncall:4.5e+04 eff:11.8% logz-
ratio=285.29+/-0.10 dlogz:3.848>0.1]

5257it [40:37,  4.76it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.29+/-0.10 dlogz:3.845>0.1]

5258it [40:38,  3.36it/s, bound:16 nc: 14 ncall:4.5e+04 eff:11.8% logz-
ratio=285.29+/-0.10 dlogz:3.842>0.1]

5259it [40:38,  2.98it/s, bound:16 nc:  7 ncall:4.5e+04 eff:11.8% logz-
ratio=285.29+/-0.10 dlogz:3.840>0.1]

5260it [40:39,  3.14it/s, bound:16 nc:  4 ncall:4.5e+04 eff:11.8% logz-
ratio=285.29+/-0.10 dlogz:3.837>0.1]

5261it [40:39,  2.07it/s, bound:16 nc: 10 ncall:4.5e+04 eff:11.8% logz-
ratio=285.30+/-0.10 dlogz:3.835>0.1]

5262it [40:40,  2.22it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.30+/-0.10 dlogz:3.832>0.1]

5263it [40:40,  2.44it/s, bound:16 nc:  4 ncall:4.5e+04 eff:11.8% logz-
ratio=285.30+/-0.10 dlogz:3.829>0.1]

5264it [40:40,  2.72it/s, bound:16 nc:  3 ncall:4.5e+04 eff:11.8% logz-
ratio=285.30+/-0.10 dlogz:3.827>0.1]

5265it [40:41,  2.61it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.30+/-0.10 dlogz:3.824>0.1]

5266it [40:42,  1.89it/s, bound:16 nc:  8 ncall:4.5e+04 eff:11.8% logz-
ratio=285.30+/-0.10 dlogz:3.821>0.1]

5267it [40:42,  2.33it/s, bound:16 nc:  2 ncall:4.5e+04 eff:11.8% logz-
ratio=285.31+/-0.10 dlogz:3.819>0.1]

5268it [40:43,  1.88it/s, bound:16 nc:  9 ncall:4.5e+04 eff:11.8% logz-
ratio=285.31+/-0.10 dlogz:3.816>0.1]

5269it [40:43,  2.20it/s, bound:16 nc:  4 ncall:4.5e+04 eff:11.8% logz-
ratio=285.31+/-0.10 dlogz:3.814>0.1]

5270it [40:44,  1.83it/s, bound:16 nc: 10 ncall:4.5e+04 eff:11.8% logz-
ratio=285.31+/-0.10 dlogz:3.811>0.1]

5271it [40:44,  1.96it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.31+/-0.10 dlogz:3.808>0.1]
```

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5272it [40:45,  1.74it/s, bound:16 nc: 12 ncall:4.5e+04 eff:11.8% logz-
ratio=285.31+/-0.10 dlogz:3.806>0.1]

5273it [40:45,  2.26it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.32+/-0.10 dlogz:3.803>0.1]

5274it [40:45,  2.85it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.32+/-0.10 dlogz:3.800>0.1]

5275it [40:45,  3.46it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.32+/-0.10 dlogz:3.798>0.1]

5276it [40:45,  4.01it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.32+/-0.10 dlogz:3.795>0.1]

5277it [40:46,  4.56it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.32+/-0.10 dlogz:3.793>0.1]

5278it [40:46,  4.96it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.32+/-0.10 dlogz:3.790>0.1]

5279it [40:46,  5.01it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.33+/-0.10 dlogz:3.787>0.1]

5280it [40:46,  4.91it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.33+/-0.10 dlogz:3.785>0.1]

5281it [40:46,  5.03it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.33+/-0.10 dlogz:3.782>0.1]

5282it [40:46,  5.26it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.33+/-0.10 dlogz:3.779>0.1]

5283it [40:47,  5.62it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.33+/-0.10 dlogz:3.777>0.1]

5284it [40:47,  5.32it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.33+/-0.10 dlogz:3.774>0.1]

5285it [40:48,  2.17it/s, bound:16 nc: 14 ncall:4.5e+04 eff:11.8% logz-
ratio=285.34+/-0.10 dlogz:3.771>0.1]

5286it [40:48,  2.59it/s, bound:16 nc:  3 ncall:4.5e+04 eff:11.8% logz-
ratio=285.34+/-0.10 dlogz:3.769>0.1]

5287it [40:49,  2.15it/s, bound:16 nc:  8 ncall:4.5e+04 eff:11.8% logz-
ratio=285.34+/-0.10 dlogz:3.766>0.1]
```

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5288it [40:49,  2.40it/s, bound:16 nc:  4 ncall:4.5e+04 eff:11.8% logz-
ratio=285.34+/-0.10 dlogz:3.764>0.1]

5289it [40:49,  2.83it/s, bound:16 nc:  3 ncall:4.5e+04 eff:11.8% logz-
ratio=285.34+/-0.10 dlogz:3.761>0.1]

5290it [40:50,  2.85it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.34+/-0.10 dlogz:3.758>0.1]

5291it [40:50,  2.73it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.35+/-0.10 dlogz:3.756>0.1]

5292it [40:51,  1.64it/s, bound:16 nc: 13 ncall:4.5e+04 eff:11.8% logz-
ratio=285.35+/-0.10 dlogz:3.753>0.1]

5293it [40:52,  1.83it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.35+/-0.10 dlogz:3.750>0.1]

5294it [40:52,  2.00it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.35+/-0.10 dlogz:3.748>0.1]

5295it [40:53,  1.91it/s, bound:16 nc:  7 ncall:4.5e+04 eff:11.8% logz-
ratio=285.35+/-0.10 dlogz:3.745>0.1]

5296it [40:54,  1.48it/s, bound:16 nc: 14 ncall:4.5e+04 eff:11.8% logz-
ratio=285.35+/-0.10 dlogz:3.743>0.1]

5297it [40:54,  1.98it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.36+/-0.10 dlogz:3.740>0.1]

5299it [40:54,  2.59it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.36+/-0.10 dlogz:3.735>0.1]

5300it [40:54,  3.22it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.36+/-0.10 dlogz:3.732>0.1]

5302it [40:54,  4.16it/s, bound:16 nc:  4 ncall:4.5e+04 eff:11.8% logz-
ratio=285.36+/-0.10 dlogz:3.727>0.1]

5303it [40:54,  5.03it/s, bound:16 nc:  4 ncall:4.5e+04 eff:11.8% logz-
ratio=285.37+/-0.10 dlogz:3.724>0.1]

5304it [40:54,  5.65it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.37+/-0.10 dlogz:3.722>0.1]

5305it [40:55,  6.02it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.37+/-0.10 dlogz:3.719>0.1]
```

5306it [40:55, 3.93it/s, bound:16 nc: 14 ncall:4.5e+04 eff:11.8% logz-ratio=285.37+/-0.10 dlogz:3.717>0.1]

5308it [40:55, 4.93it/s, bound:16 nc: 3 ncall:4.5e+04 eff:11.8% logz-ratio=285.37+/-0.10 dlogz:3.711>0.1]

5309it [40:55, 5.59it/s, bound:16 nc: 4 ncall:4.5e+04 eff:11.8% logz-ratio=285.38+/-0.10 dlogz:3.709>0.1]

5310it [40:56, 4.95it/s, bound:16 nc: 7 ncall:4.5e+04 eff:11.8% logz-ratio=285.38+/-0.10 dlogz:3.706>0.1]

5311it [40:56, 2.59it/s, bound:16 nc: 10 ncall:4.5e+04 eff:11.8% logz-ratio=285.38+/-0.10 dlogz:3.704>0.1]

5312it [40:57, 2.39it/s, bound:16 nc: 6 ncall:4.5e+04 eff:11.8% logz-ratio=285.38+/-0.10 dlogz:3.701>0.1]

5313it [40:57, 2.73it/s, bound:16 nc: 3 ncall:4.5e+04 eff:11.8% logz-ratio=285.38+/-0.10 dlogz:3.698>0.1]

5314it [40:58, 2.78it/s, bound:16 nc: 5 ncall:4.5e+04 eff:11.8% logz-ratio=285.38+/-0.10 dlogz:3.696>0.1]

5315it [40:58, 2.67it/s, bound:16 nc: 5 ncall:4.5e+04 eff:11.8% logz-ratio=285.39+/-0.10 dlogz:3.693>0.1]

5316it [40:58, 2.58it/s, bound:16 nc: 5 ncall:4.5e+04 eff:11.8% logz-ratio=285.39+/-0.10 dlogz:3.691>0.1]

5317it [40:59, 2.68it/s, bound:16 nc: 4 ncall:4.5e+04 eff:11.8% logz-ratio=285.39+/-0.10 dlogz:3.688>0.1]

5318it [40:59, 2.94it/s, bound:16 nc: 3 ncall:4.5e+04 eff:11.8% logz-ratio=285.39+/-0.10 dlogz:3.685>0.1]

5319it [40:59, 2.86it/s, bound:16 nc: 5 ncall:4.5e+04 eff:11.8% logz-ratio=285.39+/-0.10 dlogz:3.683>0.1]

5320it [41:00, 2.94it/s, bound:16 nc: 5 ncall:4.5e+04 eff:11.8% logz-ratio=285.39+/-0.10 dlogz:3.680>0.1]

5321it [41:00, 2.98it/s, bound:16 nc: 5 ncall:4.5e+04 eff:11.8% logz-ratio=285.40+/-0.10 dlogz:3.678>0.1]

5322it [41:00, 3.47it/s, bound:16 nc: 4 ncall:4.5e+04 eff:11.8% logz-ratio=285.40+/-0.10 dlogz:3.675>0.1]

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5323it [41:00,  4.19it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.40+/-0.10 dlogz:3.673>0.1]

5324it [41:00,  4.46it/s, bound:16 nc:  7 ncall:4.5e+04 eff:11.8% logz-
ratio=285.40+/-0.10 dlogz:3.670>0.1]

5325it [41:01,  5.13it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.40+/-0.10 dlogz:3.667>0.1]

5326it [41:01,  5.43it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.40+/-0.10 dlogz:3.665>0.1]

5327it [41:01,  5.37it/s, bound:16 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.41+/-0.10 dlogz:3.662>0.1]

5328it [41:01,  5.39it/s, bound:16 nc:  4 ncall:4.5e+04 eff:11.8% logz-
ratio=285.41+/-0.10 dlogz:3.660>0.1]

5329it [41:01,  5.77it/s, bound:16 nc:  3 ncall:4.5e+04 eff:11.8% logz-
ratio=285.41+/-0.10 dlogz:3.657>0.1]

5330it [41:02,  3.51it/s, bound:16 nc: 13 ncall:4.5e+04 eff:11.8% logz-
ratio=285.41+/-0.10 dlogz:3.654>0.1]

5331it [41:02,  4.14it/s, bound:16 nc:  4 ncall:4.5e+04 eff:11.8% logz-
ratio=285.41+/-0.10 dlogz:3.652>0.1]

5332it [41:03,  2.92it/s, bound:16 nc: 10 ncall:4.5e+04 eff:11.8% logz-
ratio=285.41+/-0.10 dlogz:3.649>0.1]

5333it [41:03,  2.77it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.42+/-0.10 dlogz:3.647>0.1]

5334it [41:03,  2.91it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.42+/-0.10 dlogz:3.644>0.1]

5335it [41:04,  2.95it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.42+/-0.10 dlogz:3.642>0.1]

5336it [41:04,  3.21it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.8% logz-
ratio=285.42+/-0.10 dlogz:3.639>0.1]

5337it [41:04,  2.35it/s, bound:17 nc: 10 ncall:4.5e+04 eff:11.8% logz-
ratio=285.42+/-0.10 dlogz:3.636>0.1]

5338it [41:05,  2.71it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.8% logz-
ratio=285.42+/-0.10 dlogz:3.634>0.1]
```

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5339it [41:05,  2.90it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.8% logz-
ratio=285.43+/-0.10 dlogz:3.631>0.1]

5340it [41:05,  3.18it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.8% logz-
ratio=285.43+/-0.10 dlogz:3.629>0.1]

5341it [41:05,  3.42it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.8% logz-
ratio=285.43+/-0.10 dlogz:3.626>0.1]

5342it [41:06,  3.86it/s, bound:17 nc:  3 ncall:4.5e+04 eff:11.8% logz-
ratio=285.43+/-0.10 dlogz:3.624>0.1]

5343it [41:06,  3.65it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.43+/-0.10 dlogz:3.621>0.1]

5344it [41:06,  3.81it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.9% logz-
ratio=285.43+/-0.10 dlogz:3.618>0.1]

5345it [41:06,  3.78it/s, bound:17 nc:  7 ncall:4.5e+04 eff:11.9% logz-
ratio=285.44+/-0.10 dlogz:3.616>0.1]

5346it [41:07,  4.03it/s, bound:17 nc:  9 ncall:4.5e+04 eff:11.9% logz-
ratio=285.44+/-0.10 dlogz:3.613>0.1]

5347it [41:07,  4.68it/s, bound:17 nc:  3 ncall:4.5e+04 eff:11.9% logz-
ratio=285.44+/-0.10 dlogz:3.611>0.1]

5348it [41:07,  5.00it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.9% logz-
ratio=285.44+/-0.10 dlogz:3.608>0.1]

5349it [41:07,  4.38it/s, bound:17 nc: 10 ncall:4.5e+04 eff:11.9% logz-
ratio=285.44+/-0.10 dlogz:3.606>0.1]

5350it [41:07,  5.22it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.9% logz-
ratio=285.44+/-0.10 dlogz:3.603>0.1]

5352it [41:08,  5.27it/s, bound:17 nc: 10 ncall:4.5e+04 eff:11.9% logz-
ratio=285.45+/-0.10 dlogz:3.598>0.1]

5353it [41:08,  5.73it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.45+/-0.10 dlogz:3.595>0.1]

5354it [41:08,  6.30it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.45+/-0.10 dlogz:3.593>0.1]

5355it [41:08,  6.71it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.45+/-0.10 dlogz:3.590>0.1]
```

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5356it [41:08,  6.92it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.45+/-0.10 dlogz:3.588>0.1]

5358it [41:09,  6.34it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.46+/-0.10 dlogz:3.583>0.1]

5359it [41:09,  4.81it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.46+/-0.10 dlogz:3.580>0.1]

5360it [41:10,  3.31it/s, bound:17 nc:  7 ncall:4.5e+04 eff:11.9% logz-
ratio=285.46+/-0.10 dlogz:3.578>0.1]

5361it [41:10,  2.36it/s, bound:17 nc: 10 ncall:4.5e+04 eff:11.9% logz-
ratio=285.46+/-0.10 dlogz:3.575>0.1]

5362it [41:11,  2.52it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.46+/-0.10 dlogz:3.573>0.1]

5363it [41:11,  2.93it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.46+/-0.10 dlogz:3.570>0.1]

5364it [41:11,  3.68it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.47+/-0.10 dlogz:3.568>0.1]

5365it [41:11,  4.30it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.47+/-0.10 dlogz:3.565>0.1]

5366it [41:11,  4.29it/s, bound:17 nc:  7 ncall:4.5e+04 eff:11.9% logz-
ratio=285.47+/-0.10 dlogz:3.563>0.1]

5367it [41:11,  4.71it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.47+/-0.10 dlogz:3.560>0.1]

5368it [41:12,  4.56it/s, bound:17 nc:  8 ncall:4.5e+04 eff:11.9% logz-
ratio=285.47+/-0.10 dlogz:3.558>0.1]

5369it [41:12,  4.81it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.47+/-0.10 dlogz:3.555>0.1]

5370it [41:12,  5.11it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.48+/-0.10 dlogz:3.552>0.1]

5371it [41:12,  3.87it/s, bound:17 nc: 12 ncall:4.5e+04 eff:11.9% logz-
ratio=285.48+/-0.10 dlogz:3.550>0.1]

5372it [41:13,  4.69it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.9% logz-
ratio=285.48+/-0.10 dlogz:3.547>0.1]
```

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5373it [41:13,  5.41it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.48+/-0.10 dlogz:3.545>0.1]

5374it [41:13,  6.13it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.48+/-0.10 dlogz:3.542>0.1]

5375it [41:13,  5.57it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.9% logz-
ratio=285.48+/-0.10 dlogz:3.540>0.1]

5376it [41:13,  4.49it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.49+/-0.10 dlogz:3.537>0.1]

5377it [41:14,  4.39it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.9% logz-
ratio=285.49+/-0.10 dlogz:3.535>0.1]

5378it [41:14,  4.05it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.49+/-0.10 dlogz:3.532>0.1]

5379it [41:14,  3.19it/s, bound:17 nc:  7 ncall:4.5e+04 eff:11.9% logz-
ratio=285.49+/-0.10 dlogz:3.530>0.1]

5380it [41:15,  3.16it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.9% logz-
ratio=285.49+/-0.10 dlogz:3.527>0.1]

5381it [41:15,  3.39it/s, bound:17 nc:  3 ncall:4.5e+04 eff:11.9% logz-
ratio=285.49+/-0.10 dlogz:3.525>0.1]

5382it [41:15,  3.83it/s, bound:17 nc:  3 ncall:4.5e+04 eff:11.9% logz-
ratio=285.49+/-0.10 dlogz:3.523>0.1]

5383it [41:15,  4.66it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.9% logz-
ratio=285.50+/-0.10 dlogz:3.520>0.1]

5384it [41:15,  4.83it/s, bound:17 nc:  8 ncall:4.5e+04 eff:11.9% logz-
ratio=285.50+/-0.10 dlogz:3.518>0.1]

5385it [41:15,  5.64it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.9% logz-
ratio=285.50+/-0.10 dlogz:3.515>0.1]

5387it [41:16,  5.71it/s, bound:17 nc: 10 ncall:4.5e+04 eff:11.9% logz-
ratio=285.50+/-0.10 dlogz:3.510>0.1]

5388it [41:16,  5.20it/s, bound:17 nc:  9 ncall:4.5e+04 eff:11.9% logz-
ratio=285.50+/-0.10 dlogz:3.508>0.1]

5389it [41:16,  5.70it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.51+/-0.10 dlogz:3.505>0.1]
```

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5390it [41:16,  4.94it/s, bound:17 nc: 10 ncall:4.5e+04 eff:11.9% logz-
ratio=285.51+/-0.10 dlogz:3.503>0.1]

5391it [41:17,  5.47it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.51+/-0.10 dlogz:3.500>0.1]

5392it [41:17,  6.03it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.51+/-0.10 dlogz:3.498>0.1]

5393it [41:17,  6.60it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.51+/-0.10 dlogz:3.495>0.1]

5394it [41:17,  4.64it/s, bound:17 nc: 10 ncall:4.5e+04 eff:11.9% logz-
ratio=285.51+/-0.10 dlogz:3.493>0.1]

5395it [41:17,  4.21it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.51+/-0.10 dlogz:3.490>0.1]

5396it [41:18,  3.95it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.52+/-0.10 dlogz:3.488>0.1]

5397it [41:18,  3.78it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.52+/-0.10 dlogz:3.485>0.1]

5398it [41:18,  3.92it/s, bound:17 nc:  4 ncall:4.5e+04 eff:11.9% logz-
ratio=285.52+/-0.10 dlogz:3.483>0.1]

5399it [41:19,  2.56it/s, bound:17 nc: 10 ncall:4.5e+04 eff:11.9% logz-
ratio=285.52+/-0.10 dlogz:3.480>0.1]

5400it [41:19,  2.76it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.52+/-0.10 dlogz:3.478>0.1]

5402it [41:20,  3.34it/s, bound:17 nc:  9 ncall:4.5e+04 eff:11.9% logz-
ratio=285.53+/-0.10 dlogz:3.473>0.1]

5403it [41:20,  3.53it/s, bound:17 nc: 10 ncall:4.5e+04 eff:11.9% logz-
ratio=285.53+/-0.10 dlogz:3.470>0.1]

5405it [41:20,  4.35it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.53+/-0.10 dlogz:3.466>0.1]

5406it [41:20,  4.99it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.53+/-0.10 dlogz:3.463>0.1]

5407it [41:20,  5.50it/s, bound:17 nc:  5 ncall:4.5e+04 eff:11.9% logz-
ratio=285.53+/-0.10 dlogz:3.461>0.1]
```

5408it [41:21, 5.00it/s, bound:17 nc: 8 ncall:4.5e+04 eff:11.9% logz-ratio=285.53+/-0.10 dlogz:3.458>0.1]

5409it [41:21, 5.63it/s, bound:17 nc: 5 ncall:4.5e+04 eff:11.9% logz-ratio=285.54+/-0.10 dlogz:3.456>0.1]

5410it [41:21, 5.84it/s, bound:17 nc: 5 ncall:4.5e+04 eff:11.9% logz-ratio=285.54+/-0.10 dlogz:3.453>0.1]

5411it [41:21, 5.61it/s, bound:17 nc: 5 ncall:4.5e+04 eff:11.9% logz-ratio=285.54+/-0.10 dlogz:3.451>0.1]

5412it [41:21, 4.31it/s, bound:17 nc: 10 ncall:4.5e+04 eff:11.9% logz-ratio=285.54+/-0.10 dlogz:3.448>0.1]

5413it [41:22, 3.98it/s, bound:17 nc: 5 ncall:4.5e+04 eff:11.9% logz-ratio=285.54+/-0.10 dlogz:3.446>0.1]

5414it [41:22, 3.68it/s, bound:17 nc: 5 ncall:4.5e+04 eff:11.9% logz-ratio=285.54+/-0.10 dlogz:3.443>0.1]

5415it [41:22, 3.00it/s, bound:17 nc: 4 ncall:4.6e+04 eff:11.9% logz-ratio=285.55+/-0.10 dlogz:3.441>0.1]

5416it [41:23, 2.47it/s, bound:17 nc: 9 ncall:4.6e+04 eff:11.9% logz-ratio=285.55+/-0.10 dlogz:3.439>0.1]

5417it [41:24, 2.37it/s, bound:17 nc: 5 ncall:4.6e+04 eff:11.9% logz-ratio=285.55+/-0.10 dlogz:3.436>0.1]

5418it [41:24, 2.74it/s, bound:17 nc: 5 ncall:4.6e+04 eff:11.9% logz-ratio=285.55+/-0.10 dlogz:3.434>0.1]

5419it [41:24, 3.49it/s, bound:17 nc: 5 ncall:4.6e+04 eff:11.9% logz-ratio=285.55+/-0.10 dlogz:3.431>0.1]

5421it [41:24, 4.50it/s, bound:17 nc: 3 ncall:4.6e+04 eff:11.9% logz-ratio=285.55+/-0.10 dlogz:3.426>0.1]

5422it [41:24, 5.35it/s, bound:17 nc: 5 ncall:4.6e+04 eff:11.9% logz-ratio=285.56+/-0.10 dlogz:3.424>0.1]

5423it [41:24, 4.41it/s, bound:17 nc: 10 ncall:4.6e+04 eff:11.9% logz-ratio=285.56+/-0.10 dlogz:3.421>0.1]

5425it [41:25, 5.33it/s, bound:17 nc: 5 ncall:4.6e+04 eff:11.9% logz-ratio=285.56+/-0.10 dlogz:3.417>0.1]

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5427it [41:25,  4.87it/s, bound:17 nc: 15 ncall:4.6e+04 eff:11.9% logz-
ratio=285.56+/-0.10 dlogz:3.412>0.1]

5428it [41:25,  4.51it/s, bound:17 nc: 10 ncall:4.6e+04 eff:11.9% logz-
ratio=285.57+/-0.10 dlogz:3.409>0.1]

5429it [41:25,  5.21it/s, bound:17 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.57+/-0.10 dlogz:3.407>0.1]

5430it [41:26,  5.85it/s, bound:17 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.57+/-0.10 dlogz:3.404>0.1]

5431it [41:26,  6.31it/s, bound:17 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.57+/-0.10 dlogz:3.402>0.1]

5433it [41:26,  6.09it/s, bound:17 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.57+/-0.10 dlogz:3.397>0.1]

5434it [41:26,  4.95it/s, bound:17 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.57+/-0.10 dlogz:3.395>0.1]

5435it [41:27,  5.08it/s, bound:17 nc:  3 ncall:4.6e+04 eff:11.9% logz-
ratio=285.58+/-0.10 dlogz:3.392>0.1]

5436it [41:27,  4.47it/s, bound:17 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.58+/-0.10 dlogz:3.390>0.1]

5437it [41:27,  3.07it/s, bound:17 nc:  9 ncall:4.6e+04 eff:11.9% logz-
ratio=285.58+/-0.10 dlogz:3.387>0.1]

5438it [41:28,  3.36it/s, bound:17 nc:  4 ncall:4.6e+04 eff:11.9% logz-
ratio=285.58+/-0.10 dlogz:3.385>0.1]

5439it [41:28,  3.33it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.58+/-0.10 dlogz:3.382>0.1]

5440it [41:28,  3.65it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.58+/-0.10 dlogz:3.380>0.1]

5441it [41:28,  4.49it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.59+/-0.10 dlogz:3.378>0.1]

5443it [41:29,  5.12it/s, bound:18 nc:  9 ncall:4.6e+04 eff:11.9% logz-
ratio=285.59+/-0.10 dlogz:3.373>0.1]

5444it [41:29,  5.76it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.59+/-0.10 dlogz:3.370>0.1]
```

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5445it [41:29,  6.43it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.59+/-0.10 dlogz:3.368>0.1]

5446it [41:29,  7.20it/s, bound:18 nc:  4 ncall:4.6e+04 eff:11.9% logz-
ratio=285.59+/-0.10 dlogz:3.365>0.1]

5447it [41:29,  7.55it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.59+/-0.10 dlogz:3.363>0.1]

5448it [41:29,  7.89it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.60+/-0.10 dlogz:3.361>0.1]

5449it [41:29,  8.00it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.60+/-0.10 dlogz:3.358>0.1]

5450it [41:30,  5.26it/s, bound:18 nc: 13 ncall:4.6e+04 eff:11.9% logz-
ratio=285.60+/-0.10 dlogz:3.356>0.1]

5451it [41:30,  5.94it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.60+/-0.10 dlogz:3.353>0.1]

5453it [41:30,  6.77it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.60+/-0.10 dlogz:3.348>0.1]

5454it [41:31,  2.95it/s, bound:18 nc: 20 ncall:4.6e+04 eff:11.9% logz-
ratio=285.61+/-0.10 dlogz:3.346>0.1]

5455it [41:31,  3.02it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.61+/-0.10 dlogz:3.344>0.1]

5456it [41:31,  2.84it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.61+/-0.10 dlogz:3.341>0.1]

5457it [41:32,  2.70it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.61+/-0.10 dlogz:3.339>0.1]

5458it [41:32,  2.98it/s, bound:18 nc:  4 ncall:4.6e+04 eff:11.9% logz-
ratio=285.61+/-0.10 dlogz:3.336>0.1]

5459it [41:32,  3.67it/s, bound:18 nc:  2 ncall:4.6e+04 eff:11.9% logz-
ratio=285.61+/-0.10 dlogz:3.334>0.1]

5460it [41:32,  3.45it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.61+/-0.10 dlogz:3.332>0.1]

5461it [41:33,  3.98it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.62+/-0.10 dlogz:3.329>0.1]
```

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5462it [41:33,  4.61it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.62+/-0.10 dlogz:3.327>0.1]

5463it [41:33,  4.26it/s, bound:18 nc: 10 ncall:4.6e+04 eff:11.9% logz-
ratio=285.62+/-0.10 dlogz:3.324>0.1]

5464it [41:33,  4.79it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.62+/-0.10 dlogz:3.322>0.1]

5465it [41:33,  5.23it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.62+/-0.10 dlogz:3.320>0.1]

5466it [41:33,  5.87it/s, bound:18 nc:  4 ncall:4.6e+04 eff:11.9% logz-
ratio=285.62+/-0.10 dlogz:3.317>0.1]

5467it [41:34,  6.27it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.62+/-0.10 dlogz:3.315>0.1]

5468it [41:34,  6.71it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.63+/-0.10 dlogz:3.312>0.1]

5469it [41:34,  5.51it/s, bound:18 nc:  9 ncall:4.6e+04 eff:11.9% logz-
ratio=285.63+/-0.10 dlogz:3.310>0.1]

5470it [41:34,  6.01it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.63+/-0.10 dlogz:3.308>0.1]

5471it [41:34,  5.20it/s, bound:18 nc:  9 ncall:4.6e+04 eff:11.9% logz-
ratio=285.63+/-0.10 dlogz:3.305>0.1]

5472it [41:35,  4.59it/s, bound:18 nc:  8 ncall:4.6e+04 eff:11.9% logz-
ratio=285.63+/-0.10 dlogz:3.303>0.1]

5473it [41:35,  4.25it/s, bound:18 nc:  4 ncall:4.6e+04 eff:11.9% logz-
ratio=285.63+/-0.10 dlogz:3.300>0.1]

5474it [41:35,  4.13it/s, bound:18 nc:  4 ncall:4.6e+04 eff:11.9% logz-
ratio=285.63+/-0.10 dlogz:3.298>0.1]

5475it [41:35,  4.04it/s, bound:18 nc:  4 ncall:4.6e+04 eff:11.9% logz-
ratio=285.64+/-0.10 dlogz:3.296>0.1]

5476it [41:36,  3.65it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.64+/-0.10 dlogz:3.293>0.1]

5477it [41:36,  2.51it/s, bound:18 nc: 10 ncall:4.6e+04 eff:11.9% logz-
ratio=285.64+/-0.10 dlogz:3.291>0.1]
```

```
5478it [41:37,  2.65it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.64+/-0.10 dlogz:3.289>0.1]

5479it [41:37,  3.17it/s, bound:18 nc:  4 ncall:4.6e+04 eff:11.9% logz-
ratio=285.64+/-0.10 dlogz:3.286>0.1]

5480it [41:37,  3.67it/s, bound:18 nc:  7 ncall:4.6e+04 eff:11.9% logz-
ratio=285.64+/-0.10 dlogz:3.284>0.1]

5482it [41:37,  4.47it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.65+/-0.10 dlogz:3.279>0.1]

5483it [41:38,  4.35it/s, bound:18 nc:  8 ncall:4.6e+04 eff:11.9% logz-
ratio=285.65+/-0.10 dlogz:3.277>0.1]

5484it [41:38,  3.47it/s, bound:18 nc: 15 ncall:4.6e+04 eff:11.9% logz-
ratio=285.65+/-0.10 dlogz:3.274>0.1]

5485it [41:38,  3.65it/s, bound:18 nc:  8 ncall:4.6e+04 eff:11.9% logz-
ratio=285.65+/-0.10 dlogz:3.272>0.1]

5486it [41:38,  4.17it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.65+/-0.10 dlogz:3.270>0.1]

5487it [41:39,  3.61it/s, bound:18 nc: 10 ncall:4.6e+04 eff:11.9% logz-
ratio=285.65+/-0.10 dlogz:3.267>0.1]

5488it [41:39,  4.07it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.66+/-0.10 dlogz:3.265>0.1]

5489it [41:39,  3.58it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.66+/-0.10 dlogz:3.263>0.1]

5490it [41:40,  3.72it/s, bound:18 nc:  3 ncall:4.6e+04 eff:11.9% logz-
ratio=285.66+/-0.10 dlogz:3.260>0.1]

5491it [41:40,  3.34it/s, bound:18 nc:  5 ncall:4.6e+04 eff:11.9% logz-
ratio=285.66+/-0.10 dlogz:3.258>0.1]

5492it [41:40,  2.71it/s, bound:18 nc:  6 ncall:4.6e+04 eff:11.9% logz-
ratio=285.66+/-0.10 dlogz:3.256>0.1]

5493it [41:41,  2.81it/s, bound:18 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.66+/-0.10 dlogz:3.253>0.1]

5494it [41:42,  1.64it/s, bound:18 nc: 14 ncall:4.6e+04 eff:11.9% logz-
ratio=285.66+/-0.10 dlogz:3.251>0.1]
```

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5495it [41:42,  1.87it/s, bound:18 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.67+/-0.10 dlogz:3.249>0.1]

5496it [41:43,  2.12it/s, bound:18 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.67+/-0.10 dlogz:3.246>0.1]

5497it [41:43,  2.23it/s, bound:18 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.67+/-0.10 dlogz:3.244>0.1]

5498it [41:44,  2.29it/s, bound:18 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.67+/-0.10 dlogz:3.241>0.1]

5499it [41:44,  2.61it/s, bound:18 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.67+/-0.10 dlogz:3.239>0.1]

5500it [41:44,  3.23it/s, bound:18 nc:  2 ncall:4.6e+04 eff:12.0% logz-
ratio=285.67+/-0.10 dlogz:3.237>0.1]

5501it [41:44,  3.16it/s, bound:18 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.67+/-0.10 dlogz:3.234>0.1]

5502it [41:45,  2.27it/s, bound:18 nc: 10 ncall:4.6e+04 eff:12.0% logz-
ratio=285.68+/-0.10 dlogz:3.232>0.1]

5503it [41:45,  2.45it/s, bound:18 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.68+/-0.10 dlogz:3.230>0.1]

5504it [41:46,  2.50it/s, bound:18 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.68+/-0.10 dlogz:3.227>0.1]

5505it [41:46,  2.33it/s, bound:18 nc: 10 ncall:4.6e+04 eff:12.0% logz-
ratio=285.68+/-0.10 dlogz:3.225>0.1]

5506it [41:46,  2.95it/s, bound:18 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.68+/-0.10 dlogz:3.223>0.1]

5507it [41:46,  3.54it/s, bound:18 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.68+/-0.10 dlogz:3.220>0.1]

5508it [41:47,  4.31it/s, bound:18 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.68+/-0.10 dlogz:3.218>0.1]

5509it [41:47,  4.36it/s, bound:18 nc:  8 ncall:4.6e+04 eff:12.0% logz-
ratio=285.69+/-0.10 dlogz:3.216>0.1]

5511it [41:47,  5.16it/s, bound:18 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.69+/-0.10 dlogz:3.211>0.1]
```

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5513it [41:47,  6.19it/s, bound:18 nc:  3 ncall:4.6e+04 eff:12.0% logz-
ratio=285.69+/-0.10 dlogz:3.206>0.1]

5515it [41:47,  6.93it/s, bound:18 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.69+/-0.10 dlogz:3.202>0.1]

5516it [41:48,  7.30it/s, bound:18 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.70+/-0.10 dlogz:3.199>0.1]

5517it [41:48,  5.86it/s, bound:18 nc:  9 ncall:4.6e+04 eff:12.0% logz-
ratio=285.70+/-0.10 dlogz:3.197>0.1]

5518it [41:48,  3.38it/s, bound:18 nc: 15 ncall:4.6e+04 eff:12.0% logz-
ratio=285.70+/-0.10 dlogz:3.195>0.1]

5519it [41:49,  3.50it/s, bound:18 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.70+/-0.10 dlogz:3.192>0.1]

5520it [41:49,  3.56it/s, bound:18 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.70+/-0.10 dlogz:3.190>0.1]

5521it [41:49,  3.41it/s, bound:18 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.70+/-0.10 dlogz:3.188>0.1]

5522it [41:50,  3.27it/s, bound:18 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.70+/-0.10 dlogz:3.185>0.1]

5523it [41:50,  3.41it/s, bound:18 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.71+/-0.10 dlogz:3.183>0.1]

5524it [41:50,  3.51it/s, bound:18 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.71+/-0.10 dlogz:3.181>0.1]

5525it [41:50,  3.09it/s, bound:18 nc:  7 ncall:4.6e+04 eff:12.0% logz-
ratio=285.71+/-0.10 dlogz:3.179>0.1]

5527it [41:51,  4.07it/s, bound:18 nc:  2 ncall:4.6e+04 eff:12.0% logz-
ratio=285.71+/-0.10 dlogz:3.174>0.1]

5528it [41:51,  4.23it/s, bound:18 nc:  8 ncall:4.6e+04 eff:12.0% logz-
ratio=285.71+/-0.10 dlogz:3.172>0.1]

5529it [41:51,  4.85it/s, bound:18 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.71+/-0.10 dlogz:3.169>0.1]

5530it [41:51,  4.80it/s, bound:18 nc:  8 ncall:4.6e+04 eff:12.0% logz-
ratio=285.72+/-0.10 dlogz:3.167>0.1]
```

5531it [41:51, 5.34it/s, bound:18 nc: 5 ncall:4.6e+04 eff:12.0% logz-ratio=285.72+/-0.10 dlogz:3.165>0.1]

5532it [41:51, 5.37it/s, bound:18 nc: 6 ncall:4.6e+04 eff:12.0% logz-ratio=285.72+/-0.10 dlogz:3.162>0.1]

5533it [41:52, 6.09it/s, bound:18 nc: 4 ncall:4.6e+04 eff:12.0% logz-ratio=285.72+/-0.10 dlogz:3.160>0.1]

5534it [41:52, 6.84it/s, bound:18 nc: 4 ncall:4.6e+04 eff:12.0% logz-ratio=285.72+/-0.10 dlogz:3.158>0.1]

5535it [41:52, 7.33it/s, bound:18 nc: 4 ncall:4.6e+04 eff:12.0% logz-ratio=285.72+/-0.10 dlogz:3.156>0.1]

5536it [41:52, 5.32it/s, bound:18 nc: 10 ncall:4.6e+04 eff:12.0% logz-ratio=285.72+/-0.10 dlogz:3.153>0.1]

5537it [41:52, 6.06it/s, bound:18 nc: 4 ncall:4.6e+04 eff:12.0% logz-ratio=285.72+/-0.10 dlogz:3.151>0.1]

5538it [41:53, 2.88it/s, bound:18 nc: 14 ncall:4.6e+04 eff:12.0% logz-ratio=285.73+/-0.10 dlogz:3.149>0.1]

5539it [41:54, 2.38it/s, bound:18 nc: 8 ncall:4.6e+04 eff:12.0% logz-ratio=285.73+/-0.10 dlogz:3.146>0.1]

5540it [41:54, 2.57it/s, bound:18 nc: 5 ncall:4.6e+04 eff:12.0% logz-ratio=285.73+/-0.10 dlogz:3.144>0.1]

5541it [41:54, 2.65it/s, bound:19 nc: 5 ncall:4.6e+04 eff:12.0% logz-ratio=285.73+/-0.10 dlogz:3.142>0.1]

5542it [41:55, 2.91it/s, bound:19 nc: 4 ncall:4.6e+04 eff:12.0% logz-ratio=285.73+/-0.10 dlogz:3.139>0.1]

5543it [41:55, 2.98it/s, bound:19 nc: 5 ncall:4.6e+04 eff:12.0% logz-ratio=285.73+/-0.10 dlogz:3.137>0.1]

5544it [41:55, 3.73it/s, bound:19 nc: 5 ncall:4.6e+04 eff:12.0% logz-ratio=285.73+/-0.10 dlogz:3.135>0.1]

5545it [41:55, 3.67it/s, bound:19 nc: 9 ncall:4.6e+04 eff:12.0% logz-ratio=285.74+/-0.10 dlogz:3.133>0.1]

5546it [41:55, 4.49it/s, bound:19 nc: 4 ncall:4.6e+04 eff:12.0% logz-ratio=285.74+/-0.10 dlogz:3.130>0.1]

```
5547it [41:56,  4.50it/s, bound:19 nc:  9 ncall:4.6e+04 eff:12.0% logz-
ratio=285.74+/-0.10 dlogz:3.128>0.1]

5548it [41:56,  5.25it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.74+/-0.10 dlogz:3.126>0.1]

5549it [41:56,  5.92it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.74+/-0.10 dlogz:3.124>0.1]

5550it [41:56,  6.34it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.74+/-0.10 dlogz:3.121>0.1]

5551it [41:56,  7.11it/s, bound:19 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.74+/-0.10 dlogz:3.119>0.1]

5552it [41:56,  7.29it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.75+/-0.10 dlogz:3.117>0.1]

5553it [41:56,  7.65it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.75+/-0.10 dlogz:3.114>0.1]

5554it [41:56,  7.95it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.75+/-0.10 dlogz:3.112>0.1]

5556it [41:57,  8.27it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.75+/-0.10 dlogz:3.108>0.1]

5557it [41:57,  5.59it/s, bound:19 nc:  8 ncall:4.6e+04 eff:12.0% logz-
ratio=285.75+/-0.10 dlogz:3.105>0.1]

5558it [41:57,  4.67it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.75+/-0.10 dlogz:3.103>0.1]

5559it [41:58,  4.21it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.76+/-0.10 dlogz:3.101>0.1]

5560it [41:58,  3.95it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.76+/-0.10 dlogz:3.099>0.1]

5561it [41:58,  3.80it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.76+/-0.10 dlogz:3.096>0.1]

5562it [41:58,  3.68it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.76+/-0.10 dlogz:3.094>0.1]

5563it [41:59,  3.61it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.76+/-0.10 dlogz:3.092>0.1]
```

```
5564it [41:59,  2.75it/s, bound:19 nc:  9 ncall:4.6e+04 eff:12.0% logz-
ratio=285.76+/-0.10 dlogz:3.090>0.1]

5565it [41:59,  3.09it/s, bound:19 nc: 10 ncall:4.6e+04 eff:12.0% logz-
ratio=285.76+/-0.10 dlogz:3.087>0.1]

5566it [42:00,  3.86it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.76+/-0.10 dlogz:3.085>0.1]

5567it [42:00,  4.70it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.77+/-0.10 dlogz:3.083>0.1]

5568it [42:00,  5.41it/s, bound:19 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.77+/-0.10 dlogz:3.081>0.1]

5569it [42:00,  6.12it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.77+/-0.10 dlogz:3.078>0.1]

5570it [42:00,  5.66it/s, bound:19 nc:  8 ncall:4.6e+04 eff:12.0% logz-
ratio=285.77+/-0.10 dlogz:3.076>0.1]

5572it [42:00,  6.61it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.77+/-0.10 dlogz:3.072>0.1]

5573it [42:01,  5.83it/s, bound:19 nc:  9 ncall:4.6e+04 eff:12.0% logz-
ratio=285.77+/-0.10 dlogz:3.069>0.1]

5574it [42:01,  6.49it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.78+/-0.10 dlogz:3.067>0.1]

5575it [42:01,  7.02it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.78+/-0.10 dlogz:3.065>0.1]

5576it [42:01,  5.82it/s, bound:19 nc:  9 ncall:4.6e+04 eff:12.0% logz-
ratio=285.78+/-0.10 dlogz:3.063>0.1]

5577it [42:01,  6.56it/s, bound:19 nc:  4 ncall:4.6e+04 eff:12.0% logz-
ratio=285.78+/-0.10 dlogz:3.061>0.1]

5578it [42:01,  7.11it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.78+/-0.10 dlogz:3.058>0.1]

5579it [42:01,  7.27it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.78+/-0.10 dlogz:3.056>0.1]

5580it [42:02,  5.49it/s, bound:19 nc:  5 ncall:4.6e+04 eff:12.0% logz-
ratio=285.78+/-0.10 dlogz:3.054>0.1]
```

5581it [42:02, 3.30it/s, bound:19 nc: 9 ncall:4.6e+04 eff:12.0% logz-ratio=285.78+/-0.10 dlogz:3.052>0.1]

5582it [42:02, 3.75it/s, bound:19 nc: 3 ncall:4.6e+04 eff:12.0% logz-ratio=285.79+/-0.10 dlogz:3.049>0.1]

5583it [42:03, 3.89it/s, bound:19 nc: 4 ncall:4.6e+04 eff:12.0% logz-ratio=285.79+/-0.10 dlogz:3.047>0.1]

5584it [42:03, 3.76it/s, bound:19 nc: 5 ncall:4.6e+04 eff:12.0% logz-ratio=285.79+/-0.10 dlogz:3.045>0.1]

5585it [42:03, 4.17it/s, bound:19 nc: 3 ncall:4.6e+04 eff:12.0% logz-ratio=285.79+/-0.10 dlogz:3.043>0.1]

5586it [42:03, 3.81it/s, bound:19 nc: 5 ncall:4.6e+04 eff:12.0% logz-ratio=285.79+/-0.10 dlogz:3.040>0.1]

5587it [42:04, 3.94it/s, bound:19 nc: 4 ncall:4.6e+04 eff:12.0% logz-ratio=285.79+/-0.10 dlogz:3.038>0.1]

5588it [42:04, 4.67it/s, bound:19 nc: 5 ncall:4.6e+04 eff:12.0% logz-ratio=285.79+/-0.10 dlogz:3.036>0.1]

5589it [42:04, 4.14it/s, bound:19 nc: 13 ncall:4.7e+04 eff:12.0% logz-ratio=285.80+/-0.10 dlogz:3.034>0.1]

5590it [42:04, 4.46it/s, bound:19 nc: 5 ncall:4.7e+04 eff:12.0% logz-ratio=285.80+/-0.10 dlogz:3.031>0.1]

5591it [42:04, 4.94it/s, bound:19 nc: 5 ncall:4.7e+04 eff:12.0% logz-ratio=285.80+/-0.10 dlogz:3.029>0.1]

5592it [42:05, 5.38it/s, bound:19 nc: 4 ncall:4.7e+04 eff:12.0% logz-ratio=285.80+/-0.10 dlogz:3.027>0.1]

5593it [42:05, 5.90it/s, bound:19 nc: 5 ncall:4.7e+04 eff:12.0% logz-ratio=285.80+/-0.10 dlogz:3.025>0.1]

5594it [42:05, 5.54it/s, bound:19 nc: 8 ncall:4.7e+04 eff:12.0% logz-ratio=285.80+/-0.10 dlogz:3.023>0.1]

5595it [42:05, 4.98it/s, bound:19 nc: 10 ncall:4.7e+04 eff:12.0% logz-ratio=285.80+/-0.10 dlogz:3.020>0.1]

5596it [42:05, 5.77it/s, bound:19 nc: 4 ncall:4.7e+04 eff:12.0% logz-ratio=285.81+/-0.10 dlogz:3.018>0.1]

5598it [42:06, 5.81it/s, bound:19 nc: 10 ncall:4.7e+04 eff:12.0% logz-ratio=285.81+/-0.10 dlogz:3.014>0.1]

5599it [42:06, 4.17it/s, bound:19 nc: 10 ncall:4.7e+04 eff:12.0% logz-ratio=285.81+/-0.10 dlogz:3.011>0.1]

5600it [42:06, 4.07it/s, bound:19 nc: 4 ncall:4.7e+04 eff:12.0% logz-ratio=285.81+/-0.10 dlogz:3.009>0.1]

5601it [42:07, 3.84it/s, bound:19 nc: 5 ncall:4.7e+04 eff:12.0% logz-ratio=285.81+/-0.10 dlogz:3.007>0.1]

5602it [42:08, 1.86it/s, bound:19 nc: 16 ncall:4.7e+04 eff:12.0% logz-ratio=285.81+/-0.10 dlogz:3.005>0.1]

5603it [42:08, 2.15it/s, bound:19 nc: 5 ncall:4.7e+04 eff:12.0% logz-ratio=285.81+/-0.10 dlogz:3.003>0.1]

5604it [42:08, 2.73it/s, bound:19 nc: 4 ncall:4.7e+04 eff:12.0% logz-ratio=285.82+/-0.10 dlogz:3.000>0.1]

5605it [42:08, 3.47it/s, bound:19 nc: 5 ncall:4.7e+04 eff:12.0% logz-ratio=285.82+/-0.10 dlogz:2.998>0.1]

5606it [42:08, 3.94it/s, bound:19 nc: 6 ncall:4.7e+04 eff:12.0% logz-ratio=285.82+/-0.10 dlogz:2.996>0.1]

5607it [42:09, 4.79it/s, bound:19 nc: 4 ncall:4.7e+04 eff:12.0% logz-ratio=285.82+/-0.10 dlogz:2.994>0.1]

5608it [42:09, 4.64it/s, bound:19 nc: 9 ncall:4.7e+04 eff:12.0% logz-ratio=285.82+/-0.10 dlogz:2.992>0.1]

5609it [42:09, 4.29it/s, bound:19 nc: 10 ncall:4.7e+04 eff:12.0% logz-ratio=285.82+/-0.10 dlogz:2.989>0.1]

5610it [42:09, 4.92it/s, bound:19 nc: 5 ncall:4.7e+04 eff:12.0% logz-ratio=285.82+/-0.10 dlogz:2.987>0.1]

5611it [42:09, 5.52it/s, bound:19 nc: 5 ncall:4.7e+04 eff:12.0% logz-ratio=285.82+/-0.10 dlogz:2.985>0.1]

5612it [42:09, 6.05it/s, bound:19 nc: 5 ncall:4.7e+04 eff:12.0% logz-ratio=285.83+/-0.10 dlogz:2.983>0.1]

5614it [42:10, 5.75it/s, bound:19 nc: 10 ncall:4.7e+04 eff:12.0% logz-ratio=285.83+/-0.10 dlogz:2.978>0.1]

```
5615it [42:10,  5.98it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.83+/-0.10 dlogz:2.976>0.1]

5616it [42:10,  6.05it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.83+/-0.10 dlogz:2.974>0.1]

5617it [42:11,  3.15it/s, bound:19 nc:  8 ncall:4.7e+04 eff:12.0% logz-
ratio=285.83+/-0.10 dlogz:2.972>0.1]

5618it [42:11,  3.65it/s, bound:19 nc:  2 ncall:4.7e+04 eff:12.0% logz-
ratio=285.83+/-0.10 dlogz:2.970>0.1]

5619it [42:11,  3.18it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.84+/-0.10 dlogz:2.968>0.1]

5620it [42:12,  3.15it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.84+/-0.10 dlogz:2.965>0.1]

5621it [42:12,  3.08it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.84+/-0.10 dlogz:2.963>0.1]

5622it [42:12,  2.91it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.84+/-0.10 dlogz:2.961>0.1]

5623it [42:13,  2.84it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.84+/-0.10 dlogz:2.959>0.1]

5624it [42:14,  2.21it/s, bound:19 nc:  7 ncall:4.7e+04 eff:12.0% logz-
ratio=285.84+/-0.10 dlogz:2.957>0.1]

5625it [42:14,  2.42it/s, bound:19 nc:  4 ncall:4.7e+04 eff:12.0% logz-
ratio=285.84+/-0.10 dlogz:2.954>0.1]

5626it [42:14,  2.73it/s, bound:19 nc:  4 ncall:4.7e+04 eff:12.0% logz-
ratio=285.84+/-0.10 dlogz:2.952>0.1]

5627it [42:15,  2.59it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.85+/-0.10 dlogz:2.950>0.1]

5628it [42:15,  3.05it/s, bound:19 nc:  7 ncall:4.7e+04 eff:12.0% logz-
ratio=285.85+/-0.10 dlogz:2.948>0.1]

5629it [42:15,  3.64it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.85+/-0.10 dlogz:2.946>0.1]

5630it [42:15,  4.16it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.85+/-0.10 dlogz:2.944>0.1]
```

```
5631it [42:15,  4.65it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.85+/-0.10 dlogz:2.941>0.1]

5632it [42:15,  5.01it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.85+/-0.10 dlogz:2.939>0.1]

5633it [42:16,  5.07it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.85+/-0.10 dlogz:2.937>0.1]

5634it [42:16,  5.05it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.85+/-0.10 dlogz:2.935>0.1]

5635it [42:16,  4.78it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.86+/-0.10 dlogz:2.933>0.1]

5636it [42:16,  4.73it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.86+/-0.10 dlogz:2.931>0.1]

5637it [42:16,  4.63it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.0% logz-
ratio=285.86+/-0.10 dlogz:2.929>0.1]

5638it [42:17,  5.15it/s, bound:19 nc:  3 ncall:4.7e+04 eff:12.1% logz-
ratio=285.86+/-0.10 dlogz:2.926>0.1]

5639it [42:17,  3.85it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.86+/-0.10 dlogz:2.924>0.1]

5640it [42:18,  2.21it/s, bound:19 nc: 10 ncall:4.7e+04 eff:12.1% logz-
ratio=285.86+/-0.10 dlogz:2.922>0.1]

5641it [42:18,  2.20it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.86+/-0.10 dlogz:2.920>0.1]

5642it [42:19,  2.36it/s, bound:19 nc:  4 ncall:4.7e+04 eff:12.1% logz-
ratio=285.86+/-0.10 dlogz:2.918>0.1]

5643it [42:19,  2.47it/s, bound:19 nc:  4 ncall:4.7e+04 eff:12.1% logz-
ratio=285.87+/-0.10 dlogz:2.916>0.1]

5644it [42:19,  2.42it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.87+/-0.10 dlogz:2.913>0.1]

5645it [42:20,  1.86it/s, bound:19 nc: 10 ncall:4.7e+04 eff:12.1% logz-
ratio=285.87+/-0.10 dlogz:2.911>0.1]

5646it [42:21,  1.97it/s, bound:19 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.87+/-0.10 dlogz:2.909>0.1]
```

5647it [42:21, 2.04it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.87+/-0.10 dlogz:2.907>0.1]

5648it [42:22, 2.10it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.87+/-0.10 dlogz:2.905>0.1]

5649it [42:22, 2.16it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.87+/-0.10 dlogz:2.903>0.1]

5650it [42:22, 2.43it/s, bound:20 nc: 3 ncall:4.7e+04 eff:12.1% logz-ratio=285.88+/-0.10 dlogz:2.901>0.1]

5651it [42:23, 2.51it/s, bound:20 nc: 4 ncall:4.7e+04 eff:12.1% logz-ratio=285.88+/-0.10 dlogz:2.898>0.1]

5652it [42:23, 2.60it/s, bound:20 nc: 4 ncall:4.7e+04 eff:12.1% logz-ratio=285.88+/-0.10 dlogz:2.896>0.1]

5653it [42:24, 2.17it/s, bound:20 nc: 7 ncall:4.7e+04 eff:12.1% logz-ratio=285.88+/-0.10 dlogz:2.894>0.1]

5654it [42:24, 2.30it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.88+/-0.10 dlogz:2.892>0.1]

5655it [42:24, 2.41it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.88+/-0.10 dlogz:2.890>0.1]

5656it [42:25, 2.38it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.88+/-0.10 dlogz:2.888>0.1]

5657it [42:25, 2.70it/s, bound:20 nc: 3 ncall:4.7e+04 eff:12.1% logz-ratio=285.88+/-0.10 dlogz:2.886>0.1]

5658it [42:25, 2.91it/s, bound:20 nc: 4 ncall:4.7e+04 eff:12.1% logz-ratio=285.89+/-0.10 dlogz:2.883>0.1]

5659it [42:26, 2.96it/s, bound:20 nc: 4 ncall:4.7e+04 eff:12.1% logz-ratio=285.89+/-0.10 dlogz:2.881>0.1]

5660it [42:26, 2.75it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.89+/-0.10 dlogz:2.879>0.1]

5661it [42:27, 2.08it/s, bound:20 nc: 9 ncall:4.7e+04 eff:12.1% logz-ratio=285.89+/-0.10 dlogz:2.877>0.1]

5662it [42:27, 2.30it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.89+/-0.10 dlogz:2.875>0.1]

```
5663it [42:28,  2.63it/s, bound:20 nc:  4 ncall:4.7e+04 eff:12.1% logz-
ratio=285.89+/-0.10 dlogz:2.873>0.1]

5664it [42:28,  3.33it/s, bound:20 nc:  4 ncall:4.7e+04 eff:12.1% logz-
ratio=285.89+/-0.10 dlogz:2.871>0.1]

5666it [42:28,  3.61it/s, bound:20 nc: 14 ncall:4.7e+04 eff:12.1% logz-
ratio=285.90+/-0.10 dlogz:2.866>0.1]

5668it [42:28,  4.52it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.90+/-0.10 dlogz:2.862>0.1]

5669it [42:28,  5.22it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.90+/-0.10 dlogz:2.860>0.1]

5670it [42:29,  4.77it/s, bound:20 nc:  9 ncall:4.7e+04 eff:12.1% logz-
ratio=285.90+/-0.10 dlogz:2.858>0.1]

5671it [42:29,  4.68it/s, bound:20 nc:  8 ncall:4.7e+04 eff:12.1% logz-
ratio=285.90+/-0.10 dlogz:2.856>0.1]

5672it [42:29,  5.42it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.90+/-0.10 dlogz:2.854>0.1]

5673it [42:29,  5.96it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.90+/-0.10 dlogz:2.851>0.1]

5675it [42:30,  4.55it/s, bound:20 nc: 15 ncall:4.7e+04 eff:12.1% logz-
ratio=285.91+/-0.10 dlogz:2.847>0.1]

5676it [42:30,  3.94it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.91+/-0.10 dlogz:2.845>0.1]

5677it [42:31,  2.28it/s, bound:20 nc: 10 ncall:4.7e+04 eff:12.1% logz-
ratio=285.91+/-0.10 dlogz:2.843>0.1]

5678it [42:32,  1.73it/s, bound:20 nc: 10 ncall:4.7e+04 eff:12.1% logz-
ratio=285.91+/-0.10 dlogz:2.841>0.1]

5679it [42:32,  2.15it/s, bound:20 nc:  2 ncall:4.7e+04 eff:12.1% logz-
ratio=285.91+/-0.10 dlogz:2.839>0.1]

5680it [42:32,  2.24it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.91+/-0.10 dlogz:2.837>0.1]

5681it [42:33,  2.37it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.91+/-0.10 dlogz:2.835>0.1]
```

5682it [42:33, 2.50it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.92+/-0.10 dlogz:2.832>0.1]

5683it [42:34, 2.64it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.92+/-0.10 dlogz:2.830>0.1]

5684it [42:34, 2.71it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.92+/-0.10 dlogz:2.828>0.1]

5685it [42:34, 2.99it/s, bound:20 nc: 4 ncall:4.7e+04 eff:12.1% logz-ratio=285.92+/-0.10 dlogz:2.826>0.1]

5686it [42:34, 3.77it/s, bound:20 nc: 4 ncall:4.7e+04 eff:12.1% logz-ratio=285.92+/-0.10 dlogz:2.824>0.1]

5687it [42:34, 4.31it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.92+/-0.10 dlogz:2.822>0.1]

5689it [42:35, 4.67it/s, bound:20 nc: 8 ncall:4.7e+04 eff:12.1% logz-ratio=285.92+/-0.10 dlogz:2.818>0.1]

5690it [42:35, 5.26it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.93+/-0.10 dlogz:2.816>0.1]

5691it [42:35, 5.99it/s, bound:20 nc: 4 ncall:4.7e+04 eff:12.1% logz-ratio=285.93+/-0.10 dlogz:2.814>0.1]

5693it [42:35, 7.13it/s, bound:20 nc: 2 ncall:4.7e+04 eff:12.1% logz-ratio=285.93+/-0.10 dlogz:2.809>0.1]

5694it [42:35, 7.13it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.93+/-0.10 dlogz:2.807>0.1]

5695it [42:36, 5.83it/s, bound:20 nc: 9 ncall:4.7e+04 eff:12.1% logz-ratio=285.93+/-0.10 dlogz:2.805>0.1]

5697it [42:36, 5.95it/s, bound:20 nc: 9 ncall:4.7e+04 eff:12.1% logz-ratio=285.93+/-0.10 dlogz:2.801>0.1]

5698it [42:36, 5.49it/s, bound:20 nc: 8 ncall:4.7e+04 eff:12.1% logz-ratio=285.93+/-0.10 dlogz:2.799>0.1]

5699it [42:36, 5.40it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.94+/-0.10 dlogz:2.797>0.1]

5700it [42:37, 2.93it/s, bound:20 nc: 9 ncall:4.7e+04 eff:12.1% logz-ratio=285.94+/-0.10 dlogz:2.795>0.1]

```
5701it [42:37,  2.78it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.94+/-0.10 dlogz:2.793>0.1]

5702it [42:38,  3.08it/s, bound:20 nc:  4 ncall:4.7e+04 eff:12.1% logz-
ratio=285.94+/-0.10 dlogz:2.791>0.1]

5703it [42:38,  3.13it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.94+/-0.10 dlogz:2.789>0.1]

5704it [42:39,  2.08it/s, bound:20 nc: 19 ncall:4.7e+04 eff:12.1% logz-
ratio=285.94+/-0.10 dlogz:2.787>0.1]

5705it [42:39,  2.42it/s, bound:20 nc: 10 ncall:4.7e+04 eff:12.1% logz-
ratio=285.94+/-0.10 dlogz:2.784>0.1]

5706it [42:39,  3.08it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.94+/-0.10 dlogz:2.782>0.1]

5708it [42:39,  3.87it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.95+/-0.10 dlogz:2.778>0.1]

5709it [42:40,  4.30it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.95+/-0.10 dlogz:2.776>0.1]

5710it [42:40,  4.66it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.95+/-0.10 dlogz:2.774>0.1]

5711it [42:40,  5.01it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.95+/-0.10 dlogz:2.772>0.1]

5713it [42:40,  5.31it/s, bound:20 nc:  9 ncall:4.7e+04 eff:12.1% logz-
ratio=285.95+/-0.10 dlogz:2.768>0.1]

5715it [42:40,  6.34it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.96+/-0.10 dlogz:2.764>0.1]

5716it [42:41,  5.54it/s, bound:20 nc:  8 ncall:4.7e+04 eff:12.1% logz-
ratio=285.96+/-0.10 dlogz:2.762>0.1]

5717it [42:41,  3.12it/s, bound:20 nc: 10 ncall:4.7e+04 eff:12.1% logz-
ratio=285.96+/-0.10 dlogz:2.760>0.1]

5718it [42:42,  3.20it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.96+/-0.10 dlogz:2.758>0.1]

5719it [42:43,  1.63it/s, bound:20 nc: 20 ncall:4.7e+04 eff:12.1% logz-
ratio=285.96+/-0.10 dlogz:2.756>0.1]
```

```
5720it [42:43,  2.16it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.96+/-0.10 dlogz:2.754>0.1]

5722it [42:43,  2.87it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.96+/-0.10 dlogz:2.750>0.1]

5723it [42:43,  3.63it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.96+/-0.10 dlogz:2.747>0.1]

5725it [42:44,  4.22it/s, bound:20 nc:  9 ncall:4.7e+04 eff:12.1% logz-
ratio=285.97+/-0.10 dlogz:2.743>0.1]

5727it [42:44,  4.96it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.97+/-0.10 dlogz:2.739>0.1]

5728it [42:44,  5.77it/s, bound:20 nc:  4 ncall:4.7e+04 eff:12.1% logz-
ratio=285.97+/-0.10 dlogz:2.737>0.1]

5729it [42:44,  5.87it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.97+/-0.10 dlogz:2.735>0.1]

5731it [42:44,  6.64it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.97+/-0.10 dlogz:2.731>0.1]

5732it [42:44,  5.49it/s, bound:20 nc: 10 ncall:4.7e+04 eff:12.1% logz-
ratio=285.98+/-0.10 dlogz:2.729>0.1]

5733it [42:45,  6.35it/s, bound:20 nc:  4 ncall:4.7e+04 eff:12.1% logz-
ratio=285.98+/-0.10 dlogz:2.727>0.1]

5734it [42:45,  6.41it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.98+/-0.10 dlogz:2.725>0.1]

5735it [42:45,  5.10it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.98+/-0.10 dlogz:2.723>0.1]

5736it [42:45,  4.82it/s, bound:20 nc:  4 ncall:4.7e+04 eff:12.1% logz-
ratio=285.98+/-0.10 dlogz:2.721>0.1]

5737it [42:46,  4.31it/s, bound:20 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=285.98+/-0.10 dlogz:2.719>0.1]

5738it [42:46,  4.31it/s, bound:20 nc:  4 ncall:4.7e+04 eff:12.1% logz-
ratio=285.98+/-0.10 dlogz:2.717>0.1]

5739it [42:47,  2.34it/s, bound:20 nc: 14 ncall:4.7e+04 eff:12.1% logz-
ratio=285.98+/-0.10 dlogz:2.715>0.1]
```

5740it [42:47, 2.70it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.98+/-0.10 dlogz:2.713>0.1]

5741it [42:47, 3.09it/s, bound:20 nc: 10 ncall:4.7e+04 eff:12.1% logz-ratio=285.99+/-0.10 dlogz:2.711>0.1]

5742it [42:47, 3.40it/s, bound:20 nc: 10 ncall:4.7e+04 eff:12.1% logz-ratio=285.99+/-0.10 dlogz:2.709>0.1]

5743it [42:47, 4.20it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.99+/-0.10 dlogz:2.707>0.1]

5745it [42:48, 5.37it/s, bound:20 nc: 2 ncall:4.7e+04 eff:12.1% logz-ratio=285.99+/-0.10 dlogz:2.703>0.1]

5746it [42:48, 6.07it/s, bound:20 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=285.99+/-0.10 dlogz:2.701>0.1]

5747it [42:48, 5.33it/s, bound:20 nc: 9 ncall:4.7e+04 eff:12.1% logz-ratio=285.99+/-0.10 dlogz:2.699>0.1]

5748it [42:48, 5.45it/s, bound:20 nc: 7 ncall:4.7e+04 eff:12.1% logz-ratio=285.99+/-0.10 dlogz:2.697>0.1]

5749it [42:48, 6.21it/s, bound:20 nc: 4 ncall:4.7e+04 eff:12.1% logz-ratio=286.00+/-0.10 dlogz:2.695>0.1]

5750it [42:48, 5.36it/s, bound:21 nc: 10 ncall:4.7e+04 eff:12.1% logz-ratio=286.00+/-0.10 dlogz:2.693>0.1]

5751it [42:49, 5.87it/s, bound:21 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=286.00+/-0.10 dlogz:2.691>0.1]

5752it [42:49, 6.53it/s, bound:21 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=286.00+/-0.10 dlogz:2.689>0.1]

5753it [42:49, 5.84it/s, bound:21 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=286.00+/-0.10 dlogz:2.687>0.1]

5754it [42:50, 2.59it/s, bound:21 nc: 14 ncall:4.7e+04 eff:12.1% logz-ratio=286.00+/-0.10 dlogz:2.685>0.1]

5755it [42:50, 2.80it/s, bound:21 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=286.00+/-0.10 dlogz:2.683>0.1]

5756it [42:50, 2.98it/s, bound:21 nc: 5 ncall:4.7e+04 eff:12.1% logz-ratio=286.00+/-0.10 dlogz:2.681>0.1]

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5757it [42:51,  3.10it/s, bound:21 nc:  5 ncall:4.7e+04 eff:12.1% logz-
ratio=286.00+/-0.10 dlogz:2.679>0.1]


5758it [42:51,  3.08it/s, bound:21 nc:  8 ncall:4.8e+04 eff:12.1% logz-
ratio=286.01+/-0.10 dlogz:2.677>0.1]


5759it [42:51,  3.85it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.01+/-0.10 dlogz:2.675>0.1]


5760it [42:51,  4.69it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.01+/-0.10 dlogz:2.673>0.1]


5761it [42:52,  4.22it/s, bound:21 nc: 10 ncall:4.8e+04 eff:12.1% logz-
ratio=286.01+/-0.10 dlogz:2.671>0.1]


5762it [42:52,  5.03it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.01+/-0.10 dlogz:2.669>0.1]


5763it [42:52,  5.64it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.01+/-0.10 dlogz:2.667>0.1]


5764it [42:52,  5.90it/s, bound:21 nc:  6 ncall:4.8e+04 eff:12.1% logz-
ratio=286.01+/-0.10 dlogz:2.665>0.1]


5765it [42:52,  5.59it/s, bound:21 nc:  8 ncall:4.8e+04 eff:12.1% logz-
ratio=286.01+/-0.10 dlogz:2.663>0.1]


5766it [42:52,  6.05it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.01+/-0.10 dlogz:2.661>0.1]


5767it [42:52,  6.47it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.02+/-0.10 dlogz:2.659>0.1]


5768it [42:53,  6.45it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.02+/-0.10 dlogz:2.657>0.1]


5769it [42:53,  6.74it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.02+/-0.10 dlogz:2.655>0.1]


5770it [42:53,  5.46it/s, bound:21 nc:  7 ncall:4.8e+04 eff:12.1% logz-
ratio=286.02+/-0.10 dlogz:2.653>0.1]


5771it [42:53,  3.57it/s, bound:21 nc:  8 ncall:4.8e+04 eff:12.1% logz-
ratio=286.02+/-0.10 dlogz:2.651>0.1]


5772it [42:54,  2.09it/s, bound:21 nc: 15 ncall:4.8e+04 eff:12.1% logz-
ratio=286.02+/-0.10 dlogz:2.649>0.1]
```

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5773it [42:55,  2.58it/s, bound:21 nc:  3 ncall:4.8e+04 eff:12.1% logz-
ratio=286.02+/-0.10 dlogz:2.647>0.1]

5774it [42:55,  2.79it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.02+/-0.10 dlogz:2.645>0.1]

5775it [42:55,  2.95it/s, bound:21 nc: 10 ncall:4.8e+04 eff:12.1% logz-
ratio=286.03+/-0.10 dlogz:2.643>0.1]

5776it [42:55,  3.72it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.03+/-0.10 dlogz:2.641>0.1]

5777it [42:55,  3.89it/s, bound:21 nc: 10 ncall:4.8e+04 eff:12.1% logz-
ratio=286.03+/-0.10 dlogz:2.639>0.1]

5778it [42:56,  4.67it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.03+/-0.10 dlogz:2.637>0.1]

5779it [42:56,  5.50it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.03+/-0.10 dlogz:2.635>0.1]

5780it [42:56,  6.30it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.03+/-0.10 dlogz:2.633>0.1]

5781it [42:56,  5.52it/s, bound:21 nc:  9 ncall:4.8e+04 eff:12.1% logz-
ratio=286.03+/-0.10 dlogz:2.631>0.1]

5782it [42:56,  5.02it/s, bound:21 nc: 10 ncall:4.8e+04 eff:12.1% logz-
ratio=286.03+/-0.10 dlogz:2.629>0.1]

5783it [42:56,  5.73it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.03+/-0.10 dlogz:2.627>0.1]

5784it [42:57,  6.41it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.04+/-0.10 dlogz:2.625>0.1]

5785it [42:57,  6.96it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.04+/-0.10 dlogz:2.623>0.1]

5786it [42:57,  7.10it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.04+/-0.10 dlogz:2.621>0.1]

5788it [42:57,  7.26it/s, bound:21 nc:  7 ncall:4.8e+04 eff:12.1% logz-
ratio=286.04+/-0.10 dlogz:2.617>0.1]

5789it [42:57,  6.59it/s, bound:21 nc:  7 ncall:4.8e+04 eff:12.1% logz-
ratio=286.04+/-0.10 dlogz:2.615>0.1]
```

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5790it [42:57,  7.07it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.04+/-0.10 dlogz:2.613>0.1]

5791it [42:57,  7.19it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.04+/-0.10 dlogz:2.611>0.1]

5792it [42:58,  7.56it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.04+/-0.10 dlogz:2.609>0.1]

5794it [42:58,  8.50it/s, bound:21 nc:  4 ncall:4.8e+04 eff:12.1% logz-
ratio=286.05+/-0.10 dlogz:2.605>0.1]

5796it [42:58,  7.15it/s, bound:21 nc: 12 ncall:4.8e+04 eff:12.1% logz-
ratio=286.05+/-0.10 dlogz:2.601>0.1]

5798it [42:58,  7.97it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.05+/-0.10 dlogz:2.597>0.1]

5799it [42:58,  7.99it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.05+/-0.10 dlogz:2.595>0.1]

5800it [42:59,  6.58it/s, bound:21 nc:  8 ncall:4.8e+04 eff:12.1% logz-
ratio=286.05+/-0.10 dlogz:2.593>0.1]

5801it [42:59,  7.00it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.06+/-0.10 dlogz:2.591>0.1]

5802it [42:59,  5.49it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.06+/-0.10 dlogz:2.589>0.1]

5803it [43:00,  3.22it/s, bound:21 nc: 10 ncall:4.8e+04 eff:12.1% logz-
ratio=286.06+/-0.10 dlogz:2.587>0.1]

5804it [43:00,  3.29it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.06+/-0.10 dlogz:2.585>0.1]

5805it [43:00,  2.74it/s, bound:21 nc:  8 ncall:4.8e+04 eff:12.1% logz-
ratio=286.06+/-0.10 dlogz:2.583>0.1]

5806it [43:01,  3.24it/s, bound:21 nc:  3 ncall:4.8e+04 eff:12.1% logz-
ratio=286.06+/-0.10 dlogz:2.581>0.1]

5807it [43:01,  3.30it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.06+/-0.10 dlogz:2.579>0.1]

5808it [43:01,  3.77it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.1% logz-
ratio=286.06+/-0.10 dlogz:2.577>0.1]
```

```
5809it [43:01,  4.62it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.06+/-0.10 dlogz:2.575>0.1]

5810it [43:01,  4.56it/s, bound:21 nc: 10 ncall:4.8e+04 eff:12.1% logz-
ratio=286.07+/-0.10 dlogz:2.573>0.1]

5811it [43:02,  5.22it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.07+/-0.10 dlogz:2.571>0.1]

5812it [43:02,  5.92it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.07+/-0.10 dlogz:2.569>0.1]

5814it [43:02,  6.25it/s, bound:21 nc:  9 ncall:4.8e+04 eff:12.2% logz-
ratio=286.07+/-0.10 dlogz:2.565>0.1]

5815it [43:02,  4.83it/s, bound:21 nc: 12 ncall:4.8e+04 eff:12.2% logz-
ratio=286.07+/-0.10 dlogz:2.563>0.1]

5816it [43:02,  5.57it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.07+/-0.10 dlogz:2.561>0.1]

5817it [43:02,  6.15it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.07+/-0.10 dlogz:2.559>0.1]

5818it [43:03,  6.83it/s, bound:21 nc:  4 ncall:4.8e+04 eff:12.2% logz-
ratio=286.07+/-0.10 dlogz:2.558>0.1]

5819it [43:03,  7.32it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.08+/-0.10 dlogz:2.556>0.1]

5820it [43:03,  7.32it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.08+/-0.10 dlogz:2.554>0.1]

5821it [43:03,  6.57it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.08+/-0.10 dlogz:2.552>0.1]

5822it [43:03,  5.19it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.08+/-0.10 dlogz:2.550>0.1]

5823it [43:04,  4.49it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.08+/-0.10 dlogz:2.548>0.1]

5824it [43:04,  3.84it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.08+/-0.10 dlogz:2.546>0.1]

5825it [43:04,  3.68it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.08+/-0.10 dlogz:2.544>0.1]
```

```
5826it [43:05,  3.60it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.08+/-0.10 dlogz:2.542>0.1]

5827it [43:05,  2.71it/s, bound:21 nc:  9 ncall:4.8e+04 eff:12.2% logz-
ratio=286.08+/-0.10 dlogz:2.540>0.1]

5829it [43:05,  3.53it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.09+/-0.10 dlogz:2.536>0.1]

5830it [43:05,  4.34it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.09+/-0.10 dlogz:2.534>0.1]

5831it [43:06,  4.73it/s, bound:21 nc:  7 ncall:4.8e+04 eff:12.2% logz-
ratio=286.09+/-0.10 dlogz:2.532>0.1]

5832it [43:06,  5.51it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.09+/-0.10 dlogz:2.530>0.1]

5833it [43:06,  6.21it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.09+/-0.10 dlogz:2.528>0.1]

5834it [43:06,  6.79it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.09+/-0.10 dlogz:2.527>0.1]

5835it [43:06,  7.39it/s, bound:21 nc:  4 ncall:4.8e+04 eff:12.2% logz-
ratio=286.09+/-0.10 dlogz:2.525>0.1]

5836it [43:06,  7.81it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.09+/-0.10 dlogz:2.523>0.1]

5837it [43:06,  7.82it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.10+/-0.10 dlogz:2.521>0.1]

5839it [43:06,  8.32it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.10+/-0.10 dlogz:2.517>0.1]

5840it [43:07,  8.61it/s, bound:21 nc:  4 ncall:4.8e+04 eff:12.2% logz-
ratio=286.10+/-0.10 dlogz:2.515>0.1]

5841it [43:07,  8.72it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.10+/-0.10 dlogz:2.513>0.1]

5842it [43:07,  8.69it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.10+/-0.10 dlogz:2.511>0.1]

5844it [43:07,  7.24it/s, bound:21 nc:  8 ncall:4.8e+04 eff:12.2% logz-
ratio=286.10+/-0.10 dlogz:2.507>0.1]
```

```
5845it [43:07,  5.50it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.10+/-0.10 dlogz:2.505>0.1]

5846it [43:08,  5.09it/s, bound:21 nc:  4 ncall:4.8e+04 eff:12.2% logz-
ratio=286.10+/-0.10 dlogz:2.503>0.1]

5847it [43:08,  4.48it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.11+/-0.10 dlogz:2.502>0.1]

5848it [43:09,  3.08it/s, bound:21 nc:  8 ncall:4.8e+04 eff:12.2% logz-
ratio=286.11+/-0.10 dlogz:2.500>0.1]

5849it [43:09,  3.20it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.11+/-0.10 dlogz:2.498>0.1]

5850it [43:09,  3.29it/s, bound:21 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.11+/-0.10 dlogz:2.496>0.1]

5851it [43:09,  3.73it/s, bound:21 nc:  6 ncall:4.8e+04 eff:12.2% logz-
ratio=286.11+/-0.10 dlogz:2.494>0.1]

5853it [43:09,  4.70it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.11+/-0.10 dlogz:2.490>0.1]

5854it [43:10,  5.51it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.11+/-0.10 dlogz:2.488>0.1]

5855it [43:10,  6.29it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.11+/-0.10 dlogz:2.486>0.1]

5857it [43:10,  7.18it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.12+/-0.10 dlogz:2.483>0.1]

5858it [43:10,  7.71it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.12+/-0.10 dlogz:2.481>0.1]

5860it [43:10,  7.29it/s, bound:22 nc: 10 ncall:4.8e+04 eff:12.2% logz-
ratio=286.12+/-0.10 dlogz:2.477>0.1]

5861it [43:10,  7.51it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.12+/-0.10 dlogz:2.475>0.1]

5862it [43:11,  7.90it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.12+/-0.10 dlogz:2.473>0.1]

5864it [43:11,  8.97it/s, bound:22 nc:  3 ncall:4.8e+04 eff:12.2% logz-
ratio=286.12+/-0.10 dlogz:2.469>0.1]
```

5865it [43:11, 8.33it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.13+/-0.10 dlogz:2.467>0.1]

5866it [43:11, 8.61it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.13+/-0.10 dlogz:2.465>0.1]

5868it [43:11, 8.36it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.13+/-0.10 dlogz:2.462>0.1]

5869it [43:11, 6.36it/s, bound:22 nc: 4 ncall:4.8e+04 eff:12.2% logz-ratio=286.13+/-0.10 dlogz:2.460>0.1]

5870it [43:12, 3.40it/s, bound:22 nc: 10 ncall:4.8e+04 eff:12.2% logz-ratio=286.13+/-0.10 dlogz:2.458>0.1]

5871it [43:12, 3.34it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.13+/-0.10 dlogz:2.456>0.1]

5872it [43:13, 3.36it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.13+/-0.10 dlogz:2.454>0.1]

5873it [43:13, 2.37it/s, bound:22 nc: 15 ncall:4.8e+04 eff:12.2% logz-ratio=286.13+/-0.10 dlogz:2.452>0.1]

5874it [43:13, 3.05it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.13+/-0.10 dlogz:2.450>0.1]

5875it [43:14, 3.82it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.14+/-0.10 dlogz:2.449>0.1]

5877it [43:14, 4.41it/s, bound:22 nc: 10 ncall:4.8e+04 eff:12.2% logz-ratio=286.14+/-0.10 dlogz:2.445>0.1]

5878it [43:14, 4.28it/s, bound:22 nc: 10 ncall:4.8e+04 eff:12.2% logz-ratio=286.14+/-0.10 dlogz:2.443>0.1]

5879it [43:14, 5.09it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.14+/-0.10 dlogz:2.441>0.1]

5880it [43:14, 5.87it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.14+/-0.10 dlogz:2.439>0.1]

5881it [43:14, 6.50it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.14+/-0.10 dlogz:2.437>0.1]

5882it [43:15, 6.67it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.14+/-0.10 dlogz:2.435>0.1]

```
5884it [43:15,  7.69it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.15+/-0.10 dlogz:2.432>0.1]

5885it [43:15,  8.00it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.15+/-0.10 dlogz:2.430>0.1]

5886it [43:15,  7.98it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.15+/-0.10 dlogz:2.428>0.1]

5887it [43:15,  8.28it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.15+/-0.10 dlogz:2.426>0.1]

5888it [43:16,  4.01it/s, bound:22 nc: 10 ncall:4.8e+04 eff:12.2% logz-
ratio=286.15+/-0.10 dlogz:2.424>0.1]

5889it [43:16,  3.83it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.15+/-0.10 dlogz:2.422>0.1]

5890it [43:16,  3.95it/s, bound:22 nc:  4 ncall:4.8e+04 eff:12.2% logz-
ratio=286.15+/-0.10 dlogz:2.421>0.1]

5891it [43:16,  4.06it/s, bound:22 nc:  4 ncall:4.8e+04 eff:12.2% logz-
ratio=286.15+/-0.10 dlogz:2.419>0.1]

5892it [43:17,  3.88it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.15+/-0.10 dlogz:2.417>0.1]

5893it [43:17,  3.75it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.15+/-0.10 dlogz:2.415>0.1]

5894it [43:17,  3.67it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.16+/-0.10 dlogz:2.413>0.1]

5895it [43:17,  4.42it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.16+/-0.10 dlogz:2.411>0.1]

5897it [43:18,  5.47it/s, bound:22 nc:  4 ncall:4.8e+04 eff:12.2% logz-
ratio=286.16+/-0.10 dlogz:2.408>0.1]

5898it [43:18,  5.17it/s, bound:22 nc: 10 ncall:4.8e+04 eff:12.2% logz-
ratio=286.16+/-0.10 dlogz:2.406>0.1]

5899it [43:18,  5.98it/s, bound:22 nc:  4 ncall:4.8e+04 eff:12.2% logz-
ratio=286.16+/-0.10 dlogz:2.404>0.1]

5900it [43:18,  5.42it/s, bound:22 nc: 10 ncall:4.8e+04 eff:12.2% logz-
ratio=286.16+/-0.10 dlogz:2.402>0.1]
```

5901it [43:18, 5.98it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.16+/-0.10 dlogz:2.400>0.1]

5903it [43:18, 6.59it/s, bound:22 nc: 8 ncall:4.8e+04 eff:12.2% logz-ratio=286.16+/-0.10 dlogz:2.397>0.1]

5905it [43:19, 7.54it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.17+/-0.10 dlogz:2.393>0.1]

5906it [43:19, 7.81it/s, bound:22 nc: 4 ncall:4.8e+04 eff:12.2% logz-ratio=286.17+/-0.10 dlogz:2.391>0.1]

5908it [43:19, 8.39it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.17+/-0.10 dlogz:2.387>0.1]

5909it [43:19, 6.39it/s, bound:22 nc: 10 ncall:4.8e+04 eff:12.2% logz-ratio=286.17+/-0.10 dlogz:2.386>0.1]

5910it [43:19, 5.55it/s, bound:22 nc: 4 ncall:4.8e+04 eff:12.2% logz-ratio=286.17+/-0.10 dlogz:2.384>0.1]

5911it [43:20, 4.72it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.17+/-0.10 dlogz:2.382>0.1]

5912it [43:20, 4.95it/s, bound:22 nc: 3 ncall:4.8e+04 eff:12.2% logz-ratio=286.17+/-0.10 dlogz:2.380>0.1]

5913it [43:21, 2.36it/s, bound:22 nc: 15 ncall:4.8e+04 eff:12.2% logz-ratio=286.17+/-0.10 dlogz:2.378>0.1]

5914it [43:21, 2.73it/s, bound:22 nc: 4 ncall:4.8e+04 eff:12.2% logz-ratio=286.18+/-0.10 dlogz:2.376>0.1]

5915it [43:21, 2.96it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.18+/-0.10 dlogz:2.375>0.1]

5917it [43:22, 3.59it/s, bound:22 nc: 10 ncall:4.8e+04 eff:12.2% logz-ratio=286.18+/-0.10 dlogz:2.371>0.1]

5918it [43:22, 4.43it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.18+/-0.10 dlogz:2.369>0.1]

5919it [43:22, 5.26it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.18+/-0.10 dlogz:2.367>0.1]

5920it [43:22, 6.09it/s, bound:22 nc: 5 ncall:4.8e+04 eff:12.2% logz-ratio=286.18+/-0.10 dlogz:2.366>0.1]

```
5921it [43:22,  6.86it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.18+/-0.10 dlogz:2.364>0.1]

5922it [43:22,  7.18it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.18+/-0.10 dlogz:2.362>0.1]

5923it [43:22,  7.52it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.18+/-0.10 dlogz:2.360>0.1]

5924it [43:22,  7.90it/s, bound:22 nc:  4 ncall:4.8e+04 eff:12.2% logz-
ratio=286.19+/-0.10 dlogz:2.358>0.1]

5925it [43:23,  6.35it/s, bound:22 nc:  7 ncall:4.8e+04 eff:12.2% logz-
ratio=286.19+/-0.10 dlogz:2.356>0.1]

5926it [43:23,  6.94it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.19+/-0.10 dlogz:2.355>0.1]

5927it [43:23,  7.16it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.19+/-0.10 dlogz:2.353>0.1]

5928it [43:23,  7.29it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.19+/-0.10 dlogz:2.351>0.1]

5929it [43:23,  7.45it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.19+/-0.10 dlogz:2.349>0.1]

5931it [43:23,  7.06it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.19+/-0.10 dlogz:2.346>0.1]

5932it [43:24,  5.40it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.19+/-0.10 dlogz:2.344>0.1]

5933it [43:24,  4.63it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.19+/-0.10 dlogz:2.342>0.1]

5934it [43:24,  4.23it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.20+/-0.10 dlogz:2.340>0.1]

5935it [43:25,  3.95it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.20+/-0.10 dlogz:2.338>0.1]

5936it [43:25,  3.79it/s, bound:22 nc:  5 ncall:4.8e+04 eff:12.2% logz-
ratio=286.20+/-0.10 dlogz:2.337>0.1]

5937it [43:25,  3.70it/s, bound:22 nc:  5 ncall:4.9e+04 eff:12.2% logz-
ratio=286.20+/-0.10 dlogz:2.335>0.1]
```

5938it [43:25, 3.82it/s, bound:22 nc: 5 ncall:4.9e+04 eff:12.2% logz-ratio=286.20+/-0.10 dlogz:2.333>0.1]

5939it [43:25, 4.69it/s, bound:22 nc: 1 ncall:4.9e+04 eff:12.7% logz-ratio=286.41+/-0.10 dlogz:1.945>0.1]

17:23 bilby INFO   : Written checkpoint file short1/GW150914_1_resume.pickle
17:23 bilby INFO   : Writing 381 current samples to short1/GW150914_1_samples.dat

5940it [43:42, 5.04s/it, bound:22 nc: 5 ncall:4.9e+04 eff:12.2% logz-ratio=286.20+/-0.10 dlogz:2.329>0.1]

5941it [43:42, 3.56s/it, bound:22 nc: 5 ncall:4.9e+04 eff:12.2% logz-ratio=286.20+/-0.10 dlogz:2.328>0.1]

5942it [43:42, 2.56s/it, bound:22 nc: 10 ncall:4.9e+04 eff:12.2% logz-ratio=286.20+/-0.10 dlogz:2.326>0.1]

5943it [43:42, 1.83s/it, bound:22 nc: 5 ncall:4.9e+04 eff:12.2% logz-ratio=286.20+/-0.10 dlogz:2.324>0.1]

5945it [43:42, 1.31s/it, bound:22 nc: 5 ncall:4.9e+04 eff:12.2% logz-ratio=286.21+/-0.10 dlogz:2.320>0.1]

5946it [43:43, 1.05it/s, bound:22 nc: 5 ncall:4.9e+04 eff:12.2% logz-ratio=286.21+/-0.10 dlogz:2.319>0.1]

5947it [43:43, 1.42it/s, bound:22 nc: 5 ncall:4.9e+04 eff:12.2% logz-ratio=286.21+/-0.10 dlogz:2.317>0.1]

5949it [43:43, 1.95it/s, bound:22 nc: 3 ncall:4.9e+04 eff:12.2% logz-ratio=286.21+/-0.10 dlogz:2.313>0.1]

5950it [43:43, 2.26it/s, bound:22 nc: 11 ncall:4.9e+04 eff:12.2% logz-ratio=286.21+/-0.10 dlogz:2.312>0.1]

5951it [43:43, 2.93it/s, bound:22 nc: 5 ncall:4.9e+04 eff:12.2% logz-ratio=286.21+/-0.10 dlogz:2.310>0.1]

5952it [43:43, 3.24it/s, bound:22 nc: 10 ncall:4.9e+04 eff:12.2% logz-ratio=286.21+/-0.10 dlogz:2.308>0.1]

5953it [43:44, 3.65it/s, bound:22 nc: 4 ncall:4.9e+04 eff:12.3% logz-ratio=286.21+/-0.10 dlogz:2.306>0.1]

5954it [43:44, 3.59it/s, bound:22 nc: 5 ncall:4.9e+04 eff:12.3% logz-

ratio=286.22+/-0.10 dlogz:2.304>0.1]

5955it [43:44, 4.30it/s, bound:22 nc: 2 ncall:4.9e+04 eff:12.3% logz-
ratio=286.22+/-0.10 dlogz:2.303>0.1]

5956it [43:45, 3.01it/s, bound:22 nc: 9 ncall:4.9e+04 eff:12.3% logz-
ratio=286.22+/-0.10 dlogz:2.301>0.1]

5957it [43:45, 3.30it/s, bound:22 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.22+/-0.10 dlogz:2.299>0.1]

5958it [43:45, 3.54it/s, bound:22 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.22+/-0.10 dlogz:2.297>0.1]

5959it [43:46, 2.62it/s, bound:22 nc: 11 ncall:4.9e+04 eff:12.3% logz-
ratio=286.22+/-0.10 dlogz:2.296>0.1]

5961it [43:46, 3.40it/s, bound:22 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.22+/-0.10 dlogz:2.292>0.1]

5962it [43:46, 4.22it/s, bound:22 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.22+/-0.10 dlogz:2.290>0.1]

5963it [43:46, 5.03it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.22+/-0.10 dlogz:2.288>0.1]

5965it [43:46, 6.21it/s, bound:23 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.23+/-0.10 dlogz:2.285>0.1]

5966it [43:46, 6.67it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.23+/-0.10 dlogz:2.283>0.1]

5967it [43:46, 7.24it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.23+/-0.10 dlogz:2.281>0.1]

5968it [43:47, 7.52it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.23+/-0.10 dlogz:2.280>0.1]

5969it [43:47, 8.04it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.23+/-0.10 dlogz:2.278>0.1]

5970it [43:47, 8.14it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.23+/-0.10 dlogz:2.276>0.1]

5972it [43:47, 9.51it/s, bound:23 nc: 2 ncall:4.9e+04 eff:12.3% logz-
ratio=286.23+/-0.10 dlogz:2.273>0.1]

5974it [43:47, 8.01it/s, bound:23 nc: 10 ncall:4.9e+04 eff:12.3% logz-

ratio=286.24+/-0.10 dlogz:2.269>0.1]

5975it [43:47, 7.91it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.24+/-0.10 dlogz:2.267>0.1]

5976it [43:48, 5.39it/s, bound:23 nc: 8 ncall:4.9e+04 eff:12.3% logz-
ratio=286.24+/-0.10 dlogz:2.265>0.1]

5977it [43:48, 4.63it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.24+/-0.10 dlogz:2.264>0.1]

5978it [43:48, 4.22it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.24+/-0.10 dlogz:2.262>0.1]

5979it [43:49, 3.97it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.24+/-0.10 dlogz:2.260>0.1]

5980it [43:49, 3.75it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.24+/-0.10 dlogz:2.258>0.1]

5981it [43:49, 2.78it/s, bound:23 nc: 9 ncall:4.9e+04 eff:12.3% logz-
ratio=286.24+/-0.10 dlogz:2.257>0.1]

5982it [43:50, 2.49it/s, bound:23 nc: 14 ncall:4.9e+04 eff:12.3% logz-
ratio=286.24+/-0.10 dlogz:2.255>0.1]

5984it [43:50, 3.06it/s, bound:23 nc: 10 ncall:4.9e+04 eff:12.3% logz-
ratio=286.24+/-0.10 dlogz:2.251>0.1]

5985it [43:50, 3.74it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.25+/-0.10 dlogz:2.250>0.1]

5986it [43:51, 4.57it/s, bound:23 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.25+/-0.10 dlogz:2.248>0.1]

5987it [43:51, 4.28it/s, bound:23 nc: 10 ncall:4.9e+04 eff:12.3% logz-
ratio=286.25+/-0.10 dlogz:2.246>0.1]

5988it [43:51, 4.73it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.25+/-0.10 dlogz:2.244>0.1]

5989it [43:51, 5.41it/s, bound:23 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.25+/-0.10 dlogz:2.243>0.1]

5990it [43:51, 5.73it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.25+/-0.10 dlogz:2.241>0.1]

5991it [43:51, 6.00it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-

ratio=286.25+/-0.10 dlogz:2.239>0.1]

5992it [43:52, 4.51it/s, bound:23 nc: 10 ncall:4.9e+04 eff:12.3% logz-
ratio=286.25+/-0.10 dlogz:2.237>0.1]

5993it [43:52, 4.17it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.25+/-0.10 dlogz:2.236>0.1]

5994it [43:52, 4.12it/s, bound:23 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.25+/-0.10 dlogz:2.234>0.1]

5995it [43:53, 3.82it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.26+/-0.10 dlogz:2.232>0.1]

5996it [43:53, 3.65it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.26+/-0.10 dlogz:2.230>0.1]

5997it [43:53, 3.44it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.26+/-0.10 dlogz:2.229>0.1]

5998it [43:53, 3.33it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.26+/-0.10 dlogz:2.227>0.1]

5999it [43:54, 2.82it/s, bound:23 nc: 7 ncall:4.9e+04 eff:12.3% logz-
ratio=286.26+/-0.10 dlogz:2.225>0.1]

6000it [43:54, 3.37it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.26+/-0.10 dlogz:2.224>0.1]

6001it [43:54, 4.10it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.26+/-0.10 dlogz:2.222>0.1]

6002it [43:54, 4.87it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.26+/-0.10 dlogz:2.220>0.1]

6003it [43:54, 5.51it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.26+/-0.10 dlogz:2.218>0.1]

6004it [43:55, 6.09it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.26+/-0.10 dlogz:2.217>0.1]

6006it [43:55, 6.34it/s, bound:23 nc: 10 ncall:4.9e+04 eff:12.3% logz-
ratio=286.27+/-0.10 dlogz:2.213>0.1]

6007it [43:55, 6.81it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.27+/-0.10 dlogz:2.211>0.1]

6008it [43:55, 7.22it/s, bound:23 nc: 4 ncall:4.9e+04 eff:12.3% logz-

ratio=286.27+/-0.10 dlogz:2.210>0.1]

6009it [43:56, 4.66it/s, bound:23 nc: 15 ncall:4.9e+04 eff:12.3% logz-
ratio=286.27+/-0.10 dlogz:2.208>0.1]

6010it [43:56, 5.25it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.27+/-0.10 dlogz:2.206>0.1]

6011it [43:56, 5.71it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.27+/-0.10 dlogz:2.205>0.1]

6012it [43:56, 5.96it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.27+/-0.10 dlogz:2.203>0.1]

6013it [43:56, 4.79it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.27+/-0.10 dlogz:2.201>0.1]

6014it [43:57, 4.16it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.27+/-0.10 dlogz:2.199>0.1]

6015it [43:57, 2.78it/s, bound:23 nc: 10 ncall:4.9e+04 eff:12.3% logz-
ratio=286.27+/-0.10 dlogz:2.198>0.1]

6016it [43:58, 2.91it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.27+/-0.10 dlogz:2.196>0.1]

6017it [43:58, 2.09it/s, bound:23 nc: 18 ncall:4.9e+04 eff:12.3% logz-
ratio=286.28+/-0.10 dlogz:2.194>0.1]

6018it [43:59, 2.52it/s, bound:23 nc: 9 ncall:4.9e+04 eff:12.3% logz-
ratio=286.28+/-0.10 dlogz:2.193>0.1]

6019it [43:59, 3.17it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.28+/-0.10 dlogz:2.191>0.1]

6020it [43:59, 3.85it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.28+/-0.10 dlogz:2.189>0.1]

6021it [43:59, 4.67it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.28+/-0.10 dlogz:2.187>0.1]

6022it [43:59, 4.36it/s, bound:23 nc: 10 ncall:4.9e+04 eff:12.3% logz-
ratio=286.28+/-0.10 dlogz:2.186>0.1]

6023it [43:59, 4.98it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.28+/-0.10 dlogz:2.184>0.1]

6024it [43:59, 5.65it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-

ratio=286.28+/-0.10 dlogz:2.182>0.1]

6025it [44:00, 6.15it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.28+/-0.10 dlogz:2.181>0.1]

6026it [44:00, 6.68it/s, bound:23 nc: 4 ncall:4.9e+04 eff:12.3% logz-ratio=286.28+/-0.10 dlogz:2.179>0.1]

6027it [44:00, 6.50it/s, bound:23 nc: 6 ncall:4.9e+04 eff:12.3% logz-ratio=286.29+/-0.10 dlogz:2.177>0.1]

6028it [44:00, 6.05it/s, bound:23 nc: 6 ncall:4.9e+04 eff:12.3% logz-ratio=286.29+/-0.10 dlogz:2.175>0.1]

6029it [44:00, 4.90it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.29+/-0.10 dlogz:2.174>0.1]

6030it [44:01, 3.53it/s, bound:23 nc: 7 ncall:4.9e+04 eff:12.3% logz-ratio=286.29+/-0.10 dlogz:2.172>0.1]

6031it [44:01, 3.48it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.29+/-0.10 dlogz:2.170>0.1]

6032it [44:01, 3.42it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.29+/-0.10 dlogz:2.169>0.1]

6033it [44:02, 3.37it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.29+/-0.10 dlogz:2.167>0.1]

6034it [44:02, 3.37it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.29+/-0.10 dlogz:2.165>0.1]

6035it [44:02, 3.45it/s, bound:23 nc: 7 ncall:4.9e+04 eff:12.3% logz-ratio=286.29+/-0.10 dlogz:2.163>0.1]

6036it [44:02, 4.26it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.29+/-0.10 dlogz:2.162>0.1]

6037it [44:02, 5.08it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.29+/-0.10 dlogz:2.160>0.1]

6038it [44:03, 5.71it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.30+/-0.10 dlogz:2.158>0.1]

6039it [44:03, 6.24it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.30+/-0.10 dlogz:2.157>0.1]

6040it [44:03, 5.85it/s, bound:23 nc: 8 ncall:4.9e+04 eff:12.3% logz-

ratio=286.30+/-0.10 dlogz:2.155>0.1]

6041it [44:03, 6.19it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.30+/-0.10 dlogz:2.153>0.1]

6042it [44:03, 6.54it/s, bound:23 nc: 4 ncall:4.9e+04 eff:12.3% logz-ratio=286.30+/-0.10 dlogz:2.152>0.1]

6043it [44:03, 6.29it/s, bound:23 nc: 7 ncall:4.9e+04 eff:12.3% logz-ratio=286.30+/-0.10 dlogz:2.150>0.1]

6044it [44:03, 6.60it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.30+/-0.10 dlogz:2.148>0.1]

6045it [44:04, 6.81it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.30+/-0.10 dlogz:2.147>0.1]

6046it [44:04, 6.97it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.30+/-0.10 dlogz:2.145>0.1]

6047it [44:04, 7.41it/s, bound:23 nc: 4 ncall:4.9e+04 eff:12.3% logz-ratio=286.30+/-0.10 dlogz:2.143>0.1]

6049it [44:04, 8.35it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.31+/-0.10 dlogz:2.140>0.1]

6050it [44:04, 5.82it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.31+/-0.10 dlogz:2.138>0.1]

6051it [44:05, 3.19it/s, bound:23 nc: 10 ncall:4.9e+04 eff:12.3% logz-ratio=286.31+/-0.10 dlogz:2.136>0.1]

6052it [44:05, 3.43it/s, bound:23 nc: 4 ncall:4.9e+04 eff:12.3% logz-ratio=286.31+/-0.10 dlogz:2.135>0.1]

6053it [44:06, 3.37it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.31+/-0.10 dlogz:2.133>0.1]

6054it [44:06, 3.35it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-ratio=286.31+/-0.10 dlogz:2.131>0.1]

6055it [44:06, 3.50it/s, bound:23 nc: 4 ncall:4.9e+04 eff:12.3% logz-ratio=286.31+/-0.10 dlogz:2.130>0.1]

6056it [44:07, 3.11it/s, bound:23 nc: 15 ncall:4.9e+04 eff:12.3% logz-ratio=286.31+/-0.10 dlogz:2.128>0.1]

6057it [44:07, 3.62it/s, bound:23 nc: 6 ncall:4.9e+04 eff:12.3% logz-

ratio=286.31+/-0.10 dlogz:2.126>0.1]

6058it [44:07, 3.61it/s, bound:23 nc: 10 ncall:4.9e+04 eff:12.3% logz-
ratio=286.31+/-0.10 dlogz:2.125>0.1]

6059it [44:07, 4.43it/s, bound:23 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.31+/-0.10 dlogz:2.123>0.1]

6061it [44:07, 5.32it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.32+/-0.10 dlogz:2.120>0.1]

6063it [44:07, 6.31it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.32+/-0.10 dlogz:2.116>0.1]

6064it [44:08, 6.99it/s, bound:23 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.32+/-0.10 dlogz:2.115>0.1]

6065it [44:08, 7.14it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.32+/-0.10 dlogz:2.113>0.1]

6066it [44:08, 7.24it/s, bound:23 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.32+/-0.10 dlogz:2.111>0.1]

6067it [44:08, 7.19it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.32+/-0.10 dlogz:2.110>0.1]

6068it [44:08, 7.35it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.32+/-0.10 dlogz:2.108>0.1]

6069it [44:09, 3.63it/s, bound:24 nc: 10 ncall:4.9e+04 eff:12.3% logz-
ratio=286.32+/-0.10 dlogz:2.106>0.1]

6070it [44:09, 3.46it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.32+/-0.10 dlogz:2.105>0.1]

6071it [44:09, 3.43it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.32+/-0.10 dlogz:2.103>0.1]

6072it [44:10, 2.76it/s, bound:24 nc: 8 ncall:4.9e+04 eff:12.3% logz-
ratio=286.33+/-0.10 dlogz:2.101>0.1]

6073it [44:10, 2.92it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.33+/-0.10 dlogz:2.100>0.1]

6074it [44:10, 3.36it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.33+/-0.10 dlogz:2.098>0.1]

6075it [44:11, 3.60it/s, bound:24 nc: 10 ncall:4.9e+04 eff:12.3% logz-

ratio=286.33+/-0.10 dlogz:2.096>0.1]

6077it [44:11, 4.54it/s, bound:24 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.33+/-0.10 dlogz:2.093>0.1]

6079it [44:11, 5.47it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.33+/-0.10 dlogz:2.090>0.1]

6080it [44:11, 5.95it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.33+/-0.10 dlogz:2.088>0.1]

6082it [44:11, 7.10it/s, bound:24 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.33+/-0.10 dlogz:2.085>0.1]

6083it [44:11, 7.47it/s, bound:24 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.34+/-0.10 dlogz:2.083>0.1]

6084it [44:11, 7.19it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.34+/-0.10 dlogz:2.082>0.1]

6085it [44:12, 4.70it/s, bound:24 nc: 14 ncall:4.9e+04 eff:12.3% logz-
ratio=286.34+/-0.10 dlogz:2.080>0.1]

6086it [44:12, 5.36it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.34+/-0.10 dlogz:2.078>0.1]

6087it [44:12, 6.05it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.34+/-0.10 dlogz:2.077>0.1]

6089it [44:12, 6.13it/s, bound:24 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.34+/-0.10 dlogz:2.074>0.1]

6090it [44:13, 4.89it/s, bound:24 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.34+/-0.10 dlogz:2.072>0.1]

6091it [44:13, 3.32it/s, bound:24 nc: 8 ncall:4.9e+04 eff:12.3% logz-
ratio=286.34+/-0.10 dlogz:2.070>0.1]

6092it [44:13, 3.50it/s, bound:24 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.34+/-0.10 dlogz:2.069>0.1]

6093it [44:14, 3.59it/s, bound:24 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.34+/-0.10 dlogz:2.067>0.1]

6094it [44:14, 2.72it/s, bound:24 nc: 10 ncall:4.9e+04 eff:12.3% logz-
ratio=286.35+/-0.10 dlogz:2.065>0.1]

6095it [44:15, 3.17it/s, bound:24 nc: 8 ncall:4.9e+04 eff:12.3% logz-

ratio=286.35+/-0.10 dlogz:2.064>0.1]

6096it [44:15, 3.93it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.35+/-0.10 dlogz:2.062>0.1]

6097it [44:15, 4.51it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.35+/-0.10 dlogz:2.060>0.1]

6099it [44:15, 5.21it/s, bound:24 nc: 7 ncall:4.9e+04 eff:12.3% logz-
ratio=286.35+/-0.10 dlogz:2.057>0.1]

6100it [44:15, 5.73it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.35+/-0.10 dlogz:2.056>0.1]

6101it [44:15, 6.14it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.35+/-0.10 dlogz:2.054>0.1]

6102it [44:15, 6.60it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.35+/-0.10 dlogz:2.052>0.1]

6103it [44:16, 7.03it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.35+/-0.10 dlogz:2.051>0.1]

6104it [44:16, 7.42it/s, bound:24 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.35+/-0.10 dlogz:2.049>0.1]

6105it [44:16, 5.90it/s, bound:24 nc: 10 ncall:4.9e+04 eff:12.3% logz-
ratio=286.35+/-0.10 dlogz:2.047>0.1]

6106it [44:16, 5.19it/s, bound:24 nc: 10 ncall:4.9e+04 eff:12.3% logz-
ratio=286.36+/-0.10 dlogz:2.046>0.1]

6107it [44:16, 4.89it/s, bound:24 nc: 5 ncall:4.9e+04 eff:12.3% logz-
ratio=286.36+/-0.10 dlogz:2.044>0.1]

6108it [44:17, 3.02it/s, bound:24 nc: 10 ncall:4.9e+04 eff:12.3% logz-
ratio=286.36+/-0.10 dlogz:2.043>0.1]

6109it [44:17, 3.27it/s, bound:24 nc: 4 ncall:4.9e+04 eff:12.3% logz-
ratio=286.36+/-0.10 dlogz:2.041>0.1]

6110it [44:17, 3.68it/s, bound:24 nc: 3 ncall:4.9e+04 eff:12.3% logz-
ratio=286.36+/-0.10 dlogz:2.039>0.1]

6111it [44:18, 3.50it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.3% logz-
ratio=286.36+/-0.10 dlogz:2.038>0.1]

6112it [44:19, 2.28it/s, bound:24 nc: 18 ncall:5.0e+04 eff:12.3% logz-

ratio=286.36+/-0.10 dlogz:2.036>0.1]

6113it [44:19, 2.80it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.3% logz-
ratio=286.36+/-0.10 dlogz:2.035>0.1]

6115it [44:19, 3.65it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.3% logz-
ratio=286.36+/-0.10 dlogz:2.031>0.1]

6116it [44:19, 4.40it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.3% logz-
ratio=286.36+/-0.10 dlogz:2.030>0.1]

6117it [44:19, 5.08it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.3% logz-
ratio=286.36+/-0.10 dlogz:2.028>0.1]

6119it [44:19, 6.02it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.3% logz-
ratio=286.37+/-0.10 dlogz:2.025>0.1]

6120it [44:19, 6.51it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.37+/-0.10 dlogz:2.023>0.1]

6121it [44:20, 7.01it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.37+/-0.10 dlogz:2.022>0.1]

6122it [44:20, 7.11it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.37+/-0.10 dlogz:2.020>0.1]

6124it [44:20, 7.77it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.37+/-0.10 dlogz:2.017>0.1]

6125it [44:20, 7.50it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.37+/-0.10 dlogz:2.015>0.1]

6127it [44:20, 8.21it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.37+/-0.10 dlogz:2.012>0.1]

6128it [44:21, 4.52it/s, bound:24 nc: 7 ncall:5.0e+04 eff:12.4% logz-
ratio=286.37+/-0.10 dlogz:2.010>0.1]

6129it [44:21, 3.97it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.38+/-0.10 dlogz:2.009>0.1]

6130it [44:21, 3.75it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.38+/-0.10 dlogz:2.007>0.1]

6131it [44:22, 3.72it/s, bound:24 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.38+/-0.10 dlogz:2.006>0.1]

6132it [44:22, 2.99it/s, bound:24 nc: 7 ncall:5.0e+04 eff:12.4% logz-

ratio=286.38+/-0.10 dlogz:2.004>0.1]

6133it [44:22, 3.10it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.38+/-0.10 dlogz:2.002>0.1]

6135it [44:23, 3.98it/s, bound:24 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.38+/-0.10 dlogz:1.999>0.1]

6137it [44:23, 4.24it/s, bound:24 nc: 14 ncall:5.0e+04 eff:12.4% logz-
ratio=286.38+/-0.10 dlogz:1.996>0.1]

6138it [44:23, 5.00it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.38+/-0.10 dlogz:1.994>0.1]

6139it [44:23, 4.38it/s, bound:24 nc: 11 ncall:5.0e+04 eff:12.4% logz-
ratio=286.38+/-0.10 dlogz:1.993>0.1]

6140it [44:23, 5.08it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.38+/-0.10 dlogz:1.991>0.1]

6141it [44:24, 5.70it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.39+/-0.10 dlogz:1.990>0.1]

6142it [44:24, 6.22it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.39+/-0.10 dlogz:1.988>0.1]

6143it [44:24, 5.46it/s, bound:24 nc: 8 ncall:5.0e+04 eff:12.4% logz-
ratio=286.39+/-0.10 dlogz:1.986>0.1]

6144it [44:24, 5.97it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.39+/-0.10 dlogz:1.985>0.1]

6145it [44:24, 6.21it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.39+/-0.10 dlogz:1.983>0.1]

6146it [44:24, 5.33it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.39+/-0.10 dlogz:1.982>0.1]

6147it [44:25, 3.98it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.39+/-0.10 dlogz:1.980>0.1]

6148it [44:25, 2.84it/s, bound:24 nc: 9 ncall:5.0e+04 eff:12.4% logz-
ratio=286.39+/-0.10 dlogz:1.979>0.1]

6149it [44:26, 3.11it/s, bound:24 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.39+/-0.10 dlogz:1.977>0.1]

6150it [44:26, 3.26it/s, bound:24 nc: 4 ncall:5.0e+04 eff:12.4% logz-

ratio=286.39+/-0.10 dlogz:1.975>0.1]

6151it [44:26, 3.43it/s, bound:24 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.39+/-0.10 dlogz:1.974>0.1]

6152it [44:26, 3.62it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.39+/-0.10 dlogz:1.972>0.1]

6153it [44:27, 4.35it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.40+/-0.10 dlogz:1.971>0.1]

6154it [44:27, 5.06it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.40+/-0.10 dlogz:1.969>0.1]

6155it [44:27, 5.63it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.40+/-0.10 dlogz:1.967>0.1]

6156it [44:27, 6.31it/s, bound:24 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.40+/-0.10 dlogz:1.966>0.1]

6157it [44:27, 6.92it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.40+/-0.10 dlogz:1.964>0.1]

6158it [44:27, 5.58it/s, bound:24 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.40+/-0.10 dlogz:1.963>0.1]

6159it [44:27, 6.40it/s, bound:24 nc: 3 ncall:5.0e+04 eff:12.4% logz-
ratio=286.40+/-0.10 dlogz:1.961>0.1]

6160it [44:28, 6.57it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.40+/-0.10 dlogz:1.960>0.1]

6161it [44:28, 7.12it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.40+/-0.10 dlogz:1.958>0.1]

6162it [44:28, 6.03it/s, bound:24 nc: 8 ncall:5.0e+04 eff:12.4% logz-
ratio=286.40+/-0.10 dlogz:1.956>0.1]

6163it [44:28, 5.12it/s, bound:24 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.40+/-0.10 dlogz:1.955>0.1]

6164it [44:28, 5.49it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.40+/-0.10 dlogz:1.953>0.1]

6165it [44:29, 4.56it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.41+/-0.10 dlogz:1.952>0.1]

6166it [44:29, 4.04it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-

ratio=286.41+/-0.10 dlogz:1.950>0.1]

6167it [44:29, 4.03it/s, bound:24 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.41+/-0.10 dlogz:1.949>0.1]

6168it [44:30, 3.76it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.41+/-0.10 dlogz:1.947>0.1]

6169it [44:30, 3.61it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.41+/-0.10 dlogz:1.945>0.1]

6170it [44:30, 2.59it/s, bound:24 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.41+/-0.10 dlogz:1.944>0.1]

6171it [44:31, 2.91it/s, bound:24 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.41+/-0.10 dlogz:1.942>0.1]

6172it [44:31, 3.61it/s, bound:24 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.41+/-0.10 dlogz:1.941>0.1]

6173it [44:31, 4.21it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.41+/-0.10 dlogz:1.939>0.1]

6174it [44:31, 5.06it/s, bound:25 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.41+/-0.10 dlogz:1.938>0.1]

6175it [44:31, 5.64it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.41+/-0.10 dlogz:1.936>0.1]

6176it [44:31, 4.94it/s, bound:25 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.41+/-0.10 dlogz:1.934>0.1]

6178it [44:32, 5.95it/s, bound:25 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.42+/-0.10 dlogz:1.931>0.1]

6179it [44:32, 6.30it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.42+/-0.10 dlogz:1.930>0.1]

6180it [44:32, 6.50it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.42+/-0.10 dlogz:1.928>0.1]

6181it [44:32, 6.87it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.42+/-0.10 dlogz:1.927>0.1]

6183it [44:32, 7.75it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.42+/-0.10 dlogz:1.924>0.1]

6184it [44:32, 7.93it/s, bound:25 nc: 4 ncall:5.0e+04 eff:12.4% logz-

ratio=286.42+/-0.10 dlogz:1.922>0.1]

6185it [44:33, 4.55it/s, bound:25 nc: 8 ncall:5.0e+04 eff:12.4% logz-
ratio=286.42+/-0.10 dlogz:1.920>0.1]

6186it [44:33, 5.10it/s, bound:25 nc: 2 ncall:5.0e+04 eff:12.4% logz-
ratio=286.42+/-0.10 dlogz:1.919>0.1]

6187it [44:33, 4.35it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.42+/-0.10 dlogz:1.917>0.1]

6188it [44:34, 2.86it/s, bound:25 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.42+/-0.10 dlogz:1.916>0.1]

6189it [44:34, 2.98it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.43+/-0.10 dlogz:1.914>0.1]

6190it [44:34, 3.05it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.43+/-0.10 dlogz:1.913>0.1]

6191it [44:35, 3.23it/s, bound:25 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.43+/-0.10 dlogz:1.911>0.1]

6192it [44:35, 3.57it/s, bound:25 nc: 9 ncall:5.0e+04 eff:12.4% logz-
ratio=286.43+/-0.10 dlogz:1.910>0.1]

6193it [44:35, 4.36it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.43+/-0.10 dlogz:1.908>0.1]

6194it [44:35, 5.07it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.43+/-0.10 dlogz:1.906>0.1]

6195it [44:35, 4.62it/s, bound:25 nc: 9 ncall:5.0e+04 eff:12.4% logz-
ratio=286.43+/-0.10 dlogz:1.905>0.1]

6196it [44:36, 5.35it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.43+/-0.10 dlogz:1.903>0.1]

6197it [44:36, 5.88it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.43+/-0.10 dlogz:1.902>0.1]

6198it [44:36, 6.35it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.43+/-0.10 dlogz:1.900>0.1]

6199it [44:36, 6.73it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.43+/-0.10 dlogz:1.899>0.1]

6200it [44:36, 6.97it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-

```
ratio=286.43+/-0.10 dlogz:1.897>0.1]

6201it [44:36,  7.42it/s, bound:25 nc:  4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.44+/-0.10 dlogz:1.896>0.1]

6202it [44:36,  7.19it/s, bound:25 nc:  5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.44+/-0.10 dlogz:1.894>0.1]

6203it [44:37,  3.59it/s, bound:25 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.44+/-0.10 dlogz:1.893>0.1]

6204it [44:37,  3.70it/s, bound:25 nc:  4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.44+/-0.10 dlogz:1.891>0.1]

6205it [44:38,  2.74it/s, bound:25 nc:  9 ncall:5.0e+04 eff:12.4% logz-
ratio=286.44+/-0.10 dlogz:1.889>0.1]

6206it [44:38,  2.89it/s, bound:25 nc:  5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.44+/-0.10 dlogz:1.888>0.1]

6207it [44:39,  2.54it/s, bound:25 nc:  8 ncall:5.0e+04 eff:12.4% logz-
ratio=286.44+/-0.10 dlogz:1.886>0.1]

6209it [44:39,  3.14it/s, bound:25 nc:  9 ncall:5.0e+04 eff:12.4% logz-
ratio=286.44+/-0.10 dlogz:1.883>0.1]

6210it [44:39,  3.02it/s, bound:25 nc: 15 ncall:5.0e+04 eff:12.4% logz-
ratio=286.44+/-0.10 dlogz:1.882>0.1]

6212it [44:39,  3.86it/s, bound:25 nc:  5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.44+/-0.10 dlogz:1.879>0.1]

6213it [44:40,  4.65it/s, bound:25 nc:  4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.44+/-0.10 dlogz:1.877>0.1]

6214it [44:40,  4.70it/s, bound:25 nc:  8 ncall:5.0e+04 eff:12.4% logz-
ratio=286.45+/-0.10 dlogz:1.876>0.1]

6215it [44:40,  4.89it/s, bound:25 nc:  6 ncall:5.0e+04 eff:12.4% logz-
ratio=286.45+/-0.10 dlogz:1.874>0.1]

6216it [44:40,  5.67it/s, bound:25 nc:  4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.45+/-0.10 dlogz:1.873>0.1]

6217it [44:40,  5.20it/s, bound:25 nc:  8 ncall:5.0e+04 eff:12.4% logz-
ratio=286.45+/-0.10 dlogz:1.871>0.1]

6218it [44:40,  5.54it/s, bound:25 nc:  5 ncall:5.0e+04 eff:12.4% logz-
```

ratio=286.45+/-0.10 dlogz:1.870>0.1]

6219it [44:41, 5.06it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.45+/-0.10 dlogz:1.868>0.1]

6220it [44:41, 5.03it/s, bound:25 nc: 3 ncall:5.0e+04 eff:12.4% logz-
ratio=286.45+/-0.10 dlogz:1.867>0.1]

6221it [44:41, 3.33it/s, bound:25 nc: 8 ncall:5.0e+04 eff:12.4% logz-
ratio=286.45+/-0.10 dlogz:1.865>0.1]

6222it [44:42, 3.29it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.45+/-0.10 dlogz:1.863>0.1]

6223it [44:42, 3.23it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.45+/-0.10 dlogz:1.862>0.1]

6224it [44:42, 3.00it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.45+/-0.10 dlogz:1.860>0.1]

6225it [44:43, 2.99it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.45+/-0.10 dlogz:1.859>0.1]

6226it [44:43, 3.52it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.46+/-0.10 dlogz:1.857>0.1]

6228it [44:43, 4.41it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.46+/-0.10 dlogz:1.854>0.1]

6229it [44:43, 5.15it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.46+/-0.10 dlogz:1.853>0.1]

6230it [44:44, 4.15it/s, bound:25 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.46+/-0.10 dlogz:1.851>0.1]

6231it [44:44, 4.70it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.46+/-0.10 dlogz:1.850>0.1]

6232it [44:44, 5.06it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.46+/-0.10 dlogz:1.848>0.1]

6233it [44:44, 5.40it/s, bound:25 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.46+/-0.10 dlogz:1.847>0.1]

6234it [44:44, 5.20it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.46+/-0.10 dlogz:1.845>0.1]

6235it [44:44, 5.59it/s, bound:25 nc: 4 ncall:5.0e+04 eff:12.4% logz-

ratio=286.46+/-0.10 dlogz:1.844>0.1]

6236it [44:45, 4.14it/s, bound:25 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.46+/-0.10 dlogz:1.842>0.1]

6237it [44:46, 2.63it/s, bound:25 nc: 8 ncall:5.0e+04 eff:12.4% logz-
ratio=286.46+/-0.10 dlogz:1.841>0.1]

6238it [44:46, 2.56it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.46+/-0.10 dlogz:1.839>0.1]

6239it [44:46, 2.63it/s, bound:25 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.47+/-0.10 dlogz:1.838>0.1]

6240it [44:47, 2.60it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.47+/-0.10 dlogz:1.836>0.1]

6241it [44:47, 2.37it/s, bound:25 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.47+/-0.10 dlogz:1.835>0.1]

6242it [44:47, 2.88it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.47+/-0.10 dlogz:1.833>0.1]

6243it [44:47, 3.59it/s, bound:25 nc: 3 ncall:5.0e+04 eff:12.4% logz-
ratio=286.47+/-0.10 dlogz:1.832>0.1]

6244it [44:48, 4.01it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.47+/-0.10 dlogz:1.830>0.1]

6245it [44:48, 4.55it/s, bound:25 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.47+/-0.10 dlogz:1.829>0.1]

6246it [44:48, 5.23it/s, bound:25 nc: 3 ncall:5.0e+04 eff:12.4% logz-
ratio=286.47+/-0.10 dlogz:1.827>0.1]

6247it [44:48, 3.88it/s, bound:25 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.47+/-0.10 dlogz:1.826>0.1]

6248it [44:48, 4.44it/s, bound:25 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.47+/-0.10 dlogz:1.824>0.1]

6249it [44:49, 3.71it/s, bound:25 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.47+/-0.10 dlogz:1.823>0.1]

6250it [44:49, 3.42it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.47+/-0.10 dlogz:1.821>0.1]

6251it [44:50, 2.52it/s, bound:25 nc: 7 ncall:5.0e+04 eff:12.4% logz-

ratio=286.47+/-0.10 dlogz:1.820>0.1]

6252it [44:50, 2.83it/s, bound:25 nc: 3 ncall:5.0e+04 eff:12.4% logz-
ratio=286.48+/-0.10 dlogz:1.818>0.1]

6253it [44:51, 2.73it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.48+/-0.10 dlogz:1.817>0.1]

6254it [44:51, 2.75it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.48+/-0.10 dlogz:1.815>0.1]

6255it [44:51, 2.67it/s, bound:25 nc: 11 ncall:5.0e+04 eff:12.4% logz-
ratio=286.48+/-0.10 dlogz:1.814>0.1]

6256it [44:51, 3.36it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.48+/-0.10 dlogz:1.812>0.1]

6257it [44:52, 4.04it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.48+/-0.10 dlogz:1.811>0.1]

6258it [44:52, 4.64it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.48+/-0.10 dlogz:1.809>0.1]

6259it [44:52, 4.52it/s, bound:25 nc: 9 ncall:5.0e+04 eff:12.4% logz-
ratio=286.48+/-0.10 dlogz:1.808>0.1]

6260it [44:52, 5.11it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.48+/-0.10 dlogz:1.806>0.1]

6261it [44:52, 5.65it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.48+/-0.10 dlogz:1.805>0.1]

6262it [44:52, 5.96it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.48+/-0.10 dlogz:1.803>0.1]

6263it [44:53, 4.89it/s, bound:25 nc: 10 ncall:5.0e+04 eff:12.4% logz-
ratio=286.48+/-0.10 dlogz:1.802>0.1]

6264it [44:53, 3.65it/s, bound:25 nc: 13 ncall:5.0e+04 eff:12.4% logz-
ratio=286.49+/-0.10 dlogz:1.800>0.1]

6265it [44:53, 3.68it/s, bound:25 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.49+/-0.10 dlogz:1.799>0.1]

6266it [44:54, 3.68it/s, bound:25 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.49+/-0.10 dlogz:1.797>0.1]

6267it [44:54, 3.47it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-

ratio=286.49+/-0.10 dlogz:1.796>0.1]

6268it [44:54, 3.81it/s, bound:25 nc: 3 ncall:5.0e+04 eff:12.4% logz-
ratio=286.49+/-0.10 dlogz:1.794>0.1]

6269it [44:54, 3.78it/s, bound:25 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.49+/-0.10 dlogz:1.793>0.1]

6270it [44:55, 3.49it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.49+/-0.10 dlogz:1.791>0.1]

6271it [44:55, 3.33it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.49+/-0.10 dlogz:1.790>0.1]

6272it [44:55, 3.92it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.49+/-0.10 dlogz:1.788>0.1]

6273it [44:55, 4.72it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.49+/-0.10 dlogz:1.787>0.1]

6275it [44:56, 5.51it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.49+/-0.10 dlogz:1.784>0.1]

6276it [44:56, 6.11it/s, bound:25 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.49+/-0.10 dlogz:1.782>0.1]

6277it [44:56, 6.76it/s, bound:25 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.50+/-0.10 dlogz:1.781>0.1]

6278it [44:56, 6.21it/s, bound:26 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.50+/-0.10 dlogz:1.779>0.1]

6279it [44:56, 6.83it/s, bound:26 nc: 4 ncall:5.0e+04 eff:12.4% logz-
ratio=286.50+/-0.10 dlogz:1.778>0.1]

6280it [44:56, 7.10it/s, bound:26 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.50+/-0.10 dlogz:1.777>0.1]

6281it [44:56, 5.68it/s, bound:26 nc: 9 ncall:5.0e+04 eff:12.4% logz-
ratio=286.50+/-0.10 dlogz:1.775>0.1]

6282it [44:57, 6.48it/s, bound:26 nc: 3 ncall:5.0e+04 eff:12.4% logz-
ratio=286.50+/-0.10 dlogz:1.774>0.1]

6283it [44:57, 6.88it/s, bound:26 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.50+/-0.10 dlogz:1.772>0.1]

6284it [44:57, 5.27it/s, bound:26 nc: 10 ncall:5.0e+04 eff:12.4% logz-

ratio=286.50+/-0.10 dlogz:1.771>0.1]

6285it [44:57, 5.69it/s, bound:26 nc: 3 ncall:5.0e+04 eff:12.4% logz-
ratio=286.50+/-0.10 dlogz:1.769>0.1]

6286it [44:57, 4.51it/s, bound:26 nc: 5 ncall:5.0e+04 eff:12.4% logz-
ratio=286.50+/-0.10 dlogz:1.768>0.1]

6287it [44:58, 3.89it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.4% logz-
ratio=286.50+/-0.10 dlogz:1.766>0.1]

6288it [44:58, 3.31it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.4% logz-
ratio=286.50+/-0.10 dlogz:1.765>0.1]

6289it [44:59, 2.20it/s, bound:26 nc: 10 ncall:5.1e+04 eff:12.4% logz-
ratio=286.50+/-0.10 dlogz:1.763>0.1]

6290it [44:59, 2.62it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.51+/-0.10 dlogz:1.762>0.1]

6291it [44:59, 3.00it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.51+/-0.10 dlogz:1.760>0.1]

6292it [45:00, 3.69it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.51+/-0.10 dlogz:1.759>0.1]

6293it [45:00, 4.27it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.51+/-0.10 dlogz:1.757>0.1]

6294it [45:00, 4.81it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.51+/-0.10 dlogz:1.756>0.1]

6295it [45:00, 4.77it/s, bound:26 nc: 7 ncall:5.1e+04 eff:12.5% logz-
ratio=286.51+/-0.10 dlogz:1.755>0.1]

6296it [45:00, 5.23it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.51+/-0.10 dlogz:1.753>0.1]

6297it [45:00, 5.62it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.51+/-0.10 dlogz:1.752>0.1]

6298it [45:00, 5.95it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.51+/-0.10 dlogz:1.750>0.1]

6299it [45:01, 4.89it/s, bound:26 nc: 9 ncall:5.1e+04 eff:12.5% logz-
ratio=286.51+/-0.10 dlogz:1.749>0.1]

6300it [45:01, 5.34it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-

ratio=286.51+/-0.10 dlogz:1.747>0.1]

6301it [45:01, 5.58it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.51+/-0.10 dlogz:1.746>0.1]

6302it [45:02, 3.08it/s, bound:26 nc: 9 ncall:5.1e+04 eff:12.5% logz-
ratio=286.51+/-0.10 dlogz:1.744>0.1]

6303it [45:02, 2.96it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.52+/-0.10 dlogz:1.743>0.1]

6304it [45:03, 2.39it/s, bound:26 nc: 7 ncall:5.1e+04 eff:12.5% logz-
ratio=286.52+/-0.10 dlogz:1.741>0.1]

6305it [45:03, 2.52it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.52+/-0.10 dlogz:1.740>0.1]

6306it [45:03, 3.03it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.52+/-0.10 dlogz:1.739>0.1]

6308it [45:04, 3.57it/s, bound:26 nc: 10 ncall:5.1e+04 eff:12.5% logz-
ratio=286.52+/-0.10 dlogz:1.736>0.1]

6309it [45:04, 4.21it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.52+/-0.10 dlogz:1.734>0.1]

6310it [45:04, 4.97it/s, bound:26 nc: 4 ncall:5.1e+04 eff:12.5% logz-
ratio=286.52+/-0.10 dlogz:1.733>0.1]

6311it [45:04, 5.66it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.52+/-0.10 dlogz:1.731>0.1]

6312it [45:04, 6.33it/s, bound:26 nc: 4 ncall:5.1e+04 eff:12.5% logz-
ratio=286.52+/-0.10 dlogz:1.730>0.1]

6313it [45:04, 6.59it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.52+/-0.10 dlogz:1.728>0.1]

6315it [45:05, 6.46it/s, bound:26 nc: 8 ncall:5.1e+04 eff:12.5% logz-
ratio=286.52+/-0.10 dlogz:1.726>0.1]

6316it [45:05, 6.63it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.53+/-0.10 dlogz:1.724>0.1]

6317it [45:05, 6.67it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.53+/-0.10 dlogz:1.723>0.1]

6318it [45:05, 3.88it/s, bound:26 nc: 12 ncall:5.1e+04 eff:12.5% logz-

ratio=286.53+/-0.10 dlogz:1.721>0.1]

6319it [45:06, 2.53it/s, bound:26 nc: 10 ncall:5.1e+04 eff:12.5% logz-
ratio=286.53+/-0.10 dlogz:1.720>0.1]

6320it [45:06, 2.65it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.53+/-0.10 dlogz:1.718>0.1]

6321it [45:07, 2.65it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.53+/-0.10 dlogz:1.717>0.1]

6322it [45:07, 2.74it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.53+/-0.10 dlogz:1.715>0.1]

6323it [45:07, 3.35it/s, bound:26 nc: 2 ncall:5.1e+04 eff:12.5% logz-
ratio=286.53+/-0.10 dlogz:1.714>0.1]

6324it [45:07, 4.13it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.53+/-0.10 dlogz:1.713>0.1]

6325it [45:08, 3.81it/s, bound:26 nc: 12 ncall:5.1e+04 eff:12.5% logz-
ratio=286.53+/-0.10 dlogz:1.711>0.1]

6327it [45:08, 4.69it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.53+/-0.10 dlogz:1.708>0.1]

6328it [45:08, 4.72it/s, bound:26 nc: 7 ncall:5.1e+04 eff:12.5% logz-
ratio=286.53+/-0.10 dlogz:1.707>0.1]

6329it [45:08, 5.26it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.53+/-0.10 dlogz:1.705>0.1]

6330it [45:08, 5.81it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.54+/-0.10 dlogz:1.704>0.1]

6331it [45:08, 6.21it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.54+/-0.10 dlogz:1.703>0.1]

6332it [45:09, 4.99it/s, bound:26 nc: 10 ncall:5.1e+04 eff:12.5% logz-
ratio=286.54+/-0.10 dlogz:1.701>0.1]

6333it [45:09, 5.37it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.54+/-0.10 dlogz:1.700>0.1]

6334it [45:09, 5.85it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.54+/-0.10 dlogz:1.698>0.1]

6336it [45:09, 5.88it/s, bound:26 nc: 4 ncall:5.1e+04 eff:12.5% logz-

ratio=286.54+/-0.10 dlogz:1.696>0.1]

6337it [45:10, 3.65it/s, bound:26 nc: 7 ncall:5.1e+04 eff:12.5% logz-ratio=286.54+/-0.10 dlogz:1.694>0.1]

6338it [45:10, 3.47it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.54+/-0.10 dlogz:1.693>0.1]

6339it [45:11, 3.34it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.54+/-0.10 dlogz:1.691>0.1]

6340it [45:11, 3.47it/s, bound:26 nc: 4 ncall:5.1e+04 eff:12.5% logz-ratio=286.54+/-0.10 dlogz:1.690>0.1]

6341it [45:11, 3.53it/s, bound:26 nc: 4 ncall:5.1e+04 eff:12.5% logz-ratio=286.54+/-0.10 dlogz:1.688>0.1]

6342it [45:11, 3.69it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.54+/-0.10 dlogz:1.687>0.1]

6343it [45:11, 4.47it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.55+/-0.10 dlogz:1.686>0.1]

6344it [45:12, 5.30it/s, bound:26 nc: 4 ncall:5.1e+04 eff:12.5% logz-ratio=286.55+/-0.10 dlogz:1.684>0.1]

6345it [45:12, 5.95it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.55+/-0.10 dlogz:1.683>0.1]

6346it [45:12, 6.21it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.55+/-0.10 dlogz:1.681>0.1]

6348it [45:12, 7.12it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.55+/-0.10 dlogz:1.679>0.1]

6349it [45:12, 7.18it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.55+/-0.10 dlogz:1.677>0.1]

6350it [45:12, 7.59it/s, bound:26 nc: 4 ncall:5.1e+04 eff:12.5% logz-ratio=286.55+/-0.10 dlogz:1.676>0.1]

6351it [45:12, 7.65it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.55+/-0.10 dlogz:1.674>0.1]

6353it [45:13, 8.68it/s, bound:26 nc: 3 ncall:5.1e+04 eff:12.5% logz-ratio=286.55+/-0.10 dlogz:1.672>0.1]

6354it [45:13, 8.89it/s, bound:26 nc: 4 ncall:5.1e+04 eff:12.5% logz-

ratio=286.55+/-0.10 dlogz:1.670>0.1]

6355it [45:13, 4.92it/s, bound:26 nc: 14 ncall:5.1e+04 eff:12.5% logz-ratio=286.55+/-0.10 dlogz:1.669>0.1]

6356it [45:13, 5.41it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.55+/-0.10 dlogz:1.667>0.1]

6357it [45:14, 4.37it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.56+/-0.10 dlogz:1.666>0.1]

6358it [45:14, 4.52it/s, bound:26 nc: 3 ncall:5.1e+04 eff:12.5% logz-ratio=286.56+/-0.10 dlogz:1.665>0.1]

6359it [45:14, 3.95it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.56+/-0.10 dlogz:1.663>0.1]

6360it [45:15, 2.46it/s, bound:26 nc: 10 ncall:5.1e+04 eff:12.5% logz-ratio=286.56+/-0.10 dlogz:1.662>0.1]

6361it [45:15, 2.16it/s, bound:26 nc: 10 ncall:5.1e+04 eff:12.5% logz-ratio=286.56+/-0.10 dlogz:1.660>0.1]

6362it [45:16, 2.78it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.56+/-0.10 dlogz:1.659>0.1]

6364it [45:16, 3.54it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.56+/-0.10 dlogz:1.656>0.1]

6365it [45:16, 4.24it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.56+/-0.10 dlogz:1.655>0.1]

6367it [45:16, 5.09it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.56+/-0.10 dlogz:1.652>0.1]

6368it [45:16, 5.64it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.56+/-0.10 dlogz:1.651>0.1]

6369it [45:16, 5.94it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.56+/-0.10 dlogz:1.649>0.1]

6370it [45:16, 6.61it/s, bound:26 nc: 4 ncall:5.1e+04 eff:12.5% logz-ratio=286.56+/-0.10 dlogz:1.648>0.1]

6371it [45:17, 6.81it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.57+/-0.10 dlogz:1.646>0.1]

6372it [45:17, 5.24it/s, bound:26 nc: 10 ncall:5.1e+04 eff:12.5% logz-

ratio=286.57+/-0.10 dlogz:1.645>0.1]

6373it [45:18, 2.32it/s, bound:26 nc: 20 ncall:5.1e+04 eff:12.5% logz-
ratio=286.57+/-0.10 dlogz:1.644>0.1]

6374it [45:18, 2.46it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.57+/-0.10 dlogz:1.642>0.1]

6375it [45:19, 2.61it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.57+/-0.10 dlogz:1.641>0.1]

6376it [45:19, 2.71it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.57+/-0.10 dlogz:1.639>0.1]

6377it [45:20, 2.15it/s, bound:26 nc: 15 ncall:5.1e+04 eff:12.5% logz-
ratio=286.57+/-0.10 dlogz:1.638>0.1]

6378it [45:20, 2.73it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.57+/-0.10 dlogz:1.637>0.1]

6379it [45:20, 3.34it/s, bound:26 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.57+/-0.10 dlogz:1.635>0.1]

6380it [45:20, 4.13it/s, bound:26 nc: 4 ncall:5.1e+04 eff:12.5% logz-
ratio=286.57+/-0.10 dlogz:1.634>0.1]

6381it [45:20, 3.92it/s, bound:26 nc: 10 ncall:5.1e+04 eff:12.5% logz-
ratio=286.57+/-0.10 dlogz:1.633>0.1]

6382it [45:20, 4.31it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.57+/-0.10 dlogz:1.631>0.1]

6383it [45:21, 4.92it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.57+/-0.10 dlogz:1.630>0.1]

6385it [45:21, 5.62it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.58+/-0.10 dlogz:1.627>0.1]

6386it [45:21, 6.07it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.58+/-0.10 dlogz:1.626>0.1]

6387it [45:21, 6.70it/s, bound:27 nc: 4 ncall:5.1e+04 eff:12.5% logz-
ratio=286.58+/-0.10 dlogz:1.624>0.1]

6388it [45:21, 6.85it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.58+/-0.10 dlogz:1.623>0.1]

6389it [45:21, 5.68it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-

ratio=286.58+/-0.10 dlogz:1.622>0.1]

6390it [45:22, 5.91it/s, bound:27 nc: 2 ncall:5.1e+04 eff:12.5% logz-
ratio=286.58+/-0.10 dlogz:1.620>0.1]

6391it [45:22, 5.00it/s, bound:27 nc: 4 ncall:5.1e+04 eff:12.5% logz-
ratio=286.58+/-0.10 dlogz:1.619>0.1]

6392it [45:22, 4.17it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.58+/-0.10 dlogz:1.617>0.1]

6393it [45:23, 2.10it/s, bound:27 nc: 14 ncall:5.1e+04 eff:12.5% logz-
ratio=286.58+/-0.10 dlogz:1.616>0.1]

6394it [45:23, 2.45it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.58+/-0.10 dlogz:1.615>0.1]

6396it [45:24, 3.24it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.58+/-0.10 dlogz:1.612>0.1]

6397it [45:24, 4.00it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.58+/-0.10 dlogz:1.611>0.1]

6398it [45:24, 4.72it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.58+/-0.10 dlogz:1.609>0.1]

6399it [45:24, 4.52it/s, bound:27 nc: 8 ncall:5.1e+04 eff:12.5% logz-
ratio=286.59+/-0.10 dlogz:1.608>0.1]

6400it [45:24, 5.20it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.59+/-0.10 dlogz:1.606>0.1]

6401it [45:24, 5.71it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.59+/-0.10 dlogz:1.605>0.1]

6402it [45:24, 6.17it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.59+/-0.10 dlogz:1.604>0.1]

6403it [45:25, 5.26it/s, bound:27 nc: 9 ncall:5.1e+04 eff:12.5% logz-
ratio=286.59+/-0.10 dlogz:1.602>0.1]

6404it [45:25, 5.74it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.59+/-0.10 dlogz:1.601>0.1]

6405it [45:25, 4.64it/s, bound:27 nc: 9 ncall:5.1e+04 eff:12.5% logz-
ratio=286.59+/-0.10 dlogz:1.600>0.1]

6407it [45:26, 4.28it/s, bound:27 nc: 8 ncall:5.1e+04 eff:12.5% logz-

ratio=286.59+/-0.10 dlogz:1.597>0.1]

6408it [45:26, 2.61it/s, bound:27 nc: 10 ncall:5.1e+04 eff:12.5% logz-
ratio=286.59+/-0.10 dlogz:1.596>0.1]

6409it [45:27, 2.72it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.59+/-0.10 dlogz:1.594>0.1]

6410it [45:27, 2.82it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.59+/-0.10 dlogz:1.593>0.1]

6411it [45:27, 2.87it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.59+/-0.10 dlogz:1.592>0.1]

6412it [45:28, 3.60it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.59+/-0.10 dlogz:1.590>0.1]

6414it [45:28, 4.59it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.60+/-0.10 dlogz:1.587>0.1]

6415it [45:28, 4.31it/s, bound:27 nc: 10 ncall:5.1e+04 eff:12.5% logz-
ratio=286.60+/-0.10 dlogz:1.586>0.1]

6416it [45:28, 4.94it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.60+/-0.10 dlogz:1.585>0.1]

6418it [45:28, 5.75it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.60+/-0.10 dlogz:1.582>0.1]

6419it [45:29, 6.05it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.60+/-0.10 dlogz:1.581>0.1]

6421it [45:29, 6.71it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.60+/-0.10 dlogz:1.578>0.1]

6422it [45:29, 6.76it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.60+/-0.10 dlogz:1.577>0.1]

6423it [45:29, 5.17it/s, bound:27 nc: 10 ncall:5.1e+04 eff:12.5% logz-
ratio=286.60+/-0.10 dlogz:1.575>0.1]

6424it [45:29, 5.70it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.60+/-0.10 dlogz:1.574>0.1]

6425it [45:30, 5.21it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.60+/-0.10 dlogz:1.573>0.1]

6426it [45:30, 4.34it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-

ratio=286.60+/-0.10 dlogz:1.571>0.1]

6427it [45:30, 4.18it/s, bound:27 nc: 4 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.570>0.1]

6428it [45:31, 2.06it/s, bound:27 nc: 15 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.569>0.1]

6429it [45:32, 2.27it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.567>0.1]

6430it [45:32, 2.96it/s, bound:27 nc: 4 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.566>0.1]

6431it [45:32, 3.24it/s, bound:27 nc: 10 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.565>0.1]

6432it [45:32, 3.89it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.563>0.1]

6433it [45:32, 4.58it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.562>0.1]

6434it [45:32, 5.21it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.561>0.1]

6435it [45:32, 6.00it/s, bound:27 nc: 4 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.559>0.1]

6436it [45:32, 6.60it/s, bound:27 nc: 4 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.558>0.1]

6437it [45:33, 5.36it/s, bound:27 nc: 9 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.557>0.1]

6438it [45:33, 4.89it/s, bound:27 nc: 9 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.555>0.1]

6439it [45:33, 5.38it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.554>0.1]

6440it [45:33, 4.50it/s, bound:27 nc: 10 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.553>0.1]

6441it [45:34, 4.29it/s, bound:27 nc: 4 ncall:5.1e+04 eff:12.5% logz-
ratio=286.61+/-0.10 dlogz:1.551>0.1]

6442it [45:34, 3.84it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-

ratio=286.62+/-0.10 dlogz:1.550>0.1]

6443it [45:34, 3.79it/s, bound:27 nc: 4 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.549>0.1]

6444it [45:35, 2.66it/s, bound:27 nc: 9 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.547>0.1]

6445it [45:35, 3.02it/s, bound:27 nc: 3 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.546>0.1]

6446it [45:36, 2.58it/s, bound:27 nc: 10 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.545>0.1]

6447it [45:36, 2.74it/s, bound:27 nc: 12 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.543>0.1]

6448it [45:36, 3.38it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.542>0.1]

6449it [45:36, 4.03it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.541>0.1]

6450it [45:36, 4.76it/s, bound:27 nc: 4 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.539>0.1]

6451it [45:37, 5.26it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.538>0.1]

6452it [45:37, 5.59it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.537>0.1]

6453it [45:37, 6.11it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.535>0.1]

6454it [45:37, 6.73it/s, bound:27 nc: 4 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.534>0.1]

6455it [45:37, 6.04it/s, bound:27 nc: 7 ncall:5.1e+04 eff:12.5% logz-ratio=286.62+/-0.10 dlogz:1.533>0.1]

6456it [45:37, 6.61it/s, bound:27 nc: 4 ncall:5.1e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.531>0.1]

6457it [45:38, 4.84it/s, bound:27 nc: 10 ncall:5.1e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.530>0.1]

6458it [45:38, 4.12it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-

ratio=286.63+/-0.10 dlogz:1.529>0.1]

6459it [45:38, 3.73it/s, bound:27 nc: 5 ncall:5.1e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.528>0.1]

6460it [45:39, 3.51it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.526>0.1]

6461it [45:39, 3.56it/s, bound:27 nc: 4 ncall:5.2e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.525>0.1]

6462it [45:39, 3.40it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.524>0.1]

6463it [45:40, 2.79it/s, bound:27 nc: 8 ncall:5.2e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.522>0.1]

6464it [45:40, 3.52it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.521>0.1]

6465it [45:40, 3.83it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.520>0.1]

6466it [45:40, 4.52it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.518>0.1]

6467it [45:40, 5.10it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.517>0.1]

6468it [45:40, 5.63it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.516>0.1]

6469it [45:41, 6.11it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.5% logz-ratio=286.63+/-0.10 dlogz:1.514>0.1]

6471it [45:41, 7.32it/s, bound:27 nc: 3 ncall:5.2e+04 eff:12.6% logz-ratio=286.64+/-0.10 dlogz:1.512>0.1]

6472it [45:41, 7.24it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.64+/-0.10 dlogz:1.511>0.1]

6473it [45:41, 7.66it/s, bound:27 nc: 4 ncall:5.2e+04 eff:12.6% logz-ratio=286.64+/-0.10 dlogz:1.509>0.1]

6474it [45:41, 7.42it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.64+/-0.10 dlogz:1.508>0.1]

6475it [45:41, 7.13it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.6% logz-

ratio=286.64+/-0.10 dlogz:1.507>0.1]

6476it [45:41, 7.02it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.64+/-0.10 dlogz:1.505>0.1]

6477it [45:41, 7.64it/s, bound:27 nc: 3 ncall:5.2e+04 eff:12.6% logz-
ratio=286.64+/-0.10 dlogz:1.504>0.1]

6478it [45:42, 2.60it/s, bound:27 nc: 14 ncall:5.2e+04 eff:12.6% logz-
ratio=286.64+/-0.10 dlogz:1.503>0.1]

6479it [45:43, 2.86it/s, bound:27 nc: 4 ncall:5.2e+04 eff:12.6% logz-
ratio=286.64+/-0.10 dlogz:1.501>0.1]

6480it [45:43, 2.91it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.64+/-0.10 dlogz:1.500>0.1]

6481it [45:44, 2.30it/s, bound:27 nc: 9 ncall:5.2e+04 eff:12.6% logz-
ratio=286.64+/-0.10 dlogz:1.499>0.1]

6482it [45:44, 2.76it/s, bound:27 nc: 8 ncall:5.2e+04 eff:12.6% logz-
ratio=286.64+/-0.10 dlogz:1.498>0.1]

6483it [45:44, 3.46it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.64+/-0.10 dlogz:1.496>0.1]

6484it [45:44, 4.19it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.64+/-0.10 dlogz:1.495>0.1]

6485it [45:44, 4.91it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.64+/-0.10 dlogz:1.494>0.1]

6486it [45:44, 5.39it/s, bound:27 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.65+/-0.10 dlogz:1.492>0.1]

6487it [45:44, 6.13it/s, bound:27 nc: 4 ncall:5.2e+04 eff:12.6% logz-
ratio=286.65+/-0.10 dlogz:1.491>0.1]

6488it [45:45, 5.37it/s, bound:27 nc: 7 ncall:5.2e+04 eff:12.6% logz-
ratio=286.65+/-0.10 dlogz:1.490>0.1]

6489it [45:45, 5.68it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.65+/-0.10 dlogz:1.489>0.1]

6490it [45:45, 6.03it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.65+/-0.10 dlogz:1.487>0.1]

6491it [45:45, 6.19it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-

ratio=286.65+/-0.10 dlogz:1.486>0.1]

6492it [45:45, 6.45it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.65+/-0.10 dlogz:1.485>0.1]

6493it [45:46, 5.56it/s, bound:28 nc: 8 ncall:5.2e+04 eff:12.6% logz-ratio=286.65+/-0.10 dlogz:1.483>0.1]

6494it [45:46, 2.74it/s, bound:28 nc: 12 ncall:5.2e+04 eff:12.6% logz-ratio=286.65+/-0.10 dlogz:1.482>0.1]

6495it [45:47, 1.71it/s, bound:28 nc: 15 ncall:5.2e+04 eff:12.6% logz-ratio=286.65+/-0.10 dlogz:1.481>0.1]

6496it [45:48, 2.00it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.65+/-0.10 dlogz:1.480>0.1]

6497it [45:48, 2.60it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.65+/-0.10 dlogz:1.478>0.1]

6498it [45:48, 3.30it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.65+/-0.10 dlogz:1.477>0.1]

6499it [45:48, 3.42it/s, bound:28 nc: 10 ncall:5.2e+04 eff:12.6% logz-ratio=286.65+/-0.10 dlogz:1.476>0.1]

6501it [45:49, 4.02it/s, bound:28 nc: 7 ncall:5.2e+04 eff:12.6% logz-ratio=286.66+/-0.10 dlogz:1.473>0.1]

6502it [45:49, 4.71it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.66+/-0.10 dlogz:1.472>0.1]

6503it [45:49, 4.47it/s, bound:28 nc: 8 ncall:5.2e+04 eff:12.6% logz-ratio=286.66+/-0.10 dlogz:1.471>0.1]

6504it [45:49, 4.07it/s, bound:28 nc: 10 ncall:5.2e+04 eff:12.6% logz-ratio=286.66+/-0.10 dlogz:1.469>0.1]

6505it [45:49, 4.85it/s, bound:28 nc: 4 ncall:5.2e+04 eff:12.6% logz-ratio=286.66+/-0.10 dlogz:1.468>0.1]

6506it [45:49, 5.26it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.66+/-0.10 dlogz:1.467>0.1]

6508it [45:50, 5.87it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.66+/-0.10 dlogz:1.464>0.1]

6509it [45:50, 4.59it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-

ratio=286.66+/-0.10 dlogz:1.463>0.1]

6510it [45:51, 2.72it/s, bound:28 nc: 10 ncall:5.2e+04 eff:12.6% logz-
ratio=286.66+/-0.10 dlogz:1.462>0.1]

6511it [45:51, 2.80it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.66+/-0.10 dlogz:1.460>0.1]

6512it [45:51, 3.00it/s, bound:28 nc: 4 ncall:5.2e+04 eff:12.6% logz-
ratio=286.66+/-0.10 dlogz:1.459>0.1]

6513it [45:52, 3.00it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.66+/-0.10 dlogz:1.458>0.1]

6514it [45:52, 3.59it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.66+/-0.10 dlogz:1.457>0.1]

6515it [45:52, 3.45it/s, bound:28 nc: 11 ncall:5.2e+04 eff:12.6% logz-
ratio=286.66+/-0.10 dlogz:1.455>0.1]

6516it [45:52, 4.06it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.66+/-0.10 dlogz:1.454>0.1]

6517it [45:52, 4.86it/s, bound:28 nc: 4 ncall:5.2e+04 eff:12.6% logz-
ratio=286.67+/-0.10 dlogz:1.453>0.1]

6518it [45:53, 4.61it/s, bound:28 nc: 8 ncall:5.2e+04 eff:12.6% logz-
ratio=286.67+/-0.10 dlogz:1.452>0.1]

6519it [45:53, 5.10it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.67+/-0.10 dlogz:1.450>0.1]

6520it [45:53, 5.98it/s, bound:28 nc: 3 ncall:5.2e+04 eff:12.6% logz-
ratio=286.67+/-0.10 dlogz:1.449>0.1]

6521it [45:53, 5.02it/s, bound:28 nc: 9 ncall:5.2e+04 eff:12.6% logz-
ratio=286.67+/-0.10 dlogz:1.448>0.1]

6522it [45:53, 5.39it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.67+/-0.10 dlogz:1.447>0.1]

6523it [45:54, 5.01it/s, bound:28 nc: 7 ncall:5.2e+04 eff:12.6% logz-
ratio=286.67+/-0.10 dlogz:1.445>0.1]

6524it [45:54, 3.45it/s, bound:28 nc: 9 ncall:5.2e+04 eff:12.6% logz-
ratio=286.67+/-0.10 dlogz:1.444>0.1]

6525it [45:54, 3.13it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-

ratio=286.67+/-0.10 dlogz:1.443>0.1]

6526it [45:56, 1.78it/s, bound:28 nc: 14 ncall:5.2e+04 eff:12.6% logz-ratio=286.67+/-0.10 dlogz:1.441>0.1]

6527it [45:56, 2.12it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.67+/-0.10 dlogz:1.440>0.1]

6529it [45:56, 2.62it/s, bound:28 nc: 10 ncall:5.2e+04 eff:12.6% logz-ratio=286.67+/-0.10 dlogz:1.438>0.1]

6530it [45:56, 3.29it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.67+/-0.10 dlogz:1.436>0.1]

6531it [45:56, 3.98it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.67+/-0.10 dlogz:1.435>0.1]

6532it [45:57, 3.78it/s, bound:28 nc: 10 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.434>0.1]

6533it [45:57, 4.47it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.433>0.1]

6535it [45:57, 5.25it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.430>0.1]

6536it [45:57, 5.56it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.429>0.1]

6537it [45:57, 6.16it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.428>0.1]

6538it [45:58, 6.65it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.426>0.1]

6539it [45:58, 7.33it/s, bound:28 nc: 4 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.425>0.1]

6540it [45:58, 3.78it/s, bound:28 nc: 10 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.424>0.1]

6541it [45:59, 3.48it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.423>0.1]

6542it [45:59, 3.25it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.421>0.1]

6543it [46:00, 1.98it/s, bound:28 nc: 13 ncall:5.2e+04 eff:12.6% logz-

ratio=286.68+/-0.10 dlogz:1.420>0.1]

6544it [46:00, 2.52it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.419>0.1]

6545it [46:00, 3.19it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.418>0.1]

6546it [46:00, 3.85it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.416>0.1]

6547it [46:00, 4.70it/s, bound:28 nc: 4 ncall:5.2e+04 eff:12.6% logz-ratio=286.68+/-0.10 dlogz:1.415>0.1]

6548it [46:00, 5.29it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.414>0.1]

6549it [46:01, 4.36it/s, bound:28 nc: 10 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.413>0.1]

6550it [46:01, 4.96it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.412>0.1]

6551it [46:01, 5.36it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.410>0.1]

6552it [46:01, 5.95it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.409>0.1]

6553it [46:01, 6.67it/s, bound:28 nc: 4 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.408>0.1]

6554it [46:01, 7.00it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.407>0.1]

6555it [46:02, 5.16it/s, bound:28 nc: 10 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.405>0.1]

6556it [46:02, 4.44it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.404>0.1]

6557it [46:02, 3.92it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.403>0.1]

6558it [46:03, 3.83it/s, bound:28 nc: 4 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.402>0.1]

6559it [46:03, 4.08it/s, bound:28 nc: 3 ncall:5.2e+04 eff:12.6% logz-

ratio=286.69+/-0.10 dlogz:1.400>0.1]

6560it [46:04, 2.64it/s, bound:28 nc: 10 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.399>0.1]

6561it [46:04, 3.06it/s, bound:28 nc: 3 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.398>0.1]

6562it [46:04, 2.96it/s, bound:28 nc: 10 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.397>0.1]

6563it [46:04, 3.37it/s, bound:28 nc: 8 ncall:5.2e+04 eff:12.6% logz-ratio=286.69+/-0.10 dlogz:1.396>0.1]

6564it [46:04, 4.07it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.70+/-0.10 dlogz:1.394>0.1]

6565it [46:05, 4.78it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.70+/-0.10 dlogz:1.393>0.1]

6566it [46:05, 5.27it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.70+/-0.10 dlogz:1.392>0.1]

6567it [46:05, 5.76it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.70+/-0.10 dlogz:1.391>0.1]

6568it [46:05, 6.54it/s, bound:28 nc: 4 ncall:5.2e+04 eff:12.6% logz-ratio=286.70+/-0.10 dlogz:1.389>0.1]

6570it [46:05, 7.11it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.70+/-0.10 dlogz:1.387>0.1]

6571it [46:05, 7.12it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.70+/-0.10 dlogz:1.386>0.1]

6572it [46:06, 5.60it/s, bound:28 nc: 9 ncall:5.2e+04 eff:12.6% logz-ratio=286.70+/-0.10 dlogz:1.385>0.1]

6573it [46:06, 5.88it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-ratio=286.70+/-0.10 dlogz:1.383>0.1]

6574it [46:06, 6.22it/s, bound:28 nc: 4 ncall:5.2e+04 eff:12.6% logz-ratio=286.70+/-0.10 dlogz:1.382>0.1]

6575it [46:06, 5.21it/s, bound:28 nc: 4 ncall:5.2e+04 eff:12.6% logz-ratio=286.70+/-0.10 dlogz:1.381>0.1]

6576it [46:06, 4.23it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-

ratio=286.70+/-0.10 dlogz:1.380>0.1]

6577it [46:07, 2.24it/s, bound:28 nc: 13 ncall:5.2e+04 eff:12.6% logz-
ratio=286.70+/-0.10 dlogz:1.378>0.1]

6578it [46:08, 2.43it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.70+/-0.10 dlogz:1.377>0.1]

6579it [46:08, 2.72it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.70+/-0.10 dlogz:1.376>0.1]

6580it [46:08, 3.15it/s, bound:28 nc: 8 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.375>0.1]

6581it [46:08, 3.86it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.374>0.1]

6582it [46:09, 3.31it/s, bound:28 nc: 14 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.372>0.1]

6583it [46:09, 3.98it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.371>0.1]

6584it [46:09, 4.57it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.370>0.1]

6585it [46:09, 5.23it/s, bound:28 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.369>0.1]

6586it [46:09, 6.03it/s, bound:28 nc: 4 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.368>0.1]

6587it [46:09, 6.23it/s, bound:29 nc: 4 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.366>0.1]

6589it [46:10, 7.16it/s, bound:29 nc: 4 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.364>0.1]

6591it [46:10, 6.55it/s, bound:29 nc: 8 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.362>0.1]

6592it [46:10, 4.89it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.360>0.1]

6593it [46:11, 4.16it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.359>0.1]

6594it [46:11, 3.75it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-

ratio=286.71+/-0.10 dlogz:1.358>0.1]

6595it [46:12, 2.50it/s, bound:29 nc: 10 ncall:5.2e+04 eff:12.6% logz-
ratio=286.71+/-0.10 dlogz:1.357>0.1]

6596it [46:12, 2.56it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.356>0.1]

6597it [46:12, 3.27it/s, bound:29 nc: 4 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.354>0.1]

6598it [46:12, 3.76it/s, bound:29 nc: 7 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.353>0.1]

6599it [46:12, 4.38it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.352>0.1]

6600it [46:13, 4.89it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.351>0.1]

6601it [46:13, 5.64it/s, bound:29 nc: 4 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.350>0.1]

6602it [46:13, 6.26it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.348>0.1]

6604it [46:13, 6.94it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.346>0.1]

6605it [46:13, 7.22it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.345>0.1]

6606it [46:13, 5.34it/s, bound:29 nc: 10 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.344>0.1]

6608it [46:14, 6.04it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.341>0.1]

6609it [46:14, 6.26it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.340>0.1]

6610it [46:14, 7.01it/s, bound:29 nc: 4 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.339>0.1]

6611it [46:14, 5.24it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.72+/-0.10 dlogz:1.338>0.1]

6612it [46:15, 4.25it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-

ratio=286.73+/-0.10 dlogz:1.337>0.1]

6613it [46:15, 2.67it/s, bound:29 nc: 10 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.335>0.1]

6614it [46:16, 1.96it/s, bound:29 nc: 11 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.334>0.1]

6615it [46:16, 2.55it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.333>0.1]

6616it [46:16, 2.81it/s, bound:29 nc: 10 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.332>0.1]

6617it [46:17, 3.44it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.331>0.1]

6618it [46:17, 3.42it/s, bound:29 nc: 10 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.330>0.1]

6619it [46:17, 3.62it/s, bound:29 nc: 8 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.328>0.1]

6620it [46:17, 4.19it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.327>0.1]

6621it [46:17, 4.75it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.326>0.1]

6622it [46:18, 3.83it/s, bound:29 nc: 12 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.325>0.1]

6623it [46:18, 4.40it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.324>0.1]

6624it [46:18, 4.62it/s, bound:29 nc: 3 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.322>0.1]

6625it [46:19, 3.99it/s, bound:29 nc: 5 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.321>0.1]

6626it [46:20, 2.03it/s, bound:29 nc: 15 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.320>0.1]

6627it [46:20, 2.58it/s, bound:29 nc: 2 ncall:5.2e+04 eff:12.6% logz-
ratio=286.73+/-0.10 dlogz:1.319>0.1]

6628it [46:20, 2.69it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-

ratio=286.73+/-0.10 dlogz:1.318>0.1]

6629it [46:20, 3.21it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.317>0.1]

6630it [46:20, 3.54it/s, bound:29 nc: 9 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.315>0.1]

6631it [46:21, 3.15it/s, bound:29 nc: 14 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.314>0.1]

6632it [46:21, 3.25it/s, bound:29 nc: 7 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.313>0.1]

6634it [46:21, 4.14it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.311>0.1]

6635it [46:22, 4.22it/s, bound:29 nc: 7 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.310>0.1]

6636it [46:22, 4.79it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.308>0.1]

6637it [46:22, 5.32it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.307>0.1]

6638it [46:22, 5.69it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.306>0.1]

6639it [46:22, 6.09it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.305>0.1]

6640it [46:22, 5.43it/s, bound:29 nc: 7 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.304>0.1]

6641it [46:22, 6.01it/s, bound:29 nc: 4 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.303>0.1]

6642it [46:23, 6.55it/s, bound:29 nc: 4 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.302>0.1]

6643it [46:23, 5.19it/s, bound:29 nc: 9 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.300>0.1]

6644it [46:23, 5.57it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.74+/-0.10 dlogz:1.299>0.1]

6645it [46:23, 5.78it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-

ratio=286.74+/-0.10 dlogz:1.298>0.1]

6646it [46:23, 5.25it/s, bound:29 nc: 7 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.297>0.1]

6647it [46:24, 4.63it/s, bound:29 nc: 10 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.296>0.1]

6648it [46:24, 5.17it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.295>0.1]

6649it [46:24, 5.58it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.293>0.1]

6650it [46:25, 2.99it/s, bound:29 nc: 10 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.292>0.1]

6651it [46:25, 3.00it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.291>0.1]

6652it [46:25, 3.03it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.290>0.1]

6653it [46:25, 3.65it/s, bound:29 nc: 2 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.289>0.1]

6654it [46:26, 3.43it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.288>0.1]

6655it [46:26, 2.99it/s, bound:29 nc: 9 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.287>0.1]

6656it [46:26, 3.73it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.285>0.1]

6657it [46:26, 4.37it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.284>0.1]

6658it [46:27, 5.14it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.283>0.1]

6659it [46:27, 5.69it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.282>0.1]

6660it [46:27, 4.85it/s, bound:29 nc: 10 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.281>0.1]

6661it [46:27, 4.83it/s, bound:29 nc: 7 ncall:5.3e+04 eff:12.6% logz-

ratio=286.75+/-0.10 dlogz:1.280>0.1]

6662it [46:27, 5.32it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.75+/-0.10 dlogz:1.279>0.1]

6663it [46:27, 5.71it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.277>0.1]

6664it [46:28, 4.96it/s, bound:29 nc: 9 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.276>0.1]

6665it [46:28, 5.41it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.275>0.1]

6666it [46:28, 6.17it/s, bound:29 nc: 4 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.274>0.1]

6667it [46:28, 4.76it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.273>0.1]

6668it [46:29, 4.78it/s, bound:29 nc: 3 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.272>0.1]

6669it [46:29, 4.43it/s, bound:29 nc: 4 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.271>0.1]

6670it [46:29, 4.38it/s, bound:29 nc: 3 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.269>0.1]

6671it [46:29, 3.51it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.268>0.1]

6672it [46:30, 2.25it/s, bound:29 nc: 10 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.267>0.1]

6673it [46:31, 2.32it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.266>0.1]

6674it [46:31, 1.81it/s, bound:29 nc: 10 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.265>0.1]

6675it [46:32, 1.99it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.264>0.1]

6676it [46:32, 2.08it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-ratio=286.76+/-0.10 dlogz:1.263>0.1]

6677it [46:33, 2.14it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-

ratio=286.76+/-0.10 dlogz:1.262>0.1]

6678it [46:33, 2.24it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-
ratio=286.76+/-0.10 dlogz:1.260>0.1]

6679it [46:34, 2.36it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-
ratio=286.76+/-0.10 dlogz:1.259>0.1]

6680it [46:34, 2.43it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.6% logz-
ratio=286.76+/-0.10 dlogz:1.258>0.1]

6681it [46:35, 2.10it/s, bound:29 nc: 8 ncall:5.3e+04 eff:12.6% logz-
ratio=286.77+/-0.10 dlogz:1.257>0.1]

6682it [46:35, 2.30it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.256>0.1]

6683it [46:35, 2.86it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.255>0.1]

6684it [46:35, 3.54it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.254>0.1]

6685it [46:35, 4.22it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.253>0.1]

6686it [46:35, 4.77it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.251>0.1]

6687it [46:36, 5.27it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.250>0.1]

6688it [46:36, 5.75it/s, bound:29 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.249>0.1]

6689it [46:36, 4.86it/s, bound:29 nc: 10 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.248>0.1]

6690it [46:36, 4.92it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.247>0.1]

6691it [46:36, 5.50it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.246>0.1]

6692it [46:36, 5.96it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.259>0.1]

6693it [46:37, 6.22it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-

ratio=286.77+/-0.10 dlogz:1.258>0.1]

6694it [46:37, 6.05it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.257>0.1]

6695it [46:37, 4.66it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.256>0.1]

6696it [46:37, 3.96it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.254>0.1]

6697it [46:38, 3.62it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.77+/-0.10 dlogz:1.253>0.1]

6698it [46:38, 3.68it/s, bound:30 nc: 4 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.252>0.1]

6699it [46:38, 4.26it/s, bound:30 nc: 2 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.251>0.1]

6700it [46:38, 3.81it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.250>0.1]

6701it [46:39, 3.68it/s, bound:30 nc: 4 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.249>0.1]

6702it [46:39, 3.41it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.248>0.1]

6703it [46:39, 3.27it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.247>0.1]

6704it [46:40, 3.53it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.246>0.1]

6705it [46:40, 4.30it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.244>0.1]

6706it [46:40, 5.15it/s, bound:30 nc: 4 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.243>0.1]

6707it [46:40, 5.77it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.242>0.1]

6708it [46:40, 6.32it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.241>0.1]

6710it [46:41, 5.23it/s, bound:30 nc: 15 ncall:5.3e+04 eff:12.7% logz-

ratio=286.78+/-0.10 dlogz:1.239>0.1]

6711it [46:41, 5.58it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.238>0.1]

6712it [46:41, 5.96it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.237>0.1]

6713it [46:42, 2.88it/s, bound:30 nc: 13 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.236>0.1]

6714it [46:42, 2.20it/s, bound:30 nc: 10 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.234>0.1]

6715it [46:43, 2.38it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.78+/-0.10 dlogz:1.233>0.1]

6716it [46:43, 2.68it/s, bound:30 nc: 4 ncall:5.3e+04 eff:12.7% logz-
ratio=286.79+/-0.10 dlogz:1.232>0.1]

6717it [46:43, 2.78it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.79+/-0.10 dlogz:1.231>0.1]

6718it [46:44, 3.07it/s, bound:30 nc: 3 ncall:5.3e+04 eff:12.7% logz-
ratio=286.79+/-0.10 dlogz:1.230>0.1]

6719it [46:44, 2.90it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.79+/-0.10 dlogz:1.229>0.1]

6720it [46:44, 3.29it/s, bound:30 nc: 3 ncall:5.3e+04 eff:12.7% logz-
ratio=286.79+/-0.10 dlogz:1.228>0.1]

6721it [46:45, 2.97it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.79+/-0.10 dlogz:1.227>0.1]

6722it [46:45, 2.87it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.79+/-0.10 dlogz:1.226>0.1]

6723it [46:46, 2.36it/s, bound:30 nc: 10 ncall:5.3e+04 eff:12.7% logz-
ratio=286.79+/-0.10 dlogz:1.225>0.1]

6724it [46:46, 2.76it/s, bound:30 nc: 9 ncall:5.3e+04 eff:12.7% logz-
ratio=286.79+/-0.10 dlogz:1.223>0.1]

6725it [46:46, 3.37it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.79+/-0.10 dlogz:1.222>0.1]

6726it [46:46, 4.03it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-

ratio=286.79+/-0.10 dlogz:1.221>0.1]

6727it [46:46, 4.76it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.79+/-0.10 dlogz:1.220>0.1]

6729it [46:46, 5.55it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.79+/-0.10 dlogz:1.218>0.1]

6730it [46:47, 5.31it/s, bound:30 nc: 7 ncall:5.3e+04 eff:12.7% logz-ratio=286.79+/-0.10 dlogz:1.217>0.1]

6731it [46:47, 4.76it/s, bound:30 nc: 9 ncall:5.3e+04 eff:12.7% logz-ratio=286.79+/-0.10 dlogz:1.216>0.1]

6732it [46:47, 4.73it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.79+/-0.10 dlogz:1.215>0.1]

6733it [46:48, 3.91it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.79+/-0.10 dlogz:1.214>0.1]

6734it [46:48, 3.39it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.213>0.1]

6735it [46:48, 3.14it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.212>0.1]

6736it [46:49, 3.28it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.210>0.1]

6737it [46:49, 4.06it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.209>0.1]

6738it [46:49, 3.98it/s, bound:30 nc: 10 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.208>0.1]

6739it [46:49, 4.66it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.207>0.1]

6740it [46:49, 4.53it/s, bound:30 nc: 9 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.206>0.1]

6741it [46:49, 5.19it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.205>0.1]

6742it [46:50, 5.64it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.204>0.1]

6743it [46:50, 5.98it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-

ratio=286.80+/-0.10 dlogz:1.203>0.1]

6744it [46:50, 6.29it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.202>0.1]

6745it [46:50, 6.51it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.201>0.1]

6746it [46:51, 3.40it/s, bound:30 nc: 9 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.200>0.1]

6747it [46:51, 3.26it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.199>0.1]

6748it [46:51, 3.60it/s, bound:30 nc: 3 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.197>0.1]

6749it [46:51, 3.39it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.196>0.1]

6750it [46:52, 3.57it/s, bound:30 nc: 10 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.195>0.1]

6751it [46:52, 3.80it/s, bound:30 nc: 8 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.194>0.1]

6752it [46:52, 4.46it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.80+/-0.10 dlogz:1.193>0.1]

6753it [46:52, 5.25it/s, bound:30 nc: 4 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.192>0.1]

6754it [46:52, 5.75it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.191>0.1]

6755it [46:52, 6.55it/s, bound:30 nc: 4 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.190>0.1]

6756it [46:53, 5.22it/s, bound:30 nc: 9 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.189>0.1]

6757it [46:53, 6.06it/s, bound:30 nc: 4 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.188>0.1]

6758it [46:53, 6.59it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.187>0.1]

6759it [46:53, 4.87it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-

ratio=286.81+/-0.10 dlogz:1.186>0.1]

6760it [46:54, 3.99it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.185>0.1]

6761it [46:54, 3.66it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.184>0.1]

6762it [46:54, 3.70it/s, bound:30 nc: 4 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.183>0.1]

6763it [46:54, 3.79it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.181>0.1]

6765it [46:55, 4.68it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.179>0.1]

6766it [46:55, 4.41it/s, bound:30 nc: 10 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.178>0.1]

6767it [46:55, 4.97it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.177>0.1]

6768it [46:55, 4.43it/s, bound:30 nc: 10 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.176>0.1]

6769it [46:55, 5.07it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.175>0.1]

6770it [46:56, 5.52it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.174>0.1]

6771it [46:56, 6.19it/s, bound:30 nc: 4 ncall:5.3e+04 eff:12.7% logz-ratio=286.81+/-0.10 dlogz:1.173>0.1]

6772it [46:57, 2.72it/s, bound:30 nc: 15 ncall:5.3e+04 eff:12.7% logz-ratio=286.82+/-0.10 dlogz:1.172>0.1]

6773it [46:57, 2.14it/s, bound:30 nc: 10 ncall:5.3e+04 eff:12.7% logz-ratio=286.82+/-0.10 dlogz:1.171>0.1]

6774it [46:57, 2.67it/s, bound:30 nc: 4 ncall:5.3e+04 eff:12.7% logz-ratio=286.82+/-0.10 dlogz:1.170>0.1]

6776it [46:58, 3.43it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-ratio=286.82+/-0.10 dlogz:1.168>0.1]

6777it [46:58, 4.18it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-

ratio=286.82+/-0.10 dlogz:1.167>0.1]

6778it [46:58, 3.96it/s, bound:30 nc: 10 ncall:5.3e+04 eff:12.7% logz-
ratio=286.82+/-0.10 dlogz:1.166>0.1]

6779it [46:58, 4.71it/s, bound:30 nc: 4 ncall:5.3e+04 eff:12.7% logz-
ratio=286.82+/-0.10 dlogz:1.165>0.1]

6780it [46:58, 4.25it/s, bound:30 nc: 10 ncall:5.3e+04 eff:12.7% logz-
ratio=286.82+/-0.10 dlogz:1.163>0.1]

6781it [46:59, 4.19it/s, bound:30 nc: 8 ncall:5.3e+04 eff:12.7% logz-
ratio=286.82+/-0.10 dlogz:1.162>0.1]

6782it [46:59, 4.74it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.82+/-0.10 dlogz:1.161>0.1]

6783it [46:59, 4.28it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.82+/-0.10 dlogz:1.160>0.1]

6784it [47:00, 2.96it/s, bound:30 nc: 8 ncall:5.3e+04 eff:12.7% logz-
ratio=286.82+/-0.10 dlogz:1.159>0.1]

6785it [47:00, 2.97it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.82+/-0.10 dlogz:1.158>0.1]

6786it [47:00, 3.18it/s, bound:30 nc: 4 ncall:5.3e+04 eff:12.7% logz-
ratio=286.82+/-0.10 dlogz:1.157>0.1]

6787it [47:01, 3.15it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.82+/-0.10 dlogz:1.156>0.1]

6788it [47:01, 3.12it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.82+/-0.10 dlogz:1.155>0.1]

6789it [47:01, 3.12it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.82+/-0.10 dlogz:1.154>0.1]

6790it [47:01, 3.47it/s, bound:30 nc: 3 ncall:5.3e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.153>0.1]

6791it [47:02, 3.33it/s, bound:30 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.152>0.1]

6792it [47:02, 3.60it/s, bound:30 nc: 9 ncall:5.3e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.151>0.1]

6793it [47:02, 3.98it/s, bound:30 nc: 7 ncall:5.3e+04 eff:12.7% logz-

ratio=286.83+/-0.10 dlogz:1.150>0.1]

6794it [47:02, 4.36it/s, bound:31 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.149>0.1]

6795it [47:03, 5.14it/s, bound:31 nc: 4 ncall:5.3e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.148>0.1]

6796it [47:03, 4.75it/s, bound:31 nc: 8 ncall:5.3e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.147>0.1]

6797it [47:03, 5.27it/s, bound:31 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.146>0.1]

6798it [47:03, 5.74it/s, bound:31 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.145>0.1]

6799it [47:03, 6.15it/s, bound:31 nc: 5 ncall:5.3e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.144>0.1]

6800it [47:03, 5.52it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.143>0.1]

6801it [47:04, 2.95it/s, bound:31 nc: 10 ncall:5.4e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.142>0.1]

6802it [47:04, 3.33it/s, bound:31 nc: 3 ncall:5.4e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.140>0.1]

6803it [47:05, 2.79it/s, bound:31 nc: 8 ncall:5.4e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.139>0.1]

6805it [47:05, 3.57it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.137>0.1]

6806it [47:05, 3.65it/s, bound:31 nc: 10 ncall:5.4e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.136>0.1]

6807it [47:05, 3.87it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.135>0.1]

6808it [47:06, 4.21it/s, bound:31 nc: 6 ncall:5.4e+04 eff:12.7% logz-
ratio=286.83+/-0.10 dlogz:1.134>0.1]

6809it [47:06, 4.99it/s, bound:31 nc: 4 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.133>0.1]

6810it [47:06, 5.40it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-

ratio=286.84+/-0.10 dlogz:1.132>0.1]

6811it [47:06, 5.08it/s, bound:31 nc: 7 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.131>0.1]

6812it [47:07, 2.55it/s, bound:31 nc: 12 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.130>0.1]

6813it [47:08, 2.32it/s, bound:31 nc: 7 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.129>0.1]

6814it [47:08, 2.60it/s, bound:31 nc: 3 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.128>0.1]

6815it [47:08, 2.87it/s, bound:31 nc: 3 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.127>0.1]

6816it [47:08, 2.93it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.126>0.1]

6817it [47:09, 2.23it/s, bound:31 nc: 10 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.125>0.1]

6818it [47:10, 2.23it/s, bound:31 nc: 15 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.124>0.1]

6819it [47:10, 2.82it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.123>0.1]

6820it [47:10, 3.41it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.122>0.1]

6821it [47:10, 4.07it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.121>0.1]

6822it [47:10, 4.57it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.120>0.1]

6823it [47:10, 4.32it/s, bound:31 nc: 9 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.119>0.1]

6824it [47:10, 5.19it/s, bound:31 nc: 4 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.118>0.1]

6825it [47:11, 5.55it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.117>0.1]

6826it [47:11, 4.60it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-

ratio=286.84+/-0.10 dlogz:1.116>0.1]

6827it [47:12, 2.69it/s, bound:31 nc: 10 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.115>0.1]

6828it [47:12, 2.79it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.84+/-0.10 dlogz:1.114>0.1]

6829it [47:12, 2.87it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.113>0.1]

6830it [47:13, 2.93it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.112>0.1]

6831it [47:13, 3.55it/s, bound:31 nc: 2 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.111>0.1]

6832it [47:13, 3.41it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.110>0.1]

6833it [47:14, 2.41it/s, bound:31 nc: 15 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.109>0.1]

6834it [47:14, 3.08it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.108>0.1]

6835it [47:14, 3.76it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.107>0.1]

6836it [47:14, 4.43it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.106>0.1]

6837it [47:14, 5.06it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.105>0.1]

6838it [47:15, 4.28it/s, bound:31 nc: 10 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.104>0.1]

6839it [47:15, 4.82it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.103>0.1]

6840it [47:15, 5.34it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.102>0.1]

6841it [47:16, 2.08it/s, bound:31 nc: 20 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.101>0.1]

6842it [47:17, 2.04it/s, bound:31 nc: 8 ncall:5.4e+04 eff:12.7% logz-

ratio=286.85+/-0.10 dlogz:1.100>0.1]

6843it [47:17, 2.37it/s, bound:31 nc: 10 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.099>0.1]

6844it [47:17, 2.80it/s, bound:31 nc: 7 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.098>0.1]

6845it [47:17, 3.44it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.097>0.1]

6846it [47:17, 4.07it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.096>0.1]

6847it [47:17, 4.76it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.85+/-0.10 dlogz:1.095>0.1]

6848it [47:18, 4.37it/s, bound:31 nc: 10 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.093>0.1]

6849it [47:18, 4.87it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.092>0.1]

6850it [47:18, 5.52it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.091>0.1]

6851it [47:18, 4.58it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.090>0.1]

6852it [47:19, 3.99it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.089>0.1]

6853it [47:19, 3.61it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.088>0.1]

6854it [47:20, 2.74it/s, bound:31 nc: 9 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.087>0.1]

6855it [47:20, 3.45it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.086>0.1]

6856it [47:20, 4.17it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.085>0.1]

6857it [47:20, 4.80it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.084>0.1]

6858it [47:20, 5.34it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-

ratio=286.86+/-0.10 dlogz:1.083>0.1]

6859it [47:20, 5.73it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.082>0.1]

6860it [47:20, 6.23it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.081>0.1]

6861it [47:20, 6.54it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.081>0.1]

6862it [47:21, 7.18it/s, bound:31 nc: 4 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.080>0.1]

6863it [47:21, 7.11it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.079>0.1]

6864it [47:21, 7.13it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.078>0.1]

6865it [47:21, 7.35it/s, bound:31 nc: 4 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.077>0.1]

6866it [47:21, 5.74it/s, bound:31 nc: 4 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.076>0.1]

6867it [47:21, 5.93it/s, bound:31 nc: 2 ncall:5.4e+04 eff:12.7% logz-
ratio=286.86+/-0.10 dlogz:1.075>0.1]

6868it [47:22, 4.61it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.074>0.1]

6869it [47:23, 2.14it/s, bound:31 nc: 15 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.073>0.1]

6870it [47:23, 1.93it/s, bound:31 nc: 9 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.072>0.1]

6871it [47:24, 2.18it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.071>0.1]

6872it [47:24, 2.29it/s, bound:31 nc: 10 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.070>0.1]

6873it [47:24, 2.93it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.069>0.1]

6874it [47:24, 3.39it/s, bound:31 nc: 7 ncall:5.4e+04 eff:12.7% logz-

ratio=286.87+/-0.10 dlogz:1.068>0.1]

6875it [47:25, 3.68it/s, bound:31 nc: 7 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.067>0.1]

6876it [47:25, 4.31it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.066>0.1]

6877it [47:25, 4.87it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.065>0.1]

6878it [47:25, 5.36it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.064>0.1]

6879it [47:25, 5.70it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.063>0.1]

6881it [47:26, 4.93it/s, bound:31 nc: 10 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.061>0.1]

6882it [47:26, 4.11it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.060>0.1]

6883it [47:26, 3.69it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.059>0.1]

6884it [47:27, 3.47it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.058>0.1]

6885it [47:27, 3.35it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.057>0.1]

6886it [47:27, 3.25it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.056>0.1]

6887it [47:28, 3.17it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.87+/-0.10 dlogz:1.055>0.1]

6888it [47:28, 3.12it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.88+/-0.10 dlogz:1.054>0.1]

6889it [47:29, 2.82it/s, bound:31 nc: 10 ncall:5.4e+04 eff:12.7% logz-
ratio=286.88+/-0.10 dlogz:1.053>0.1]

6890it [47:29, 3.55it/s, bound:31 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.88+/-0.10 dlogz:1.052>0.1]

6891it [47:29, 3.89it/s, bound:31 nc: 7 ncall:5.4e+04 eff:12.7% logz-

ratio=286.88+/-0.10 dlogz:1.051>0.1]

6892it [47:29, 4.35it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.88+/-0.10 dlogz:1.050>0.1]

6893it [47:29, 4.94it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.88+/-0.10 dlogz:1.049>0.1]

6894it [47:29, 5.44it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.88+/-0.10 dlogz:1.048>0.1]

6895it [47:29, 5.87it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.88+/-0.10 dlogz:1.047>0.1]

6897it [47:30, 6.63it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.7% logz-
ratio=286.88+/-0.10 dlogz:1.045>0.1]

6899it [47:30, 7.25it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.88+/-0.10 dlogz:1.043>0.1]

6900it [47:31, 3.33it/s, bound:32 nc: 10 ncall:5.4e+04 eff:12.8% logz-
ratio=286.88+/-0.10 dlogz:1.042>0.1]

6901it [47:31, 3.24it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.88+/-0.10 dlogz:1.041>0.1]

6902it [47:31, 3.39it/s, bound:32 nc: 4 ncall:5.4e+04 eff:12.8% logz-
ratio=286.88+/-0.10 dlogz:1.040>0.1]

6903it [47:31, 3.16it/s, bound:32 nc: 8 ncall:5.4e+04 eff:12.8% logz-
ratio=286.88+/-0.10 dlogz:1.039>0.1]

6904it [47:32, 3.92it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.88+/-0.10 dlogz:1.038>0.1]

6905it [47:32, 3.54it/s, bound:32 nc: 11 ncall:5.4e+04 eff:12.8% logz-
ratio=286.88+/-0.10 dlogz:1.038>0.1]

6906it [47:32, 3.97it/s, bound:32 nc: 6 ncall:5.4e+04 eff:12.8% logz-
ratio=286.88+/-0.10 dlogz:1.037>0.1]

6907it [47:32, 3.86it/s, bound:32 nc: 9 ncall:5.4e+04 eff:12.8% logz-
ratio=286.88+/-0.10 dlogz:1.036>0.1]

6908it [47:33, 4.48it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.035>0.1]

6909it [47:33, 5.15it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-

ratio=286.89+/-0.10 dlogz:1.034>0.1]

6910it [47:33, 5.63it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.033>0.1]

6911it [47:33, 4.55it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.032>0.1]

6912it [47:33, 4.68it/s, bound:32 nc: 3 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.031>0.1]

6913it [47:34, 4.03it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.030>0.1]

6914it [47:34, 3.92it/s, bound:32 nc: 4 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.029>0.1]

6915it [47:34, 3.62it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.028>0.1]

6916it [47:35, 3.40it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.027>0.1]

6917it [47:35, 4.02it/s, bound:32 nc: 2 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.026>0.1]

6918it [47:35, 3.93it/s, bound:32 nc: 4 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.025>0.1]

6919it [47:36, 2.31it/s, bound:32 nc: 13 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.024>0.1]

6920it [47:36, 2.96it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.023>0.1]

6921it [47:36, 3.60it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.022>0.1]

6922it [47:36, 4.33it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.021>0.1]

6923it [47:36, 5.20it/s, bound:32 nc: 4 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.020>0.1]

6924it [47:37, 5.17it/s, bound:32 nc: 7 ncall:5.4e+04 eff:12.8% logz-
ratio=286.89+/-0.10 dlogz:1.019>0.1]

6925it [47:37, 5.62it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-

ratio=286.89+/-0.10 dlogz:1.018>0.1]

6926it [47:37, 6.11it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.89+/-0.10 dlogz:1.018>0.1]

6927it [47:37, 6.40it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.89+/-0.10 dlogz:1.017>0.1]

6928it [47:37, 6.63it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.89+/-0.10 dlogz:1.016>0.1]

6929it [47:37, 6.64it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.015>0.1]

6930it [47:37, 5.25it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.014>0.1]

6931it [47:38, 4.17it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.013>0.1]

6932it [47:38, 4.03it/s, bound:32 nc: 4 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.012>0.1]

6933it [47:38, 3.68it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.011>0.1]

6934it [47:39, 2.51it/s, bound:32 nc: 10 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.010>0.1]

6935it [47:39, 2.80it/s, bound:32 nc: 4 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.009>0.1]

6936it [47:40, 3.04it/s, bound:32 nc: 4 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.008>0.1]

6937it [47:40, 3.04it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.007>0.1]

6938it [47:40, 3.28it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.006>0.1]

6939it [47:41, 2.60it/s, bound:32 nc: 20 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.005>0.1]

6940it [47:41, 3.03it/s, bound:32 nc: 7 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.004>0.1]

6941it [47:41, 3.74it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-

ratio=286.90+/-0.10 dlogz:1.003>0.1]

6942it [47:41, 4.35it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.002>0.1]

6943it [47:41, 4.87it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.002>0.1]

6944it [47:42, 5.52it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.001>0.1]

6945it [47:42, 3.01it/s, bound:32 nc: 12 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:1.000>0.1]

6946it [47:43, 3.01it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:0.999>0.1]

6947it [47:43, 3.03it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:0.998>0.1]

6948it [47:43, 3.04it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:0.997>0.1]

6949it [47:43, 3.21it/s, bound:32 nc: 4 ncall:5.4e+04 eff:12.8% logz-ratio=286.90+/-0.10 dlogz:0.996>0.1]

6950it [47:44, 3.12it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.91+/-0.10 dlogz:0.995>0.1]

6951it [47:45, 2.30it/s, bound:32 nc: 10 ncall:5.4e+04 eff:12.8% logz-ratio=286.91+/-0.10 dlogz:0.994>0.1]

6952it [47:45, 2.81it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.91+/-0.10 dlogz:0.993>0.1]

6953it [47:45, 3.51it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.91+/-0.10 dlogz:0.992>0.1]

6954it [47:45, 4.21it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.91+/-0.10 dlogz:0.991>0.1]

6956it [47:45, 5.06it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.91+/-0.10 dlogz:0.989>0.1]

6957it [47:45, 5.66it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-ratio=286.91+/-0.10 dlogz:0.989>0.1]

6958it [47:45, 5.99it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-

ratio=286.91+/-0.10 dlogz:0.988>0.1]

6959it [47:46, 5.46it/s, bound:32 nc: 7 ncall:5.4e+04 eff:12.8% logz-
ratio=286.91+/-0.10 dlogz:0.987>0.1]

6960it [47:46, 6.08it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.91+/-0.10 dlogz:0.986>0.1]

6961it [47:46, 6.41it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.91+/-0.10 dlogz:0.985>0.1]

6962it [47:46, 6.91it/s, bound:32 nc: 4 ncall:5.4e+04 eff:12.8% logz-
ratio=286.91+/-0.10 dlogz:0.984>0.1]

6963it [47:46, 6.96it/s, bound:32 nc: 4 ncall:5.4e+04 eff:12.8% logz-
ratio=286.91+/-0.10 dlogz:0.983>0.1]

6964it [47:47, 5.03it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.91+/-0.10 dlogz:0.982>0.1]

6965it [47:47, 4.20it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.91+/-0.10 dlogz:0.981>0.1]

6966it [47:47, 3.76it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.91+/-0.10 dlogz:0.980>0.1]

6967it [47:48, 3.44it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.91+/-0.10 dlogz:0.979>0.1]

6968it [47:48, 3.96it/s, bound:32 nc: 5 ncall:5.4e+04 eff:12.8% logz-
ratio=286.91+/-0.10 dlogz:0.978>0.1]

6969it [47:48, 4.74it/s, bound:32 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.91+/-0.10 dlogz:0.978>0.1]

6970it [47:48, 5.37it/s, bound:32 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.91+/-0.10 dlogz:0.977>0.1]

6971it [47:48, 4.72it/s, bound:32 nc: 10 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.976>0.1]

6972it [47:48, 4.40it/s, bound:32 nc: 9 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.975>0.1]

6973it [47:49, 4.98it/s, bound:32 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.974>0.1]

6974it [47:49, 5.61it/s, bound:32 nc: 4 ncall:5.5e+04 eff:12.8% logz-

ratio=286.92+/-0.10 dlogz:0.973>0.1]

6976it [47:49, 6.06it/s, bound:32 nc: 7 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.971>0.1]

6977it [47:49, 4.17it/s, bound:32 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.970>0.1]

6978it [47:50, 3.79it/s, bound:32 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.969>0.1]

6979it [47:50, 3.72it/s, bound:32 nc: 4 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.968>0.1]

6980it [47:51, 2.61it/s, bound:32 nc: 9 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.968>0.1]

6981it [47:51, 2.73it/s, bound:32 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.967>0.1]

6982it [47:51, 3.17it/s, bound:32 nc: 3 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.966>0.1]

6983it [47:52, 3.08it/s, bound:32 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.965>0.1]

6984it [47:52, 2.52it/s, bound:32 nc: 10 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.964>0.1]

6986it [47:52, 3.27it/s, bound:32 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.962>0.1]

6988it [47:53, 3.79it/s, bound:32 nc: 9 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.960>0.1]

6989it [47:53, 4.51it/s, bound:32 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.959>0.1]

6990it [47:53, 5.10it/s, bound:32 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.959>0.1]

6991it [47:53, 5.59it/s, bound:32 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.958>0.1]

6992it [47:53, 5.86it/s, bound:32 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.92+/-0.10 dlogz:0.957>0.1]

6993it [47:53, 5.64it/s, bound:32 nc: 6 ncall:5.5e+04 eff:12.8% logz-

```
ratio=286.93+/-0.10 dlogz:0.956>0.1]

6994it [47:54,  5.79it/s, bound:32 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.955>0.1]

6995it [47:54,  3.38it/s, bound:32 nc:  8 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.954>0.1]

6996it [47:54,  3.20it/s, bound:32 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.953>0.1]

6997it [47:55,  3.02it/s, bound:32 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.952>0.1]

6998it [47:55,  2.96it/s, bound:32 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.951>0.1]

6999it [47:55,  3.06it/s, bound:32 nc:  4 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.950>0.1]

7000it [47:56,  2.71it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.950>0.1]

7001it [47:57,  1.96it/s, bound:33 nc: 10 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.949>0.1]

7002it [47:57,  2.02it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.948>0.1]

7003it [47:58,  1.68it/s, bound:33 nc:  9 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.947>0.1]

7004it [47:59,  1.83it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.946>0.1]

7005it [47:59,  1.99it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.945>0.1]

7006it [47:59,  2.13it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.944>0.1]

7007it [48:00,  2.23it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.943>0.1]

7008it [48:00,  2.55it/s, bound:33 nc:  3 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.942>0.1]

7009it [48:01,  2.00it/s, bound:33 nc:  9 ncall:5.5e+04 eff:12.8% logz-
```

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ratio=286.93+/-0.10 dlogz:0.942>0.1]

7010it [48:01,  2.35it/s, bound:33 nc:  3 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.941>0.1]

7011it [48:02,  1.39it/s, bound:33 nc: 18 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.940>0.1]

7012it [48:03,  1.74it/s, bound:33 nc: 10 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.939>0.1]

7013it [48:03,  2.26it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.938>0.1]

7014it [48:03,  2.84it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.93+/-0.10 dlogz:0.937>0.1]

7016it [48:03,  3.60it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.935>0.1]

7017it [48:03,  3.44it/s, bound:33 nc: 11 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.934>0.1]

7018it [48:04,  4.17it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.934>0.1]

7019it [48:04,  4.79it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.933>0.1]

7020it [48:04,  5.36it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.932>0.1]

7021it [48:04,  4.48it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.931>0.1]

7022it [48:04,  3.89it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.930>0.1]

7023it [48:05,  3.34it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.929>0.1]

7024it [48:05,  3.23it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.928>0.1]

7025it [48:05,  3.62it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.927>0.1]

7026it [48:05,  4.41it/s, bound:33 nc:  5 ncall:5.5e+04 eff:12.8% logz-
```

ratio=286.94+/-0.10 dlogz:0.927>0.1]

7027it [48:06, 5.15it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.926>0.1]

7028it [48:06, 4.57it/s, bound:33 nc: 10 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.925>0.1]

7029it [48:06, 5.16it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.924>0.1]

7030it [48:06, 5.50it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.923>0.1]

7031it [48:06, 5.83it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.922>0.1]

7032it [48:07, 4.72it/s, bound:33 nc: 10 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.921>0.1]

7033it [48:07, 3.53it/s, bound:33 nc: 10 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.920>0.1]

7034it [48:07, 3.83it/s, bound:33 nc: 3 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.920>0.1]

7035it [48:08, 3.56it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.919>0.1]

7036it [48:08, 2.68it/s, bound:33 nc: 8 ncall:5.5e+04 eff:12.8% logz-
ratio=286.94+/-0.10 dlogz:0.918>0.1]

7037it [48:09, 2.80it/s, bound:33 nc: 11 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.917>0.1]

7038it [48:09, 3.51it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.916>0.1]

7039it [48:09, 3.85it/s, bound:33 nc: 7 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.915>0.1]

7040it [48:09, 4.53it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.914>0.1]

7041it [48:09, 5.07it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.914>0.1]

7043it [48:10, 4.90it/s, bound:33 nc: 12 ncall:5.5e+04 eff:12.8% logz-

ratio=286.95+/-0.10 dlogz:0.912>0.1]

7044it [48:10, 5.46it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.911>0.1]

7045it [48:10, 3.06it/s, bound:33 nc: 10 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.910>0.1]

7046it [48:11, 3.02it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.909>0.1]

7047it [48:11, 3.20it/s, bound:33 nc: 4 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.908>0.1]

7048it [48:11, 3.36it/s, bound:33 nc: 4 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.907>0.1]

7049it [48:12, 3.34it/s, bound:33 nc: 11 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.907>0.1]

7050it [48:12, 4.04it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.906>0.1]

7051it [48:12, 4.71it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.905>0.1]

7052it [48:12, 5.25it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.904>0.1]

7053it [48:12, 4.60it/s, bound:33 nc: 10 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.903>0.1]

7054it [48:12, 5.20it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.902>0.1]

7055it [48:12, 5.77it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.901>0.1]

7056it [48:13, 6.57it/s, bound:33 nc: 4 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.901>0.1]

7057it [48:13, 6.40it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.900>0.1]

7058it [48:13, 4.78it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.95+/-0.10 dlogz:0.899>0.1]

7059it [48:13, 4.02it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-

ratio=286.95+/-0.10 dlogz:0.898>0.1]

7060it [48:14, 3.93it/s, bound:33 nc: 4 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.897>0.1]

7061it [48:14, 4.17it/s, bound:33 nc: 3 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.896>0.1]

7062it [48:14, 4.71it/s, bound:33 nc: 2 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.895>0.1]

7063it [48:14, 4.92it/s, bound:33 nc: 4 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.895>0.1]

7064it [48:14, 5.71it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.894>0.1]

7065it [48:15, 5.06it/s, bound:33 nc: 9 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.893>0.1]

7066it [48:15, 5.57it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.892>0.1]

7067it [48:15, 6.02it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.891>0.1]

7068it [48:15, 6.53it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.890>0.1]

7069it [48:15, 6.75it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.890>0.1]

7070it [48:15, 6.91it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.889>0.1]

7071it [48:15, 7.02it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.888>0.1]

7072it [48:16, 7.02it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.887>0.1]

7073it [48:16, 7.21it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.886>0.1]

7074it [48:16, 5.05it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-ratio=286.96+/-0.10 dlogz:0.885>0.1]

7075it [48:17, 3.21it/s, bound:33 nc: 8 ncall:5.5e+04 eff:12.8% logz-

ratio=286.96+/-0.10 dlogz:0.884>0.1]

7076it [48:17, 3.12it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.96+/-0.10 dlogz:0.884>0.1]

7077it [48:17, 3.75it/s, bound:33 nc: 2 ncall:5.5e+04 eff:12.8% logz-
ratio=286.96+/-0.10 dlogz:0.883>0.1]

7079it [48:17, 4.68it/s, bound:33 nc: 4 ncall:5.5e+04 eff:12.8% logz-
ratio=286.96+/-0.10 dlogz:0.881>0.1]

7080it [48:17, 5.47it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.96+/-0.10 dlogz:0.880>0.1]

7081it [48:17, 6.23it/s, bound:33 nc: 4 ncall:5.5e+04 eff:12.8% logz-
ratio=286.96+/-0.10 dlogz:0.879>0.1]

7082it [48:18, 5.38it/s, bound:33 nc: 9 ncall:5.5e+04 eff:12.8% logz-
ratio=286.96+/-0.10 dlogz:0.879>0.1]

7083it [48:18, 4.76it/s, bound:33 nc: 10 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.878>0.1]

7084it [48:18, 3.73it/s, bound:33 nc: 13 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.877>0.1]

7085it [48:18, 4.41it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.876>0.1]

7086it [48:19, 4.71it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.875>0.1]

7087it [48:19, 3.29it/s, bound:33 nc: 7 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.874>0.1]

7088it [48:19, 3.92it/s, bound:33 nc: 2 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.874>0.1]

7089it [48:20, 3.62it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.873>0.1]

7090it [48:20, 3.42it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.872>0.1]

7091it [48:20, 3.89it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.871>0.1]

7092it [48:20, 4.59it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-

ratio=286.97+/-0.10 dlogz:0.870>0.1]

7094it [48:20, 5.52it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.869>0.1]

7095it [48:21, 5.00it/s, bound:33 nc: 9 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.868>0.1]

7097it [48:21, 5.97it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.866>0.1]

7099it [48:21, 6.98it/s, bound:33 nc: 4 ncall:5.5e+04 eff:12.8% logz-
ratio=286.97+/-0.10 dlogz:0.864>0.1]

7100it [48:21, 7.17it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.9% logz-
ratio=286.97+/-0.10 dlogz:0.864>0.1]

7101it [48:21, 7.23it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.9% logz-
ratio=286.97+/-0.10 dlogz:0.863>0.1]

7102it [48:21, 7.07it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.9% logz-
ratio=286.97+/-0.10 dlogz:0.862>0.1]

7103it [48:22, 5.55it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.9% logz-
ratio=286.97+/-0.10 dlogz:0.861>0.1]

7104it [48:22, 4.46it/s, bound:33 nc: 5 ncall:5.5e+04 eff:12.9% logz-
ratio=286.97+/-0.10 dlogz:0.860>0.1]

7105it [48:22, 3.68it/s, bound:34 nc: 4 ncall:5.5e+04 eff:12.9% logz-
ratio=286.97+/-0.10 dlogz:0.859>0.1]

7106it [48:23, 3.47it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-
ratio=286.98+/-0.10 dlogz:0.859>0.1]

7107it [48:23, 3.35it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-
ratio=286.98+/-0.10 dlogz:0.858>0.1]

7108it [48:24, 2.47it/s, bound:34 nc: 9 ncall:5.5e+04 eff:12.9% logz-
ratio=286.98+/-0.10 dlogz:0.857>0.1]

7109it [48:24, 2.61it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-
ratio=286.98+/-0.10 dlogz:0.856>0.1]

7110it [48:24, 2.87it/s, bound:34 nc: 4 ncall:5.5e+04 eff:12.9% logz-
ratio=286.98+/-0.10 dlogz:0.855>0.1]

7111it [48:25, 2.94it/s, bound:34 nc: 10 ncall:5.5e+04 eff:12.9% logz-

ratio=286.98+/-0.10 dlogz:0.855>0.1]

7112it [48:25, 3.68it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.854>0.1]

7113it [48:25, 4.33it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.853>0.1]

7114it [48:25, 4.16it/s, bound:34 nc: 9 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.852>0.1]

7115it [48:25, 4.81it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.851>0.1]

7116it [48:25, 5.38it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.850>0.1]

7118it [48:26, 6.25it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.849>0.1]

7119it [48:26, 6.66it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.848>0.1]

7120it [48:26, 6.92it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.847>0.1]

7121it [48:26, 6.05it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.846>0.1]

7122it [48:26, 4.56it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.846>0.1]

7123it [48:27, 3.80it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.845>0.1]

7124it [48:27, 3.54it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.844>0.1]

7125it [48:27, 3.49it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.843>0.1]

7126it [48:28, 4.27it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.842>0.1]

7127it [48:28, 4.93it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.842>0.1]

7128it [48:28, 5.62it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-

ratio=286.98+/-0.10 dlogz:0.841>0.1]

7129it [48:28, 6.05it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.98+/-0.10 dlogz:0.840>0.1]

7130it [48:28, 6.54it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.839>0.1]

7131it [48:28, 6.89it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.838>0.1]

7132it [48:28, 6.89it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.838>0.1]

7133it [48:28, 7.13it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.837>0.1]

7134it [48:29, 7.42it/s, bound:34 nc: 4 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.836>0.1]

7135it [48:29, 4.50it/s, bound:34 nc: 12 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.835>0.1]

7136it [48:30, 2.71it/s, bound:34 nc: 10 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.834>0.1]

7137it [48:30, 2.82it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.834>0.1]

7138it [48:30, 3.03it/s, bound:34 nc: 4 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.833>0.1]

7139it [48:30, 3.78it/s, bound:34 nc: 3 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.832>0.1]

7140it [48:31, 4.60it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.831>0.1]

7141it [48:31, 5.28it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.830>0.1]

7142it [48:31, 5.82it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.830>0.1]

7143it [48:31, 5.50it/s, bound:34 nc: 7 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.829>0.1]

7144it [48:31, 6.09it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-

ratio=286.99+/-0.10 dlogz:0.828>0.1]

7145it [48:31, 6.54it/s, bound:34 nc: 5 ncall:5.5e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.827>0.1]

7146it [48:32, 4.14it/s, bound:34 nc: 15 ncall:5.6e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.826>0.1]

7147it [48:32, 4.70it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.826>0.1]

7148it [48:32, 4.11it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.825>0.1]

7149it [48:32, 4.01it/s, bound:34 nc: 4 ncall:5.6e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.824>0.1]

7150it [48:33, 3.96it/s, bound:34 nc: 4 ncall:5.6e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.823>0.1]

7151it [48:33, 3.63it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.822>0.1]

7152it [48:33, 3.46it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.822>0.1]

7153it [48:34, 3.94it/s, bound:34 nc: 7 ncall:5.6e+04 eff:12.9% logz-ratio=286.99+/-0.10 dlogz:0.821>0.1]

7154it [48:34, 4.69it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.820>0.1]

7155it [48:34, 5.03it/s, bound:34 nc: 3 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.819>0.1]

7156it [48:34, 5.84it/s, bound:34 nc: 4 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.818>0.1]

7157it [48:34, 6.33it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.818>0.1]

7158it [48:34, 6.61it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.817>0.1]

7160it [48:34, 7.17it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.815>0.1]

7161it [48:35, 7.08it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-

ratio=287.00+/-0.10 dlogz:0.815>0.1]

7162it [48:35, 7.23it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.814>0.1]

7163it [48:35, 4.53it/s, bound:34 nc: 9 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.813>0.1]

7164it [48:35, 3.96it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.812>0.1]

7165it [48:36, 3.60it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.811>0.1]

7166it [48:36, 2.67it/s, bound:34 nc: 10 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.811>0.1]

7167it [48:36, 3.39it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.810>0.1]

7168it [48:37, 4.01it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.809>0.1]

7169it [48:37, 3.97it/s, bound:34 nc: 9 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.808>0.1]

7170it [48:37, 4.72it/s, bound:34 nc: 4 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.807>0.1]

7171it [48:37, 5.21it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.807>0.1]

7172it [48:37, 5.66it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.806>0.1]

7173it [48:37, 6.08it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.805>0.1]

7175it [48:38, 6.92it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.804>0.1]

7176it [48:38, 6.86it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.803>0.1]

7177it [48:38, 5.19it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.00+/-0.10 dlogz:0.802>0.1]

7178it [48:38, 4.25it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-

ratio=287.00+/-0.10 dlogz:0.801>0.1]

7179it [48:39, 4.39it/s, bound:34 nc: 3 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.801>0.1]

7180it [48:39, 3.80it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.800>0.1]

7181it [48:40, 2.43it/s, bound:34 nc: 10 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.799>0.1]

7182it [48:40, 2.69it/s, bound:34 nc: 4 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.798>0.1]

7183it [48:40, 2.79it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.797>0.1]

7184it [48:41, 2.86it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.797>0.1]

7185it [48:41, 3.45it/s, bound:34 nc: 4 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.796>0.1]

7186it [48:41, 3.72it/s, bound:34 nc: 9 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.795>0.1]

7187it [48:41, 4.45it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.794>0.1]

7188it [48:41, 5.00it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.794>0.1]

7189it [48:42, 4.69it/s, bound:34 nc: 8 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.793>0.1]

7190it [48:42, 5.21it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.792>0.1]

7191it [48:42, 4.75it/s, bound:34 nc: 9 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.791>0.1]

7192it [48:42, 5.37it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.791>0.1]

7193it [48:42, 5.82it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.790>0.1]

7194it [48:42, 4.73it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-

ratio=287.01+/-0.10 dlogz:0.789>0.1]

7195it [48:43, 4.06it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.788>0.1]

7196it [48:43, 3.07it/s, bound:34 nc: 7 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.787>0.1]

7197it [48:44, 2.94it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.787>0.1]

7199it [48:44, 3.79it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.785>0.1]

7200it [48:44, 4.24it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.784>0.1]

7201it [48:44, 4.87it/s, bound:34 nc: 4 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.784>0.1]

7202it [48:44, 4.92it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.783>0.1]

7203it [48:45, 4.28it/s, bound:34 nc: 10 ncall:5.6e+04 eff:12.9% logz-
ratio=287.01+/-0.10 dlogz:0.782>0.1]

7204it [48:45, 4.85it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.781>0.1]

7206it [48:45, 5.61it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.780>0.1]

7207it [48:45, 5.56it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.779>0.1]

7208it [48:45, 4.85it/s, bound:34 nc: 4 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.778>0.1]

7209it [48:46, 2.98it/s, bound:34 nc: 9 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.778>0.1]

7210it [48:46, 3.01it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.777>0.1]

7211it [48:47, 3.00it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.776>0.1]

7212it [48:47, 2.57it/s, bound:34 nc: 7 ncall:5.6e+04 eff:12.9% logz-

ratio=287.02+/-0.10 dlogz:0.775>0.1]

7213it [48:48, 2.83it/s, bound:34 nc: 4 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.775>0.1]

7214it [48:48, 2.87it/s, bound:34 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.774>0.1]

7215it [48:48, 3.06it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.773>0.1]

7216it [48:48, 3.81it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.772>0.1]

7217it [48:48, 4.61it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.772>0.1]

7218it [48:49, 5.27it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.771>0.1]

7219it [48:49, 3.57it/s, bound:35 nc: 17 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.770>0.1]

7220it [48:49, 4.25it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.769>0.1]

7221it [48:49, 4.85it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.769>0.1]

7222it [48:49, 5.29it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.768>0.1]

7223it [48:50, 5.79it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.767>0.1]

7224it [48:50, 3.06it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.766>0.1]

7225it [48:51, 3.20it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.766>0.1]

7226it [48:51, 3.12it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.765>0.1]

7227it [48:51, 3.42it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.02+/-0.10 dlogz:0.764>0.1]

7228it [48:51, 4.17it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-

ratio=287.02+/-0.10 dlogz:0.763>0.1]

7229it [48:51, 4.44it/s, bound:35 nc: 7 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.763>0.1]

7230it [48:52, 5.14it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.762>0.1]

7231it [48:52, 5.57it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.761>0.1]

7232it [48:52, 5.92it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.761>0.1]

7234it [48:52, 6.81it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.759>0.1]

7235it [48:52, 5.16it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.758>0.1]

7236it [48:52, 5.80it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.758>0.1]

7237it [48:53, 5.61it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.757>0.1]

7238it [48:53, 4.47it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.756>0.1]

7239it [48:53, 3.85it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.755>0.1]

7240it [48:54, 2.54it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.755>0.1]

7241it [48:54, 2.66it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.754>0.1]

7242it [48:55, 2.05it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.753>0.1]

7243it [48:55, 2.28it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.752>0.1]

7244it [48:56, 2.45it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.752>0.1]

7245it [48:56, 2.73it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-

ratio=287.03+/-0.10 dlogz:0.751>0.1]

7246it [48:57, 2.26it/s, bound:35 nc: 9 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.750>0.1]

7247it [48:57, 2.56it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.750>0.1]

7248it [48:57, 3.29it/s, bound:35 nc: 3 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.749>0.1]

7249it [48:57, 4.06it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.748>0.1]

7250it [48:57, 3.95it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.747>0.1]

7251it [48:58, 4.74it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.747>0.1]

7253it [48:58, 4.89it/s, bound:35 nc: 12 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.745>0.1]

7254it [48:58, 5.72it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-ratio=287.03+/-0.10 dlogz:0.744>0.1]

7255it [48:58, 4.84it/s, bound:35 nc: 9 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.744>0.1]

7256it [48:58, 5.33it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.743>0.1]

7257it [48:59, 4.54it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.742>0.1]

7258it [48:59, 3.92it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.742>0.1]

7259it [49:00, 2.24it/s, bound:35 nc: 13 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.741>0.1]

7260it [49:00, 2.90it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.740>0.1]

7262it [49:00, 3.67it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.739>0.1]

7264it [49:01, 4.11it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-

ratio=287.04+/-0.10 dlogz:0.737>0.1]

7265it [49:01, 4.92it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.737>0.1]

7266it [49:01, 4.79it/s, bound:35 nc: 7 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.736>0.1]

7267it [49:01, 5.32it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.735>0.1]

7268it [49:01, 5.64it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.734>0.1]

7270it [49:01, 6.49it/s, bound:35 nc: 3 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.733>0.1]

7271it [49:02, 3.16it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.732>0.1]

7272it [49:02, 3.29it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.732>0.1]

7273it [49:03, 2.35it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.731>0.1]

7274it [49:03, 2.65it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.730>0.1]

7275it [49:04, 1.82it/s, bound:35 nc: 13 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.729>0.1]

7276it [49:04, 2.41it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.729>0.1]

7277it [49:05, 3.09it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.728>0.1]

7278it [49:05, 3.36it/s, bound:35 nc: 8 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.727>0.1]

7280it [49:05, 4.01it/s, bound:35 nc: 9 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.726>0.1]

7281it [49:05, 4.85it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-ratio=287.04+/-0.10 dlogz:0.725>0.1]

7282it [49:05, 5.30it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-

ratio=287.05+/-0.10 dlogz:0.724>0.1]

7283it [49:05, 5.79it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.724>0.1]

7284it [49:06, 6.16it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.723>0.1]

7285it [49:06, 4.35it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.722>0.1]

7286it [49:07, 2.70it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.722>0.1]

7287it [49:07, 2.80it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.721>0.1]

7288it [49:07, 2.91it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.720>0.1]

7290it [49:08, 3.71it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.719>0.1]

7291it [49:08, 4.50it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.718>0.1]

7292it [49:08, 4.16it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.717>0.1]

7293it [49:08, 4.78it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.717>0.1]

7294it [49:08, 4.33it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.716>0.1]

7295it [49:08, 4.98it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.715>0.1]

7296it [49:09, 5.42it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.715>0.1]

7297it [49:09, 5.78it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.714>0.1]

7298it [49:09, 5.44it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.713>0.1]

7299it [49:09, 5.23it/s, bound:35 nc: 3 ncall:5.6e+04 eff:12.9% logz-

ratio=287.05+/-0.10 dlogz:0.713>0.1]

7300it [49:09, 4.29it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.712>0.1]

7301it [49:10, 2.69it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.711>0.1]

7302it [49:10, 3.25it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.710>0.1]

7303it [49:10, 3.96it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.710>0.1]

7305it [49:11, 4.22it/s, bound:35 nc: 13 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.708>0.1]

7306it [49:11, 3.91it/s, bound:35 nc: 10 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.708>0.1]

7307it [49:11, 4.52it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.707>0.1]

7308it [49:11, 5.23it/s, bound:35 nc: 5 ncall:5.6e+04 eff:12.9% logz-
ratio=287.05+/-0.10 dlogz:0.706>0.1]

7309it [49:12, 6.07it/s, bound:35 nc: 4 ncall:5.6e+04 eff:12.9% logz-
ratio=287.06+/-0.10 dlogz:0.706>0.1]

7310it [49:12, 6.82it/s, bound:35 nc: 4 ncall:5.6e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.705>0.1]

7311it [49:12, 6.48it/s, bound:35 nc: 5 ncall:5.6e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.704>0.1]

7312it [49:12, 4.87it/s, bound:35 nc: 5 ncall:5.6e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.704>0.1]

7313it [49:12, 4.13it/s, bound:35 nc: 5 ncall:5.6e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.703>0.1]

7314it [49:13, 3.71it/s, bound:35 nc: 5 ncall:5.6e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.702>0.1]

7315it [49:13, 3.48it/s, bound:35 nc: 5 ncall:5.6e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.701>0.1]

7316it [49:13, 3.98it/s, bound:35 nc: 5 ncall:5.6e+04 eff:13.0% logz-

ratio=287.06+/-0.10 dlogz:0.701>0.1]

7317it [49:13, 4.57it/s, bound:36 nc: 5 ncall:5.6e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.700>0.1]

7318it [49:14, 5.23it/s, bound:36 nc: 5 ncall:5.6e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.699>0.1]

7319it [49:14, 5.91it/s, bound:36 nc: 5 ncall:5.6e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.699>0.1]

7320it [49:14, 5.76it/s, bound:36 nc: 6 ncall:5.6e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.698>0.1]

7321it [49:14, 6.04it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.697>0.1]

7322it [49:14, 6.47it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.697>0.1]

7323it [49:14, 6.88it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.696>0.1]

7324it [49:14, 7.01it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.695>0.1]

7325it [49:15, 5.66it/s, bound:36 nc: 8 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.695>0.1]

7326it [49:15, 5.19it/s, bound:36 nc: 4 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.694>0.1]

7327it [49:15, 4.29it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.693>0.1]

7328it [49:16, 3.80it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.693>0.1]

7329it [49:16, 4.07it/s, bound:36 nc: 3 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.692>0.1]

7330it [49:16, 3.15it/s, bound:36 nc: 9 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.691>0.1]

7331it [49:16, 3.52it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.691>0.1]

7332it [49:17, 3.21it/s, bound:36 nc: 12 ncall:5.7e+04 eff:13.0% logz-

ratio=287.06+/-0.10 dlogz:0.690>0.1]

7333it [49:17, 3.72it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.689>0.1]

7334it [49:17, 4.33it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.689>0.1]

7335it [49:17, 4.62it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.688>0.1]

7336it [49:17, 5.05it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.06+/-0.10 dlogz:0.687>0.1]

7337it [49:18, 5.38it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.687>0.1]

7338it [49:18, 4.33it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.686>0.1]

7339it [49:19, 2.43it/s, bound:36 nc: 10 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.685>0.1]

7340it [49:19, 2.52it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.684>0.1]

7341it [49:20, 2.23it/s, bound:36 nc: 7 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.684>0.1]

7342it [49:20, 2.31it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.683>0.1]

7343it [49:21, 2.40it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.682>0.1]

7344it [49:21, 2.54it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.682>0.1]

7345it [49:21, 3.22it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.681>0.1]

7346it [49:21, 3.29it/s, bound:36 nc: 10 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.680>0.1]

7347it [49:21, 3.92it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.680>0.1]

7348it [49:22, 4.47it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-

ratio=287.07+/-0.10 dlogz:0.679>0.1]

7349it [49:22, 5.14it/s, bound:36 nc: 4 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.678>0.1]

7350it [49:22, 5.47it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.678>0.1]

7351it [49:22, 5.79it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.677>0.1]

7352it [49:22, 5.97it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.676>0.1]

7353it [49:22, 6.67it/s, bound:36 nc: 3 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.676>0.1]

7354it [49:22, 5.43it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.675>0.1]

7355it [49:23, 4.36it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.674>0.1]

7356it [49:23, 3.58it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.674>0.1]

7357it [49:24, 3.59it/s, bound:36 nc: 4 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.673>0.1]

7358it [49:24, 3.37it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.672>0.1]

7359it [49:25, 2.10it/s, bound:36 nc: 12 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.672>0.1]

7360it [49:25, 2.32it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.671>0.1]

7361it [49:25, 2.53it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.671>0.1]

7362it [49:25, 3.21it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.670>0.1]

7363it [49:26, 3.95it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.07+/-0.10 dlogz:0.669>0.1]

7364it [49:26, 4.31it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-

ratio=287.07+/-0.10 dlogz:0.669>0.1]

7365it [49:26, 4.46it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.07+/-0.10 dlogz:0.668>0.1]

7366it [49:26, 4.67it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.667>0.1]

7367it [49:26, 4.81it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.667>0.1]

7368it [49:27, 3.73it/s, bound:36 nc: 8 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.666>0.1]

7369it [49:27, 3.35it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.665>0.1]

7370it [49:28, 2.31it/s, bound:36 nc: 8 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.665>0.1]

7371it [49:29, 1.72it/s, bound:36 nc: 10 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.664>0.1]

7372it [49:29, 1.88it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.663>0.1]

7373it [49:30, 2.00it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.663>0.1]

7374it [49:30, 2.11it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.662>0.1]

7375it [49:31, 2.18it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.661>0.1]

7376it [49:31, 2.51it/s, bound:36 nc: 3 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.661>0.1]

7377it [49:31, 2.50it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.660>0.1]

7378it [49:32, 1.86it/s, bound:36 nc: 10 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.659>0.1]

7379it [49:32, 2.01it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.08+/-0.10 dlogz:0.659>0.1]

7380it [49:33, 1.66it/s, bound:36 nc: 9 ncall:5.7e+04 eff:13.0% logz-

ratio=287.08+/-0.10 dlogz:0.658>0.1]

7381it [49:34, 1.81it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.657>0.1]

7382it [49:34, 1.98it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.657>0.1]

7383it [49:35, 2.10it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.656>0.1]

7384it [49:35, 2.15it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.656>0.1]

7385it [49:35, 2.31it/s, bound:36 nc: 4 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.655>0.1]

7386it [49:36, 2.32it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.654>0.1]

7387it [49:36, 2.67it/s, bound:36 nc: 3 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.654>0.1]

7388it [49:37, 2.00it/s, bound:36 nc: 9 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.653>0.1]

7389it [49:37, 2.10it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.652>0.1]

7390it [49:38, 2.17it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.652>0.1]

7391it [49:39, 1.69it/s, bound:36 nc: 10 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.651>0.1]

7392it [49:39, 1.74it/s, bound:36 nc: 8 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.650>0.1]

7393it [49:39, 2.06it/s, bound:36 nc: 10 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.650>0.1]

7394it [49:39, 2.62it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.08+/-0.10 dlogz:0.649>0.1]

7395it [49:40, 3.33it/s, bound:36 nc: 4 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.648>0.1]

7396it [49:40, 4.02it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-

ratio=287.09+/-0.10 dlogz:0.648>0.1]

7397it [49:40, 4.66it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.647>0.1]

7398it [49:40, 5.10it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.647>0.1]

7399it [49:40, 4.69it/s, bound:36 nc: 9 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.646>0.1]

7400it [49:41, 4.50it/s, bound:36 nc: 8 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.645>0.1]

7401it [49:41, 3.26it/s, bound:36 nc: 7 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.645>0.1]

7402it [49:41, 3.11it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.644>0.1]

7403it [49:42, 3.07it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.643>0.1]

7404it [49:42, 3.11it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.643>0.1]

7405it [49:42, 3.87it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.642>0.1]

7406it [49:42, 4.62it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.641>0.1]

7408it [49:42, 5.59it/s, bound:36 nc: 4 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.640>0.1]

7409it [49:43, 4.71it/s, bound:36 nc: 10 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.640>0.1]

7410it [49:43, 5.30it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.639>0.1]

7411it [49:43, 4.51it/s, bound:36 nc: 10 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.638>0.1]

7412it [49:44, 3.86it/s, bound:36 nc: 10 ncall:5.7e+04 eff:13.0% logz-
ratio=287.09+/-0.10 dlogz:0.638>0.1]

7413it [49:44, 4.07it/s, bound:36 nc: 3 ncall:5.7e+04 eff:13.0% logz-

ratio=287.09+/-0.10 dlogz:0.637>0.1]

7414it [49:44, 3.56it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.09+/-0.10 dlogz:0.636>0.1]

7415it [49:44, 3.27it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.09+/-0.10 dlogz:0.636>0.1]

7416it [49:45, 3.19it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.09+/-0.10 dlogz:0.635>0.1]

7417it [49:45, 3.04it/s, bound:36 nc: 10 ncall:5.7e+04 eff:13.0% logz-ratio=287.09+/-0.10 dlogz:0.635>0.1]

7418it [49:45, 3.73it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.09+/-0.10 dlogz:0.634>0.1]

7419it [49:45, 4.44it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.09+/-0.10 dlogz:0.633>0.1]

7420it [49:46, 5.15it/s, bound:36 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.09+/-0.10 dlogz:0.633>0.1]

7421it [49:46, 5.60it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.09+/-0.10 dlogz:0.632>0.1]

7422it [49:46, 6.37it/s, bound:37 nc: 4 ncall:5.7e+04 eff:13.0% logz-ratio=287.09+/-0.10 dlogz:0.631>0.1]

7423it [49:46, 5.24it/s, bound:37 nc: 9 ncall:5.7e+04 eff:13.0% logz-ratio=287.09+/-0.10 dlogz:0.631>0.1]

7424it [49:46, 4.50it/s, bound:37 nc: 9 ncall:5.7e+04 eff:13.0% logz-ratio=287.10+/-0.10 dlogz:0.630>0.1]

7425it [49:47, 4.47it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.10+/-0.10 dlogz:0.630>0.1]

7426it [49:47, 3.85it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.10+/-0.10 dlogz:0.629>0.1]

7427it [49:48, 2.70it/s, bound:37 nc: 8 ncall:5.7e+04 eff:13.0% logz-ratio=287.10+/-0.10 dlogz:0.628>0.1]

7428it [49:48, 2.06it/s, bound:37 nc: 10 ncall:5.7e+04 eff:13.0% logz-ratio=287.10+/-0.10 dlogz:0.628>0.1]

7429it [49:49, 2.05it/s, bound:37 nc: 6 ncall:5.7e+04 eff:13.0% logz-

ratio=287.10+/-0.10 dlogz:0.627>0.1]

7430it [49:49, 2.34it/s, bound:37 nc: 4 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.626>0.1]

7431it [49:50, 2.13it/s, bound:37 nc: 13 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.626>0.1]

7432it [49:50, 2.69it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.625>0.1]

7433it [49:50, 3.39it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.625>0.1]

7434it [49:50, 4.07it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.624>0.1]

7435it [49:50, 4.66it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.623>0.1]

7436it [49:50, 5.22it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.623>0.1]

7437it [49:50, 5.78it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.622>0.1]

7438it [49:51, 6.16it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.621>0.1]

7439it [49:51, 6.26it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.621>0.1]

7441it [49:51, 6.84it/s, bound:37 nc: 4 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.620>0.1]

7442it [49:51, 4.82it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.619>0.1]

7443it [49:52, 4.02it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.618>0.1]

7444it [49:52, 3.88it/s, bound:37 nc: 4 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.618>0.1]

7445it [49:53, 2.53it/s, bound:37 nc: 10 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.617>0.1]

7446it [49:53, 2.64it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-

ratio=287.10+/-0.10 dlogz:0.617>0.1]

7447it [49:54, 2.17it/s, bound:37 nc: 8 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.616>0.1]

7448it [49:54, 1.88it/s, bound:37 nc: 9 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.615>0.1]

7449it [49:55, 2.05it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.615>0.1]

7450it [49:55, 2.24it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.614>0.1]

7451it [49:55, 2.40it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.614>0.1]

7452it [49:56, 1.98it/s, bound:37 nc: 9 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.613>0.1]

7453it [49:56, 2.20it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.612>0.1]

7454it [49:57, 2.40it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.10+/-0.10 dlogz:0.612>0.1]

7456it [49:57, 3.11it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.611>0.1]

7457it [49:57, 2.85it/s, bound:37 nc: 14 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.610>0.1]

7458it [49:58, 3.54it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.609>0.1]

7459it [49:58, 4.20it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.609>0.1]

7460it [49:58, 4.51it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.608>0.1]

7461it [49:58, 4.74it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.607>0.1]

7462it [49:58, 4.38it/s, bound:37 nc: 7 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.607>0.1]

7463it [49:59, 3.67it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-

ratio=287.11+/-0.10 dlogz:0.606>0.1]

7464it [49:59, 3.42it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.606>0.1]

7465it [49:59, 3.27it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.605>0.1]

7466it [50:00, 3.18it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.604>0.1]

7467it [50:00, 3.10it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.604>0.1]

7468it [50:00, 3.04it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.603>0.1]

7469it [50:01, 2.87it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.603>0.1]

7470it [50:01, 2.86it/s, bound:37 nc: 4 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.602>0.1]

7471it [50:01, 2.99it/s, bound:37 nc: 4 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.602>0.1]

7472it [50:02, 3.14it/s, bound:37 nc: 4 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.601>0.1]

7473it [50:02, 3.08it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.600>0.1]

7474it [50:03, 2.43it/s, bound:37 nc: 8 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.600>0.1]

7475it [50:03, 2.76it/s, bound:37 nc: 9 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.599>0.1]

7476it [50:03, 3.02it/s, bound:37 nc: 10 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.599>0.1]

7477it [50:03, 3.68it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.598>0.1]

7478it [50:03, 4.26it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-
ratio=287.11+/-0.10 dlogz:0.597>0.1]

7479it [50:04, 4.29it/s, bound:37 nc: 7 ncall:5.7e+04 eff:13.0% logz-

ratio=287.11+/-0.10 dlogz:0.597>0.1]

7481it [50:04, 4.53it/s, bound:37 nc: 10 ncall:5.7e+04 eff:13.0% logz-ratio=287.11+/-0.10 dlogz:0.596>0.1]

7482it [50:04, 5.28it/s, bound:37 nc: 4 ncall:5.7e+04 eff:13.0% logz-ratio=287.11+/-0.10 dlogz:0.595>0.1]

7483it [50:04, 4.67it/s, bound:37 nc: 4 ncall:5.7e+04 eff:13.0% logz-ratio=287.11+/-0.10 dlogz:0.594>0.1]

7484it [50:05, 3.89it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.11+/-0.10 dlogz:0.594>0.1]

7485it [50:05, 3.52it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.11+/-0.10 dlogz:0.593>0.1]

7486it [50:06, 2.35it/s, bound:37 nc: 10 ncall:5.7e+04 eff:13.0% logz-ratio=287.12+/-0.10 dlogz:0.593>0.1]

7487it [50:06, 2.49it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.12+/-0.10 dlogz:0.592>0.1]

7488it [50:07, 2.73it/s, bound:37 nc: 4 ncall:5.7e+04 eff:13.0% logz-ratio=287.12+/-0.10 dlogz:0.591>0.1]

7489it [50:07, 2.24it/s, bound:37 nc: 10 ncall:5.7e+04 eff:13.0% logz-ratio=287.12+/-0.10 dlogz:0.591>0.1]

7490it [50:07, 2.87it/s, bound:37 nc: 5 ncall:5.7e+04 eff:13.0% logz-ratio=287.12+/-0.10 dlogz:0.590>0.1]

7491it [50:08, 2.59it/s, bound:37 nc: 17 ncall:5.8e+04 eff:13.0% logz-ratio=287.12+/-0.10 dlogz:0.590>0.1]

7492it [50:08, 3.27it/s, bound:37 nc: 4 ncall:5.8e+04 eff:13.0% logz-ratio=287.12+/-0.10 dlogz:0.589>0.1]

7493it [50:08, 3.60it/s, bound:37 nc: 7 ncall:5.8e+04 eff:13.0% logz-ratio=287.12+/-0.10 dlogz:0.589>0.1]

7494it [50:08, 4.29it/s, bound:37 nc: 5 ncall:5.8e+04 eff:13.0% logz-ratio=287.12+/-0.10 dlogz:0.588>0.1]

7495it [50:09, 3.86it/s, bound:37 nc: 10 ncall:5.8e+04 eff:13.0% logz-ratio=287.12+/-0.10 dlogz:0.587>0.1]

7496it [50:09, 3.82it/s, bound:37 nc: 5 ncall:5.8e+04 eff:13.0% logz-

ratio=287.12+/-0.10 dlogz:0.587>0.1]

7497it [50:10, 2.48it/s, bound:37 nc: 10 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.586>0.1]

7498it [50:10, 2.61it/s, bound:37 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.586>0.1]

7499it [50:10, 2.80it/s, bound:37 nc: 4 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.585>0.1]

7500it [50:10, 3.49it/s, bound:37 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.584>0.1]

7501it [50:11, 3.00it/s, bound:37 nc: 15 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.584>0.1]

7502it [50:11, 3.62it/s, bound:37 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.583>0.1]

7503it [50:11, 4.21it/s, bound:37 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.583>0.1]

7504it [50:11, 4.03it/s, bound:37 nc: 10 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.582>0.1]

7505it [50:11, 4.60it/s, bound:37 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.582>0.1]

7506it [50:12, 2.39it/s, bound:37 nc: 13 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.581>0.1]

7507it [50:13, 2.53it/s, bound:37 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.580>0.1]

7508it [50:13, 2.62it/s, bound:37 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.580>0.1]

7509it [50:13, 2.68it/s, bound:37 nc: 13 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.579>0.1]

7510it [50:14, 2.91it/s, bound:37 nc: 10 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.579>0.1]

7511it [50:14, 3.56it/s, bound:37 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.578>0.1]

7512it [50:14, 4.19it/s, bound:37 nc: 5 ncall:5.8e+04 eff:13.0% logz-

ratio=287.12+/-0.10 dlogz:0.578>0.1]

7513it [50:14, 3.90it/s, bound:37 nc: 10 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.577>0.1]

7515it [50:14, 4.84it/s, bound:37 nc: 4 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.576>0.1]

7516it [50:15, 3.31it/s, bound:38 nc: 8 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.575>0.1]

7517it [50:15, 3.40it/s, bound:38 nc: 4 ncall:5.8e+04 eff:13.0% logz-
ratio=287.12+/-0.10 dlogz:0.575>0.1]

7518it [50:16, 3.22it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.574>0.1]

7519it [50:16, 3.32it/s, bound:38 nc: 4 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.574>0.1]

7520it [50:16, 3.68it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.573>0.1]

7521it [50:16, 4.48it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.572>0.1]

7523it [50:16, 5.44it/s, bound:38 nc: 4 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.571>0.1]

7524it [50:17, 4.64it/s, bound:38 nc: 10 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.571>0.1]

7525it [50:17, 5.25it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.570>0.1]

7526it [50:17, 5.84it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.570>0.1]

7527it [50:17, 4.20it/s, bound:38 nc: 12 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.569>0.1]

7528it [50:17, 4.88it/s, bound:38 nc: 4 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.568>0.1]

7529it [50:18, 3.12it/s, bound:38 nc: 9 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.568>0.1]

7530it [50:18, 3.09it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-

ratio=287.13+/-0.10 dlogz:0.567>0.1]

7531it [50:19, 3.04it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.567>0.1]

7532it [50:19, 2.97it/s, bound:38 nc: 7 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.566>0.1]

7533it [50:19, 3.18it/s, bound:38 nc: 10 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.566>0.1]

7534it [50:19, 3.84it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.565>0.1]

7535it [50:20, 4.38it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.564>0.1]

7536it [50:20, 5.15it/s, bound:38 nc: 4 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.564>0.1]

7537it [50:20, 5.49it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.563>0.1]

7539it [50:20, 6.44it/s, bound:38 nc: 4 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.562>0.1]

7540it [50:20, 5.27it/s, bound:38 nc: 9 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.562>0.1]

7541it [50:20, 6.00it/s, bound:38 nc: 4 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.561>0.1]

7542it [50:21, 2.98it/s, bound:38 nc: 10 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.561>0.1]

7543it [50:21, 3.10it/s, bound:38 nc: 4 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.560>0.1]

7544it [50:22, 3.48it/s, bound:38 nc: 3 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.559>0.1]

7545it [50:22, 3.16it/s, bound:38 nc: 9 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.559>0.1]

7546it [50:22, 3.90it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.558>0.1]

7547it [50:22, 3.93it/s, bound:38 nc: 9 ncall:5.8e+04 eff:13.0% logz-

ratio=287.13+/-0.10 dlogz:0.558>0.1]

7548it [50:23, 3.68it/s, bound:38 nc: 10 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.557>0.1]

7549it [50:23, 4.36it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.557>0.1]

7551it [50:23, 5.18it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.13+/-0.10 dlogz:0.556>0.1]

7552it [50:23, 5.53it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.14+/-0.10 dlogz:0.555>0.1]

7553it [50:24, 3.62it/s, bound:38 nc: 10 ncall:5.8e+04 eff:13.0% logz-
ratio=287.14+/-0.10 dlogz:0.554>0.1]

7554it [50:24, 3.36it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.14+/-0.10 dlogz:0.554>0.1]

7555it [50:25, 2.72it/s, bound:38 nc: 7 ncall:5.8e+04 eff:13.0% logz-
ratio=287.14+/-0.10 dlogz:0.553>0.1]

7556it [50:25, 2.78it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.14+/-0.10 dlogz:0.553>0.1]

7557it [50:25, 2.85it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.14+/-0.10 dlogz:0.552>0.1]

7558it [50:26, 2.85it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.14+/-0.10 dlogz:0.552>0.1]

7559it [50:26, 3.46it/s, bound:38 nc: 2 ncall:5.8e+04 eff:13.0% logz-
ratio=287.14+/-0.10 dlogz:0.551>0.1]

7560it [50:26, 3.29it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.14+/-0.10 dlogz:0.551>0.1]

7561it [50:26, 3.43it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.0% logz-
ratio=287.14+/-0.10 dlogz:0.550>0.1]

7563it [50:27, 4.32it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.14+/-0.10 dlogz:0.549>0.1]

7564it [50:27, 4.54it/s, bound:38 nc: 6 ncall:5.8e+04 eff:13.1% logz-
ratio=287.14+/-0.10 dlogz:0.548>0.1]

7565it [50:27, 5.36it/s, bound:38 nc: 4 ncall:5.8e+04 eff:13.1% logz-

ratio=287.14+/-0.10 dlogz:0.548>0.1]

7566it [50:27, 5.78it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.547>0.1]

7567it [50:27, 6.15it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.547>0.1]

7568it [50:27, 4.84it/s, bound:38 nc: 10 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.546>0.1]

7569it [50:28, 4.44it/s, bound:38 nc: 9 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.546>0.1]

7570it [50:28, 4.35it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.545>0.1]

7571it [50:29, 2.75it/s, bound:38 nc: 9 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.545>0.1]

7572it [50:29, 2.80it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.544>0.1]

7573it [50:29, 2.87it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.544>0.1]

7575it [50:30, 3.38it/s, bound:38 nc: 10 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.542>0.1]

7576it [50:30, 4.05it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.542>0.1]

7577it [50:30, 4.00it/s, bound:38 nc: 8 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.541>0.1]

7578it [50:30, 3.45it/s, bound:38 nc: 12 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.541>0.1]

7579it [50:31, 3.37it/s, bound:38 nc: 10 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.540>0.1]

7580it [50:31, 3.39it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.540>0.1]

7581it [50:32, 2.04it/s, bound:38 nc: 12 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.539>0.1]

7582it [50:32, 2.58it/s, bound:38 nc: 2 ncall:5.8e+04 eff:13.1% logz-

ratio=287.14+/-0.10 dlogz:0.539>0.1]

7583it [50:32, 2.98it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.538>0.1]

7584it [50:32, 3.76it/s, bound:38 nc: 4 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.538>0.1]

7585it [50:33, 3.94it/s, bound:38 nc: 8 ncall:5.8e+04 eff:13.1% logz-ratio=287.14+/-0.10 dlogz:0.537>0.1]

7586it [50:33, 3.79it/s, bound:38 nc: 10 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.537>0.1]

7587it [50:33, 4.42it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.536>0.1]

7588it [50:33, 4.97it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.535>0.1]

7589it [50:33, 4.43it/s, bound:38 nc: 9 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.535>0.1]

7590it [50:34, 4.95it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.534>0.1]

7591it [50:34, 4.75it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.534>0.1]

7592it [50:34, 3.95it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.533>0.1]

7593it [50:34, 3.77it/s, bound:38 nc: 4 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.533>0.1]

7594it [50:35, 3.44it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.532>0.1]

7595it [50:35, 3.70it/s, bound:38 nc: 3 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.532>0.1]

7596it [50:35, 3.72it/s, bound:38 nc: 4 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.531>0.1]

7597it [50:37, 1.47it/s, bound:38 nc: 29 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.531>0.1]

7598it [50:37, 1.95it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-

ratio=287.15+/-0.10 dlogz:0.530>0.1]

7599it [50:37, 2.51it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.530>0.1]

7600it [50:37, 3.13it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.529>0.1]

7601it [50:38, 3.74it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.529>0.1]

7602it [50:38, 4.28it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.528>0.1]

7603it [50:38, 4.69it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.527>0.1]

7604it [50:38, 5.12it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.527>0.1]

7605it [50:38, 5.66it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.526>0.1]

7606it [50:39, 3.66it/s, bound:38 nc: 6 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.526>0.1]

7607it [50:40, 2.14it/s, bound:38 nc: 12 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.525>0.1]

7608it [50:40, 2.69it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.525>0.1]

7609it [50:40, 2.95it/s, bound:38 nc: 10 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.524>0.1]

7610it [50:40, 3.57it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.524>0.1]

7611it [50:40, 4.20it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.523>0.1]

7612it [50:40, 4.71it/s, bound:38 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.523>0.1]

7613it [50:41, 5.15it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-ratio=287.15+/-0.10 dlogz:0.522>0.1]

7614it [50:41, 5.75it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-

ratio=287.15+/-0.10 dlogz:0.522>0.1]

7615it [50:41, 6.13it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.15+/-0.10 dlogz:0.521>0.1]

7616it [50:41, 6.38it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.15+/-0.10 dlogz:0.521>0.1]

7617it [50:41, 6.20it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.15+/-0.10 dlogz:0.520>0.1]

7618it [50:41, 4.70it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.15+/-0.10 dlogz:0.520>0.1]

7619it [50:42, 4.65it/s, bound:39 nc: 3 ncall:5.8e+04 eff:13.1% logz-
ratio=287.15+/-0.10 dlogz:0.519>0.1]

7620it [50:42, 3.98it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.519>0.1]

7621it [50:43, 2.79it/s, bound:39 nc: 10 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.518>0.1]

7622it [50:43, 3.51it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.518>0.1]

7623it [50:43, 4.26it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.517>0.1]

7625it [50:43, 4.88it/s, bound:39 nc: 6 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.516>0.1]

7627it [50:43, 5.72it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.515>0.1]

7628it [50:43, 6.09it/s, bound:39 nc: 4 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.514>0.1]

7629it [50:44, 4.96it/s, bound:39 nc: 8 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.514>0.1]

7630it [50:44, 5.09it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.513>0.1]

7631it [50:44, 5.04it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.513>0.1]

7632it [50:45, 1.99it/s, bound:39 nc: 15 ncall:5.8e+04 eff:13.1% logz-

ratio=287.16+/-0.10 dlogz:0.512>0.1]

7633it [50:46, 2.40it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.512>0.1]

7635it [50:46, 2.98it/s, bound:39 nc: 8 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.511>0.1]

7636it [50:46, 3.66it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.510>0.1]

7637it [50:46, 4.25it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.510>0.1]

7638it [50:46, 4.95it/s, bound:39 nc: 4 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.509>0.1]

7639it [50:46, 5.38it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.509>0.1]

7641it [50:47, 6.15it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.508>0.1]

7643it [50:47, 6.26it/s, bound:39 nc: 7 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.507>0.1]

7644it [50:48, 2.73it/s, bound:39 nc: 12 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.506>0.1]

7645it [50:48, 2.81it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.506>0.1]

7646it [50:49, 2.44it/s, bound:39 nc: 12 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.505>0.1]

7648it [50:49, 3.14it/s, bound:39 nc: 5 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.504>0.1]

7650it [50:49, 3.96it/s, bound:39 nc: 4 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.503>0.1]

7651it [50:49, 4.03it/s, bound:39 nc: 8 ncall:5.8e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.503>0.1]

7652it [50:49, 4.53it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.502>0.1]

7653it [50:50, 5.08it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-

ratio=287.16+/-0.10 dlogz:0.502>0.1]

7654it [50:50, 5.57it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.501>0.1]

7655it [50:50, 6.22it/s, bound:39 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.16+/-0.10 dlogz:0.501>0.1]

7656it [50:50, 5.61it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.500>0.1]

7657it [50:50, 5.35it/s, bound:39 nc: 3 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.500>0.1]

7658it [50:51, 3.35it/s, bound:39 nc: 7 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.499>0.1]

7659it [50:51, 3.22it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.499>0.1]

7660it [50:52, 3.09it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.498>0.1]

7661it [50:52, 3.01it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.498>0.1]

7662it [50:52, 2.99it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.497>0.1]

7663it [50:52, 3.18it/s, bound:39 nc: 3 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.497>0.1]

7664it [50:53, 2.95it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.496>0.1]

7665it [50:53, 3.39it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.496>0.1]

7666it [50:53, 4.12it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.495>0.1]

7667it [50:53, 4.79it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.495>0.1]

7668it [50:53, 5.29it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.494>0.1]

7669it [50:54, 5.64it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-

ratio=287.17+/-0.10 dlogz:0.494>0.1]

7671it [50:54, 6.51it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.493>0.1]

7672it [50:54, 6.27it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.492>0.1]

7673it [50:54, 4.99it/s, bound:39 nc: 10 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.492>0.1]

7674it [50:55, 4.52it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.491>0.1]

7675it [50:55, 3.86it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.491>0.1]

7676it [50:55, 3.10it/s, bound:39 nc: 6 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.490>0.1]

7677it [50:56, 2.38it/s, bound:39 nc: 13 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.490>0.1]

7678it [50:56, 3.02it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.489>0.1]

7679it [50:56, 3.65it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.489>0.1]

7680it [50:56, 4.24it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.488>0.1]

7681it [50:57, 4.72it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.488>0.1]

7683it [50:57, 5.63it/s, bound:39 nc: 4 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.487>0.1]

7685it [50:57, 5.68it/s, bound:39 nc: 10 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.486>0.1]

7686it [50:57, 5.94it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.485>0.1]

7687it [50:58, 4.86it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.17+/-0.10 dlogz:0.485>0.1]

7688it [50:58, 3.26it/s, bound:39 nc: 7 ncall:5.9e+04 eff:13.1% logz-

ratio=287.17+/-0.10 dlogz:0.484>0.1]

7689it [50:59, 2.19it/s, bound:39 nc: 9 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.484>0.1]

7690it [50:59, 2.39it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.483>0.1]

7691it [51:00, 1.96it/s, bound:39 nc: 10 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.483>0.1]

7692it [51:00, 2.26it/s, bound:39 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.17+/-0.10 dlogz:0.482>0.1]

7694it [51:01, 2.88it/s, bound:39 nc: 7 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.482>0.1]

7695it [51:01, 3.60it/s, bound:39 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.481>0.1]

7696it [51:01, 4.25it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.481>0.1]

7698it [51:01, 5.07it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.480>0.1]

7699it [51:01, 5.91it/s, bound:39 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.479>0.1]

7700it [51:01, 6.31it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.479>0.1]

7701it [51:01, 6.98it/s, bound:39 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.478>0.1]

7702it [51:01, 7.11it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.478>0.1]

7703it [51:02, 7.08it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.477>0.1]

7704it [51:02, 6.59it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.477>0.1]

7705it [51:02, 4.69it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.476>0.1]

7706it [51:02, 3.92it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-

ratio=287.18+/-0.10 dlogz:0.476>0.1]

7707it [51:03, 3.86it/s, bound:39 nc: 4 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.475>0.1]

7708it [51:03, 3.46it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.475>0.1]

7709it [51:03, 3.29it/s, bound:39 nc: 10 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.474>0.1]

7710it [51:04, 4.01it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.474>0.1]

7711it [51:04, 3.93it/s, bound:39 nc: 10 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.473>0.1]

7712it [51:04, 4.52it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.473>0.1]

7713it [51:04, 4.18it/s, bound:39 nc: 9 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.472>0.1]

7714it [51:04, 4.94it/s, bound:39 nc: 4 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.472>0.1]

7715it [51:05, 4.29it/s, bound:39 nc: 10 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.471>0.1]

7716it [51:05, 2.79it/s, bound:39 nc: 9 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.471>0.1]

7717it [51:06, 2.82it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.471>0.1]

7718it [51:06, 2.89it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.470>0.1]

7719it [51:06, 2.86it/s, bound:39 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.470>0.1]

7720it [51:07, 3.04it/s, bound:39 nc: 4 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.469>0.1]

7721it [51:07, 3.40it/s, bound:39 nc: 3 ncall:5.9e+04 eff:13.1% logz-ratio=287.18+/-0.10 dlogz:0.469>0.1]

7722it [51:07, 2.99it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-

ratio=287.18+/-0.10 dlogz:0.468>0.1]

7723it [51:08, 2.96it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.468>0.1]

7724it [51:08, 3.65it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.467>0.1]

7725it [51:08, 4.40it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.467>0.1]

7726it [51:08, 5.08it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.466>0.1]

7727it [51:08, 5.62it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.466>0.1]

7728it [51:08, 5.62it/s, bound:40 nc: 6 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.465>0.1]

7730it [51:09, 5.65it/s, bound:40 nc: 8 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.464>0.1]

7731it [51:09, 5.97it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.18+/-0.10 dlogz:0.464>0.1]

7732it [51:09, 6.01it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.463>0.1]

7734it [51:09, 5.23it/s, bound:40 nc: 7 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.463>0.1]

7735it [51:10, 3.03it/s, bound:40 nc: 9 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.462>0.1]

7736it [51:10, 3.01it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.462>0.1]

7737it [51:11, 3.39it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.461>0.1]

7738it [51:11, 4.17it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.461>0.1]

7739it [51:11, 4.84it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.460>0.1]

7740it [51:11, 5.45it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.1% logz-

ratio=287.19+/-0.10 dlogz:0.460>0.1]

7741it [51:11, 4.54it/s, bound:40 nc: 10 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.459>0.1]

7742it [51:11, 5.01it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.459>0.1]

7743it [51:12, 4.77it/s, bound:40 nc: 7 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.458>0.1]

7744it [51:12, 5.40it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.458>0.1]

7745it [51:12, 5.85it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.457>0.1]

7746it [51:12, 5.86it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.457>0.1]

7747it [51:13, 4.44it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.457>0.1]

7748it [51:13, 3.75it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.456>0.1]

7749it [51:13, 3.98it/s, bound:40 nc: 3 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.456>0.1]

7750it [51:14, 2.17it/s, bound:40 nc: 12 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.455>0.1]

7751it [51:14, 2.48it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.455>0.1]

7752it [51:15, 2.56it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.454>0.1]

7753it [51:15, 2.83it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.454>0.1]

7754it [51:15, 3.36it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.453>0.1]

7755it [51:15, 4.14it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.453>0.1]

7756it [51:15, 4.08it/s, bound:40 nc: 10 ncall:5.9e+04 eff:13.1% logz-

ratio=287.19+/-0.10 dlogz:0.452>0.1]

7757it [51:16, 4.73it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.452>0.1]

7758it [51:16, 3.78it/s, bound:40 nc: 13 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.452>0.1]

7759it [51:16, 3.82it/s, bound:40 nc: 8 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.451>0.1]

7760it [51:17, 3.48it/s, bound:40 nc: 10 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.451>0.1]

7761it [51:17, 3.81it/s, bound:40 nc: 3 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.450>0.1]

7762it [51:17, 3.79it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.450>0.1]

7763it [51:17, 3.99it/s, bound:40 nc: 3 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.449>0.1]

7764it [51:18, 3.64it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.449>0.1]

7765it [51:18, 3.63it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.448>0.1]

7766it [51:18, 4.09it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.448>0.1]

7767it [51:18, 4.87it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.447>0.1]

7768it [51:18, 5.53it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.447>0.1]

7769it [51:19, 4.72it/s, bound:40 nc: 10 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.447>0.1]

7770it [51:19, 5.28it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.19+/-0.10 dlogz:0.446>0.1]

7771it [51:19, 5.68it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.446>0.1]

7772it [51:19, 6.28it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-

ratio=287.20+/-0.10 dlogz:0.445>0.1]

7773it [51:19, 4.98it/s, bound:40 nc: 10 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.445>0.1]

7774it [51:20, 4.21it/s, bound:40 nc: 7 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.444>0.1]

7775it [51:20, 4.76it/s, bound:40 nc: 2 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.444>0.1]

7776it [51:20, 4.67it/s, bound:40 nc: 3 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.443>0.1]

7777it [51:20, 3.96it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.443>0.1]

7778it [51:21, 3.51it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.443>0.1]

7779it [51:21, 2.65it/s, bound:40 nc: 8 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.442>0.1]

7780it [51:22, 2.86it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.442>0.1]

7781it [51:22, 2.17it/s, bound:40 nc: 10 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.441>0.1]

7782it [51:22, 2.70it/s, bound:40 nc: 3 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.441>0.1]

7783it [51:23, 3.41it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.440>0.1]

7785it [51:23, 4.31it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.439>0.1]

7786it [51:23, 5.04it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.439>0.1]

7787it [51:23, 5.88it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.439>0.1]

7789it [51:23, 6.88it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.1% logz-
ratio=287.20+/-0.10 dlogz:0.438>0.1]

7790it [51:23, 6.20it/s, bound:40 nc: 7 ncall:5.9e+04 eff:13.1% logz-

ratio=287.20+/-0.10 dlogz:0.437>0.1]

7791it [51:24, 3.92it/s, bound:40 nc: 15 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.437>0.1]

7792it [51:24, 4.24it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.436>0.1]

7793it [51:25, 2.88it/s, bound:40 nc: 8 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.436>0.1]

7794it [51:25, 2.88it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.435>0.1]

7795it [51:25, 2.93it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.435>0.1]

7796it [51:26, 2.91it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.435>0.1]

7797it [51:26, 2.93it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.434>0.1]

7798it [51:26, 2.95it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.434>0.1]

7799it [51:27, 2.93it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.433>0.1]

7800it [51:27, 2.91it/s, bound:40 nc: 9 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.433>0.1]

7801it [51:27, 3.66it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.432>0.1]

7802it [51:27, 4.35it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.432>0.1]

7803it [51:27, 4.96it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.431>0.1]

7804it [51:28, 4.69it/s, bound:40 nc: 8 ncall:5.9e+04 eff:13.1% logz-ratio=287.20+/-0.10 dlogz:0.431>0.1]

7806it [51:28, 5.61it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-ratio=287.20+/-0.10 dlogz:0.430>0.1]

7807it [51:28, 5.97it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-

ratio=287.20+/-0.10 dlogz:0.430>0.1]

7808it [51:28, 6.64it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.2% logz-ratio=287.20+/-0.10 dlogz:0.429>0.1]

7809it [51:28, 6.59it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-ratio=287.20+/-0.10 dlogz:0.429>0.1]

7810it [51:28, 6.82it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.2% logz-ratio=287.20+/-0.10 dlogz:0.428>0.1]

7811it [51:29, 4.87it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-ratio=287.20+/-0.10 dlogz:0.428>0.1]

7812it [51:29, 4.35it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.428>0.1]

7813it [51:29, 4.11it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.427>0.1]

7814it [51:30, 3.67it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.427>0.1]

7815it [51:30, 3.29it/s, bound:40 nc: 10 ncall:5.9e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.426>0.1]

7816it [51:30, 3.40it/s, bound:40 nc: 10 ncall:5.9e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.426>0.1]

7817it [51:30, 4.04it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.425>0.1]

7818it [51:31, 4.14it/s, bound:40 nc: 7 ncall:5.9e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.425>0.1]

7819it [51:31, 4.91it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.425>0.1]

7820it [51:31, 5.64it/s, bound:40 nc: 4 ncall:5.9e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.424>0.1]

7821it [51:31, 4.83it/s, bound:40 nc: 9 ncall:5.9e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.424>0.1]

7822it [51:31, 5.27it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.423>0.1]

7823it [51:32, 4.26it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-

ratio=287.21+/-0.10 dlogz:0.423>0.1]

7824it [51:32, 3.74it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.422>0.1]

7825it [51:32, 3.45it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.422>0.1]

7826it [51:33, 3.31it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.422>0.1]

7827it [51:33, 3.68it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.421>0.1]

7829it [51:33, 4.62it/s, bound:40 nc: 5 ncall:5.9e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.420>0.1]

7830it [51:33, 5.26it/s, bound:41 nc: 5 ncall:5.9e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.420>0.1]

7831it [51:33, 5.72it/s, bound:41 nc: 5 ncall:5.9e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.419>0.1]

7832it [51:33, 6.52it/s, bound:41 nc: 4 ncall:5.9e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.419>0.1]

7833it [51:34, 6.65it/s, bound:41 nc: 5 ncall:5.9e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.419>0.1]

7834it [51:34, 6.81it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.418>0.1]

7835it [51:34, 6.89it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.418>0.1]

7836it [51:34, 6.78it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.417>0.1]

7837it [51:34, 7.06it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.417>0.1]

7838it [51:34, 7.30it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.417>0.1]

7839it [51:34, 5.40it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.21+/-0.10 dlogz:0.416>0.1]

7840it [51:35, 4.27it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-

ratio=287.21+/-0.10 dlogz:0.416>0.1]

7841it [51:35, 4.08it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.415>0.1]

7842it [51:35, 3.62it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.415>0.1]

7843it [51:36, 2.65it/s, bound:41 nc: 8 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.414>0.1]

7844it [51:36, 2.87it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.414>0.1]

7845it [51:37, 3.01it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.414>0.1]

7846it [51:37, 3.01it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.413>0.1]

7847it [51:37, 2.81it/s, bound:41 nc: 8 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.413>0.1]

7848it [51:38, 3.05it/s, bound:41 nc: 10 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.412>0.1]

7849it [51:38, 3.73it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.412>0.1]

7850it [51:38, 4.37it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.411>0.1]

7851it [51:38, 4.95it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.411>0.1]

7852it [51:38, 5.63it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.411>0.1]

7853it [51:39, 4.14it/s, bound:41 nc: 12 ncall:6.0e+04 eff:13.2% logz-ratio=287.21+/-0.10 dlogz:0.410>0.1]

7854it [51:39, 4.17it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.410>0.1]

7855it [51:39, 3.87it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.409>0.1]

7856it [51:39, 3.48it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-

ratio=287.22+/-0.10 dlogz:0.409>0.1]

7857it [51:40, 3.29it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.409>0.1]

7858it [51:40, 3.20it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.408>0.1]

7859it [51:40, 3.93it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.408>0.1]

7861it [51:40, 4.86it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.407>0.1]

7862it [51:41, 5.69it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.407>0.1]

7863it [51:41, 4.14it/s, bound:41 nc: 12 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.406>0.1]

7865it [51:41, 5.12it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.405>0.1]

7866it [51:41, 5.57it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.405>0.1]

7867it [51:41, 5.83it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.404>0.1]

7868it [51:42, 4.85it/s, bound:41 nc: 7 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.404>0.1]

7869it [51:42, 4.43it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.404>0.1]

7870it [51:42, 3.83it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.403>0.1]

7871it [51:43, 2.50it/s, bound:41 nc: 9 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.403>0.1]

7872it [51:43, 2.46it/s, bound:41 nc: 15 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.402>0.1]

7873it [51:44, 3.06it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.402>0.1]

7874it [51:44, 3.70it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-

ratio=287.22+/-0.10 dlogz:0.402>0.1]

7875it [51:44, 4.30it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.401>0.1]

7876it [51:44, 4.84it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.401>0.1]

7877it [51:44, 5.34it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.400>0.1]

7878it [51:44, 4.66it/s, bound:41 nc: 9 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.400>0.1]

7879it [51:45, 4.71it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.400>0.1]

7880it [51:45, 4.73it/s, bound:41 nc: 3 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.399>0.1]

7881it [51:45, 3.97it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.399>0.1]

7882it [51:46, 2.61it/s, bound:41 nc: 9 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.398>0.1]

7883it [51:46, 3.10it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.398>0.1]

7885it [51:46, 3.91it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.397>0.1]

7886it [51:47, 3.72it/s, bound:41 nc: 10 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.397>0.1]

7887it [51:47, 4.44it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.396>0.1]

7888it [51:47, 5.08it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.396>0.1]

7890it [51:47, 6.19it/s, bound:41 nc: 3 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.395>0.1]

7892it [51:47, 6.20it/s, bound:41 nc: 8 ncall:6.0e+04 eff:13.2% logz-ratio=287.22+/-0.10 dlogz:0.394>0.1]

7893it [51:47, 6.28it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-

ratio=287.22+/-0.10 dlogz:0.394>0.1]

7894it [51:48, 3.38it/s, bound:41 nc: 9 ncall:6.0e+04 eff:13.2% logz-
ratio=287.22+/-0.10 dlogz:0.394>0.1]

7895it [51:48, 3.46it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.22+/-0.10 dlogz:0.393>0.1]

7896it [51:49, 3.26it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.22+/-0.10 dlogz:0.393>0.1]

7897it [51:49, 3.37it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.22+/-0.10 dlogz:0.392>0.1]

7899it [51:49, 4.31it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.392>0.1]

7900it [51:49, 5.04it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.391>0.1]

7901it [51:49, 5.46it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.391>0.1]

7902it [51:50, 5.93it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.390>0.1]

7903it [51:50, 6.30it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.390>0.1]

7904it [51:50, 6.55it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.390>0.1]

7905it [51:50, 6.44it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.389>0.1]

7906it [51:50, 6.64it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.389>0.1]

7907it [51:50, 7.27it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.388>0.1]

7908it [51:51, 3.07it/s, bound:41 nc: 15 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.388>0.1]

7909it [51:51, 3.45it/s, bound:41 nc: 3 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.388>0.1]

7910it [51:51, 3.47it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-

ratio=287.23+/-0.10 dlogz:0.387>0.1]

7911it [51:52, 3.32it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.387>0.1]

7912it [51:52, 3.21it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.386>0.1]

7913it [51:52, 3.15it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.386>0.1]

7914it [51:53, 3.06it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.386>0.1]

7915it [51:53, 3.20it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.385>0.1]

7916it [51:54, 2.83it/s, bound:41 nc: 10 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.385>0.1]

7918it [51:54, 3.64it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.384>0.1]

7919it [51:54, 4.40it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.384>0.1]

7920it [51:54, 5.04it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.383>0.1]

7921it [51:54, 5.47it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.383>0.1]

7922it [51:54, 6.16it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.383>0.1]

7923it [51:55, 4.52it/s, bound:41 nc: 11 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.382>0.1]

7924it [51:55, 5.02it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.382>0.1]

7925it [51:55, 5.38it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.381>0.1]

7926it [51:55, 5.13it/s, bound:41 nc: 3 ncall:6.0e+04 eff:13.2% logz-ratio=287.23+/-0.10 dlogz:0.381>0.1]

7927it [51:56, 2.83it/s, bound:41 nc: 10 ncall:6.0e+04 eff:13.2% logz-

ratio=287.23+/-0.10 dlogz:0.381>0.1]

7928it [51:56, 2.89it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.380>0.1]

7929it [51:56, 3.22it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.380>0.1]

7930it [51:57, 3.97it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.379>0.1]

7931it [51:57, 4.77it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.379>0.1]

7932it [51:57, 4.56it/s, bound:41 nc: 8 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.379>0.1]

7934it [51:57, 5.00it/s, bound:41 nc: 8 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.378>0.1]

7935it [51:57, 5.58it/s, bound:41 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.378>0.1]

7936it [51:57, 6.33it/s, bound:41 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.377>0.1]

7937it [51:58, 5.66it/s, bound:41 nc: 7 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.377>0.1]

7939it [51:58, 4.38it/s, bound:41 nc: 11 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.376>0.1]

7940it [51:59, 2.73it/s, bound:42 nc: 9 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.376>0.1]

7941it [51:59, 2.85it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.375>0.1]

7942it [51:59, 3.54it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.23+/-0.10 dlogz:0.375>0.1]

7943it [52:00, 4.19it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.24+/-0.10 dlogz:0.374>0.1]

7944it [52:00, 3.41it/s, bound:42 nc: 14 ncall:6.0e+04 eff:13.2% logz-
ratio=287.24+/-0.10 dlogz:0.374>0.1]

7945it [52:00, 4.09it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-

ratio=287.24+/-0.10 dlogz:0.374>0.1]

7946it [52:00, 4.88it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.373>0.1]

7947it [52:01, 4.42it/s, bound:42 nc: 9 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.373>0.1]

7949it [52:01, 5.55it/s, bound:42 nc: 2 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.372>0.1]

7951it [52:01, 4.34it/s, bound:42 nc: 10 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.371>0.1]

7952it [52:02, 4.11it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.371>0.1]

7953it [52:02, 3.62it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.371>0.1]

7954it [52:02, 3.88it/s, bound:42 nc: 3 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.370>0.1]

7955it [52:03, 2.14it/s, bound:42 nc: 12 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.370>0.1]

7956it [52:03, 2.53it/s, bound:42 nc: 3 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.370>0.1]

7957it [52:04, 2.82it/s, bound:42 nc: 3 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.369>0.1]

7958it [52:04, 3.26it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.369>0.1]

7959it [52:04, 3.48it/s, bound:42 nc: 7 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.368>0.1]

7960it [52:04, 4.23it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.368>0.1]

7961it [52:04, 4.78it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.368>0.1]

7962it [52:05, 4.75it/s, bound:42 nc: 7 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.367>0.1]

7963it [52:05, 5.20it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-

ratio=287.24+/-0.10 dlogz:0.367>0.1]

7964it [52:05, 5.57it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.367>0.1]

7965it [52:05, 6.08it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.366>0.1]

7966it [52:05, 6.29it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.366>0.1]

7967it [52:05, 4.73it/s, bound:42 nc: 6 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.365>0.1]

7968it [52:06, 3.91it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.365>0.1]

7969it [52:06, 4.17it/s, bound:42 nc: 3 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.365>0.1]

7970it [52:07, 3.16it/s, bound:42 nc: 6 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.364>0.1]

7971it [52:07, 2.07it/s, bound:42 nc: 11 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.364>0.1]

7972it [52:08, 2.27it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.364>0.1]

7973it [52:08, 2.55it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.363>0.1]

7974it [52:08, 2.95it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.363>0.1]

7975it [52:08, 3.68it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.362>0.1]

7976it [52:09, 3.07it/s, bound:42 nc: 16 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.362>0.1]

7977it [52:09, 3.75it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.362>0.1]

7978it [52:09, 4.40it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-ratio=287.24+/-0.10 dlogz:0.361>0.1]

7979it [52:09, 4.79it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-

ratio=287.24+/-0.10 dlogz:0.361>0.1]

7980it [52:09, 5.19it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.24+/-0.10 dlogz:0.361>0.1]

7981it [52:10, 5.64it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.24+/-0.10 dlogz:0.360>0.1]

7982it [52:10, 6.32it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.24+/-0.10 dlogz:0.360>0.1]

7983it [52:10, 5.24it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.24+/-0.10 dlogz:0.360>0.1]

7984it [52:10, 4.34it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.24+/-0.10 dlogz:0.359>0.1]

7985it [52:11, 3.79it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.24+/-0.10 dlogz:0.359>0.1]

7986it [52:11, 2.72it/s, bound:42 nc: 10 ncall:6.0e+04 eff:13.2% logz-
ratio=287.24+/-0.10 dlogz:0.358>0.1]

7988it [52:11, 3.52it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.24+/-0.10 dlogz:0.358>0.1]

7989it [52:12, 4.19it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.357>0.1]

7990it [52:12, 4.80it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.357>0.1]

7991it [52:12, 5.26it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.357>0.1]

7992it [52:12, 5.67it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.356>0.1]

7993it [52:12, 5.13it/s, bound:42 nc: 8 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.356>0.1]

7994it [52:12, 5.88it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.356>0.1]

7995it [52:12, 6.20it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.355>0.1]

7996it [52:13, 6.30it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-

ratio=287.25+/-0.10 dlogz:0.355>0.1]

7997it [52:13, 5.49it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.354>0.1]

7998it [52:13, 5.18it/s, bound:42 nc: 3 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.354>0.1]

7999it [52:13, 5.05it/s, bound:42 nc: 3 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.354>0.1]

8000it [52:14, 3.32it/s, bound:42 nc: 7 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.353>0.1]

8001it [52:14, 3.39it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.353>0.1]

8002it [52:14, 3.97it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.353>0.1]

8003it [52:14, 4.77it/s, bound:42 nc: 4 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.352>0.1]

8004it [52:15, 4.38it/s, bound:42 nc: 10 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.352>0.1]

8005it [52:15, 4.86it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.352>0.1]

8006it [52:15, 5.37it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.351>0.1]

8007it [52:15, 5.88it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.351>0.1]

8008it [52:15, 6.14it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.350>0.1]

8009it [52:15, 4.82it/s, bound:42 nc: 10 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.350>0.1]

8010it [52:16, 4.47it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.350>0.1]

8011it [52:16, 3.83it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.349>0.1]

8012it [52:16, 3.45it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-

ratio=287.25+/-0.10 dlogz:0.349>0.1]

8013it [52:17, 3.26it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.349>0.1]

8014it [52:17, 3.35it/s, bound:42 nc: 5 ncall:6.0e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.348>0.1]

8016it [52:17, 4.08it/s, bound:42 nc: 6 ncall:6.1e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.348>0.1]

8017it [52:18, 3.96it/s, bound:42 nc: 10 ncall:6.1e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.347>0.1]

8018it [52:18, 4.51it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.347>0.1]

8019it [52:18, 4.97it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.2% logz-
ratio=287.25+/-0.10 dlogz:0.347>0.1]

8020it [52:18, 5.72it/s, bound:42 nc: 4 ncall:6.1e+04 eff:13.3% logz-
ratio=287.25+/-0.10 dlogz:0.346>0.1]

8022it [52:18, 6.74it/s, bound:42 nc: 4 ncall:6.1e+04 eff:13.3% logz-
ratio=287.25+/-0.10 dlogz:0.346>0.1]

8023it [52:18, 6.86it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.25+/-0.10 dlogz:0.345>0.1]

8024it [52:18, 7.20it/s, bound:42 nc: 4 ncall:6.1e+04 eff:13.3% logz-
ratio=287.25+/-0.10 dlogz:0.345>0.1]

8025it [52:19, 5.94it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.25+/-0.10 dlogz:0.344>0.1]

8026it [52:19, 4.50it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.25+/-0.10 dlogz:0.344>0.1]

8027it [52:19, 3.85it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.25+/-0.10 dlogz:0.344>0.1]

8028it [52:20, 4.31it/s, bound:42 nc: 2 ncall:6.1e+04 eff:13.3% logz-
ratio=287.25+/-0.10 dlogz:0.343>0.1]

8029it [52:20, 3.01it/s, bound:42 nc: 10 ncall:6.1e+04 eff:13.3% logz-
ratio=287.25+/-0.10 dlogz:0.343>0.1]

8030it [52:20, 3.48it/s, bound:42 nc: 4 ncall:6.1e+04 eff:13.3% logz-

ratio=287.25+/-0.10 dlogz:0.343>0.1]

8031it [52:20, 4.23it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.25+/-0.10 dlogz:0.342>0.1]

8032it [52:21, 4.82it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.25+/-0.10 dlogz:0.342>0.1]

8033it [52:21, 5.33it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.25+/-0.10 dlogz:0.342>0.1]

8035it [52:21, 6.23it/s, bound:42 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.25+/-0.10 dlogz:0.341>0.1]

8036it [52:21, 5.02it/s, bound:42 nc: 8 ncall:6.1e+04 eff:13.3% logz-ratio=287.25+/-0.10 dlogz:0.341>0.1]

8037it [52:21, 5.42it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.25+/-0.10 dlogz:0.340>0.1]

8038it [52:21, 5.77it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.340>0.1]

8039it [52:22, 3.77it/s, bound:42 nc: 6 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.340>0.1]

8040it [52:22, 3.48it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.339>0.1]

8041it [52:23, 3.48it/s, bound:42 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.339>0.1]

8042it [52:23, 3.31it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.339>0.1]

8043it [52:23, 4.04it/s, bound:42 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.338>0.1]

8044it [52:23, 4.77it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.338>0.1]

8045it [52:23, 5.42it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.338>0.1]

8047it [52:24, 5.34it/s, bound:42 nc: 10 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.337>0.1]

8048it [52:24, 6.06it/s, bound:42 nc: 4 ncall:6.1e+04 eff:13.3% logz-

ratio=287.26+/-0.10 dlogz:0.336>0.1]

8049it [52:24, 5.47it/s, bound:42 nc: 7 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.336>0.1]

8050it [52:24, 5.93it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.336>0.1]

8051it [52:24, 6.37it/s, bound:42 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.335>0.1]

8052it [52:24, 6.44it/s, bound:42 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.335>0.1]

8053it [52:25, 4.65it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.335>0.1]

8054it [52:26, 2.41it/s, bound:43 nc: 10 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.334>0.1]

8055it [52:26, 3.01it/s, bound:43 nc: 2 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.334>0.1]

8056it [52:26, 2.51it/s, bound:43 nc: 7 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.334>0.1]

8057it [52:27, 2.75it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.333>0.1]

8058it [52:27, 2.79it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.333>0.1]

8059it [52:27, 2.83it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.333>0.1]

8060it [52:27, 3.46it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.332>0.1]

8062it [52:28, 4.30it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.332>0.1]

8063it [52:28, 4.25it/s, bound:43 nc: 9 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.331>0.1]

8064it [52:28, 4.82it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.331>0.1]

8065it [52:28, 5.52it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-

ratio=287.26+/-0.10 dlogz:0.331>0.1]

8066it [52:28, 4.47it/s, bound:43 nc: 10 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.330>0.1]

8067it [52:29, 5.20it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.330>0.1]

8068it [52:29, 5.49it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.330>0.1]

8069it [52:29, 5.91it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.329>0.1]

8070it [52:29, 4.84it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.329>0.1]

8071it [52:30, 4.05it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.329>0.1]

8072it [52:30, 4.19it/s, bound:43 nc: 3 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.328>0.1]

8073it [52:31, 2.25it/s, bound:43 nc: 12 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.328>0.1]

8074it [52:31, 2.54it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.328>0.1]

8075it [52:31, 2.78it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.327>0.1]

8076it [52:32, 2.80it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.327>0.1]

8077it [52:32, 3.10it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.327>0.1]

8078it [52:32, 3.39it/s, bound:43 nc: 9 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.326>0.1]

8079it [52:32, 4.08it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.326>0.1]

8080it [52:32, 4.85it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.26+/-0.10 dlogz:0.326>0.1]

8081it [52:33, 4.85it/s, bound:43 nc: 7 ncall:6.1e+04 eff:13.3% logz-

ratio=287.26+/-0.10 dlogz:0.325>0.1]

8083it [52:33, 5.68it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.26+/-0.10 dlogz:0.325>0.1]

8084it [52:33, 5.98it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.26+/-0.10 dlogz:0.324>0.1]

8085it [52:33, 6.42it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-
ratio=287.26+/-0.10 dlogz:0.324>0.1]

8086it [52:33, 6.98it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-
ratio=287.26+/-0.10 dlogz:0.324>0.1]

8087it [52:33, 4.73it/s, bound:43 nc: 9 ncall:6.1e+04 eff:13.3% logz-
ratio=287.26+/-0.10 dlogz:0.323>0.1]

8088it [52:34, 3.96it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.323>0.1]

8089it [52:35, 2.53it/s, bound:43 nc: 10 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.323>0.1]

8090it [52:35, 2.64it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.322>0.1]

8091it [52:36, 1.69it/s, bound:43 nc: 14 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.322>0.1]

8092it [52:37, 1.74it/s, bound:43 nc: 14 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.322>0.1]

8093it [52:37, 2.26it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.321>0.1]

8094it [52:37, 2.87it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.321>0.1]

8095it [52:37, 3.48it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.321>0.1]

8096it [52:37, 3.56it/s, bound:43 nc: 9 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.320>0.1]

8097it [52:37, 3.52it/s, bound:43 nc: 10 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.320>0.1]

8098it [52:38, 4.09it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-

ratio=287.27+/-0.10 dlogz:0.320>0.1]

8099it [52:38, 4.45it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.319>0.1]

8100it [52:38, 4.18it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.319>0.1]

8101it [52:38, 4.25it/s, bound:43 nc: 3 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.319>0.1]

8102it [52:39, 3.73it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.318>0.1]

8103it [52:39, 3.42it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.318>0.1]

8104it [52:39, 3.77it/s, bound:43 nc: 3 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.318>0.1]

8105it [52:39, 4.56it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.317>0.1]

8106it [52:39, 5.37it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.317>0.1]

8107it [52:40, 5.97it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.317>0.1]

8108it [52:40, 4.94it/s, bound:43 nc: 10 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.316>0.1]

8109it [52:40, 5.76it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.316>0.1]

8110it [52:40, 6.29it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.316>0.1]

8112it [52:40, 7.54it/s, bound:43 nc: 3 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.315>0.1]

8114it [52:40, 8.91it/s, bound:43 nc: 2 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.315>0.1]

8116it [52:41, 8.53it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.27+/-0.10 dlogz:0.314>0.1]

8118it [52:41, 6.05it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-

```
ratio=287.27+/-0.10 dlogz:0.313>0.1]

8119it [52:41,  5.45it/s, bound:43 nc:  3 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.313>0.1]

8120it [52:42,  4.58it/s, bound:43 nc:  4 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.313>0.1]

8121it [52:42,  2.82it/s, bound:43 nc:  9 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.312>0.1]

8122it [52:43,  2.12it/s, bound:43 nc: 10 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.312>0.1]

8123it [52:43,  2.27it/s, bound:43 nc:  5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.312>0.1]

8124it [52:44,  2.61it/s, bound:43 nc:  5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.311>0.1]

8125it [52:44,  2.78it/s, bound:43 nc: 10 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.311>0.1]

8126it [52:44,  3.51it/s, bound:43 nc:  3 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.311>0.1]

8127it [52:44,  3.88it/s, bound:43 nc:  5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.310>0.1]

8128it [52:44,  4.38it/s, bound:43 nc:  5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.310>0.1]

8129it [52:45,  4.82it/s, bound:43 nc:  5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.310>0.1]

8130it [52:45,  5.25it/s, bound:43 nc:  5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.309>0.1]

8131it [52:45,  4.83it/s, bound:43 nc:  8 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.309>0.1]

8132it [52:45,  4.42it/s, bound:43 nc:  5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.309>0.1]

8133it [52:46,  4.14it/s, bound:43 nc:  4 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.309>0.1]

8134it [52:46,  4.29it/s, bound:43 nc:  3 ncall:6.1e+04 eff:13.3% logz-
```

ratio=287.27+/-0.10 dlogz:0.308>0.1]

8135it [52:47, 2.59it/s, bound:43 nc: 10 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.308>0.1]

8137it [52:47, 3.36it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.307>0.1]

8138it [52:47, 4.11it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.307>0.1]

8139it [52:47, 4.80it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.27+/-0.10 dlogz:0.307>0.1]

8140it [52:47, 4.42it/s, bound:43 nc: 9 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.306>0.1]

8141it [52:47, 4.98it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.306>0.1]

8142it [52:48, 5.48it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.306>0.1]

8143it [52:48, 5.83it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.305>0.1]

8144it [52:48, 6.14it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.305>0.1]

8145it [52:48, 6.34it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.305>0.1]

8146it [52:48, 6.21it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.304>0.1]

8147it [52:48, 4.61it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.304>0.1]

8148it [52:49, 3.38it/s, bound:43 nc: 6 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.304>0.1]

8149it [52:49, 3.22it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.304>0.1]

8150it [52:50, 3.15it/s, bound:43 nc: 7 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.303>0.1]

8151it [52:50, 3.87it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-

ratio=287.28+/-0.10 dlogz:0.303>0.1]

8152it [52:50, 4.57it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.303>0.1]

8153it [52:50, 5.29it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.302>0.1]

8154it [52:50, 6.08it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.302>0.1]

8155it [52:50, 6.76it/s, bound:43 nc: 4 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.302>0.1]

8156it [52:51, 4.21it/s, bound:43 nc: 15 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.301>0.1]

8157it [52:51, 3.97it/s, bound:43 nc: 9 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.301>0.1]

8158it [52:51, 4.00it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.301>0.1]

8159it [52:52, 2.50it/s, bound:43 nc: 10 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.300>0.1]

8160it [52:52, 2.61it/s, bound:43 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.300>0.1]

8161it [52:53, 2.63it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.300>0.1]

8162it [52:53, 2.70it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.299>0.1]

8163it [52:53, 2.78it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.299>0.1]

8164it [52:54, 2.82it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.299>0.1]

8165it [52:54, 3.20it/s, bound:44 nc: 3 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.299>0.1]

8166it [52:54, 3.94it/s, bound:44 nc: 3 ncall:6.1e+04 eff:13.3% logz-
ratio=287.28+/-0.10 dlogz:0.298>0.1]

8167it [52:54, 4.71it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-

ratio=287.28+/-0.10 dlogz:0.298>0.1]

8169it [52:54, 5.45it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.297>0.1]

8170it [52:54, 6.14it/s, bound:44 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.297>0.1]

8171it [52:55, 6.30it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.297>0.1]

8172it [52:55, 6.54it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.296>0.1]

8173it [52:55, 6.67it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.296>0.1]

8174it [52:55, 7.04it/s, bound:44 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.296>0.1]

8175it [52:55, 7.27it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.296>0.1]

8176it [52:55, 7.15it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.295>0.1]

8177it [52:55, 6.58it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.295>0.1]

8178it [52:56, 4.75it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.295>0.1]

8179it [52:56, 4.77it/s, bound:44 nc: 3 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.294>0.1]

8180it [52:56, 4.34it/s, bound:44 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.294>0.1]

8181it [52:57, 3.80it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.294>0.1]

8182it [52:57, 4.04it/s, bound:44 nc: 3 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.293>0.1]

8183it [52:57, 4.70it/s, bound:44 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.293>0.1]

8184it [52:57, 4.40it/s, bound:44 nc: 10 ncall:6.1e+04 eff:13.3% logz-

ratio=287.28+/-0.10 dlogz:0.293>0.1]

8185it [52:57, 5.11it/s, bound:44 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.293>0.1]

8186it [52:58, 4.31it/s, bound:44 nc: 10 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.292>0.1]

8188it [52:58, 5.21it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.292>0.1]

8189it [52:58, 5.71it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.291>0.1]

8190it [52:59, 3.59it/s, bound:44 nc: 13 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.291>0.1]

8191it [52:59, 2.81it/s, bound:44 nc: 7 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.291>0.1]

8192it [52:59, 2.82it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.290>0.1]

8193it [53:00, 3.03it/s, bound:44 nc: 4 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.290>0.1]

8194it [53:00, 2.20it/s, bound:44 nc: 10 ncall:6.1e+04 eff:13.3% logz-ratio=287.28+/-0.10 dlogz:0.290>0.1]

8195it [53:01, 2.56it/s, bound:44 nc: 3 ncall:6.1e+04 eff:13.3% logz-ratio=287.29+/-0.10 dlogz:0.290>0.1]

8196it [53:01, 2.60it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.29+/-0.10 dlogz:0.289>0.1]

8197it [53:01, 2.77it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.29+/-0.10 dlogz:0.289>0.1]

8198it [53:02, 3.45it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.29+/-0.10 dlogz:0.289>0.1]

8199it [53:02, 4.14it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.29+/-0.10 dlogz:0.288>0.1]

8200it [53:02, 4.82it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-ratio=287.29+/-0.10 dlogz:0.288>0.1]

8201it [53:02, 5.43it/s, bound:44 nc: 5 ncall:6.1e+04 eff:13.3% logz-

ratio=287.29+/-0.10 dlogz:0.288>0.1]

8202it [53:02, 4.79it/s, bound:44 nc: 9 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.287>0.1]

8203it [53:02, 5.42it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.287>0.1]

8204it [53:03, 3.63it/s, bound:44 nc: 15 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.287>0.1]

8205it [53:03, 4.05it/s, bound:44 nc: 4 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.287>0.1]

8206it [53:03, 3.59it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.286>0.1]

8207it [53:04, 3.34it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.286>0.1]

8208it [53:04, 3.23it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.286>0.1]

8209it [53:04, 3.17it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.285>0.1]

8211it [53:05, 3.97it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.285>0.1]

8212it [53:05, 3.93it/s, bound:44 nc: 9 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.285>0.1]

8213it [53:05, 3.57it/s, bound:44 nc: 8 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.284>0.1]

8214it [53:05, 4.13it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.284>0.1]

8215it [53:06, 3.98it/s, bound:44 nc: 9 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.284>0.1]

8216it [53:06, 4.60it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.283>0.1]

8218it [53:06, 4.70it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.283>0.1]

8219it [53:06, 3.92it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-

ratio=287.29+/-0.10 dlogz:0.283>0.1]

8220it [53:07, 3.54it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.282>0.1]

8221it [53:07, 4.11it/s, bound:44 nc: 2 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.282>0.1]

8222it [53:07, 3.43it/s, bound:44 nc: 8 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.282>0.1]

8224it [53:08, 4.21it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.281>0.1]

8225it [53:08, 4.89it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.281>0.1]

8226it [53:08, 3.55it/s, bound:44 nc: 15 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.281>0.1]

8228it [53:08, 4.43it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.280>0.1]

8229it [53:08, 5.09it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.280>0.1]

8230it [53:09, 5.50it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.279>0.1]

8231it [53:09, 5.05it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.279>0.1]

8232it [53:09, 4.20it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.279>0.1]

8233it [53:10, 2.44it/s, bound:44 nc: 10 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.279>0.1]

8234it [53:10, 2.75it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.278>0.1]

8235it [53:10, 3.45it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.278>0.1]

8236it [53:10, 4.24it/s, bound:44 nc: 4 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.278>0.1]

8237it [53:11, 4.95it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-

ratio=287.29+/-0.10 dlogz:0.277>0.1]

8238it [53:11, 4.46it/s, bound:44 nc: 9 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.277>0.1]

8239it [53:11, 5.03it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.277>0.1]

8240it [53:11, 5.49it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.277>0.1]

8241it [53:11, 6.00it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.3% logz-
ratio=287.29+/-0.10 dlogz:0.276>0.1]

8242it [53:11, 6.37it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.29+/-0.10 dlogz:0.276>0.1]

8243it [53:12, 7.03it/s, bound:44 nc: 4 ncall:6.2e+04 eff:13.4% logz-
ratio=287.29+/-0.10 dlogz:0.276>0.1]

8244it [53:12, 7.27it/s, bound:44 nc: 4 ncall:6.2e+04 eff:13.4% logz-
ratio=287.29+/-0.10 dlogz:0.275>0.1]

8245it [53:12, 5.15it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.29+/-0.10 dlogz:0.275>0.1]

8246it [53:12, 4.57it/s, bound:44 nc: 4 ncall:6.2e+04 eff:13.4% logz-
ratio=287.29+/-0.10 dlogz:0.275>0.1]

8247it [53:13, 3.86it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.29+/-0.10 dlogz:0.275>0.1]

8248it [53:13, 3.54it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.29+/-0.10 dlogz:0.274>0.1]

8249it [53:13, 4.12it/s, bound:44 nc: 2 ncall:6.2e+04 eff:13.4% logz-
ratio=287.29+/-0.10 dlogz:0.274>0.1]

8250it [53:14, 2.59it/s, bound:44 nc: 10 ncall:6.2e+04 eff:13.4% logz-
ratio=287.29+/-0.10 dlogz:0.274>0.1]

8251it [53:14, 2.13it/s, bound:44 nc: 9 ncall:6.2e+04 eff:13.4% logz-
ratio=287.29+/-0.10 dlogz:0.273>0.1]

8252it [53:15, 2.33it/s, bound:44 nc: 10 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.273>0.1]

8253it [53:15, 2.98it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.4% logz-

ratio=287.30+/-0.10 dlogz:0.273>0.1]

8254it [53:15, 3.75it/s, bound:44 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.273>0.1]

8255it [53:15, 3.30it/s, bound:44 nc: 13 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.272>0.1]

8256it [53:16, 3.94it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.272>0.1]

8257it [53:16, 3.95it/s, bound:44 nc: 8 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.272>0.1]

8258it [53:16, 4.72it/s, bound:44 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.271>0.1]

8259it [53:16, 5.48it/s, bound:44 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.271>0.1]

8260it [53:16, 6.03it/s, bound:44 nc: 3 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.271>0.1]

8261it [53:17, 4.55it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.271>0.1]

8262it [53:17, 3.91it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.271>0.1]

8263it [53:17, 3.81it/s, bound:44 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.271>0.1]

8264it [53:17, 3.69it/s, bound:44 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.271>0.1]

8265it [53:18, 3.58it/s, bound:44 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.270>0.1]

8266it [53:18, 3.29it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.270>0.1]

8267it [53:19, 2.30it/s, bound:44 nc: 10 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.270>0.1]

8268it [53:19, 2.60it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.270>0.1]

8269it [53:19, 3.29it/s, bound:44 nc: 5 ncall:6.2e+04 eff:13.4% logz-

ratio=287.30+/-0.10 dlogz:0.269>0.1]

8271it [53:19, 4.10it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.269>0.1]

8272it [53:20, 4.86it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.268>0.1]

8273it [53:20, 5.44it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.268>0.1]

8274it [53:20, 5.81it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.268>0.1]

8275it [53:20, 6.23it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.268>0.1]

8276it [53:20, 4.86it/s, bound:45 nc: 10 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.267>0.1]

8277it [53:20, 5.27it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.267>0.1]

8278it [53:21, 5.44it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.267>0.1]

8279it [53:21, 3.44it/s, bound:45 nc: 7 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.266>0.1]

8280it [53:22, 2.36it/s, bound:45 nc: 10 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.266>0.1]

8281it [53:22, 2.75it/s, bound:45 nc: 3 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.266>0.1]

8282it [53:22, 2.81it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.266>0.1]

8283it [53:24, 1.75it/s, bound:45 nc: 14 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.265>0.1]

8284it [53:24, 2.31it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.265>0.1]

8285it [53:24, 2.64it/s, bound:45 nc: 10 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.265>0.1]

8286it [53:24, 3.37it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-

ratio=287.30+/-0.10 dlogz:0.265>0.1]

8287it [53:24, 3.36it/s, bound:45 nc: 9 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.264>0.1]

8288it [53:24, 4.10it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.264>0.1]

8290it [53:25, 4.88it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.264>0.1]

8292it [53:25, 5.06it/s, bound:45 nc: 9 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.263>0.1]

8293it [53:25, 3.58it/s, bound:45 nc: 6 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.263>0.1]

8294it [53:26, 3.87it/s, bound:45 nc: 3 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.262>0.1]

8295it [53:26, 3.51it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.262>0.1]

8296it [53:26, 3.34it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.262>0.1]

8297it [53:27, 3.43it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.262>0.1]

8298it [53:27, 3.24it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.261>0.1]

8299it [53:27, 3.13it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.261>0.1]

8300it [53:28, 3.26it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.261>0.1]

8301it [53:28, 2.89it/s, bound:45 nc: 8 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.261>0.1]

8303it [53:28, 3.60it/s, bound:45 nc: 7 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.260>0.1]

8304it [53:28, 4.37it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-
ratio=287.30+/-0.10 dlogz:0.260>0.1]

8305it [53:28, 5.17it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-

ratio=287.30+/-0.10 dlogz:0.259>0.1]

8306it [53:29, 5.93it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.259>0.1]

8308it [53:29, 6.59it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.259>0.1]

8309it [53:29, 6.72it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.258>0.1]

8310it [53:29, 5.13it/s, bound:45 nc: 9 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.258>0.1]

8311it [53:29, 5.88it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.30+/-0.10 dlogz:0.258>0.1]

8312it [53:30, 5.37it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.258>0.1]

8313it [53:30, 3.09it/s, bound:45 nc: 9 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.257>0.1]

8314it [53:31, 3.23it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.257>0.1]

8315it [53:31, 3.14it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.257>0.1]

8316it [53:31, 3.81it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.257>0.1]

8317it [53:31, 3.81it/s, bound:45 nc: 10 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.256>0.1]

8318it [53:31, 4.54it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.256>0.1]

8319it [53:32, 4.28it/s, bound:45 nc: 8 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.256>0.1]

8320it [53:32, 4.91it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.256>0.1]

8321it [53:32, 5.39it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.255>0.1]

8322it [53:32, 5.92it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-

ratio=287.31+/-0.10 dlogz:0.255>0.1]

8324it [53:32, 6.91it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.254>0.1]

8325it [53:33, 2.94it/s, bound:45 nc: 13 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.254>0.1]

8326it [53:33, 3.11it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.254>0.1]

8327it [53:34, 3.08it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.254>0.1]

8328it [53:34, 3.29it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.253>0.1]

8329it [53:34, 4.07it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.253>0.1]

8330it [53:35, 3.00it/s, bound:45 nc: 20 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.253>0.1]

8331it [53:35, 3.67it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.253>0.1]

8332it [53:35, 4.23it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.252>0.1]

8334it [53:35, 5.24it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.252>0.1]

8335it [53:35, 6.02it/s, bound:45 nc: 3 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.252>0.1]

8336it [53:35, 6.54it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.251>0.1]

8337it [53:35, 6.39it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.251>0.1]

8338it [53:36, 5.15it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.251>0.1]

8339it [53:36, 4.09it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.251>0.1]

8340it [53:37, 2.94it/s, bound:45 nc: 7 ncall:6.2e+04 eff:13.4% logz-

ratio=287.31+/-0.10 dlogz:0.250>0.1]

8341it [53:37, 3.30it/s, bound:45 nc: 3 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.250>0.1]

8342it [53:37, 3.44it/s, bound:45 nc: 10 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.250>0.1]

8343it [53:37, 3.49it/s, bound:45 nc: 10 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.250>0.1]

8344it [53:37, 4.10it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.249>0.1]

8345it [53:38, 4.69it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.249>0.1]

8347it [53:38, 5.06it/s, bound:45 nc: 9 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.249>0.1]

8348it [53:38, 5.49it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.248>0.1]

8349it [53:39, 3.65it/s, bound:45 nc: 10 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.248>0.1]

8350it [53:39, 3.38it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.248>0.1]

8351it [53:39, 3.25it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.248>0.1]

8352it [53:40, 3.14it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.247>0.1]

8353it [53:40, 3.04it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.247>0.1]

8354it [53:40, 3.14it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.247>0.1]

8355it [53:41, 3.10it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.247>0.1]

8356it [53:41, 3.04it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-
ratio=287.31+/-0.10 dlogz:0.246>0.1]

8357it [53:41, 3.65it/s, bound:45 nc: 2 ncall:6.2e+04 eff:13.4% logz-

ratio=287.31+/-0.10 dlogz:0.246>0.1]

8358it [53:41, 4.12it/s, bound:45 nc: 3 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.246>0.1]

8360it [53:41, 5.00it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.245>0.1]

8361it [53:42, 5.53it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.245>0.1]

8362it [53:42, 5.89it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.245>0.1]

8363it [53:42, 6.69it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.245>0.1]

8364it [53:42, 5.55it/s, bound:45 nc: 8 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.244>0.1]

8365it [53:42, 5.92it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.244>0.1]

8366it [53:42, 6.09it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.244>0.1]

8367it [53:43, 6.24it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.244>0.1]

8368it [53:43, 4.31it/s, bound:45 nc: 8 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.243>0.1]

8369it [53:43, 3.77it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.243>0.1]

8370it [53:44, 2.47it/s, bound:45 nc: 9 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.243>0.1]

8371it [53:44, 2.57it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.243>0.1]

8372it [53:45, 2.81it/s, bound:45 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.242>0.1]

8373it [53:45, 3.18it/s, bound:45 nc: 3 ncall:6.2e+04 eff:13.4% logz-ratio=287.31+/-0.10 dlogz:0.242>0.1]

8374it [53:46, 2.27it/s, bound:45 nc: 10 ncall:6.2e+04 eff:13.4% logz-

ratio=287.31+/-0.10 dlogz:0.242>0.1]

8375it [53:46, 2.80it/s, bound:45 nc: 5 ncall:6.2e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.242>0.1]

8376it [53:46, 3.11it/s, bound:45 nc: 10 ncall:6.2e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.241>0.1]

8377it [53:46, 3.87it/s, bound:46 nc: 4 ncall:6.2e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.241>0.1]

8378it [53:46, 4.41it/s, bound:46 nc: 5 ncall:6.3e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.241>0.1]

8380it [53:46, 5.54it/s, bound:46 nc: 3 ncall:6.3e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.240>0.1]

8381it [53:47, 6.11it/s, bound:46 nc: 4 ncall:6.3e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.240>0.1]

8382it [53:47, 6.40it/s, bound:46 nc: 5 ncall:6.3e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.240>0.1]

8383it [53:47, 5.50it/s, bound:46 nc: 7 ncall:6.3e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.240>0.1]

8384it [53:47, 5.97it/s, bound:46 nc: 5 ncall:6.3e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.239>0.1]

8385it [53:47, 5.47it/s, bound:46 nc: 5 ncall:6.3e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.239>0.1]

8386it [53:48, 4.30it/s, bound:46 nc: 5 ncall:6.3e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.239>0.1]

8387it [53:48, 3.76it/s, bound:46 nc: 5 ncall:6.3e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.239>0.1]

8388it [53:48, 3.69it/s, bound:46 nc: 4 ncall:6.3e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.238>0.1]

8389it [53:49, 2.40it/s, bound:46 nc: 20 ncall:6.3e+04 eff:13.4% logz-ratio=287.32+/-0.10 dlogz:0.238>0.1]

17:33 bilby INFO   : Written checkpoint file short1/GW150914_1_resume.pickle
17:33 bilby INFO   : Writing 3466 current samples to
short1/GW150914_1_samples.dat

```
8390it [54:18,  9.10s/it, bound:46 nc:  8 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.238>0.1]

8391it [54:19,  6.48s/it, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.238>0.1]

8392it [54:19,  4.62s/it, bound:46 nc:  4 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.237>0.1]

8393it [54:20,  3.41s/it, bound:46 nc:  8 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.237>0.1]

8394it [54:20,  2.55s/it, bound:46 nc:  7 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.237>0.1]

8395it [54:20,  1.89s/it, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.237>0.1]

8396it [54:21,  1.43s/it, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.236>0.1]

8397it [54:21,  1.07s/it, bound:46 nc:  3 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.236>0.1]

8398it [54:21,  1.26it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.236>0.1]

8400it [54:21,  1.72it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.235>0.1]

8401it [54:22,  2.23it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.235>0.1]

8403it [54:22,  2.94it/s, bound:46 nc:  4 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.235>0.1]

8404it [54:22,  3.54it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.234>0.1]

8405it [54:22,  3.17it/s, bound:46 nc: 13 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.234>0.1]

8406it [54:22,  3.81it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.234>0.1]

8407it [54:23,  2.84it/s, bound:46 nc: 10 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.234>0.1]
```

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8408it [54:23,  2.87it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.234>0.1]

8409it [54:24,  2.86it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.233>0.1]

8410it [54:24,  2.15it/s, bound:46 nc: 10 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.233>0.1]

8411it [54:25,  2.34it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.233>0.1]

8412it [54:25,  2.73it/s, bound:46 nc:  3 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.233>0.1]

8413it [54:25,  2.80it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.232>0.1]

8414it [54:26,  2.97it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.232>0.1]

8416it [54:26,  3.85it/s, bound:46 nc:  3 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.232>0.1]

8417it [54:26,  4.55it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.231>0.1]

8418it [54:26,  5.36it/s, bound:46 nc:  4 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.231>0.1]

8419it [54:26,  4.01it/s, bound:46 nc: 14 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.231>0.1]

8420it [54:26,  4.59it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.231>0.1]

8421it [54:27,  5.12it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.230>0.1]

8422it [54:27,  5.59it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.230>0.1]

8424it [54:27,  5.50it/s, bound:46 nc:  7 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.230>0.1]

8425it [54:28,  3.48it/s, bound:46 nc:  7 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.229>0.1]
```

```
8426it [54:28,  3.27it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.229>0.1]

8427it [54:28,  3.16it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.229>0.1]

8428it [54:29,  3.09it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.229>0.1]

8429it [54:29,  2.23it/s, bound:46 nc: 10 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.229>0.1]

8430it [54:30,  2.42it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.228>0.1]

8431it [54:30,  2.81it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.228>0.1]

8432it [54:30,  3.04it/s, bound:46 nc:  9 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.228>0.1]

8433it [54:30,  3.73it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.228>0.1]

8435it [54:31,  4.57it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.227>0.1]

8436it [54:31,  4.31it/s, bound:46 nc:  9 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.227>0.1]

8437it [54:31,  4.82it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.227>0.1]

8438it [54:31,  5.27it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.226>0.1]

8439it [54:31,  5.83it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.226>0.1]

8440it [54:32,  5.55it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.226>0.1]

8441it [54:32,  3.02it/s, bound:46 nc:  9 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.226>0.1]

8442it [54:32,  3.14it/s, bound:46 nc:  4 ncall:6.3e+04 eff:13.4% logz-
ratio=287.32+/-0.10 dlogz:0.226>0.1]
```

```
8443it [54:33,  2.59it/s, bound:46 nc: 10 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.225>0.1]

8444it [54:33,  3.27it/s, bound:46 nc:  4 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.225>0.1]

8445it [54:33,  3.29it/s, bound:46 nc: 10 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.225>0.1]

8446it [54:34,  3.28it/s, bound:46 nc: 10 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.225>0.1]

8447it [54:34,  3.89it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.224>0.1]

8448it [54:34,  4.67it/s, bound:46 nc:  4 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.224>0.1]

8449it [54:34,  4.28it/s, bound:46 nc: 10 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.224>0.1]

8450it [54:34,  4.95it/s, bound:46 nc:  4 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.224>0.1]

8451it [54:35,  4.12it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.223>0.1]

8452it [54:35,  3.70it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.223>0.1]

8453it [54:36,  2.38it/s, bound:46 nc: 10 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.223>0.1]

8455it [54:36,  3.09it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.223>0.1]

8456it [54:36,  3.87it/s, bound:46 nc:  4 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.222>0.1]

8457it [54:36,  3.79it/s, bound:46 nc: 10 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.222>0.1]

8458it [54:37,  4.37it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.222>0.1]

8459it [54:37,  4.90it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.222>0.1]
```

```
8460it [54:37,  5.32it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.221>0.1]

8461it [54:37,  5.91it/s, bound:46 nc:  4 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.221>0.1]

8462it [54:37,  6.29it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.221>0.1]

8464it [54:38,  5.55it/s, bound:46 nc:  8 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.220>0.1]

8465it [54:39,  2.27it/s, bound:46 nc: 14 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.220>0.1]

8466it [54:39,  2.45it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.220>0.1]

8467it [54:39,  2.57it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.220>0.1]

8468it [54:40,  2.69it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.220>0.1]

8469it [54:40,  2.76it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.219>0.1]

8470it [54:40,  2.89it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.219>0.1]

8471it [54:41,  3.23it/s, bound:46 nc:  9 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.219>0.1]

8472it [54:41,  3.52it/s, bound:46 nc:  8 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.219>0.1]

8473it [54:41,  4.13it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.218>0.1]

8474it [54:41,  4.63it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.218>0.1]

8475it [54:41,  5.16it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.218>0.1]

8476it [54:41,  5.74it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.218>0.1]
```

```
8477it [54:41,  5.78it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.218>0.1]

8478it [54:42,  6.19it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.217>0.1]

8479it [54:42,  6.50it/s, bound:46 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.217>0.1]

8480it [54:42,  3.60it/s, bound:47 nc:  7 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.217>0.1]

8481it [54:43,  3.35it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.217>0.1]

8482it [54:43,  3.13it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.216>0.1]

8483it [54:43,  2.95it/s, bound:47 nc: 10 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.216>0.1]

8484it [54:44,  3.45it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.216>0.1]

8485it [54:44,  4.03it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.216>0.1]

8486it [54:44,  3.52it/s, bound:47 nc: 10 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.216>0.1]

8487it [54:44,  3.95it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.215>0.1]

8488it [54:44,  4.38it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.215>0.1]

8489it [54:45,  4.85it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.215>0.1]

8490it [54:45,  3.47it/s, bound:47 nc:  8 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.215>0.1]

8491it [54:45,  3.29it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.214>0.1]

8492it [54:46,  3.16it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.214>0.1]
```

```
8493it [54:46,  3.24it/s, bound:47 nc:  4 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.214>0.1]

8494it [54:46,  3.94it/s, bound:47 nc:  2 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.214>0.1]

8496it [54:46,  4.82it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.213>0.1]

8497it [54:47,  5.62it/s, bound:47 nc:  4 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.213>0.1]

8498it [54:47,  5.09it/s, bound:47 nc:  8 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.213>0.1]

8499it [54:47,  5.49it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.213>0.1]

8500it [54:47,  5.84it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.213>0.1]

8502it [54:47,  6.53it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.212>0.1]

8503it [54:47,  6.49it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.212>0.1]

8504it [54:48,  6.39it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.212>0.1]

8505it [54:48,  5.68it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.211>0.1]

8506it [54:48,  3.11it/s, bound:47 nc:  9 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.211>0.1]

8507it [54:49,  3.08it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.211>0.1]

8508it [54:50,  2.06it/s, bound:47 nc: 11 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.211>0.1]

8509it [54:50,  1.85it/s, bound:47 nc:  9 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.211>0.1]

8510it [54:51,  2.12it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.210>0.1]
```

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8512it [54:51,  2.64it/s, bound:47 nc:  9 ncall:6.3e+04 eff:13.4% logz-
ratio=287.33+/-0.10 dlogz:0.210>0.1]

8513it [54:51,  3.33it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.33+/-0.10 dlogz:0.210>0.1]

8514it [54:51,  3.83it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.209>0.1]

8515it [54:51,  4.40it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.209>0.1]

8516it [54:52,  4.01it/s, bound:47 nc: 10 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.209>0.1]

8517it [54:52,  4.53it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.209>0.1]

8518it [54:52,  5.01it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.209>0.1]

8519it [54:52,  5.70it/s, bound:47 nc:  4 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.208>0.1]

8520it [54:53,  3.35it/s, bound:47 nc:  8 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.208>0.1]

8521it [54:53,  3.20it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.208>0.1]

8522it [54:53,  3.08it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.208>0.1]

8523it [54:54,  2.62it/s, bound:47 nc: 15 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.208>0.1]

8524it [54:54,  3.27it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.207>0.1]

8525it [54:54,  3.84it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.207>0.1]

8526it [54:54,  4.02it/s, bound:47 nc:  7 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.207>0.1]

8527it [54:55,  4.82it/s, bound:47 nc:  4 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.207>0.1]
```

```
8528it [54:55,  5.64it/s, bound:47 nc:  4 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.206>0.1]

8529it [54:55,  5.35it/s, bound:47 nc:  7 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.206>0.1]

8530it [54:55,  5.81it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.206>0.1]

8531it [54:56,  2.51it/s, bound:47 nc: 13 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.206>0.1]

8532it [54:56,  2.59it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.206>0.1]

8533it [54:57,  2.67it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.205>0.1]

8534it [54:57,  2.72it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.205>0.1]

8535it [54:57,  2.90it/s, bound:47 nc:  4 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.205>0.1]

8536it [54:58,  3.05it/s, bound:47 nc:  4 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.205>0.1]

8537it [54:58,  2.87it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.205>0.1]

8538it [54:58,  2.98it/s, bound:47 nc:  9 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.204>0.1]

8539it [54:59,  3.05it/s, bound:47 nc:  9 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.204>0.1]

8540it [54:59,  3.58it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.204>0.1]

8542it [54:59,  4.16it/s, bound:47 nc:  8 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.204>0.1]

8543it [54:59,  3.97it/s, bound:47 nc: 10 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.203>0.1]

8544it [54:59,  4.56it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.203>0.1]
```

```
8545it [55:00,  4.39it/s, bound:47 nc:  4 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.203>0.1]

8546it [55:00,  3.80it/s, bound:47 nc:  5 ncall:6.3e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.203>0.1]

8547it [55:00,  3.32it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.203>0.1]

8548it [55:01,  3.19it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.202>0.1]

8549it [55:01,  3.47it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.202>0.1]

8551it [55:01,  3.64it/s, bound:47 nc: 15 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.202>0.1]

8552it [55:02,  4.28it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.201>0.1]

8553it [55:02,  4.97it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.201>0.1]

8554it [55:02,  5.01it/s, bound:47 nc:  6 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.201>0.1]

8555it [55:02,  5.54it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.201>0.1]

8557it [55:02,  6.56it/s, bound:47 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.200>0.1]

8558it [55:02,  6.69it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.200>0.1]

8559it [55:03,  5.63it/s, bound:47 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.200>0.1]

8560it [55:03,  4.46it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.200>0.1]

8561it [55:04,  2.99it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.200>0.1]

8562it [55:04,  2.99it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.199>0.1]
```

8563it [55:04, 3.46it/s, bound:47 nc: 7 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.199>0.1]

8564it [55:04, 3.69it/s, bound:47 nc: 7 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.199>0.1]

8565it [55:05, 3.34it/s, bound:47 nc: 12 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.199>0.1]

8566it [55:05, 4.06it/s, bound:47 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.199>0.1]

8567it [55:05, 4.94it/s, bound:47 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.198>0.1]

8568it [55:05, 5.32it/s, bound:47 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.198>0.1]

8569it [55:05, 5.81it/s, bound:47 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.198>0.1]

8570it [55:06, 4.32it/s, bound:47 nc: 9 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.198>0.1]

8571it [55:06, 3.75it/s, bound:47 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.198>0.1]

8572it [55:06, 3.41it/s, bound:47 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.197>0.1]

8573it [55:07, 3.23it/s, bound:47 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.197>0.1]

8574it [55:07, 3.33it/s, bound:47 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.197>0.1]

8575it [55:07, 4.10it/s, bound:47 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.197>0.1]

8576it [55:07, 4.93it/s, bound:47 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.197>0.1]

8577it [55:07, 5.55it/s, bound:47 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.196>0.1]

8578it [55:07, 6.07it/s, bound:47 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.34+/-0.10 dlogz:0.196>0.1]

```
8580it [55:08,  6.95it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.196>0.1]

8581it [55:08,  6.72it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.196>0.1]

8582it [55:08,  6.67it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.195>0.1]

8583it [55:08,  6.53it/s, bound:47 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.195>0.1]

8584it [55:09,  3.34it/s, bound:47 nc: 14 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.195>0.1]

8585it [55:09,  3.15it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.195>0.1]

8586it [55:09,  3.75it/s, bound:48 nc:  2 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.195>0.1]

8587it [55:10,  2.16it/s, bound:48 nc: 12 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.194>0.1]

8588it [55:10,  2.35it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.34+/-0.10 dlogz:0.194>0.1]

8589it [55:11,  2.49it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.194>0.1]

8590it [55:11,  2.75it/s, bound:48 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.194>0.1]

8591it [55:11,  3.00it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.194>0.1]

8592it [55:12,  3.48it/s, bound:48 nc:  7 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.193>0.1]

8594it [55:12,  4.35it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.193>0.1]

8595it [55:12,  4.90it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.193>0.1]

8596it [55:12,  5.45it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.193>0.1]
```

8597it [55:12, 6.11it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.192>0.1]

8598it [55:12, 6.83it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.192>0.1]

8599it [55:12, 7.39it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.192>0.1]

8600it [55:12, 7.84it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.192>0.1]

8601it [55:13, 7.91it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.192>0.1]

8603it [55:13, 8.71it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.191>0.1]

8604it [55:13, 5.96it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.191>0.1]

8605it [55:13, 4.54it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.191>0.1]

8606it [55:14, 2.28it/s, bound:48 nc: 14 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.191>0.1]

8607it [55:14, 2.90it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.190>0.1]

8608it [55:15, 3.56it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.190>0.1]

8610it [55:15, 4.39it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.190>0.1]

8611it [55:15, 4.91it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.190>0.1]

8612it [55:15, 5.31it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.189>0.1]

8613it [55:15, 5.68it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.189>0.1]

8614it [55:15, 5.96it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.189>0.1]

8615it [55:15, 6.43it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.189>0.1]

8616it [55:16, 6.65it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.189>0.1]

8617it [55:16, 5.71it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.188>0.1]

8618it [55:16, 4.45it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.188>0.1]

8619it [55:17, 3.85it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.188>0.1]

8620it [55:17, 3.48it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.188>0.1]

8621it [55:17, 3.41it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.188>0.1]

8622it [55:17, 4.12it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.188>0.1]

8623it [55:18, 3.96it/s, bound:48 nc: 10 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.187>0.1]

8625it [55:18, 4.95it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.187>0.1]

8626it [55:18, 5.37it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.187>0.1]

8627it [55:18, 6.07it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.187>0.1]

8628it [55:18, 6.67it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.186>0.1]

8629it [55:18, 6.92it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.186>0.1]

8630it [55:19, 4.05it/s, bound:48 nc: 13 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.186>0.1]

8631it [55:19, 3.66it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.35+/-0.10 dlogz:0.186>0.1]

```
8632it [55:19,  3.42it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.186>0.1]

8633it [55:20,  2.56it/s, bound:48 nc:  8 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.185>0.1]

8634it [55:20,  2.82it/s, bound:48 nc:  9 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.185>0.1]

8635it [55:20,  3.47it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.185>0.1]

8636it [55:21,  2.93it/s, bound:48 nc: 15 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.185>0.1]

8638it [55:21,  3.79it/s, bound:48 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.184>0.1]

8639it [55:21,  3.68it/s, bound:48 nc:  9 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.184>0.1]

8640it [55:22,  4.18it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.184>0.1]

8641it [55:22,  5.01it/s, bound:48 nc:  3 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.184>0.1]

8642it [55:22,  4.13it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.184>0.1]

8643it [55:23,  2.99it/s, bound:48 nc:  7 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.184>0.1]

8644it [55:23,  2.81it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.183>0.1]

8645it [55:23,  3.04it/s, bound:48 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.183>0.1]

8646it [55:24,  2.99it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.183>0.1]

8647it [55:24,  3.58it/s, bound:48 nc:  2 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.183>0.1]

8648it [55:24,  3.30it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.183>0.1]
```

```
8649it [55:25,  2.73it/s, bound:48 nc:  7 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.182>0.1]

8651it [55:25,  3.52it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.182>0.1]

8652it [55:25,  4.19it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.182>0.1]

8653it [55:25,  3.85it/s, bound:48 nc: 10 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.182>0.1]

8654it [55:25,  4.52it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.181>0.1]

8655it [55:26,  5.01it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.181>0.1]

8656it [55:26,  4.21it/s, bound:48 nc: 10 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.181>0.1]

8657it [55:26,  4.75it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.181>0.1]

8658it [55:26,  4.43it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.181>0.1]

8659it [55:27,  3.78it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.181>0.1]

8660it [55:27,  3.75it/s, bound:48 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.180>0.1]

8661it [55:27,  3.46it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.180>0.1]

8662it [55:28,  3.06it/s, bound:48 nc:  8 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.180>0.1]

8663it [55:28,  3.85it/s, bound:48 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.180>0.1]

8664it [55:28,  4.71it/s, bound:48 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.180>0.1]

8665it [55:28,  5.19it/s, bound:48 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.179>0.1]
```

```
8666it [55:28,  5.78it/s, bound:48 nc:  3 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.179>0.1]

8667it [55:28,  5.99it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.179>0.1]

8668it [55:28,  6.13it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.179>0.1]

8669it [55:29,  6.49it/s, bound:48 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.35+/-0.10 dlogz:0.179>0.1]

8671it [55:29,  7.51it/s, bound:48 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.178>0.1]

8673it [55:29,  7.19it/s, bound:48 nc:  6 ncall:6.4e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.178>0.1]

8674it [55:29,  4.99it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.178>0.1]

8675it [55:30,  4.08it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.178>0.1]

8676it [55:30,  3.64it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.177>0.1]

8677it [55:30,  3.35it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.177>0.1]

8678it [55:31,  3.86it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.177>0.1]

8679it [55:31,  4.20it/s, bound:48 nc:  7 ncall:6.4e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.177>0.1]

8680it [55:31,  4.79it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.177>0.1]

8681it [55:31,  5.65it/s, bound:48 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.177>0.1]

8682it [55:31,  6.40it/s, bound:48 nc:  4 ncall:6.4e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.176>0.1]

8683it [55:31,  6.62it/s, bound:48 nc:  5 ncall:6.4e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.176>0.1]
```

8684it [55:32, 3.46it/s, bound:48 nc: 19 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.176>0.1]

8685it [55:32, 4.00it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.176>0.1]

8686it [55:32, 3.64it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.176>0.1]

8687it [55:33, 3.40it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.175>0.1]

8688it [55:33, 3.46it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.175>0.1]

8689it [55:33, 2.77it/s, bound:48 nc: 9 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.175>0.1]

8690it [55:34, 3.46it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.175>0.1]

8691it [55:34, 4.28it/s, bound:48 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.175>0.1]

8693it [55:34, 5.33it/s, bound:48 nc: 3 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.174>0.1]

8694it [55:34, 5.66it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.174>0.1]

8695it [55:34, 4.03it/s, bound:48 nc: 14 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.174>0.1]

8696it [55:35, 4.61it/s, bound:48 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.174>0.1]

8697it [55:35, 5.08it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.174>0.1]

8698it [55:35, 5.57it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.173>0.1]

8699it [55:36, 2.20it/s, bound:49 nc: 15 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.173>0.1]

8700it [55:36, 2.38it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.173>0.1]

8701it [55:37, 2.47it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.173>0.1]

8702it [55:37, 2.60it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.173>0.1]

8703it [55:37, 2.69it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.173>0.1]

8704it [55:38, 2.74it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.172>0.1]

8705it [55:38, 3.14it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.172>0.1]

8707it [55:38, 3.92it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.172>0.1]

8708it [55:38, 3.91it/s, bound:49 nc: 9 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.172>0.1]

8709it [55:39, 2.96it/s, bound:49 nc: 17 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.172>0.1]

8710it [55:39, 3.57it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.171>0.1]

8711it [55:39, 4.27it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.171>0.1]

8712it [55:39, 4.76it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.171>0.1]

8713it [55:40, 4.00it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.171>0.1]

8714it [55:40, 3.57it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.171>0.1]

8715it [55:40, 3.42it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.170>0.1]

8716it [55:41, 3.18it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.170>0.1]

8717it [55:41, 3.33it/s, bound:49 nc: 8 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.170>0.1]

8718it [55:41, 4.04it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.170>0.1]

8719it [55:41, 4.79it/s, bound:49 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.170>0.1]

8720it [55:41, 5.22it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.170>0.1]

8721it [55:42, 4.63it/s, bound:49 nc: 10 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.169>0.1]

8722it [55:42, 5.46it/s, bound:49 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.169>0.1]

8723it [55:42, 5.61it/s, bound:49 nc: 5 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.169>0.1]

8724it [55:42, 4.67it/s, bound:49 nc: 10 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.169>0.1]

8725it [55:43, 2.75it/s, bound:49 nc: 10 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.169>0.1]

8726it [55:43, 2.94it/s, bound:49 nc: 4 ncall:6.4e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.169>0.1]

8727it [55:44, 2.94it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.168>0.1]

8728it [55:44, 3.22it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.168>0.1]

8729it [55:44, 3.71it/s, bound:49 nc: 7 ncall:6.5e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.168>0.1]

8730it [55:44, 4.39it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.168>0.1]

8731it [55:44, 4.99it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.168>0.1]

8732it [55:44, 5.69it/s, bound:49 nc: 4 ncall:6.5e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.168>0.1]

8733it [55:45, 6.04it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.167>0.1]

```
8734it [55:45,  4.91it/s, bound:49 nc: 10 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.167>0.1]

8735it [55:45,  5.58it/s, bound:49 nc:  4 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.167>0.1]

8736it [55:45,  4.57it/s, bound:49 nc: 10 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.167>0.1]

8737it [55:46,  4.26it/s, bound:49 nc:  4 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.167>0.1]

8738it [55:46,  3.72it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.166>0.1]

8739it [55:46,  3.43it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.166>0.1]

8740it [55:47,  2.72it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.166>0.1]

8741it [55:47,  3.45it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.166>0.1]

8742it [55:47,  4.10it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.166>0.1]

8743it [55:47,  4.35it/s, bound:49 nc:  7 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.166>0.1]

8744it [55:47,  4.98it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.165>0.1]

8745it [55:47,  5.75it/s, bound:49 nc:  4 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.165>0.1]

8747it [55:48,  5.67it/s, bound:49 nc: 10 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.165>0.1]

8748it [55:48,  4.21it/s, bound:49 nc: 12 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.165>0.1]

8749it [55:49,  3.72it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.165>0.1]

8750it [55:49,  3.66it/s, bound:49 nc:  4 ncall:6.5e+04 eff:13.5% logz-
ratio=287.36+/-0.10 dlogz:0.164>0.1]
```

8751it [55:49, 3.37it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.164>0.1]

8752it [55:50, 3.23it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.164>0.1]

8753it [55:50, 3.54it/s, bound:49 nc: 3 ncall:6.5e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.164>0.1]

8754it [55:50, 3.36it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.164>0.1]

8755it [55:50, 3.21it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.36+/-0.10 dlogz:0.164>0.1]

8756it [55:51, 3.12it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.37+/-0.10 dlogz:0.163>0.1]

8757it [55:51, 3.07it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.37+/-0.10 dlogz:0.163>0.1]

8758it [55:51, 3.81it/s, bound:49 nc: 3 ncall:6.5e+04 eff:13.5% logz-ratio=287.37+/-0.10 dlogz:0.163>0.1]

8759it [55:51, 4.53it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.37+/-0.10 dlogz:0.163>0.1]

8760it [55:52, 4.30it/s, bound:49 nc: 10 ncall:6.5e+04 eff:13.5% logz-ratio=287.37+/-0.10 dlogz:0.163>0.1]

8761it [55:52, 3.38it/s, bound:49 nc: 15 ncall:6.5e+04 eff:13.5% logz-ratio=287.37+/-0.10 dlogz:0.163>0.1]

8762it [55:52, 3.93it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.37+/-0.10 dlogz:0.162>0.1]

8763it [55:52, 3.88it/s, bound:49 nc: 8 ncall:6.5e+04 eff:13.5% logz-ratio=287.37+/-0.10 dlogz:0.162>0.1]

8764it [55:53, 4.52it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.37+/-0.10 dlogz:0.162>0.1]

8765it [55:53, 4.07it/s, bound:49 nc: 5 ncall:6.5e+04 eff:13.5% logz-ratio=287.37+/-0.10 dlogz:0.162>0.1]

8766it [55:53, 3.87it/s, bound:49 nc: 4 ncall:6.5e+04 eff:13.5% logz-ratio=287.37+/-0.10 dlogz:0.162>0.1]

```
8767it [55:54,  2.49it/s, bound:49 nc: 10 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.162>0.1]

8768it [55:54,  2.83it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.161>0.1]

8769it [55:54,  3.54it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.161>0.1]

8770it [55:54,  4.16it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.161>0.1]

8771it [55:55,  4.84it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.161>0.1]

8772it [55:55,  5.51it/s, bound:49 nc:  4 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.161>0.1]

8773it [55:55,  6.25it/s, bound:49 nc:  4 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.161>0.1]

8774it [55:55,  4.80it/s, bound:49 nc: 10 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.160>0.1]

8775it [55:55,  5.59it/s, bound:49 nc:  4 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.160>0.1]

8776it [55:55,  6.18it/s, bound:49 nc:  4 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.160>0.1]

8777it [55:55,  6.64it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.160>0.1]

8779it [55:56,  6.76it/s, bound:49 nc:  4 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.160>0.1]

8780it [55:56,  4.94it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.159>0.1]

8781it [55:57,  3.10it/s, bound:49 nc:  8 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.159>0.1]

8782it [55:57,  3.04it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.5% logz-
ratio=287.37+/-0.10 dlogz:0.159>0.1]

8784it [55:57,  3.93it/s, bound:49 nc:  3 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.159>0.1]
```

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8786it [55:58,  4.12it/s, bound:49 nc: 11 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.159>0.1]

8787it [55:58,  4.74it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.158>0.1]

8788it [55:58,  5.30it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.158>0.1]

8790it [55:58,  6.20it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.158>0.1]

8791it [55:58,  6.35it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.158>0.1]

8792it [55:58,  6.31it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.158>0.1]

8793it [55:59,  3.78it/s, bound:49 nc: 10 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.157>0.1]

8794it [55:59,  2.85it/s, bound:49 nc:  7 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.157>0.1]

8795it [56:00,  2.84it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.157>0.1]

8796it [56:00,  2.88it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.157>0.1]

8797it [56:00,  2.86it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.157>0.1]

8798it [56:01,  2.86it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.157>0.1]

8799it [56:01,  2.85it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.156>0.1]

8800it [56:01,  2.96it/s, bound:49 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.156>0.1]

8801it [56:02,  3.25it/s, bound:50 nc:  9 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.156>0.1]

8802it [56:02,  3.93it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.156>0.1]
```

```
8803it [56:02,  4.58it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.156>0.1]

8804it [56:02,  5.03it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.156>0.1]

8805it [56:03,  3.36it/s, bound:50 nc: 16 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.155>0.1]

8806it [56:03,  3.90it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.155>0.1]

8807it [56:03,  4.67it/s, bound:50 nc:  4 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.155>0.1]

8808it [56:03,  3.98it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.155>0.1]

8809it [56:04,  4.16it/s, bound:50 nc:  3 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.155>0.1]

8810it [56:04,  3.67it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.155>0.1]

8811it [56:04,  3.30it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.154>0.1]

8812it [56:04,  3.60it/s, bound:50 nc:  3 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.154>0.1]

8813it [56:05,  3.60it/s, bound:50 nc:  4 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.154>0.1]

8814it [56:05,  3.36it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.154>0.1]

8815it [56:06,  2.54it/s, bound:50 nc:  8 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.154>0.1]

8816it [56:06,  2.59it/s, bound:50 nc:  9 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.154>0.1]

8817it [56:06,  3.13it/s, bound:50 nc:  6 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.154>0.1]

8818it [56:06,  3.81it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.153>0.1]
```

```
8819it [56:06,  4.50it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.153>0.1]

8820it [56:07,  5.02it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.153>0.1]

8821it [56:07,  5.65it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.153>0.1]

8822it [56:07,  4.70it/s, bound:50 nc: 10 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.153>0.1]

8823it [56:07,  5.21it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.153>0.1]

8824it [56:07,  5.57it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.152>0.1]

8825it [56:08,  4.70it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.152>0.1]

8826it [56:08,  3.93it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.152>0.1]

8827it [56:08,  4.48it/s, bound:50 nc:  2 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.152>0.1]

8828it [56:09,  2.27it/s, bound:50 nc: 12 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.152>0.1]

8829it [56:09,  2.41it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.152>0.1]

8830it [56:10,  2.22it/s, bound:50 nc:  7 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.152>0.1]

8831it [56:10,  2.41it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.151>0.1]

8832it [56:10,  3.02it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.151>0.1]

8833it [56:11,  3.73it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.151>0.1]

8834it [56:11,  4.42it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.151>0.1]
```

```
8835it [56:11,  4.11it/s, bound:50 nc: 10 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.151>0.1]

8836it [56:11,  4.71it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.151>0.1]

8837it [56:11,  4.66it/s, bound:50 nc:  7 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.150>0.1]

8838it [56:11,  5.15it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.150>0.1]

8839it [56:12,  5.54it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.150>0.1]

8840it [56:12,  6.12it/s, bound:50 nc:  4 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.150>0.1]

8841it [56:12,  5.05it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.150>0.1]

8842it [56:12,  4.13it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.150>0.1]

8843it [56:13,  2.19it/s, bound:50 nc: 14 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.150>0.1]

8844it [56:13,  2.82it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.149>0.1]

8845it [56:14,  3.23it/s, bound:50 nc:  7 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.149>0.1]

8846it [56:14,  3.93it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.149>0.1]

8847it [56:14,  3.82it/s, bound:50 nc:  9 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.149>0.1]

8848it [56:14,  4.41it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.149>0.1]

8849it [56:14,  5.04it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.37+/-0.10 dlogz:0.149>0.1]

8850it [56:14,  5.43it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.148>0.1]
```

```
8851it [56:15,  5.77it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.148>0.1]

8852it [56:15,  6.25it/s, bound:50 nc:  4 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.148>0.1]

8853it [56:15,  5.21it/s, bound:50 nc:  4 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.148>0.1]

8854it [56:15,  4.16it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.148>0.1]

8855it [56:16,  3.68it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.148>0.1]

8856it [56:16,  3.94it/s, bound:50 nc:  3 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.148>0.1]

8857it [56:16,  3.55it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.147>0.1]

8858it [56:16,  3.83it/s, bound:50 nc:  3 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.147>0.1]

8859it [56:17,  3.78it/s, bound:50 nc:  4 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.147>0.1]

8860it [56:17,  3.51it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.147>0.1]

8861it [56:18,  2.53it/s, bound:50 nc: 10 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.147>0.1]

8862it [56:18,  3.21it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.147>0.1]

8863it [56:18,  3.88it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.146>0.1]

8864it [56:18,  4.44it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.146>0.1]

8865it [56:18,  5.11it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.146>0.1]

8866it [56:18,  5.71it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.146>0.1]
```

```
8867it [56:19,  5.99it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.146>0.1]

8868it [56:19,  6.48it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.146>0.1]

8869it [56:19,  5.06it/s, bound:50 nc: 10 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.146>0.1]

8870it [56:19,  5.45it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.145>0.1]

8871it [56:20,  3.63it/s, bound:50 nc:  8 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.145>0.1]

8872it [56:20,  3.38it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.145>0.1]

8873it [56:20,  3.48it/s, bound:50 nc:  4 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.145>0.1]

8874it [56:21,  2.86it/s, bound:50 nc:  8 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.145>0.1]

8875it [56:21,  3.58it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.145>0.1]

8877it [56:21,  4.65it/s, bound:50 nc:  3 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.144>0.1]

8878it [56:21,  4.33it/s, bound:50 nc: 10 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.144>0.1]

8879it [56:22,  3.94it/s, bound:50 nc: 10 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.144>0.1]

8880it [56:22,  4.66it/s, bound:50 nc:  4 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.144>0.1]

8881it [56:22,  5.21it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.144>0.1]

8882it [56:22,  5.72it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.144>0.1]

8883it [56:23,  3.08it/s, bound:50 nc: 12 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.144>0.1]
```

```
8884it [56:23,  3.66it/s, bound:50 nc:  2 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.143>0.1]

8885it [56:23,  3.38it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.143>0.1]

8886it [56:24,  1.91it/s, bound:50 nc: 14 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.143>0.1]

8887it [56:24,  2.22it/s, bound:50 nc:  4 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.143>0.1]

8888it [56:25,  2.50it/s, bound:50 nc:  4 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.143>0.1]

8889it [56:25,  2.63it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.143>0.1]

8890it [56:25,  3.28it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.142>0.1]

8891it [56:25,  4.02it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.142>0.1]

8893it [56:26,  4.90it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.142>0.1]

8894it [56:26,  5.38it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.142>0.1]

8895it [56:26,  3.73it/s, bound:50 nc: 15 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.142>0.1]

8896it [56:26,  4.40it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.142>0.1]

8897it [56:26,  4.91it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.141>0.1]

8898it [56:27,  5.35it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.141>0.1]

8899it [56:27,  4.46it/s, bound:50 nc:  5 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.141>0.1]

8900it [56:28,  2.64it/s, bound:50 nc: 10 ncall:6.5e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.141>0.1]
```

```
8901it [56:28,  2.85it/s, bound:50 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.141>0.1]

8902it [56:28,  3.28it/s, bound:50 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.141>0.1]

8903it [56:28,  4.05it/s, bound:50 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.141>0.1]

8904it [56:28,  4.11it/s, bound:50 nc:  9 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.140>0.1]

8905it [56:29,  4.26it/s, bound:51 nc:  7 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.140>0.1]

8906it [56:29,  4.82it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.140>0.1]

8907it [56:29,  3.07it/s, bound:51 nc: 20 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.140>0.1]

8908it [56:30,  3.72it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.140>0.1]

8909it [56:30,  3.44it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.140>0.1]

8910it [56:30,  3.27it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.140>0.1]

8911it [56:31,  2.31it/s, bound:51 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.139>0.1]

8912it [56:31,  2.74it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.139>0.1]

8914it [56:31,  3.47it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.139>0.1]

8915it [56:31,  4.14it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.139>0.1]

8916it [56:32,  4.82it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.139>0.1]

8917it [56:32,  5.30it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.139>0.1]
```

```
8918it [56:32,  5.80it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.138>0.1]

8919it [56:32,  5.07it/s, bound:51 nc:  9 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.138>0.1]

8920it [56:32,  4.87it/s, bound:51 nc:  7 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.138>0.1]

8921it [56:33,  4.88it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.138>0.1]

8922it [56:33,  4.06it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.138>0.1]

8923it [56:33,  3.64it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.138>0.1]

8924it [56:33,  4.20it/s, bound:51 nc:  2 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.138>0.1]

8925it [56:34,  3.71it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.137>0.1]

8926it [56:34,  2.99it/s, bound:51 nc: 14 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.137>0.1]

8927it [56:34,  3.69it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.137>0.1]

8928it [56:34,  4.42it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.137>0.1]

8929it [56:35,  5.05it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.137>0.1]

8930it [56:35,  4.65it/s, bound:51 nc:  8 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.137>0.1]

8931it [56:35,  5.19it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.137>0.1]

8932it [56:35,  4.57it/s, bound:51 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.136>0.1]

8934it [56:36,  4.83it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.136>0.1]
```

```
8935it [56:36,  4.00it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.136>0.1]

8936it [56:36,  3.58it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.136>0.1]

8937it [56:37,  3.60it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.136>0.1]

8938it [56:37,  3.58it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.136>0.1]

8939it [56:38,  2.09it/s, bound:51 nc: 12 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.136>0.1]

8940it [56:38,  2.27it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.135>0.1]

8941it [56:38,  2.67it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.135>0.1]

8943it [56:39,  3.42it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.135>0.1]

8944it [56:39,  3.72it/s, bound:51 nc:  7 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.135>0.1]

8945it [56:39,  4.39it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.135>0.1]

8946it [56:39,  4.92it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.135>0.1]

8947it [56:39,  5.61it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.134>0.1]

8948it [56:39,  6.03it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.134>0.1]

8950it [56:40,  6.86it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.38+/-0.10 dlogz:0.134>0.1]

8951it [56:40,  4.93it/s, bound:51 nc:  9 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.134>0.1]

8952it [56:41,  3.04it/s, bound:51 nc:  8 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.134>0.1]
```

```
8953it [56:41,  2.31it/s, bound:51 nc:  9 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.134>0.1]

8954it [56:41,  2.77it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.133>0.1]

8955it [56:42,  3.24it/s, bound:51 nc:  7 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.133>0.1]

8956it [56:42,  3.96it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.133>0.1]

8958it [56:42,  4.41it/s, bound:51 nc:  9 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.133>0.1]

8959it [56:42,  4.95it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.133>0.1]

8960it [56:42,  5.42it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.133>0.1]

8961it [56:42,  5.92it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.132>0.1]

8962it [56:43,  6.30it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.132>0.1]

8963it [56:43,  6.42it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.132>0.1]

8964it [56:43,  5.02it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.132>0.1]

8965it [56:44,  2.87it/s, bound:51 nc:  8 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.132>0.1]

8966it [56:45,  2.12it/s, bound:51 nc:  9 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.132>0.1]

8967it [56:45,  2.29it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.132>0.1]

8968it [56:45,  2.27it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.132>0.1]

8969it [56:46,  2.50it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.131>0.1]
```

```
8970it [56:46,  2.58it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.131>0.1]

8971it [56:47,  2.11it/s, bound:51 nc:  9 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.131>0.1]

8972it [56:47,  2.41it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.131>0.1]

8973it [56:47,  2.44it/s, bound:51 nc:  8 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.131>0.1]

8974it [56:48,  2.71it/s, bound:51 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.131>0.1]

8975it [56:48,  3.41it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.131>0.1]

8977it [56:48,  4.33it/s, bound:51 nc:  3 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.130>0.1]

8978it [56:48,  4.91it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.130>0.1]

8979it [56:48,  4.79it/s, bound:51 nc:  7 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.130>0.1]

8980it [56:49,  4.18it/s, bound:51 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.130>0.1]

8981it [56:49,  5.07it/s, bound:51 nc:  3 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.130>0.1]

8982it [56:49,  4.52it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.130>0.1]

8983it [56:49,  3.85it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.130>0.1]

8984it [56:50,  3.71it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.129>0.1]

8985it [56:50,  3.41it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.129>0.1]

8986it [56:50,  3.20it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.129>0.1]
```

```
8987it [56:51,  3.30it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.129>0.1]

8988it [56:51,  3.17it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.129>0.1]

8989it [56:51,  3.11it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.129>0.1]

8990it [56:52,  2.99it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.129>0.1]

8991it [56:52,  3.70it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.128>0.1]

8992it [56:52,  4.50it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.128>0.1]

8993it [56:52,  4.28it/s, bound:51 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.128>0.1]

8994it [56:52,  5.16it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.128>0.1]

8995it [56:52,  5.74it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.128>0.1]

8997it [56:53,  6.68it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.128>0.1]

8998it [56:53,  7.15it/s, bound:51 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.128>0.1]

8999it [56:53,  6.99it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.127>0.1]

9000it [56:53,  5.17it/s, bound:51 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.127>0.1]

9001it [56:53,  4.42it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.127>0.1]

9002it [56:54,  3.87it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.127>0.1]

9003it [56:54,  3.49it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.127>0.1]
```

```
9004it [56:54,  3.28it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.127>0.1]

9005it [56:55,  3.21it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.127>0.1]

9006it [56:55,  3.14it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.127>0.1]

9007it [56:56,  2.24it/s, bound:51 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.126>0.1]

9008it [56:56,  2.53it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.126>0.1]

9009it [56:56,  3.22it/s, bound:51 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.126>0.1]

9010it [56:56,  3.72it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.126>0.1]

9011it [56:57,  4.32it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.126>0.1]

9012it [56:57,  4.96it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.126>0.1]

9014it [56:57,  5.96it/s, bound:52 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.125>0.1]

9015it [56:57,  6.23it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.125>0.1]

9017it [56:57,  6.12it/s, bound:52 nc:  8 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.125>0.1]

9018it [56:57,  6.33it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.125>0.1]

9019it [56:58,  6.24it/s, bound:52 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.125>0.1]

9020it [56:58,  4.61it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.125>0.1]

9021it [56:58,  3.90it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.125>0.1]
```

```
9022it [56:59,  3.47it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.124>0.1]

9023it [56:59,  3.32it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.124>0.1]

9024it [56:59,  4.10it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.124>0.1]

9025it [56:59,  4.87it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.124>0.1]

9026it [56:59,  5.36it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.124>0.1]

9028it [57:00,  6.35it/s, bound:52 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.124>0.1]

9030it [57:00,  6.08it/s, bound:52 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.123>0.1]

9031it [57:00,  6.86it/s, bound:52 nc:  3 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.123>0.1]

9032it [57:00,  7.40it/s, bound:52 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.123>0.1]

9033it [57:00,  7.36it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.123>0.1]

9034it [57:00,  7.17it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.123>0.1]

9035it [57:01,  4.11it/s, bound:52 nc:  7 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.123>0.1]

9036it [57:01,  3.00it/s, bound:52 nc:  7 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.123>0.1]

9037it [57:02,  2.22it/s, bound:52 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.123>0.1]

9038it [57:02,  2.61it/s, bound:52 nc:  3 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.122>0.1]

9039it [57:03,  2.69it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.122>0.1]
```

```
9040it [57:03,  2.88it/s, bound:52 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.122>0.1]

9041it [57:03,  2.89it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.122>0.1]

9042it [57:04,  3.48it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.122>0.1]

9043it [57:04,  4.23it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.122>0.1]

9044it [57:04,  4.91it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.122>0.1]

9045it [57:04,  4.33it/s, bound:52 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.122>0.1]

9046it [57:04,  4.95it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.121>0.1]

9047it [57:04,  5.51it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.121>0.1]

9048it [57:05,  4.90it/s, bound:52 nc:  8 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.121>0.1]

9050it [57:05,  5.66it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.121>0.1]

9051it [57:05,  3.19it/s, bound:52 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.121>0.1]

9052it [57:06,  3.12it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.121>0.1]

9053it [57:06,  3.44it/s, bound:52 nc:  3 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.121>0.1]

9054it [57:06,  3.26it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.120>0.1]

9055it [57:07,  3.93it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.120>0.1]

9057it [57:07,  4.82it/s, bound:52 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.120>0.1]
```

```
9058it [57:07,  3.64it/s, bound:52 nc: 15 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.120>0.1]

9059it [57:07,  4.34it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.120>0.1]

9060it [57:07,  4.86it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.120>0.1]

9061it [57:08,  5.34it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.39+/-0.10 dlogz:0.120>0.1]

9062it [57:08,  4.51it/s, bound:52 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.40+/-0.10 dlogz:0.119>0.1]

9063it [57:08,  4.02it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.40+/-0.10 dlogz:0.119>0.1]

9064it [57:09,  2.53it/s, bound:52 nc: 10 ncall:6.6e+04 eff:13.6% logz-
ratio=287.40+/-0.10 dlogz:0.119>0.1]

9065it [57:09,  2.63it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.40+/-0.10 dlogz:0.119>0.1]

9066it [57:09,  3.29it/s, bound:52 nc:  2 ncall:6.6e+04 eff:13.6% logz-
ratio=287.40+/-0.10 dlogz:0.119>0.1]

9068it [57:10,  4.18it/s, bound:52 nc:  4 ncall:6.6e+04 eff:13.6% logz-
ratio=287.40+/-0.10 dlogz:0.119>0.1]

9070it [57:10,  4.28it/s, bound:52 nc: 13 ncall:6.6e+04 eff:13.6% logz-
ratio=287.40+/-0.10 dlogz:0.119>0.1]

9071it [57:10,  4.91it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.40+/-0.10 dlogz:0.118>0.1]

9072it [57:10,  5.45it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.6% logz-
ratio=287.40+/-0.10 dlogz:0.118>0.1]

9074it [57:10,  6.32it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.118>0.1]

9075it [57:11,  4.67it/s, bound:52 nc: 10 ncall:6.6e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.118>0.1]

9076it [57:11,  4.01it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.118>0.1]
```

```
9077it [57:11,  3.79it/s, bound:52 nc:  4 ncall:6.6e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.118>0.1]

9078it [57:12,  3.47it/s, bound:52 nc:  5 ncall:6.6e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.118>0.1]

9079it [57:12,  3.51it/s, bound:52 nc:  4 ncall:6.6e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.117>0.1]

9080it [57:13,  2.39it/s, bound:52 nc: 10 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.117>0.1]

9081it [57:13,  2.66it/s, bound:52 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.117>0.1]

9082it [57:13,  2.75it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.117>0.1]

9083it [57:14,  2.83it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.117>0.1]

9084it [57:14,  3.50it/s, bound:52 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.117>0.1]

9086it [57:14,  4.41it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.117>0.1]

9087it [57:14,  5.25it/s, bound:52 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.116>0.1]

9088it [57:15,  4.19it/s, bound:52 nc: 12 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.116>0.1]

9089it [57:15,  4.67it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.116>0.1]

9090it [57:15,  4.51it/s, bound:52 nc:  9 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.116>0.1]

9091it [57:15,  4.05it/s, bound:52 nc: 10 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.116>0.1]

9092it [57:15,  4.06it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.116>0.1]

9093it [57:16,  2.92it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.116>0.1]
```

```
9094it [57:17,  2.48it/s, bound:52 nc:  7 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.116>0.1]

9095it [57:17,  2.62it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.116>0.1]

9096it [57:17,  2.86it/s, bound:52 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.115>0.1]

9097it [57:17,  3.18it/s, bound:52 nc:  3 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.115>0.1]

9098it [57:18,  3.12it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.115>0.1]

9099it [57:18,  3.05it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.115>0.1]

9100it [57:18,  3.13it/s, bound:52 nc:  8 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.115>0.1]

9101it [57:18,  3.85it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.115>0.1]

9102it [57:19,  4.64it/s, bound:52 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.115>0.1]

9103it [57:19,  5.41it/s, bound:52 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.115>0.1]

9104it [57:19,  5.90it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.114>0.1]

9105it [57:19,  6.41it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.114>0.1]

9106it [57:19,  7.05it/s, bound:52 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.114>0.1]

9108it [57:19,  7.68it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.114>0.1]

9109it [57:19,  7.44it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.114>0.1]

9110it [57:20,  7.15it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.114>0.1]
```

```
9111it [57:20,  5.87it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.114>0.1]

9112it [57:20,  3.24it/s, bound:52 nc:  8 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.114>0.1]

9113it [57:21,  3.15it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.113>0.1]

9114it [57:21,  3.11it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.113>0.1]

9115it [57:21,  3.02it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.113>0.1]

9116it [57:22,  3.02it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.113>0.1]

9117it [57:22,  2.99it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.113>0.1]

9118it [57:22,  3.16it/s, bound:52 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.113>0.1]

9119it [57:23,  3.36it/s, bound:52 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.113>0.1]

9120it [57:23,  3.12it/s, bound:52 nc: 14 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.113>0.1]

9122it [57:23,  3.73it/s, bound:53 nc:  8 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.112>0.1]

9123it [57:24,  3.72it/s, bound:53 nc:  9 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.112>0.1]

9124it [57:24,  4.32it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.112>0.1]

9125it [57:24,  5.03it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.112>0.1]

9126it [57:24,  4.19it/s, bound:53 nc:  9 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.112>0.1]

9127it [57:25,  3.72it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.112>0.1]
```

```
9128it [57:25,  3.44it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.112>0.1]

9129it [57:25,  2.71it/s, bound:53 nc:  7 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.112>0.1]

9130it [57:26,  2.83it/s, bound:53 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.111>0.1]

9131it [57:26,  2.69it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.111>0.1]

9132it [57:28,  1.41it/s, bound:53 nc: 18 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.111>0.1]

9133it [57:28,  1.65it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.111>0.1]

9134it [57:28,  1.90it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.111>0.1]

9135it [57:29,  2.41it/s, bound:53 nc:  2 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.111>0.1]

9136it [57:29,  2.11it/s, bound:53 nc: 17 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.111>0.1]

9137it [57:29,  2.70it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.111>0.1]

9139it [57:30,  3.42it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.110>0.1]

9140it [57:30,  4.24it/s, bound:53 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.110>0.1]

9141it [57:30,  4.78it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.110>0.1]

9143it [57:30,  5.59it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.110>0.1]

9144it [57:30,  3.98it/s, bound:53 nc:  9 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.110>0.1]

9145it [57:31,  3.57it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.110>0.1]
```

```
9146it [57:31,  3.55it/s, bound:53 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.110>0.1]

9147it [57:31,  3.25it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.110>0.1]

9148it [57:32,  2.72it/s, bound:53 nc:  8 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.109>0.1]

9149it [57:32,  3.40it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.109>0.1]

9150it [57:32,  4.10it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.109>0.1]

9151it [57:32,  4.72it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.109>0.1]

9152it [57:33,  3.55it/s, bound:53 nc: 14 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.109>0.1]

9153it [57:33,  4.12it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.109>0.1]

9154it [57:33,  4.76it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.109>0.1]

9155it [57:33,  5.10it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.109>0.1]

9156it [57:34,  3.65it/s, bound:53 nc:  9 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.109>0.1]

9157it [57:34,  3.62it/s, bound:53 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.108>0.1]

9158it [57:34,  3.41it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.108>0.1]

9159it [57:35,  3.26it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.108>0.1]

9160it [57:35,  3.18it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.108>0.1]

9161it [57:35,  3.08it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.108>0.1]
```

```
9162it [57:36,  1.91it/s, bound:53 nc: 13 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.108>0.1]

9163it [57:36,  2.52it/s, bound:53 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.108>0.1]

9164it [57:36,  3.19it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.108>0.1]

9165it [57:37,  3.85it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.108>0.1]

9166it [57:37,  3.71it/s, bound:53 nc: 10 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.107>0.1]

9167it [57:37,  3.75it/s, bound:53 nc:  9 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.107>0.1]

9168it [57:37,  4.39it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.107>0.1]

9169it [57:37,  4.89it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.107>0.1]

9170it [57:38,  5.31it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.107>0.1]

9171it [57:38,  5.21it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.107>0.1]

9172it [57:38,  4.27it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.107>0.1]

9173it [57:38,  3.99it/s, bound:53 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.107>0.1]

9174it [57:39,  2.67it/s, bound:53 nc:  9 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.107>0.1]

9175it [57:39,  3.11it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.106>0.1]

9176it [57:40,  3.41it/s, bound:53 nc:  9 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.106>0.1]

9177it [57:40,  4.09it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.106>0.1]
```

```
9178it [57:40,  4.28it/s, bound:53 nc:  7 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.106>0.1]

9179it [57:40,  4.90it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.106>0.1]

9180it [57:40,  5.16it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.106>0.1]

9181it [57:40,  5.67it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.106>0.1]

9182it [57:40,  5.89it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.106>0.1]

9183it [57:41,  6.23it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.40+/-0.10 dlogz:0.106>0.1]

9184it [57:41,  4.06it/s, bound:53 nc:  8 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.105>0.1]

9185it [57:41,  3.65it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.105>0.1]

9186it [57:42,  2.76it/s, bound:53 nc:  7 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.105>0.1]

9187it [57:42,  2.66it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.105>0.1]

9188it [57:43,  2.56it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.105>0.1]

9189it [57:43,  2.58it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.105>0.1]

9190it [57:43,  2.81it/s, bound:53 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.105>0.1]

9191it [57:44,  3.09it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.105>0.1]

9193it [57:44,  3.88it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.104>0.1]

9194it [57:44,  4.49it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.104>0.1]
```

9195it [57:44, 5.07it/s, bound:53 nc: 5 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.104>0.1]

9196it [57:44, 5.71it/s, bound:53 nc: 5 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.104>0.1]

9197it [57:44, 6.04it/s, bound:53 nc: 5 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.104>0.1]

9198it [57:45, 6.35it/s, bound:53 nc: 5 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.104>0.1]

9199it [57:45, 6.35it/s, bound:53 nc: 5 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.104>0.1]

9200it [57:45, 6.60it/s, bound:53 nc: 5 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.104>0.1]

9201it [57:45, 6.61it/s, bound:53 nc: 5 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.104>0.1]

9202it [57:45, 6.90it/s, bound:53 nc: 4 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.104>0.1]

9203it [57:45, 4.90it/s, bound:53 nc: 5 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.103>0.1]

9204it [57:46, 4.05it/s, bound:53 nc: 5 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.103>0.1]

9205it [57:46, 3.65it/s, bound:53 nc: 5 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.103>0.1]

9206it [57:46, 3.55it/s, bound:53 nc: 4 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.103>0.1]

9207it [57:47, 3.95it/s, bound:53 nc: 3 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.103>0.1]

9208it [57:47, 4.52it/s, bound:53 nc: 5 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.103>0.1]

9209it [57:47, 4.99it/s, bound:53 nc: 5 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.103>0.1]

9211it [57:47, 5.88it/s, bound:53 nc: 4 ncall:6.7e+04 eff:13.7% logz-ratio=287.41+/-0.10 dlogz:0.103>0.1]

```
9212it [57:47,  6.65it/s, bound:53 nc:  3 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.102>0.1]

9213it [57:47,  7.21it/s, bound:53 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.102>0.1]

9214it [57:48,  5.82it/s, bound:53 nc:  7 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.102>0.1]

9215it [57:48,  6.01it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.102>0.1]

9217it [57:48,  6.79it/s, bound:53 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.102>0.1]

9218it [57:48,  6.37it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.102>0.1]

9219it [57:49,  4.30it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.102>0.1]

9220it [57:49,  3.47it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.102>0.1]

9221it [57:49,  3.03it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.102>0.1]

9222it [57:50,  3.22it/s, bound:53 nc:  3 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.101>0.1]

9223it [57:50,  3.33it/s, bound:53 nc:  4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.101>0.1]

9224it [57:51,  1.66it/s, bound:53 nc: 15 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.101>0.1]

9225it [57:52,  1.82it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.101>0.1]

9226it [57:52,  1.96it/s, bound:53 nc:  5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.101>0.1]

9227it [57:52,  2.38it/s, bound:53 nc:  2 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.101>0.1]

9228it [57:53,  2.67it/s, bound:53 nc:  3 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.101>0.1]
```

9229it [57:53, 2.60it/s, bound:54 nc: 5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.101>0.1]

9230it [57:54, 2.19it/s, bound:54 nc: 7 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.101>0.1]

9231it [57:54, 1.98it/s, bound:54 nc: 7 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.101>0.1]

9232it [57:55, 2.11it/s, bound:54 nc: 5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.100>0.1]

9233it [57:56, 1.66it/s, bound:54 nc: 10 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.100>0.1]

9234it [57:56, 1.93it/s, bound:54 nc: 4 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.100>0.1]

9235it [57:57, 1.57it/s, bound:54 nc: 10 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.100>0.1]

9236it [57:57, 1.74it/s, bound:54 nc: 5 ncall:6.7e+04 eff:13.7% logz-
ratio=287.41+/-0.10 dlogz:0.100>0.1]
17:37 bilby INFO   : Written checkpoint file short1/GW150914_1_resume.pickle
17:37 bilby INFO   : Writing 3415 current samples to
short1/GW150914_1_samples.dat

9236it [58:37, 2.63it/s, bound:54 nc: 1 ncall:6.7e+04 eff:15.2% logz-
ratio=287.49+/-0.11 dlogz:0.000>0.1]

17:38 bilby INFO   : Sampling time: 0:56:55.715075
17:38 bilby INFO   : Reconstructing marginalised parameters.

  0%| | 0/10236 [00:00<?, ?it/s]

  0%| | 2/10236 [00:00<13:26, 12.69it/s]

  0%| | 3/10236 [00:00<20:04, 8.49it/s]

  0%| | 4/10236 [00:00<24:31, 6.95it/s]

  0%| | 5/10236 [00:00<27:08, 6.28it/s]

  0%| | 6/10236 [00:01<31:03, 5.49it/s]

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0%|            | 7/10236 [00:01<31:51,  5.35it/s]

0%|            | 8/10236 [00:01<37:10,  4.58it/s]

0%|            | 9/10236 [00:01<41:53,  4.07it/s]

0%|            | 10/10236 [00:02<44:50,  3.80it/s]

0%|            | 11/10236 [00:02<42:42,  3.99it/s]

0%|            | 12/10236 [00:02<40:37,  4.19it/s]

0%|            | 13/10236 [00:02<38:29,  4.43it/s]

0%|            | 14/10236 [00:02<38:19,  4.45it/s]

0%|            | 15/10236 [00:03<34:34,  4.93it/s]

0%|            | 17/10236 [00:03<27:30,  6.19it/s]

0%|            | 19/10236 [00:03<22:47,  7.47it/s]

0%|            | 21/10236 [00:03<19:35,  8.69it/s]

0%|            | 23/10236 [00:03<17:48,  9.55it/s]

0%|            | 25/10236 [00:03<16:07, 10.55it/s]

0%|            | 27/10236 [00:03<15:17, 11.13it/s]

0%|            | 29/10236 [00:04<14:14, 11.95it/s]

0%|            | 31/10236 [00:04<14:23, 11.82it/s]

0%|            | 33/10236 [00:04<14:31, 11.70it/s]

0%|            | 35/10236 [00:04<16:08, 10.54it/s]

0%|            | 37/10236 [00:05<21:36,  7.87it/s]

0%|            | 38/10236 [00:05<25:37,  6.63it/s]

0%|            | 39/10236 [00:05<27:40,  6.14it/s]

0%|            | 40/10236 [00:05<30:01,  5.66it/s]

0%|            | 41/10236 [00:05<31:20,  5.42it/s]
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0%|              | 42/10236 [00:06<32:35,  5.21it/s]

0%|              | 43/10236 [00:06<33:54,  5.01it/s]

0%|              | 44/10236 [00:06<34:07,  4.98it/s]

0%|              | 45/10236 [00:06<33:50,  5.02it/s]

0%|              | 46/10236 [00:06<34:11,  4.97it/s]

0%|              | 47/10236 [00:07<34:27,  4.93it/s]

0%|              | 48/10236 [00:07<34:34,  4.91it/s]

0%|              | 49/10236 [00:07<32:51,  5.17it/s]

0%|              | 51/10236 [00:07<26:03,  6.52it/s]

1%|              | 53/10236 [00:07<21:33,  7.87it/s]

1%|              | 55/10236 [00:07<18:31,  9.16it/s]

1%|              | 57/10236 [00:08<16:30, 10.27it/s]

1%|              | 59/10236 [00:08<15:44, 10.77it/s]

1%|              | 61/10236 [00:08<14:46, 11.48it/s]

1%|              | 63/10236 [00:08<14:00, 12.11it/s]

1%|              | 65/10236 [00:08<13:23, 12.66it/s]

1%|              | 67/10236 [00:08<13:21, 12.69it/s]

1%|              | 69/10236 [00:08<13:38, 12.43it/s]

1%|              | 71/10236 [00:09<18:52,  8.98it/s]

1%|              | 73/10236 [00:09<23:22,  7.24it/s]

1%|              | 74/10236 [00:09<27:11,  6.23it/s]

1%|              | 75/10236 [00:10<29:12,  5.80it/s]

1%|              | 76/10236 [00:10<30:49,  5.49it/s]

1%|              | 77/10236 [00:10<32:46,  5.17it/s]
```

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1%|              | 78/10236 [00:10<33:43,  5.02it/s]

1%|              | 79/10236 [00:11<34:10,  4.95it/s]

1%|              | 80/10236 [00:11<35:09,  4.81it/s]

1%|              | 81/10236 [00:11<34:47,  4.87it/s]

1%|              | 82/10236 [00:11<34:28,  4.91it/s]

1%|              | 83/10236 [00:11<37:34,  4.50it/s]

1%|              | 84/10236 [00:12<33:00,  5.13it/s]

1%|              | 85/10236 [00:12<29:16,  5.78it/s]

1%|              | 87/10236 [00:12<24:23,  6.93it/s]

1%|              | 89/10236 [00:12<21:14,  7.96it/s]

1%|              | 91/10236 [00:12<18:50,  8.97it/s]

1%|              | 93/10236 [00:12<18:10,  9.30it/s]

1%|              | 95/10236 [00:13<18:51,  8.96it/s]

1%|              | 97/10236 [00:13<17:50,  9.47it/s]

1%|              | 99/10236 [00:13<16:47, 10.06it/s]

1%|              | 101/10236 [00:13<22:10,  7.62it/s]

1%|              | 102/10236 [00:14<25:46,  6.55it/s]

1%|              | 103/10236 [00:14<28:18,  5.97it/s]

1%|              | 104/10236 [00:14<30:38,  5.51it/s]

1%|              | 105/10236 [00:14<31:19,  5.39it/s]

1%|              | 106/10236 [00:14<34:38,  4.87it/s]

1%|              | 107/10236 [00:15<35:08,  4.80it/s]

1%|              | 108/10236 [00:15<34:57,  4.83it/s]

1%|              | 109/10236 [00:15<34:08,  4.94it/s]
```

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1%|          | 110/10236 [00:15<34:05,  4.95it/s]

1%|          | 111/10236 [00:15<34:09,  4.94it/s]

1%|          | 112/10236 [00:16<33:57,  4.97it/s]

1%|          | 113/10236 [00:16<34:25,  4.90it/s]

1%|          | 114/10236 [00:16<29:20,  5.75it/s]

1%|          | 116/10236 [00:16<23:42,  7.11it/s]

1%|          | 118/10236 [00:16<20:15,  8.32it/s]

1%|          | 120/10236 [00:16<17:51,  9.44it/s]

1%|          | 122/10236 [00:16<16:13, 10.39it/s]

1%|          | 124/10236 [00:17<15:00, 11.23it/s]

1%|          | 126/10236 [00:17<14:54, 11.30it/s]

1%|          | 128/10236 [00:17<14:05, 11.96it/s]

1%|          | 130/10236 [00:17<13:55, 12.10it/s]

1%|          | 132/10236 [00:17<13:50, 12.17it/s]

1%|          | 134/10236 [00:18<17:27,  9.64it/s]

1%|          | 136/10236 [00:18<22:18,  7.55it/s]

1%|          | 137/10236 [00:18<25:06,  6.70it/s]

1%|          | 138/10236 [00:18<27:41,  6.08it/s]

1%|          | 139/10236 [00:19<29:06,  5.78it/s]

1%|          | 140/10236 [00:19<30:53,  5.45it/s]

1%|          | 141/10236 [00:19<26:51,  6.26it/s]

1%|          | 143/10236 [00:19<22:14,  7.57it/s]

1%|          | 145/10236 [00:19<19:12,  8.76it/s]

1%|          | 147/10236 [00:19<17:22,  9.68it/s]
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553

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1%|          | 149/10236 [00:19<16:03, 10.47it/s]

1%|          | 151/10236 [00:20<14:45, 11.39it/s]

1%|          | 153/10236 [00:20<14:14, 11.81it/s]

2%|          | 155/10236 [00:20<14:00, 11.99it/s]

2%|          | 157/10236 [00:20<13:41, 12.26it/s]

2%|          | 159/10236 [00:20<13:30, 12.43it/s]

2%|          | 161/10236 [00:21<17:34,  9.56it/s]

2%|          | 163/10236 [00:21<22:56,  7.32it/s]

2%|          | 164/10236 [00:21<25:52,  6.49it/s]

2%|          | 165/10236 [00:21<29:00,  5.79it/s]

2%|          | 166/10236 [00:22<33:23,  5.03it/s]

2%|          | 167/10236 [00:22<33:34,  5.00it/s]

2%|          | 168/10236 [00:22<34:04,  4.92it/s]

2%|          | 169/10236 [00:22<34:10,  4.91it/s]

2%|          | 170/10236 [00:22<33:53,  4.95it/s]

2%|          | 171/10236 [00:23<34:23,  4.88it/s]

2%|          | 172/10236 [00:23<33:59,  4.94it/s]

2%|          | 173/10236 [00:23<33:27,  5.01it/s]

2%|          | 174/10236 [00:23<33:20,  5.03it/s]

2%|          | 176/10236 [00:23<26:28,  6.33it/s]

2%|          | 178/10236 [00:24<21:57,  7.64it/s]

2%|          | 180/10236 [00:24<18:53,  8.87it/s]

2%|          | 182/10236 [00:24<17:06,  9.79it/s]

2%|          | 184/10236 [00:24<15:36, 10.73it/s]
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2%|          | 186/10236 [00:24<14:51, 11.27it/s]

2%|          | 188/10236 [00:24<14:28, 11.57it/s]

2%|          | 190/10236 [00:24<13:43, 12.20it/s]

2%|          | 192/10236 [00:25<13:35, 12.32it/s]

2%|          | 194/10236 [00:25<14:49, 11.29it/s]

2%|          | 196/10236 [00:25<20:33,  8.14it/s]

2%|          | 197/10236 [00:25<24:11,  6.92it/s]

2%|          | 198/10236 [00:26<27:12,  6.15it/s]

2%|          | 199/10236 [00:26<29:23,  5.69it/s]

2%|          | 200/10236 [00:26<30:31,  5.48it/s]

2%|          | 201/10236 [00:26<31:44,  5.27it/s]

2%|          | 202/10236 [00:26<32:32,  5.14it/s]

2%|          | 203/10236 [00:27<33:05,  5.05it/s]

2%|          | 204/10236 [00:27<33:44,  4.96it/s]

2%|          | 205/10236 [00:27<33:21,  5.01it/s]

2%|          | 206/10236 [00:27<33:46,  4.95it/s]

2%|          | 207/10236 [00:27<34:04,  4.91it/s]

2%|          | 208/10236 [00:28<34:13,  4.88it/s]

2%|          | 210/10236 [00:28<27:31,  6.07it/s]

2%|          | 212/10236 [00:28<22:25,  7.45it/s]

2%|          | 214/10236 [00:28<18:56,  8.81it/s]

2%|          | 216/10236 [00:28<16:51,  9.91it/s]

2%|          | 218/10236 [00:28<15:28, 10.79it/s]

2%|          | 220/10236 [00:28<14:31, 11.50it/s]
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555

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2%|          | 222/10236 [00:29<14:17, 11.68it/s]

2%|          | 224/10236 [00:29<14:08, 11.79it/s]

2%|          | 226/10236 [00:29<13:18, 12.54it/s]

2%|          | 228/10236 [00:29<13:36, 12.26it/s]

2%|          | 230/10236 [00:29<17:28,  9.54it/s]

2%|          | 232/10236 [00:30<23:08,  7.20it/s]

2%|          | 233/10236 [00:30<26:35,  6.27it/s]

2%|          | 234/10236 [00:30<28:48,  5.79it/s]

2%|          | 235/10236 [00:30<29:59,  5.56it/s]

2%|          | 236/10236 [00:31<30:39,  5.44it/s]

2%|          | 237/10236 [00:31<31:25,  5.30it/s]

2%|          | 238/10236 [00:31<32:23,  5.14it/s]

2%|          | 239/10236 [00:31<32:51,  5.07it/s]

2%|          | 240/10236 [00:31<32:44,  5.09it/s]

2%|          | 241/10236 [00:32<34:46,  4.79it/s]

2%|          | 242/10236 [00:32<34:05,  4.89it/s]

2%|          | 243/10236 [00:32<33:27,  4.98it/s]

2%|          | 245/10236 [00:32<26:25,  6.30it/s]

2%|          | 247/10236 [00:32<21:55,  7.59it/s]

2%|          | 249/10236 [00:33<19:07,  8.71it/s]

2%|          | 251/10236 [00:33<16:54,  9.84it/s]

2%|          | 253/10236 [00:33<15:48, 10.53it/s]

2%|          | 255/10236 [00:33<15:08, 10.99it/s]

3%|          | 257/10236 [00:33<14:46, 11.26it/s]
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3%|          | 259/10236 [00:33<14:28, 11.49it/s]

3%|          | 261/10236 [00:33<14:02, 11.84it/s]

3%|          | 263/10236 [00:34<14:50, 11.20it/s]

3%|          | 265/10236 [00:34<20:36,  8.06it/s]

3%|          | 266/10236 [00:34<24:42,  6.73it/s]

3%|          | 267/10236 [00:34<27:14,  6.10it/s]

3%|          | 268/10236 [00:35<30:40,  5.42it/s]

3%|          | 269/10236 [00:35<32:13,  5.15it/s]

3%|          | 270/10236 [00:35<34:37,  4.80it/s]

3%|          | 271/10236 [00:35<34:44,  4.78it/s]

3%|          | 272/10236 [00:36<34:49,  4.77it/s]

3%|          | 273/10236 [00:36<34:33,  4.80it/s]

3%|          | 274/10236 [00:36<33:53,  4.90it/s]

3%|          | 275/10236 [00:36<34:13,  4.85it/s]

3%|          | 276/10236 [00:36<34:50,  4.76it/s]

3%|          | 277/10236 [00:37<30:56,  5.36it/s]

3%|          | 279/10236 [00:37<24:56,  6.66it/s]

3%|          | 281/10236 [00:37<21:34,  7.69it/s]

3%|          | 282/10236 [00:37<21:14,  7.81it/s]

3%|          | 283/10236 [00:37<20:33,  8.07it/s]

3%|          | 284/10236 [00:37<20:29,  8.10it/s]

3%|          | 285/10236 [00:37<20:17,  8.17it/s]

3%|          | 287/10236 [00:38<18:50,  8.80it/s]

3%|          | 289/10236 [00:38<17:17,  9.59it/s]
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3%|          | 291/10236 [00:38<16:28, 10.06it/s]

3%|          | 293/10236 [00:38<15:56, 10.39it/s]

3%|          | 295/10236 [00:38<22:25,  7.39it/s]

3%|          | 296/10236 [00:39<27:54,  5.94it/s]

3%|          | 297/10236 [00:39<32:30,  5.09it/s]

3%|          | 298/10236 [00:39<36:35,  4.53it/s]

3%|          | 299/10236 [00:40<40:19,  4.11it/s]

3%|          | 300/10236 [00:40<43:29,  3.81it/s]

3%|          | 301/10236 [00:40<41:57,  3.95it/s]

3%|          | 302/10236 [00:40<39:32,  4.19it/s]

3%|          | 303/10236 [00:41<39:13,  4.22it/s]

3%|          | 304/10236 [00:41<39:33,  4.19it/s]

3%|          | 305/10236 [00:41<39:19,  4.21it/s]

3%|          | 306/10236 [00:41<35:02,  4.72it/s]

3%|          | 308/10236 [00:41<28:15,  5.86it/s]

3%|          | 309/10236 [00:41<24:47,  6.67it/s]

3%|          | 311/10236 [00:42<21:02,  7.86it/s]

3%|          | 312/10236 [00:42<20:10,  8.20it/s]

3%|          | 314/10236 [00:42<17:47,  9.29it/s]

3%|          | 316/10236 [00:42<17:13,  9.60it/s]

3%|          | 318/10236 [00:42<15:56, 10.37it/s]

3%|          | 320/10236 [00:42<15:18, 10.80it/s]

3%|          | 322/10236 [00:43<15:36, 10.59it/s]

3%|          | 324/10236 [00:43<19:42,  8.38it/s]
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3%|          | 325/10236 [00:43<26:58,  6.12it/s]

3%|          | 326/10236 [00:43<28:13,  5.85it/s]

3%|          | 327/10236 [00:44<30:46,  5.37it/s]

3%|          | 328/10236 [00:44<32:01,  5.16it/s]

3%|          | 329/10236 [00:44<34:34,  4.78it/s]

3%|          | 330/10236 [00:44<34:47,  4.74it/s]

3%|          | 331/10236 [00:44<36:25,  4.53it/s]

3%|          | 332/10236 [00:45<37:03,  4.45it/s]

3%|          | 333/10236 [00:45<36:25,  4.53it/s]

3%|          | 334/10236 [00:45<38:45,  4.26it/s]

3%|          | 335/10236 [00:45<37:49,  4.36it/s]

3%|          | 336/10236 [00:46<36:10,  4.56it/s]

3%|          | 337/10236 [00:46<36:56,  4.47it/s]

3%|          | 339/10236 [00:46<29:16,  5.63it/s]

3%|          | 341/10236 [00:46<24:02,  6.86it/s]

3%|          | 343/10236 [00:46<20:40,  7.97it/s]

3%|          | 345/10236 [00:46<18:41,  8.82it/s]

3%|          | 347/10236 [00:47<17:02,  9.67it/s]

3%|          | 349/10236 [00:47<18:11,  9.05it/s]

3%|          | 351/10236 [00:47<19:31,  8.43it/s]

3%|          | 352/10236 [00:47<20:46,  7.93it/s]

3%|          | 353/10236 [00:48<26:23,  6.24it/s]

3%|          | 354/10236 [00:48<32:39,  5.04it/s]

3%|          | 355/10236 [00:48<36:24,  4.52it/s]
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3%|           | 356/10236 [00:48<39:57,  4.12it/s]

3%|           | 357/10236 [00:49<41:23,  3.98it/s]

3%|           | 358/10236 [00:49<42:49,  3.84it/s]

4%|           | 359/10236 [00:49<42:55,  3.84it/s]

4%|           | 360/10236 [00:49<42:59,  3.83it/s]

4%|           | 361/10236 [00:50<43:57,  3.74it/s]

4%|           | 362/10236 [00:50<45:03,  3.65it/s]

4%|           | 363/10236 [00:50<43:54,  3.75it/s]

4%|           | 364/10236 [00:51<42:18,  3.89it/s]

4%|           | 365/10236 [00:51<39:21,  4.18it/s]

4%|           | 366/10236 [00:51<37:21,  4.40it/s]

4%|           | 367/10236 [00:51<35:56,  4.58it/s]

4%|           | 368/10236 [00:51<34:50,  4.72it/s]

4%|           | 369/10236 [00:52<34:54,  4.71it/s]

4%|           | 370/10236 [00:52<34:05,  4.82it/s]

4%|           | 371/10236 [00:52<37:12,  4.42it/s]

4%|           | 372/10236 [00:52<39:04,  4.21it/s]

4%|           | 373/10236 [00:53<39:20,  4.18it/s]

4%|           | 374/10236 [00:53<39:05,  4.20it/s]

4%|           | 375/10236 [00:53<36:50,  4.46it/s]

4%|           | 376/10236 [00:53<35:32,  4.62it/s]

4%|           | 377/10236 [00:53<34:24,  4.78it/s]

4%|           | 378/10236 [00:54<34:04,  4.82it/s]

4%|           | 379/10236 [00:54<30:30,  5.38it/s]
```

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4%|          | 381/10236 [00:54<25:22,  6.47it/s]

4%|          | 382/10236 [00:54<22:46,  7.21it/s]

4%|          | 383/10236 [00:54<20:53,  7.86it/s]

4%|          | 385/10236 [00:54<18:36,  8.83it/s]

4%|          | 386/10236 [00:54<18:15,  8.99it/s]

4%|          | 387/10236 [00:54<18:50,  8.71it/s]

4%|          | 389/10236 [00:55<17:09,  9.57it/s]

4%|          | 391/10236 [00:55<16:36,  9.87it/s]

4%|          | 393/10236 [00:55<15:34, 10.53it/s]

4%|          | 395/10236 [00:55<15:01, 10.91it/s]

4%|          | 397/10236 [00:55<18:46,  8.74it/s]

4%|          | 398/10236 [00:56<22:35,  7.26it/s]

4%|          | 399/10236 [00:56<24:47,  6.61it/s]

4%|          | 400/10236 [00:56<26:29,  6.19it/s]

4%|          | 401/10236 [00:56<28:01,  5.85it/s]

4%|          | 402/10236 [00:56<28:45,  5.70it/s]

4%|          | 403/10236 [00:57<29:49,  5.49it/s]

4%|          | 404/10236 [00:57<30:26,  5.38it/s]

4%|          | 405/10236 [00:57<31:02,  5.28it/s]

4%|          | 406/10236 [00:57<31:09,  5.26it/s]

4%|          | 407/10236 [00:57<31:00,  5.28it/s]

4%|          | 408/10236 [00:58<30:58,  5.29it/s]

4%|          | 409/10236 [00:58<30:41,  5.34it/s]

4%|          | 410/10236 [00:58<30:35,  5.35it/s]
```

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4%|          | 411/10236 [00:58<29:40,  5.52it/s]

4%|          | 413/10236 [00:58<23:47,  6.88it/s]

4%|          | 415/10236 [00:58<20:27,  8.00it/s]

4%|          | 417/10236 [00:58<18:05,  9.05it/s]

4%|          | 419/10236 [00:59<16:22, 10.00it/s]

4%|          | 421/10236 [00:59<15:05, 10.84it/s]

4%|          | 423/10236 [00:59<14:44, 11.10it/s]

4%|          | 425/10236 [00:59<14:17, 11.45it/s]

4%|          | 427/10236 [00:59<13:22, 12.22it/s]

4%|          | 429/10236 [00:59<12:54, 12.66it/s]

4%|          | 431/10236 [01:00<14:10, 11.53it/s]

4%|          | 433/10236 [01:00<18:22,  8.89it/s]

4%|          | 435/10236 [01:00<20:19,  8.04it/s]

4%|          | 436/10236 [01:00<23:34,  6.93it/s]

4%|          | 437/10236 [01:01<26:22,  6.19it/s]

4%|          | 438/10236 [01:01<27:51,  5.86it/s]

4%|          | 439/10236 [01:01<27:52,  5.86it/s]

4%|          | 441/10236 [01:01<22:25,  7.28it/s]

4%|          | 443/10236 [01:01<19:14,  8.48it/s]

4%|          | 445/10236 [01:01<17:05,  9.55it/s]

4%|          | 447/10236 [01:02<15:12, 10.72it/s]

4%|          | 449/10236 [01:02<13:51, 11.77it/s]

4%|          | 451/10236 [01:02<13:23, 12.18it/s]

4%|          | 453/10236 [01:02<13:13, 12.34it/s]
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4%|              | 455/10236 [01:02<12:50, 12.69it/s]

4%|              | 457/10236 [01:02<13:03, 12.48it/s]

4%|              | 459/10236 [01:03<13:38, 11.94it/s]

5%|              | 461/10236 [01:03<17:46,  9.16it/s]

5%|              | 463/10236 [01:03<21:15,  7.66it/s]

5%|              | 464/10236 [01:03<23:54,  6.81it/s]

5%|              | 465/10236 [01:04<26:05,  6.24it/s]

5%|              | 466/10236 [01:04<26:46,  6.08it/s]

5%|              | 467/10236 [01:04<28:53,  5.63it/s]

5%|              | 469/10236 [01:04<23:25,  6.95it/s]

5%|              | 471/10236 [01:04<19:33,  8.32it/s]

5%|              | 473/10236 [01:04<17:11,  9.47it/s]

5%|              | 475/10236 [01:05<16:11, 10.05it/s]

5%|              | 477/10236 [01:05<15:20, 10.61it/s]

5%|              | 479/10236 [01:05<14:57, 10.88it/s]

5%|              | 481/10236 [01:05<14:22, 11.31it/s]

5%|              | 483/10236 [01:05<13:41, 11.88it/s]

5%|              | 485/10236 [01:05<12:45, 12.74it/s]

5%|              | 487/10236 [01:06<15:20, 10.59it/s]

5%|              | 489/10236 [01:06<19:33,  8.30it/s]

5%|              | 490/10236 [01:06<23:00,  7.06it/s]

5%|              | 491/10236 [01:06<25:18,  6.42it/s]

5%|              | 492/10236 [01:07<28:03,  5.79it/s]

5%|              | 493/10236 [01:07<27:01,  6.01it/s]
```

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5%|          | 494/10236 [01:07<28:11,  5.76it/s]

5%|          | 496/10236 [01:07<23:09,  7.01it/s]

5%|          | 498/10236 [01:07<19:59,  8.12it/s]

5%|          | 499/10236 [01:07<19:05,  8.50it/s]

5%|          | 501/10236 [01:07<16:45,  9.68it/s]

5%|          | 503/10236 [01:08<15:44, 10.31it/s]

5%|          | 505/10236 [01:08<15:24, 10.52it/s]

5%|          | 507/10236 [01:08<14:43, 11.01it/s]

5%|          | 509/10236 [01:08<13:57, 11.62it/s]

5%|          | 511/10236 [01:08<13:45, 11.79it/s]

5%|          | 513/10236 [01:08<13:36, 11.90it/s]

5%|          | 515/10236 [01:09<17:11,  9.43it/s]

5%|          | 517/10236 [01:09<20:32,  7.89it/s]

5%|          | 518/10236 [01:09<26:21,  6.14it/s]

5%|          | 519/10236 [01:10<29:52,  5.42it/s]

5%|          | 520/10236 [01:10<33:29,  4.84it/s]

5%|          | 522/10236 [01:10<26:52,  6.02it/s]

5%|          | 524/10236 [01:10<22:08,  7.31it/s]

5%|          | 526/10236 [01:10<19:56,  8.12it/s]

5%|          | 528/10236 [01:10<18:42,  8.65it/s]

5%|          | 530/10236 [01:11<17:20,  9.33it/s]

5%|          | 532/10236 [01:11<15:49, 10.22it/s]

5%|          | 534/10236 [01:11<14:39, 11.03it/s]

5%|          | 536/10236 [01:11<14:17, 11.32it/s]
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5%|          | 538/10236 [01:11<13:36, 11.88it/s]

5%|          | 540/10236 [01:11<15:07, 10.68it/s]

5%|          | 542/10236 [01:12<19:06,  8.46it/s]

5%|          | 543/10236 [01:12<25:17,  6.39it/s]

5%|          | 544/10236 [01:12<27:20,  5.91it/s]

5%|          | 545/10236 [01:12<28:42,  5.62it/s]

5%|          | 546/10236 [01:13<29:49,  5.41it/s]

5%|          | 547/10236 [01:13<28:05,  5.75it/s]

5%|          | 549/10236 [01:13<22:39,  7.13it/s]

5%|          | 551/10236 [01:13<19:25,  8.31it/s]

5%|          | 553/10236 [01:13<16:46,  9.62it/s]

5%|          | 555/10236 [01:13<15:10, 10.63it/s]

5%|          | 557/10236 [01:14<15:10, 10.63it/s]

5%|          | 559/10236 [01:14<13:58, 11.54it/s]

5%|          | 561/10236 [01:14<13:29, 11.96it/s]

6%|          | 563/10236 [01:14<13:16, 12.14it/s]

6%|          | 565/10236 [01:14<13:24, 12.02it/s]

6%|          | 567/10236 [01:14<16:00, 10.06it/s]

6%|          | 569/10236 [01:15<20:12,  7.97it/s]

6%|          | 570/10236 [01:15<24:06,  6.68it/s]

6%|          | 571/10236 [01:15<28:49,  5.59it/s]

6%|          | 572/10236 [01:16<32:01,  5.03it/s]

6%|          | 573/10236 [01:16<30:06,  5.35it/s]

6%|          | 574/10236 [01:16<27:03,  5.95it/s]
```

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6%|            | 576/10236 [01:16<22:15,  7.23it/s]

6%|            | 578/10236 [01:16<18:45,  8.58it/s]

6%|            | 580/10236 [01:16<17:37,  9.13it/s]

6%|            | 582/10236 [01:16<16:01, 10.04it/s]

6%|            | 584/10236 [01:17<15:10, 10.60it/s]

6%|            | 586/10236 [01:17<14:22, 11.19it/s]

6%|            | 588/10236 [01:17<14:35, 11.02it/s]

6%|            | 590/10236 [01:17<14:13, 11.30it/s]

6%|            | 592/10236 [01:17<14:19, 11.23it/s]

6%|            | 594/10236 [01:18<18:26,  8.71it/s]

6%|            | 595/10236 [01:18<22:31,  7.13it/s]

6%|            | 596/10236 [01:18<24:43,  6.50it/s]

6%|            | 597/10236 [01:18<29:37,  5.42it/s]

6%|            | 598/10236 [01:18<31:16,  5.14it/s]

6%|            | 599/10236 [01:19<30:19,  5.30it/s]

6%|            | 600/10236 [01:19<30:49,  5.21it/s]

6%|            | 601/10236 [01:19<30:54,  5.19it/s]

6%|            | 602/10236 [01:19<31:29,  5.10it/s]

6%|            | 603/10236 [01:19<29:01,  5.53it/s]

6%|            | 604/10236 [01:20<29:30,  5.44it/s]

6%|            | 605/10236 [01:20<29:48,  5.39it/s]

6%|            | 606/10236 [01:20<29:57,  5.36it/s]

6%|            | 607/10236 [01:20<29:24,  5.46it/s]

6%|            | 609/10236 [01:20<24:05,  6.66it/s]
```

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6%|          | 611/10236 [01:20<19:53,  8.06it/s]

6%|          | 613/10236 [01:21<16:59,  9.44it/s]

6%|          | 615/10236 [01:21<15:05, 10.63it/s]

6%|          | 617/10236 [01:21<14:12, 11.28it/s]

6%|          | 619/10236 [01:21<13:17, 12.06it/s]

6%|          | 621/10236 [01:21<12:46, 12.54it/s]

6%|          | 623/10236 [01:21<12:08, 13.19it/s]

6%|          | 625/10236 [01:21<12:15, 13.06it/s]

6%|          | 627/10236 [01:22<12:29, 12.83it/s]

6%|          | 629/10236 [01:22<15:13, 10.51it/s]

6%|          | 631/10236 [01:22<18:17,  8.75it/s]

6%|          | 632/10236 [01:22<22:13,  7.20it/s]

6%|          | 633/10236 [01:23<23:11,  6.90it/s]

6%|          | 634/10236 [01:23<25:12,  6.35it/s]

6%|          | 635/10236 [01:23<26:33,  6.02it/s]

6%|          | 636/10236 [01:23<27:34,  5.80it/s]

6%|          | 637/10236 [01:23<27:18,  5.86it/s]

6%|          | 638/10236 [01:23<28:25,  5.63it/s]

6%|          | 639/10236 [01:24<28:43,  5.57it/s]

6%|          | 640/10236 [01:24<28:44,  5.57it/s]

6%|          | 641/10236 [01:24<29:41,  5.38it/s]

6%|          | 642/10236 [01:24<33:36,  4.76it/s]

6%|          | 643/10236 [01:25<36:42,  4.36it/s]

6%|          | 645/10236 [01:25<29:19,  5.45it/s]
```

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6%|          | 647/10236 [01:25<23:46,  6.72it/s]

6%|          | 649/10236 [01:25<19:49,  8.06it/s]

6%|          | 651/10236 [01:25<16:56,  9.43it/s]

6%|          | 653/10236 [01:25<15:26, 10.34it/s]

6%|          | 655/10236 [01:25<14:02, 11.37it/s]

6%|          | 657/10236 [01:26<13:27, 11.87it/s]

6%|          | 659/10236 [01:26<13:03, 12.22it/s]

6%|          | 661/10236 [01:26<13:06, 12.18it/s]

6%|          | 663/10236 [01:26<12:54, 12.36it/s]

6%|          | 665/10236 [01:26<15:06, 10.56it/s]

7%|          | 667/10236 [01:27<18:33,  8.59it/s]

7%|          | 668/10236 [01:27<22:47,  7.00it/s]

7%|          | 669/10236 [01:27<23:48,  6.70it/s]

7%|          | 670/10236 [01:27<26:00,  6.13it/s]

7%|          | 671/10236 [01:27<28:28,  5.60it/s]

7%|          | 672/10236 [01:28<29:10,  5.46it/s]

7%|          | 674/10236 [01:28<23:12,  6.86it/s]

7%|          | 676/10236 [01:28<19:12,  8.29it/s]

7%|          | 678/10236 [01:28<17:08,  9.29it/s]

7%|          | 680/10236 [01:28<15:19, 10.39it/s]

7%|          | 682/10236 [01:28<14:47, 10.76it/s]

7%|          | 684/10236 [01:28<13:47, 11.55it/s]

7%|          | 686/10236 [01:29<12:56, 12.29it/s]

7%|          | 688/10236 [01:29<13:10, 12.08it/s]
```

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7%|            | 690/10236 [01:29<12:51, 12.37it/s]

7%|            | 692/10236 [01:29<12:54, 12.32it/s]

7%|            | 694/10236 [01:29<17:46,  8.95it/s]

7%|            | 696/10236 [01:30<19:58,  7.96it/s]

7%|            | 697/10236 [01:30<23:08,  6.87it/s]

7%|            | 698/10236 [01:30<25:14,  6.30it/s]

7%|            | 699/10236 [01:30<25:51,  6.15it/s]

7%|            | 700/10236 [01:30<27:14,  5.83it/s]

7%|            | 701/10236 [01:31<24:03,  6.61it/s]

7%|            | 703/10236 [01:31<19:43,  8.05it/s]

7%|            | 705/10236 [01:31<17:01,  9.33it/s]

7%|            | 707/10236 [01:31<15:36, 10.18it/s]

7%|            | 709/10236 [01:31<14:01, 11.32it/s]

7%|            | 711/10236 [01:31<13:11, 12.03it/s]

7%|            | 713/10236 [01:31<12:38, 12.55it/s]

7%|            | 715/10236 [01:32<12:16, 12.92it/s]

7%|            | 717/10236 [01:32<11:59, 13.23it/s]

7%|            | 719/10236 [01:32<12:07, 13.08it/s]

7%|            | 721/10236 [01:32<12:31, 12.67it/s]

7%|            | 723/10236 [01:32<18:50,  8.42it/s]

7%|            | 725/10236 [01:33<24:06,  6.57it/s]

7%|            | 726/10236 [01:33<25:36,  6.19it/s]

7%|            | 727/10236 [01:33<28:08,  5.63it/s]

7%|            | 728/10236 [01:34<31:26,  5.04it/s]
```

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7%|          | 729/10236 [01:34<30:58,  5.12it/s]

7%|          | 730/10236 [01:34<31:29,  5.03it/s]

7%|          | 731/10236 [01:34<34:41,  4.57it/s]

7%|          | 732/10236 [01:34<35:48,  4.42it/s]

7%|          | 733/10236 [01:35<36:32,  4.33it/s]

7%|          | 734/10236 [01:35<36:21,  4.36it/s]

7%|          | 735/10236 [01:35<34:17,  4.62it/s]

7%|          | 736/10236 [01:35<30:31,  5.19it/s]

7%|          | 738/10236 [01:35<25:19,  6.25it/s]

7%|          | 739/10236 [01:35<22:51,  6.92it/s]

7%|          | 740/10236 [01:36<20:58,  7.55it/s]

7%|          | 741/10236 [01:36<19:37,  8.06it/s]

7%|          | 742/10236 [01:36<19:23,  8.16it/s]

7%|          | 743/10236 [01:36<19:13,  8.23it/s]

7%|          | 745/10236 [01:36<17:55,  8.83it/s]

7%|          | 747/10236 [01:36<15:53,  9.95it/s]

7%|          | 749/10236 [01:36<14:54, 10.61it/s]

7%|          | 751/10236 [01:37<16:30,  9.58it/s]

7%|          | 753/10236 [01:37<22:25,  7.05it/s]

7%|          | 754/10236 [01:37<26:41,  5.92it/s]

7%|          | 755/10236 [01:38<27:31,  5.74it/s]

7%|          | 756/10236 [01:38<28:58,  5.45it/s]

7%|          | 757/10236 [01:38<30:13,  5.23it/s]

7%|          | 758/10236 [01:38<31:44,  4.98it/s]
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7%|         | 759/10236 [01:38<32:28,  4.86it/s]

7%|         | 760/10236 [01:39<35:36,  4.43it/s]

7%|         | 761/10236 [01:39<33:56,  4.65it/s]

7%|         | 762/10236 [01:39<34:10,  4.62it/s]

7%|         | 763/10236 [01:39<37:11,  4.25it/s]

7%|         | 764/10236 [01:40<36:54,  4.28it/s]

7%|         | 765/10236 [01:40<38:00,  4.15it/s]

7%|         | 766/10236 [01:40<36:25,  4.33it/s]

7%|         | 767/10236 [01:40<33:17,  4.74it/s]

8%|         | 768/10236 [01:40<33:48,  4.67it/s]

8%|         | 769/10236 [01:41<35:14,  4.48it/s]

8%|         | 770/10236 [01:41<34:13,  4.61it/s]

8%|         | 771/10236 [01:41<33:51,  4.66it/s]

8%|         | 772/10236 [01:41<34:41,  4.55it/s]

8%|         | 773/10236 [01:42<35:06,  4.49it/s]

8%|         | 774/10236 [01:42<39:12,  4.02it/s]

8%|         | 775/10236 [01:42<36:55,  4.27it/s]

8%|         | 776/10236 [01:42<39:18,  4.01it/s]

8%|         | 777/10236 [01:43<38:24,  4.10it/s]

8%|         | 778/10236 [01:43<35:13,  4.47it/s]

8%|         | 779/10236 [01:43<34:24,  4.58it/s]

8%|         | 780/10236 [01:43<30:17,  5.20it/s]

8%|         | 782/10236 [01:43<24:17,  6.49it/s]

8%|         | 784/10236 [01:43<20:02,  7.86it/s]
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8%|          | 786/10236 [01:44<17:20,  9.08it/s]

8%|          | 788/10236 [01:44<15:43, 10.02it/s]

8%|          | 790/10236 [01:44<15:18, 10.29it/s]

8%|          | 792/10236 [01:44<14:14, 11.06it/s]

8%|          | 794/10236 [01:44<13:44, 11.45it/s]

8%|          | 796/10236 [01:44<13:08, 11.97it/s]

8%|          | 798/10236 [01:44<12:49, 12.26it/s]

8%|          | 800/10236 [01:45<15:34, 10.10it/s]

8%|          | 802/10236 [01:45<20:16,  7.75it/s]

8%|          | 803/10236 [01:45<24:34,  6.40it/s]

8%|          | 804/10236 [01:46<27:56,  5.63it/s]

8%|          | 805/10236 [01:46<27:32,  5.71it/s]

8%|          | 806/10236 [01:46<28:06,  5.59it/s]

8%|          | 807/10236 [01:46<28:42,  5.47it/s]

8%|          | 808/10236 [01:46<27:44,  5.66it/s]

8%|          | 809/10236 [01:46<28:02,  5.60it/s]

8%|          | 810/10236 [01:47<28:45,  5.46it/s]

8%|          | 811/10236 [01:47<28:25,  5.53it/s]

8%|          | 812/10236 [01:47<33:14,  4.73it/s]

8%|          | 813/10236 [01:47<32:09,  4.88it/s]

8%|          | 814/10236 [01:48<34:02,  4.61it/s]

8%|          | 815/10236 [01:48<34:06,  4.60it/s]

8%|          | 817/10236 [01:48<27:22,  5.74it/s]

8%|          | 818/10236 [01:48<24:27,  6.42it/s]
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8%|          | 820/10236 [01:48<21:34,  7.27it/s]

8%|          | 822/10236 [01:48<20:03,  7.82it/s]

8%|          | 824/10236 [01:49<18:14,  8.60it/s]

8%|          | 825/10236 [01:49<19:43,  7.95it/s]

8%|          | 826/10236 [01:49<20:17,  7.73it/s]

8%|          | 827/10236 [01:49<19:37,  7.99it/s]

8%|          | 828/10236 [01:49<19:41,  7.96it/s]

8%|          | 830/10236 [01:49<19:51,  7.89it/s]

8%|          | 831/10236 [01:50<23:10,  6.76it/s]

8%|          | 832/10236 [01:50<23:39,  6.62it/s]

8%|          | 833/10236 [01:50<25:42,  6.09it/s]

8%|          | 834/10236 [01:50<26:45,  5.86it/s]

8%|          | 835/10236 [01:50<26:07,  6.00it/s]

8%|          | 836/10236 [01:51<27:31,  5.69it/s]

8%|          | 837/10236 [01:51<27:40,  5.66it/s]

8%|          | 838/10236 [01:51<30:22,  5.16it/s]

8%|          | 839/10236 [01:51<31:51,  4.92it/s]

8%|          | 840/10236 [01:51<29:40,  5.28it/s]

8%|          | 841/10236 [01:52<30:32,  5.13it/s]

8%|          | 842/10236 [01:52<30:45,  5.09it/s]

8%|          | 843/10236 [01:52<30:24,  5.15it/s]

8%|          | 844/10236 [01:52<33:04,  4.73it/s]

8%|          | 845/10236 [01:52<33:05,  4.73it/s]

8%|          | 846/10236 [01:53<29:57,  5.22it/s]
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573

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8%|          | 848/10236 [01:53<23:58,  6.52it/s]

8%|          | 850/10236 [01:53<19:39,  7.96it/s]

8%|          | 852/10236 [01:53<16:55,  9.24it/s]

8%|          | 854/10236 [01:53<14:58, 10.44it/s]

8%|          | 856/10236 [01:53<13:34, 11.52it/s]

8%|          | 858/10236 [01:53<12:59, 12.04it/s]

8%|          | 860/10236 [01:53<12:51, 12.15it/s]

8%|          | 862/10236 [01:54<12:14, 12.76it/s]

8%|          | 864/10236 [01:54<11:38, 13.41it/s]

8%|          | 866/10236 [01:54<11:35, 13.48it/s]

8%|          | 868/10236 [01:54<14:12, 10.99it/s]

8%|          | 870/10236 [01:54<16:58,  9.19it/s]

9%|          | 872/10236 [01:55<20:24,  7.65it/s]

9%|          | 873/10236 [01:55<23:45,  6.57it/s]

9%|          | 874/10236 [01:55<22:55,  6.81it/s]

9%|          | 875/10236 [01:55<23:48,  6.55it/s]

9%|          | 876/10236 [01:55<22:41,  6.88it/s]

9%|          | 877/10236 [01:56<23:35,  6.61it/s]

9%|          | 878/10236 [01:56<24:31,  6.36it/s]

9%|          | 879/10236 [01:56<23:15,  6.70it/s]

9%|          | 880/10236 [01:56<26:45,  5.83it/s]

9%|          | 881/10236 [01:56<28:39,  5.44it/s]

9%|          | 882/10236 [01:57<31:51,  4.89it/s]

9%|          | 883/10236 [01:57<32:18,  4.82it/s]
```

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9%|            | 884/10236 [01:57<28:18,  5.51it/s]

9%|            | 886/10236 [01:57<22:26,  6.94it/s]

9%|            | 888/10236 [01:57<18:44,  8.31it/s]

9%|            | 890/10236 [01:57<16:11,  9.62it/s]

9%|            | 892/10236 [01:57<15:03, 10.34it/s]

9%|            | 894/10236 [01:58<13:42, 11.36it/s]

9%|            | 896/10236 [01:58<12:54, 12.05it/s]

9%|            | 898/10236 [01:58<12:33, 12.40it/s]

9%|            | 900/10236 [01:58<12:06, 12.84it/s]

9%|            | 902/10236 [01:58<13:07, 11.85it/s]

9%|            | 904/10236 [01:59<16:20,  9.52it/s]

9%|            | 906/10236 [01:59<22:37,  6.87it/s]

9%|            | 907/10236 [01:59<25:56,  5.99it/s]

9%|            | 908/10236 [01:59<26:17,  5.91it/s]

9%|            | 909/10236 [02:00<29:38,  5.25it/s]

9%|            | 910/10236 [02:00<32:57,  4.72it/s]

9%|            | 911/10236 [02:00<31:05,  5.00it/s]

9%|            | 912/10236 [02:00<30:39,  5.07it/s]

9%|            | 913/10236 [02:01<31:42,  4.90it/s]

9%|            | 914/10236 [02:01<30:21,  5.12it/s]

9%|            | 915/10236 [02:01<30:25,  5.10it/s]

9%|            | 916/10236 [02:01<29:04,  5.34it/s]

9%|            | 917/10236 [02:01<30:42,  5.06it/s]

9%|            | 918/10236 [02:01<28:17,  5.49it/s]
```

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9%|              | 919/10236 [02:02<30:15,  5.13it/s]

9%|              | 921/10236 [02:02<23:50,  6.51it/s]

9%|              | 923/10236 [02:02<19:19,  8.03it/s]

9%|              | 925/10236 [02:02<16:05,  9.64it/s]

9%|              | 927/10236 [02:02<14:46, 10.50it/s]

9%|              | 929/10236 [02:02<13:22, 11.60it/s]

9%|              | 931/10236 [02:02<12:46, 12.15it/s]

9%|              | 933/10236 [02:03<11:57, 12.96it/s]

9%|              | 935/10236 [02:03<12:02, 12.87it/s]

9%|              | 937/10236 [02:03<11:48, 13.12it/s]

9%|              | 939/10236 [02:03<12:18, 12.59it/s]

9%|              | 941/10236 [02:03<13:07, 11.81it/s]

9%|              | 943/10236 [02:04<16:24,  9.44it/s]

9%|              | 945/10236 [02:04<20:41,  7.48it/s]

9%|              | 946/10236 [02:04<25:16,  6.13it/s]

9%|              | 947/10236 [02:04<25:17,  6.12it/s]

9%|              | 948/10236 [02:04<26:40,  5.80it/s]

9%|              | 949/10236 [02:05<25:56,  5.97it/s]

9%|              | 950/10236 [02:05<23:13,  6.66it/s]

9%|              | 952/10236 [02:05<18:46,  8.24it/s]

9%|              | 954/10236 [02:05<16:11,  9.55it/s]

9%|              | 956/10236 [02:05<15:32,  9.95it/s]

9%|              | 958/10236 [02:05<15:52,  9.74it/s]

9%|              | 960/10236 [02:06<16:14,  9.52it/s]
```

```
 9%|          | 962/10236 [02:06<17:08,  9.01it/s]

 9%|          | 964/10236 [02:06<16:22,  9.43it/s]

 9%|          | 966/10236 [02:06<14:35, 10.59it/s]

 9%|          | 968/10236 [02:07<19:53,  7.76it/s]

 9%|          | 969/10236 [02:07<24:23,  6.33it/s]

 9%|          | 970/10236 [02:07<26:13,  5.89it/s]

 9%|          | 971/10236 [02:07<28:14,  5.47it/s]

 9%|          | 972/10236 [02:07<30:52,  5.00it/s]

10%|          | 973/10236 [02:08<30:26,  5.07it/s]

10%|          | 974/10236 [02:08<32:55,  4.69it/s]

10%|          | 975/10236 [02:08<30:28,  5.06it/s]

10%|          | 976/10236 [02:08<34:02,  4.53it/s]

10%|          | 977/10236 [02:09<35:18,  4.37it/s]

10%|          | 978/10236 [02:09<36:33,  4.22it/s]

10%|          | 979/10236 [02:09<34:57,  4.41it/s]

10%|          | 980/10236 [02:09<34:53,  4.42it/s]

10%|          | 981/10236 [02:09<33:24,  4.62it/s]

10%|          | 982/10236 [02:10<35:34,  4.34it/s]

10%|          | 983/10236 [02:10<34:07,  4.52it/s]

10%|          | 984/10236 [02:10<31:28,  4.90it/s]

10%|          | 985/10236 [02:10<32:50,  4.70it/s]

10%|          | 986/10236 [02:11<32:38,  4.72it/s]

10%|          | 987/10236 [02:11<35:12,  4.38it/s]

10%|          | 988/10236 [02:11<35:03,  4.40it/s]
```

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10%|          | 990/10236 [02:11<28:23,  5.43it/s]

10%|          | 992/10236 [02:11<24:06,  6.39it/s]

10%|          | 994/10236 [02:12<20:03,  7.68it/s]

10%|          | 996/10236 [02:12<17:58,  8.57it/s]

10%|          | 998/10236 [02:12<16:09,  9.53it/s]

10%|          | 1000/10236 [02:12<14:57, 10.29it/s]

10%|          | 1002/10236 [02:12<15:01, 10.24it/s]

10%|          | 1004/10236 [02:12<15:00, 10.25it/s]

10%|          | 1006/10236 [02:13<18:35,  8.27it/s]

10%|          | 1007/10236 [02:13<21:27,  7.17it/s]

10%|          | 1008/10236 [02:13<26:55,  5.71it/s]

10%|          | 1009/10236 [02:13<27:33,  5.58it/s]

10%|          | 1010/10236 [02:14<31:54,  4.82it/s]

10%|          | 1011/10236 [02:14<30:26,  5.05it/s]

10%|          | 1012/10236 [02:14<29:56,  5.13it/s]

10%|          | 1013/10236 [02:14<27:37,  5.57it/s]

10%|          | 1014/10236 [02:14<28:07,  5.47it/s]

10%|          | 1015/10236 [02:15<27:34,  5.57it/s]

10%|          | 1016/10236 [02:15<30:17,  5.07it/s]

10%|          | 1017/10236 [02:15<32:28,  4.73it/s]

10%|          | 1018/10236 [02:15<33:24,  4.60it/s]

10%|          | 1019/10236 [02:15<33:28,  4.59it/s]

10%|          | 1020/10236 [02:16<32:33,  4.72it/s]

10%|          | 1022/10236 [02:16<25:55,  5.93it/s]
```

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10%|            | 1024/10236 [02:16<21:08,  7.26it/s]

10%|            | 1026/10236 [02:16<18:14,  8.42it/s]

10%|            | 1028/10236 [02:16<15:49,  9.69it/s]

10%|            | 1030/10236 [02:16<14:46, 10.38it/s]

10%|            | 1032/10236 [02:17<13:17, 11.54it/s]

10%|            | 1034/10236 [02:17<12:35, 12.17it/s]

10%|            | 1036/10236 [02:17<12:01, 12.75it/s]

10%|            | 1038/10236 [02:17<11:28, 13.36it/s]

10%|            | 1040/10236 [02:17<11:04, 13.84it/s]

10%|            | 1042/10236 [02:17<11:36, 13.19it/s]

10%|            | 1044/10236 [02:18<15:11, 10.09it/s]

10%|            | 1046/10236 [02:18<18:15,  8.39it/s]

10%|            | 1047/10236 [02:18<21:31,  7.11it/s]

10%|            | 1048/10236 [02:18<24:34,  6.23it/s]

10%|            | 1049/10236 [02:18<27:42,  5.53it/s]

10%|            | 1050/10236 [02:19<26:19,  5.82it/s]

10%|            | 1051/10236 [02:19<26:35,  5.76it/s]

10%|            | 1053/10236 [02:19<23:02,  6.64it/s]

10%|            | 1055/10236 [02:19<19:11,  7.97it/s]

10%|            | 1057/10236 [02:19<16:40,  9.17it/s]

10%|            | 1059/10236 [02:19<14:31, 10.54it/s]

10%|            | 1061/10236 [02:20<13:33, 11.28it/s]

10%|            | 1063/10236 [02:20<12:57, 11.79it/s]

10%|            | 1065/10236 [02:20<12:14, 12.48it/s]
```

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10%|          | 1067/10236 [02:20<11:52, 12.86it/s]

10%|          | 1069/10236 [02:20<11:32, 13.24it/s]

10%|          | 1071/10236 [02:20<11:27, 13.34it/s]

10%|          | 1073/10236 [02:21<15:04, 10.13it/s]

11%|          | 1075/10236 [02:21<17:36,  8.67it/s]

11%|          | 1077/10236 [02:21<20:06,  7.59it/s]

11%|          | 1078/10236 [02:21<24:06,  6.33it/s]

11%|          | 1079/10236 [02:22<25:39,  5.95it/s]

11%|          | 1080/10236 [02:22<28:29,  5.35it/s]

11%|          | 1081/10236 [02:22<30:07,  5.07it/s]

11%|          | 1082/10236 [02:22<30:05,  5.07it/s]

11%|          | 1083/10236 [02:22<29:04,  5.25it/s]

11%|          | 1084/10236 [02:23<29:08,  5.24it/s]

11%|          | 1085/10236 [02:23<27:41,  5.51it/s]

11%|          | 1086/10236 [02:23<28:01,  5.44it/s]

11%|          | 1087/10236 [02:23<27:37,  5.52it/s]

11%|          | 1088/10236 [02:23<30:43,  4.96it/s]

11%|          | 1090/10236 [02:24<25:20,  6.02it/s]

11%|          | 1092/10236 [02:24<20:45,  7.34it/s]

11%|          | 1094/10236 [02:24<17:31,  8.69it/s]

11%|          | 1096/10236 [02:24<15:38,  9.73it/s]

11%|          | 1098/10236 [02:24<14:07, 10.78it/s]

11%|          | 1100/10236 [02:24<13:22, 11.38it/s]

11%|          | 1102/10236 [02:24<12:30, 12.18it/s]
```

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11%|          | 1104/10236 [02:25<12:02, 12.64it/s]

11%|          | 1106/10236 [02:25<11:21, 13.40it/s]

11%|          | 1108/10236 [02:25<11:42, 13.00it/s]

11%|          | 1110/10236 [02:25<14:14, 10.67it/s]

11%|          | 1112/10236 [02:25<17:44,  8.57it/s]

11%|          | 1113/10236 [02:26<21:39,  7.02it/s]

11%|          | 1114/10236 [02:26<27:09,  5.60it/s]

11%|          | 1115/10236 [02:26<29:38,  5.13it/s]

11%|          | 1116/10236 [02:26<30:49,  4.93it/s]

11%|          | 1117/10236 [02:27<31:13,  4.87it/s]

11%|          | 1118/10236 [02:27<32:41,  4.65it/s]

11%|          | 1119/10236 [02:27<30:56,  4.91it/s]

11%|          | 1120/10236 [02:27<30:16,  5.02it/s]

11%|          | 1121/10236 [02:27<27:59,  5.43it/s]

11%|          | 1122/10236 [02:28<29:48,  5.09it/s]

11%|          | 1123/10236 [02:28<29:43,  5.11it/s]

11%|          | 1124/10236 [02:28<29:29,  5.15it/s]

11%|          | 1125/10236 [02:28<27:35,  5.50it/s]

11%|          | 1127/10236 [02:28<22:24,  6.78it/s]

11%|          | 1129/10236 [02:28<18:30,  8.20it/s]

11%|          | 1131/10236 [02:29<15:35,  9.73it/s]

11%|          | 1133/10236 [02:29<13:52, 10.94it/s]

11%|          | 1135/10236 [02:29<12:49, 11.83it/s]

11%|          | 1137/10236 [02:29<12:10, 12.46it/s]
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11%|          | 1139/10236 [02:29<11:29, 13.19it/s]

11%|          | 1141/10236 [02:29<11:06, 13.65it/s]

11%|          | 1143/10236 [02:29<11:59, 12.64it/s]

11%|          | 1145/10236 [02:30<13:24, 11.30it/s]

11%|          | 1147/10236 [02:30<17:57,  8.44it/s]

11%|          | 1149/10236 [02:30<23:09,  6.54it/s]

11%|          | 1150/10236 [02:31<23:30,  6.44it/s]

11%|          | 1151/10236 [02:31<28:56,  5.23it/s]

11%|          | 1152/10236 [02:31<32:23,  4.67it/s]

11%|          | 1153/10236 [02:31<33:45,  4.48it/s]

11%|          | 1154/10236 [02:32<35:22,  4.28it/s]

11%|          | 1155/10236 [02:32<31:41,  4.78it/s]

11%|          | 1156/10236 [02:32<30:48,  4.91it/s]

11%|          | 1157/10236 [02:32<29:01,  5.21it/s]

11%|          | 1158/10236 [02:32<32:45,  4.62it/s]

11%|          | 1159/10236 [02:33<31:41,  4.77it/s]

11%|          | 1160/10236 [02:33<33:20,  4.54it/s]

11%|          | 1162/10236 [02:33<27:03,  5.59it/s]

11%|          | 1164/10236 [02:33<21:56,  6.89it/s]

11%|          | 1166/10236 [02:33<18:31,  8.16it/s]

11%|          | 1168/10236 [02:33<16:20,  9.25it/s]

11%|          | 1170/10236 [02:34<16:14,  9.30it/s]

11%|          | 1172/10236 [02:34<14:57, 10.10it/s]

11%|          | 1174/10236 [02:34<14:18, 10.56it/s]
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11%|          | 1176/10236 [02:34<14:48, 10.19it/s]

12%|          | 1178/10236 [02:34<15:11,  9.94it/s]

12%|          | 1180/10236 [02:35<20:09,  7.48it/s]

12%|          | 1181/10236 [02:35<22:05,  6.83it/s]

12%|          | 1182/10236 [02:35<27:26,  5.50it/s]

12%|          | 1183/10236 [02:35<27:59,  5.39it/s]

12%|          | 1184/10236 [02:36<31:30,  4.79it/s]

12%|          | 1185/10236 [02:36<29:14,  5.16it/s]

12%|          | 1187/10236 [02:36<23:39,  6.38it/s]

12%|          | 1188/10236 [02:36<21:26,  7.03it/s]

12%|          | 1190/10236 [02:36<19:44,  7.64it/s]

12%|          | 1191/10236 [02:37<24:27,  6.16it/s]

12%|          | 1193/10236 [02:37<20:47,  7.25it/s]

12%|          | 1195/10236 [02:37<17:54,  8.41it/s]

12%|          | 1197/10236 [02:37<17:01,  8.84it/s]

12%|          | 1199/10236 [02:37<17:41,  8.51it/s]

12%|          | 1200/10236 [02:38<24:31,  6.14it/s]

12%|          | 1201/10236 [02:38<27:15,  5.53it/s]

12%|          | 1202/10236 [02:38<42:53,  3.51it/s]

12%|          | 1203/10236 [02:39<50:14,  3.00it/s]

12%|          | 1204/10236 [02:39<56:32,  2.66it/s]

12%|          | 1205/10236 [02:40<58:41,  2.56it/s]

12%|          | 1206/10236 [02:40<1:01:16,  2.46it/s]

12%|          | 1207/10236 [02:40<56:47,  2.65it/s]
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12%|          | 1208/10236 [02:41<46:44,  3.22it/s]

12%|          | 1209/10236 [02:41<39:06,  3.85it/s]

12%|          | 1210/10236 [02:41<35:50,  4.20it/s]

12%|          | 1211/10236 [02:41<34:00,  4.42it/s]

12%|          | 1212/10236 [02:41<32:30,  4.63it/s]

12%|          | 1213/10236 [02:42<30:51,  4.87it/s]

12%|          | 1214/10236 [02:42<30:21,  4.95it/s]

12%|          | 1215/10236 [02:42<30:15,  4.97it/s]

12%|          | 1216/10236 [02:42<41:34,  3.62it/s]

12%|          | 1217/10236 [02:43<47:53,  3.14it/s]

12%|          | 1218/10236 [02:43<53:40,  2.80it/s]

12%|          | 1219/10236 [02:43<48:10,  3.12it/s]

12%|          | 1220/10236 [02:44<40:45,  3.69it/s]

12%|          | 1221/10236 [02:44<35:06,  4.28it/s]

12%|          | 1222/10236 [02:44<32:30,  4.62it/s]

12%|          | 1224/10236 [02:44<25:58,  5.78it/s]

12%|          | 1226/10236 [02:44<20:52,  7.19it/s]

12%|          | 1228/10236 [02:44<17:29,  8.58it/s]

12%|          | 1230/10236 [02:44<15:20,  9.78it/s]

12%|          | 1232/10236 [02:45<13:56, 10.76it/s]

12%|          | 1234/10236 [02:45<12:59, 11.55it/s]

12%|          | 1236/10236 [02:45<13:22, 11.21it/s]

12%|          | 1238/10236 [02:45<16:47,  8.93it/s]

12%|          | 1240/10236 [02:46<18:29,  8.11it/s]
```

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12%|              | 1241/10236 [02:46<21:21,  7.02it/s]

12%|              | 1242/10236 [02:46<22:14,  6.74it/s]

12%|              | 1243/10236 [02:46<23:51,  6.28it/s]

12%|              | 1244/10236 [02:46<23:29,  6.38it/s]

12%|              | 1245/10236 [02:46<21:05,  7.10it/s]

12%|              | 1247/10236 [02:46<17:35,  8.51it/s]

12%|              | 1249/10236 [02:47<15:36,  9.59it/s]

12%|              | 1251/10236 [02:47<13:39, 10.96it/s]

12%|              | 1253/10236 [02:47<12:13, 12.24it/s]

12%|              | 1255/10236 [02:47<12:06, 12.37it/s]

12%|              | 1257/10236 [02:47<11:32, 12.96it/s]

12%|              | 1259/10236 [02:47<10:53, 13.73it/s]

12%|              | 1261/10236 [02:47<10:37, 14.07it/s]

12%|              | 1263/10236 [02:48<10:51, 13.77it/s]

12%|              | 1265/10236 [02:48<11:11, 13.36it/s]

12%|              | 1267/10236 [02:48<13:29, 11.08it/s]

12%|              | 1269/10236 [02:48<17:35,  8.49it/s]

12%|              | 1271/10236 [02:49<19:12,  7.78it/s]

12%|              | 1272/10236 [02:49<23:55,  6.24it/s]

12%|              | 1273/10236 [02:49<23:27,  6.37it/s]

12%|              | 1274/10236 [02:49<25:01,  5.97it/s]

12%|              | 1276/10236 [02:49<20:32,  7.27it/s]

12%|              | 1278/10236 [02:50<17:43,  8.42it/s]

13%|              | 1280/10236 [02:50<15:29,  9.63it/s]
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13%|              | 1282/10236 [02:50<14:04, 10.61it/s]

13%|              | 1284/10236 [02:50<12:54, 11.55it/s]

13%|              | 1286/10236 [02:50<12:32, 11.89it/s]

13%|              | 1288/10236 [02:50<11:58, 12.45it/s]

13%|              | 1290/10236 [02:50<11:34, 12.89it/s]

13%|              | 1292/10236 [02:51<11:43, 12.72it/s]

13%|              | 1294/10236 [02:51<11:14, 13.26it/s]

13%|              | 1296/10236 [02:51<13:50, 10.77it/s]

13%|              | 1298/10236 [02:51<16:48,  8.86it/s]

13%|              | 1300/10236 [02:52<18:49,  7.91it/s]

13%|              | 1301/10236 [02:52<23:22,  6.37it/s]

13%|              | 1302/10236 [02:52<27:06,  5.49it/s]

13%|              | 1303/10236 [02:52<26:03,  5.71it/s]

13%|              | 1305/10236 [02:52<20:49,  7.15it/s]

13%|              | 1307/10236 [02:52<17:36,  8.45it/s]

13%|              | 1309/10236 [02:53<15:48,  9.41it/s]

13%|              | 1311/10236 [02:53<14:16, 10.42it/s]

13%|              | 1313/10236 [02:53<13:23, 11.11it/s]

13%|              | 1315/10236 [02:53<12:46, 11.64it/s]

13%|              | 1317/10236 [02:53<12:24, 11.98it/s]

13%|              | 1319/10236 [02:53<11:42, 12.70it/s]

13%|              | 1321/10236 [02:54<11:24, 13.02it/s]

13%|              | 1323/10236 [02:54<11:28, 12.94it/s]

13%|              | 1325/10236 [02:54<15:08,  9.81it/s]
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13%|          | 1327/10236 [02:54<18:11,  8.16it/s]

13%|          | 1328/10236 [02:54<19:35,  7.58it/s]

13%|          | 1329/10236 [02:55<22:33,  6.58it/s]

13%|          | 1330/10236 [02:55<22:47,  6.51it/s]

13%|          | 1331/10236 [02:55<25:53,  5.73it/s]

13%|          | 1332/10236 [02:55<26:52,  5.52it/s]

13%|          | 1333/10236 [02:55<27:31,  5.39it/s]

13%|          | 1334/10236 [02:56<27:54,  5.32it/s]

13%|          | 1335/10236 [02:56<26:37,  5.57it/s]

13%|          | 1336/10236 [02:56<27:24,  5.41it/s]

13%|          | 1337/10236 [02:56<26:07,  5.68it/s]

13%|          | 1338/10236 [02:56<26:59,  5.50it/s]

13%|          | 1339/10236 [02:57<26:20,  5.63it/s]

13%|          | 1340/10236 [02:57<25:01,  5.93it/s]

13%|          | 1342/10236 [02:57<20:16,  7.31it/s]

13%|          | 1344/10236 [02:57<17:22,  8.53it/s]

13%|          | 1346/10236 [02:57<14:42, 10.07it/s]

13%|          | 1348/10236 [02:57<13:26, 11.02it/s]

13%|          | 1350/10236 [02:57<12:22, 11.96it/s]

13%|          | 1352/10236 [02:57<11:47, 12.56it/s]

13%|          | 1354/10236 [02:58<11:31, 12.84it/s]

13%|          | 1356/10236 [02:58<11:26, 12.93it/s]

13%|          | 1358/10236 [02:58<12:01, 12.31it/s]

13%|          | 1360/10236 [02:58<12:01, 12.31it/s]
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13%|          | 1362/10236 [02:58<15:31,  9.52it/s]

13%|          | 1364/10236 [02:59<18:08,  8.15it/s]

13%|          | 1365/10236 [02:59<22:33,  6.55it/s]

13%|          | 1366/10236 [02:59<27:29,  5.38it/s]

13%|          | 1367/10236 [02:59<25:55,  5.70it/s]

13%|          | 1368/10236 [03:00<26:54,  5.49it/s]

13%|          | 1370/10236 [03:00<21:53,  6.75it/s]

13%|          | 1373/10236 [03:00<17:35,  8.40it/s]

13%|          | 1375/10236 [03:00<15:28,  9.54it/s]

13%|          | 1377/10236 [03:00<14:14, 10.37it/s]

13%|          | 1379/10236 [03:00<13:11, 11.18it/s]

13%|          | 1381/10236 [03:01<12:51, 11.48it/s]

14%|          | 1383/10236 [03:01<12:29, 11.81it/s]

14%|          | 1385/10236 [03:01<11:44, 12.56it/s]

14%|          | 1387/10236 [03:01<11:25, 12.90it/s]

14%|          | 1389/10236 [03:01<10:51, 13.58it/s]

14%|          | 1391/10236 [03:01<14:28, 10.19it/s]

14%|          | 1393/10236 [03:02<17:15,  8.54it/s]

14%|          | 1395/10236 [03:02<19:37,  7.51it/s]

14%|          | 1396/10236 [03:02<23:47,  6.19it/s]

14%|          | 1397/10236 [03:02<23:13,  6.34it/s]

14%|          | 1398/10236 [03:03<22:25,  6.57it/s]

14%|          | 1400/10236 [03:03<18:03,  8.15it/s]

14%|          | 1402/10236 [03:03<15:33,  9.46it/s]
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14%|          | 1404/10236 [03:03<14:11, 10.37it/s]

14%|          | 1406/10236 [03:03<13:17, 11.08it/s]

14%|          | 1408/10236 [03:03<12:37, 11.65it/s]

14%|          | 1410/10236 [03:03<12:06, 12.14it/s]

14%|          | 1412/10236 [03:04<11:41, 12.58it/s]

14%|          | 1414/10236 [03:04<12:18, 11.95it/s]

14%|          | 1416/10236 [03:04<11:54, 12.34it/s]

14%|          | 1418/10236 [03:04<12:05, 12.15it/s]

14%|          | 1420/10236 [03:04<14:59,  9.80it/s]

14%|          | 1422/10236 [03:05<17:28,  8.41it/s]

14%|          | 1423/10236 [03:05<20:55,  7.02it/s]

14%|          | 1424/10236 [03:05<21:59,  6.68it/s]

14%|          | 1425/10236 [03:05<25:34,  5.74it/s]

14%|          | 1426/10236 [03:05<24:48,  5.92it/s]

14%|          | 1427/10236 [03:06<22:44,  6.46it/s]

14%|          | 1429/10236 [03:06<18:44,  7.83it/s]

14%|          | 1431/10236 [03:06<15:46,  9.31it/s]

14%|          | 1433/10236 [03:06<14:16, 10.28it/s]

14%|          | 1435/10236 [03:06<13:10, 11.13it/s]

14%|          | 1437/10236 [03:06<12:23, 11.83it/s]

14%|          | 1439/10236 [03:06<11:48, 12.41it/s]

14%|          | 1441/10236 [03:07<11:30, 12.74it/s]

14%|          | 1443/10236 [03:07<11:12, 13.08it/s]

14%|          | 1445/10236 [03:07<11:15, 13.02it/s]
```

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14%|          | 1447/10236 [03:07<11:16, 12.98it/s]

14%|          | 1449/10236 [03:07<15:39,  9.35it/s]

14%|          | 1451/10236 [03:08<17:43,  8.26it/s]

14%|          | 1452/10236 [03:08<21:11,  6.91it/s]

14%|          | 1453/10236 [03:08<21:26,  6.83it/s]

14%|          | 1454/10236 [03:08<23:13,  6.30it/s]

14%|          | 1455/10236 [03:08<23:10,  6.31it/s]

14%|          | 1456/10236 [03:09<25:14,  5.80it/s]

14%|          | 1457/10236 [03:09<24:33,  5.96it/s]

14%|          | 1458/10236 [03:09<25:36,  5.71it/s]

14%|          | 1459/10236 [03:09<25:23,  5.76it/s]

14%|          | 1460/10236 [03:09<26:07,  5.60it/s]

14%|          | 1461/10236 [03:09<25:18,  5.78it/s]

14%|          | 1462/10236 [03:10<24:21,  6.00it/s]

14%|          | 1463/10236 [03:10<26:38,  5.49it/s]

14%|          | 1464/10236 [03:10<26:22,  5.54it/s]

14%|          | 1466/10236 [03:10<20:55,  6.98it/s]

14%|          | 1468/10236 [03:10<17:17,  8.45it/s]

14%|          | 1470/10236 [03:10<14:45,  9.90it/s]

14%|          | 1472/10236 [03:10<13:30, 10.82it/s]

14%|          | 1474/10236 [03:11<12:25, 11.75it/s]

14%|          | 1476/10236 [03:11<12:10, 12.00it/s]

14%|          | 1478/10236 [03:11<11:21, 12.85it/s]

14%|          | 1480/10236 [03:11<10:47, 13.51it/s]
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14%|          | 1482/10236 [03:11<11:22, 12.82it/s]

14%|          | 1484/10236 [03:11<11:36, 12.56it/s]

15%|          | 1486/10236 [03:12<14:47,  9.85it/s]

15%|          | 1488/10236 [03:12<18:04,  8.07it/s]

15%|          | 1489/10236 [03:12<19:17,  7.56it/s]

15%|          | 1490/10236 [03:12<23:13,  6.28it/s]

15%|          | 1491/10236 [03:13<25:39,  5.68it/s]

15%|          | 1492/10236 [03:13<26:36,  5.48it/s]

15%|          | 1493/10236 [03:13<23:47,  6.12it/s]

15%|          | 1495/10236 [03:13<18:58,  7.68it/s]

15%|          | 1497/10236 [03:13<16:06,  9.04it/s]

15%|          | 1499/10236 [03:13<14:38,  9.95it/s]

15%|          | 1501/10236 [03:13<13:17, 10.95it/s]

15%|          | 1503/10236 [03:14<12:29, 11.65it/s]

15%|          | 1505/10236 [03:14<11:21, 12.81it/s]

15%|          | 1507/10236 [03:14<11:03, 13.15it/s]

15%|          | 1509/10236 [03:14<11:14, 12.93it/s]

15%|          | 1511/10236 [03:14<11:29, 12.66it/s]

15%|          | 1513/10236 [03:14<11:26, 12.71it/s]

15%|          | 1515/10236 [03:15<14:58,  9.70it/s]

15%|          | 1517/10236 [03:15<17:36,  8.25it/s]

15%|          | 1518/10236 [03:15<19:03,  7.63it/s]

15%|          | 1519/10236 [03:15<22:46,  6.38it/s]

15%|          | 1520/10236 [03:16<23:51,  6.09it/s]
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15%|          | 1521/10236 [03:16<24:41,  5.88it/s]

15%|          | 1522/10236 [03:16<27:32,  5.27it/s]

15%|          | 1523/10236 [03:16<25:44,  5.64it/s]

15%|          | 1524/10236 [03:16<26:37,  5.45it/s]

15%|          | 1525/10236 [03:16<25:25,  5.71it/s]

15%|          | 1526/10236 [03:17<26:25,  5.49it/s]

15%|          | 1527/10236 [03:17<25:35,  5.67it/s]

15%|          | 1528/10236 [03:17<24:44,  5.87it/s]

15%|          | 1529/10236 [03:17<25:58,  5.59it/s]

15%|          | 1530/10236 [03:17<24:35,  5.90it/s]

15%|          | 1532/10236 [03:17<19:45,  7.34it/s]

15%|          | 1534/10236 [03:18<16:31,  8.77it/s]

15%|          | 1536/10236 [03:18<15:02,  9.64it/s]

15%|          | 1538/10236 [03:18<13:40, 10.60it/s]

15%|          | 1540/10236 [03:18<12:50, 11.28it/s]

15%|          | 1542/10236 [03:18<11:46, 12.31it/s]

15%|          | 1544/10236 [03:18<11:30, 12.59it/s]

15%|          | 1546/10236 [03:18<11:07, 13.01it/s]

15%|          | 1548/10236 [03:19<10:52, 13.31it/s]

15%|          | 1550/10236 [03:19<10:50, 13.36it/s]

15%|          | 1552/10236 [03:19<12:50, 11.27it/s]

15%|          | 1554/10236 [03:19<16:08,  8.96it/s]

15%|          | 1556/10236 [03:20<17:30,  8.26it/s]

15%|          | 1557/10236 [03:20<22:47,  6.35it/s]
```

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15%|          | 1558/10236 [03:20<22:54,  6.32it/s]

15%|          | 1559/10236 [03:20<24:36,  5.87it/s]

15%|          | 1560/10236 [03:20<23:54,  6.05it/s]

15%|          | 1561/10236 [03:21<27:29,  5.26it/s]

15%|          | 1562/10236 [03:21<29:04,  4.97it/s]

15%|          | 1563/10236 [03:21<27:23,  5.28it/s]

15%|          | 1564/10236 [03:21<27:21,  5.28it/s]

15%|          | 1565/10236 [03:21<25:42,  5.62it/s]

15%|          | 1566/10236 [03:21<26:19,  5.49it/s]

15%|          | 1567/10236 [03:22<25:05,  5.76it/s]

15%|          | 1568/10236 [03:22<22:48,  6.34it/s]

15%|          | 1571/10236 [03:22<18:05,  7.98it/s]

15%|          | 1573/10236 [03:22<15:29,  9.32it/s]

15%|          | 1575/10236 [03:22<14:04, 10.26it/s]

15%|          | 1577/10236 [03:22<12:17, 11.74it/s]

15%|          | 1579/10236 [03:22<12:15, 11.77it/s]

15%|          | 1581/10236 [03:23<11:37, 12.41it/s]

15%|          | 1583/10236 [03:23<11:28, 12.56it/s]

15%|          | 1585/10236 [03:23<11:16, 12.79it/s]

16%|          | 1587/10236 [03:23<11:22, 12.68it/s]

16%|          | 1589/10236 [03:23<12:38, 11.40it/s]

16%|          | 1591/10236 [03:24<15:14,  9.46it/s]

16%|          | 1593/10236 [03:24<17:34,  8.20it/s]

16%|          | 1594/10236 [03:24<23:21,  6.16it/s]
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16%|          | 1595/10236 [03:24<25:03,  5.75it/s]

16%|          | 1596/10236 [03:25<27:10,  5.30it/s]

16%|          | 1597/10236 [03:25<25:20,  5.68it/s]

16%|          | 1599/10236 [03:25<20:18,  7.09it/s]

16%|          | 1601/10236 [03:25<17:21,  8.29it/s]

16%|          | 1603/10236 [03:25<15:02,  9.56it/s]

16%|          | 1605/10236 [03:25<13:38, 10.55it/s]

16%|          | 1607/10236 [03:25<12:44, 11.28it/s]

16%|          | 1609/10236 [03:26<12:09, 11.83it/s]

16%|          | 1611/10236 [03:26<11:43, 12.25it/s]

16%|          | 1613/10236 [03:26<11:36, 12.38it/s]

16%|          | 1615/10236 [03:26<11:23, 12.61it/s]

16%|          | 1617/10236 [03:26<11:45, 12.21it/s]

16%|          | 1619/10236 [03:27<15:05,  9.52it/s]

16%|          | 1621/10236 [03:27<17:19,  8.29it/s]

16%|          | 1622/10236 [03:27<20:53,  6.87it/s]

16%|          | 1623/10236 [03:27<21:26,  6.70it/s]

16%|          | 1624/10236 [03:27<22:36,  6.35it/s]

16%|          | 1625/10236 [03:28<24:10,  5.94it/s]

16%|          | 1627/10236 [03:28<19:52,  7.22it/s]

16%|          | 1630/10236 [03:28<16:06,  8.90it/s]

16%|          | 1632/10236 [03:28<14:44,  9.73it/s]

16%|          | 1634/10236 [03:28<13:20, 10.75it/s]

16%|          | 1636/10236 [03:28<12:04, 11.87it/s]
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16%|          | 1638/10236 [03:28<11:42, 12.23it/s]

16%|          | 1640/10236 [03:29<11:23, 12.57it/s]

16%|          | 1642/10236 [03:29<11:02, 12.97it/s]

16%|          | 1644/10236 [03:29<10:57, 13.06it/s]

16%|          | 1646/10236 [03:29<11:00, 13.01it/s]

16%|          | 1648/10236 [03:29<13:21, 10.71it/s]

16%|          | 1650/10236 [03:30<16:24,  8.72it/s]

16%|          | 1651/10236 [03:30<19:17,  7.41it/s]

16%|          | 1652/10236 [03:30<22:47,  6.28it/s]

16%|          | 1653/10236 [03:30<24:47,  5.77it/s]

16%|          | 1654/10236 [03:30<24:56,  5.73it/s]

16%|          | 1655/10236 [03:31<26:43,  5.35it/s]

16%|          | 1656/10236 [03:31<26:50,  5.33it/s]

16%|          | 1657/10236 [03:31<27:00,  5.29it/s]

16%|          | 1658/10236 [03:31<27:41,  5.16it/s]

16%|          | 1659/10236 [03:31<25:40,  5.57it/s]

16%|          | 1660/10236 [03:32<26:08,  5.47it/s]

16%|          | 1661/10236 [03:32<25:01,  5.71it/s]

16%|          | 1662/10236 [03:32<24:51,  5.75it/s]

16%|          | 1663/10236 [03:32<24:48,  5.76it/s]

16%|          | 1665/10236 [03:32<19:45,  7.23it/s]

16%|          | 1667/10236 [03:32<16:40,  8.57it/s]

16%|          | 1669/10236 [03:32<14:31,  9.83it/s]

16%|          | 1671/10236 [03:33<13:09, 10.84it/s]
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16%|          | 1673/10236 [03:33<11:45, 12.14it/s]

16%|          | 1675/10236 [03:33<11:18, 12.62it/s]

16%|          | 1677/10236 [03:33<10:56, 13.03it/s]

16%|          | 1679/10236 [03:33<10:41, 13.35it/s]

16%|          | 1681/10236 [03:33<10:34, 13.49it/s]

16%|          | 1683/10236 [03:33<10:39, 13.38it/s]

16%|          | 1685/10236 [03:34<11:38, 12.24it/s]

16%|          | 1687/10236 [03:34<15:38,  9.11it/s]

17%|          | 1689/10236 [03:34<17:36,  8.09it/s]

17%|          | 1690/10236 [03:34<20:01,  7.11it/s]

17%|          | 1691/10236 [03:35<20:51,  6.83it/s]

17%|          | 1692/10236 [03:35<22:38,  6.29it/s]

17%|          | 1693/10236 [03:35<24:25,  5.83it/s]

17%|          | 1695/10236 [03:35<19:30,  7.30it/s]

17%|          | 1697/10236 [03:35<16:17,  8.74it/s]

17%|          | 1699/10236 [03:35<14:27,  9.85it/s]

17%|          | 1701/10236 [03:36<13:35, 10.47it/s]

17%|          | 1703/10236 [03:36<12:12, 11.65it/s]

17%|          | 1705/10236 [03:36<11:34, 12.29it/s]

17%|          | 1707/10236 [03:36<11:17, 12.59it/s]

17%|          | 1709/10236 [03:36<11:11, 12.70it/s]

17%|          | 1711/10236 [03:36<10:58, 12.94it/s]

17%|          | 1713/10236 [03:36<11:09, 12.74it/s]

17%|          | 1715/10236 [03:37<13:41, 10.37it/s]
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17%|          | 1717/10236 [03:37<17:09,  8.28it/s]

17%|          | 1718/10236 [03:37<21:20,  6.65it/s]

17%|          | 1719/10236 [03:38<24:08,  5.88it/s]

17%|          | 1720/10236 [03:38<23:39,  6.00it/s]

17%|          | 1721/10236 [03:38<24:52,  5.71it/s]

17%|          | 1722/10236 [03:38<22:27,  6.32it/s]

17%|          | 1724/10236 [03:38<18:10,  7.81it/s]

17%|          | 1726/10236 [03:38<15:13,  9.32it/s]

17%|          | 1728/10236 [03:38<13:27, 10.54it/s]

17%|          | 1730/10236 [03:38<12:34, 11.28it/s]

17%|          | 1732/10236 [03:39<11:41, 12.11it/s]

17%|          | 1734/10236 [03:39<11:20, 12.50it/s]

17%|          | 1736/10236 [03:39<10:58, 12.91it/s]

17%|          | 1738/10236 [03:39<10:46, 13.14it/s]

17%|          | 1740/10236 [03:39<10:54, 12.97it/s]

17%|          | 1742/10236 [03:39<10:31, 13.44it/s]

17%|          | 1744/10236 [03:40<12:09, 11.65it/s]

17%|          | 1746/10236 [03:40<15:45,  8.98it/s]

17%|          | 1748/10236 [03:40<17:44,  7.97it/s]

17%|          | 1749/10236 [03:40<18:48,  7.52it/s]

17%|          | 1750/10236 [03:41<22:55,  6.17it/s]

17%|          | 1751/10236 [03:41<23:22,  6.05it/s]

17%|          | 1752/10236 [03:41<25:45,  5.49it/s]

17%|          | 1753/10236 [03:41<24:41,  5.73it/s]
```

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17%|            | 1754/10236 [03:41<25:36,  5.52it/s]

17%|            | 1755/10236 [03:42<26:32,  5.33it/s]

17%|            | 1756/10236 [03:42<28:00,  5.05it/s]

17%|            | 1757/10236 [03:42<27:40,  5.11it/s]

17%|            | 1758/10236 [03:42<26:58,  5.24it/s]

17%|            | 1759/10236 [03:42<25:44,  5.49it/s]

17%|            | 1760/10236 [03:42<22:36,  6.25it/s]

17%|            | 1762/10236 [03:43<18:34,  7.60it/s]

17%|            | 1764/10236 [03:43<15:54,  8.88it/s]

17%|            | 1766/10236 [03:43<14:12,  9.93it/s]

17%|            | 1768/10236 [03:43<12:36, 11.19it/s]

17%|            | 1770/10236 [03:43<11:49, 11.94it/s]

17%|            | 1772/10236 [03:43<11:27, 12.32it/s]

17%|            | 1774/10236 [03:43<11:09, 12.64it/s]

17%|            | 1776/10236 [03:44<10:17, 13.70it/s]

17%|            | 1778/10236 [03:44<10:15, 13.75it/s]

17%|            | 1780/10236 [03:44<11:02, 12.76it/s]

17%|            | 1782/10236 [03:44<14:34,  9.67it/s]

17%|            | 1784/10236 [03:45<16:55,  8.32it/s]

17%|            | 1785/10236 [03:45<18:23,  7.66it/s]

17%|            | 1786/10236 [03:45<20:08,  6.99it/s]

17%|            | 1787/10236 [03:45<23:22,  6.02it/s]

17%|            | 1788/10236 [03:45<22:56,  6.14it/s]

17%|            | 1789/10236 [03:45<23:55,  5.89it/s]
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17%|          | 1790/10236 [03:46<23:04,  6.10it/s]

17%|          | 1791/10236 [03:46<24:29,  5.75it/s]

18%|          | 1792/10236 [03:46<25:07,  5.60it/s]

18%|          | 1793/10236 [03:46<24:06,  5.84it/s]

18%|          | 1794/10236 [03:46<25:12,  5.58it/s]

18%|          | 1795/10236 [03:46<24:28,  5.75it/s]

18%|          | 1796/10236 [03:47<23:50,  5.90it/s]

18%|          | 1797/10236 [03:47<25:05,  5.61it/s]

18%|          | 1799/10236 [03:47<20:07,  6.99it/s]

18%|          | 1801/10236 [03:47<16:46,  8.38it/s]

18%|          | 1803/10236 [03:47<14:22,  9.78it/s]

18%|          | 1805/10236 [03:47<12:46, 10.99it/s]

18%|          | 1807/10236 [03:47<12:26, 11.29it/s]

18%|          | 1809/10236 [03:48<11:52, 11.83it/s]

18%|          | 1811/10236 [03:48<11:22, 12.35it/s]

18%|          | 1813/10236 [03:48<10:46, 13.04it/s]

18%|          | 1815/10236 [03:48<10:51, 12.93it/s]

18%|          | 1817/10236 [03:48<10:54, 12.87it/s]

18%|          | 1819/10236 [03:49<13:35, 10.33it/s]

18%|          | 1821/10236 [03:49<16:15,  8.63it/s]

18%|          | 1822/10236 [03:49<19:04,  7.35it/s]

18%|          | 1823/10236 [03:49<19:47,  7.09it/s]

18%|          | 1824/10236 [03:49<22:00,  6.37it/s]

18%|          | 1825/10236 [03:50<22:03,  6.36it/s]
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18%|          | 1826/10236 [03:50<23:27,  5.97it/s]

18%|          | 1827/10236 [03:50<23:03,  6.08it/s]

18%|          | 1828/10236 [03:50<22:52,  6.13it/s]

18%|          | 1829/10236 [03:50<24:08,  5.80it/s]

18%|          | 1830/10236 [03:50<23:23,  5.99it/s]

18%|          | 1831/10236 [03:51<24:42,  5.67it/s]

18%|          | 1832/10236 [03:51<26:43,  5.24it/s]

18%|          | 1833/10236 [03:51<25:11,  5.56it/s]

18%|          | 1834/10236 [03:51<25:52,  5.41it/s]

18%|          | 1835/10236 [03:51<23:41,  5.91it/s]

18%|          | 1837/10236 [03:51<19:18,  7.25it/s]

18%|          | 1838/10236 [03:52<18:00,  7.77it/s]

18%|          | 1840/10236 [03:52<14:47,  9.46it/s]

18%|          | 1842/10236 [03:52<13:38, 10.26it/s]

18%|          | 1844/10236 [03:52<12:33, 11.13it/s]

18%|          | 1846/10236 [03:52<11:44, 11.91it/s]

18%|          | 1848/10236 [03:52<11:20, 12.33it/s]

18%|          | 1850/10236 [03:52<10:44, 13.01it/s]

18%|          | 1852/10236 [03:52<10:37, 13.16it/s]

18%|          | 1854/10236 [03:53<10:55, 12.79it/s]

18%|          | 1856/10236 [03:53<13:06, 10.66it/s]

18%|          | 1858/10236 [03:53<15:45,  8.86it/s]

18%|          | 1859/10236 [03:53<19:07,  7.30it/s]

18%|          | 1860/10236 [03:54<20:39,  6.76it/s]
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18%|          | 1861/10236 [03:54<23:22,  5.97it/s]

18%|          | 1862/10236 [03:54<23:00,  6.07it/s]

18%|          | 1863/10236 [03:54<24:17,  5.74it/s]

18%|          | 1864/10236 [03:54<24:02,  5.81it/s]

18%|          | 1865/10236 [03:54<23:00,  6.07it/s]

18%|          | 1866/10236 [03:55<24:21,  5.73it/s]

18%|          | 1867/10236 [03:55<24:53,  5.60it/s]

18%|          | 1868/10236 [03:55<25:07,  5.55it/s]

18%|          | 1869/10236 [03:55<23:09,  6.02it/s]

18%|          | 1870/10236 [03:55<21:47,  6.40it/s]

18%|          | 1871/10236 [03:55<22:07,  6.30it/s]

18%|          | 1872/10236 [03:56<21:01,  6.63it/s]

18%|          | 1873/10236 [03:56<19:06,  7.29it/s]

18%|          | 1876/10236 [03:56<15:37,  8.92it/s]

18%|          | 1878/10236 [03:56<13:38, 10.21it/s]

18%|          | 1880/10236 [03:56<12:53, 10.80it/s]

18%|          | 1882/10236 [03:56<12:13, 11.39it/s]

18%|          | 1884/10236 [03:56<11:36, 12.00it/s]

18%|          | 1886/10236 [03:57<10:48, 12.87it/s]

18%|          | 1888/10236 [03:57<10:37, 13.10it/s]

18%|          | 1890/10236 [03:57<10:21, 13.43it/s]

18%|          | 1892/10236 [03:57<10:22, 13.40it/s]

19%|          | 1894/10236 [03:57<10:53, 12.77it/s]

19%|          | 1896/10236 [03:58<14:06,  9.85it/s]
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19%|          | 1898/10236 [03:58<15:55,  8.72it/s]

19%|          | 1899/10236 [03:58<19:19,  7.19it/s]

19%|          | 1900/10236 [03:58<21:02,  6.60it/s]

19%|          | 1901/10236 [03:58<23:25,  5.93it/s]

19%|          | 1902/10236 [03:59<23:46,  5.84it/s]

19%|          | 1903/10236 [03:59<24:02,  5.77it/s]

19%|          | 1904/10236 [03:59<24:09,  5.75it/s]

19%|          | 1905/10236 [03:59<24:41,  5.62it/s]

19%|          | 1906/10236 [03:59<24:57,  5.56it/s]

19%|          | 1907/10236 [03:59<24:02,  5.77it/s]

19%|          | 1908/10236 [04:00<23:07,  6.00it/s]

19%|          | 1909/10236 [04:00<24:14,  5.72it/s]

19%|          | 1910/10236 [04:00<23:25,  5.92it/s]

19%|          | 1911/10236 [04:00<23:58,  5.79it/s]

19%|          | 1913/10236 [04:00<18:51,  7.35it/s]

19%|          | 1915/10236 [04:00<16:15,  8.53it/s]

19%|          | 1917/10236 [04:01<14:36,  9.49it/s]

19%|          | 1919/10236 [04:01<13:06, 10.58it/s]

19%|          | 1921/10236 [04:01<12:27, 11.12it/s]

19%|          | 1923/10236 [04:01<11:27, 12.09it/s]

19%|          | 1925/10236 [04:01<10:59, 12.61it/s]

19%|          | 1927/10236 [04:01<10:47, 12.83it/s]

19%|          | 1929/10236 [04:01<11:06, 12.47it/s]

19%|          | 1931/10236 [04:02<11:06, 12.46it/s]
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19%|          | 1933/10236 [04:02<14:15,  9.70it/s]

19%|          | 1935/10236 [04:02<16:26,  8.41it/s]

19%|          | 1936/10236 [04:02<17:54,  7.73it/s]

19%|          | 1937/10236 [04:03<20:33,  6.73it/s]

19%|          | 1938/10236 [04:03<21:17,  6.50it/s]

19%|          | 1939/10236 [04:03<22:28,  6.15it/s]

19%|          | 1940/10236 [04:03<22:14,  6.22it/s]

19%|          | 1941/10236 [04:03<21:42,  6.37it/s]

19%|          | 1942/10236 [04:03<24:11,  5.71it/s]

19%|          | 1943/10236 [04:04<23:31,  5.88it/s]

19%|          | 1944/10236 [04:04<23:55,  5.78it/s]

19%|          | 1945/10236 [04:04<23:26,  5.89it/s]

19%|          | 1946/10236 [04:04<23:08,  5.97it/s]

19%|          | 1947/10236 [04:04<24:22,  5.67it/s]

19%|          | 1948/10236 [04:04<23:20,  5.92it/s]

19%|          | 1949/10236 [04:05<21:40,  6.37it/s]

19%|          | 1951/10236 [04:05<17:17,  7.99it/s]

19%|          | 1953/10236 [04:05<14:27,  9.54it/s]

19%|          | 1955/10236 [04:05<12:48, 10.78it/s]

19%|          | 1957/10236 [04:05<11:48, 11.68it/s]

19%|          | 1959/10236 [04:05<11:07, 12.40it/s]

19%|          | 1961/10236 [04:05<10:54, 12.64it/s]

19%|          | 1963/10236 [04:05<10:27, 13.19it/s]

19%|          | 1965/10236 [04:06<10:23, 13.26it/s]
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19%|          | 1967/10236 [04:06<10:34, 13.03it/s]

19%|          | 1969/10236 [04:06<09:59, 13.79it/s]

19%|          | 1971/10236 [04:06<11:30, 11.96it/s]

19%|          | 1973/10236 [04:06<14:19,  9.61it/s]

19%|          | 1975/10236 [04:07<16:52,  8.16it/s]

19%|          | 1976/10236 [04:07<18:09,  7.58it/s]

19%|          | 1977/10236 [04:07<20:53,  6.59it/s]

19%|          | 1978/10236 [04:07<21:15,  6.47it/s]

19%|          | 1979/10236 [04:07<23:07,  5.95it/s]

19%|          | 1981/10236 [04:08<18:55,  7.27it/s]

19%|          | 1983/10236 [04:08<16:04,  8.55it/s]

19%|          | 1985/10236 [04:08<14:06,  9.74it/s]

19%|          | 1987/10236 [04:08<12:34, 10.94it/s]

19%|          | 1989/10236 [04:08<11:57, 11.50it/s]

19%|          | 1991/10236 [04:08<11:27, 12.00it/s]

19%|          | 1993/10236 [04:08<11:07, 12.34it/s]

19%|          | 1995/10236 [04:09<10:53, 12.61it/s]

20%|          | 1997/10236 [04:09<10:37, 12.93it/s]

20%|          | 1999/10236 [04:09<10:29, 13.09it/s]

20%|          | 2001/10236 [04:09<14:03,  9.77it/s]

20%|          | 2003/10236 [04:10<16:21,  8.39it/s]

20%|          | 2004/10236 [04:10<17:50,  7.69it/s]

20%|          | 2005/10236 [04:10<20:29,  6.70it/s]

20%|          | 2006/10236 [04:10<23:19,  5.88it/s]
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20%|          | 2007/10236 [04:10<22:52,  6.00it/s]

20%|          | 2008/10236 [04:10<23:59,  5.72it/s]

20%|          | 2009/10236 [04:11<23:17,  5.89it/s]

20%|          | 2010/10236 [04:11<22:52,  5.99it/s]

20%|          | 2011/10236 [04:11<23:42,  5.78it/s]

20%|          | 2012/10236 [04:11<23:06,  5.93it/s]

20%|          | 2013/10236 [04:11<25:38,  5.34it/s]

20%|          | 2014/10236 [04:12<24:57,  5.49it/s]

20%|          | 2015/10236 [04:12<24:11,  5.66it/s]

20%|          | 2016/10236 [04:12<24:03,  5.70it/s]

20%|          | 2018/10236 [04:12<19:37,  6.98it/s]

20%|          | 2020/10236 [04:12<16:03,  8.53it/s]

20%|          | 2022/10236 [04:12<14:03,  9.73it/s]

20%|          | 2024/10236 [04:12<12:11, 11.23it/s]

20%|          | 2026/10236 [04:13<11:30, 11.89it/s]

20%|          | 2028/10236 [04:13<10:41, 12.80it/s]

20%|          | 2030/10236 [04:13<10:19, 13.25it/s]

20%|          | 2032/10236 [04:13<10:17, 13.29it/s]

20%|          | 2034/10236 [04:13<10:51, 12.58it/s]

20%|          | 2036/10236 [04:13<10:45, 12.71it/s]

20%|          | 2038/10236 [04:13<11:36, 11.78it/s]

20%|          | 2040/10236 [04:14<14:49,  9.22it/s]

20%|          | 2042/10236 [04:14<17:38,  7.74it/s]

20%|          | 2043/10236 [04:14<19:07,  7.14it/s]
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20%|          | 2044/10236 [04:15<21:10,  6.45it/s]

20%|          | 2045/10236 [04:15<21:08,  6.46it/s]

20%|          | 2046/10236 [04:15<20:48,  6.56it/s]

20%|          | 2047/10236 [04:15<19:59,  6.83it/s]

20%|          | 2049/10236 [04:15<16:44,  8.15it/s]

20%|          | 2051/10236 [04:15<14:22,  9.49it/s]

20%|          | 2053/10236 [04:15<13:03, 10.45it/s]

20%|          | 2055/10236 [04:16<12:16, 11.11it/s]

20%|          | 2057/10236 [04:16<11:46, 11.58it/s]

20%|          | 2059/10236 [04:16<10:51, 12.55it/s]

20%|          | 2061/10236 [04:16<10:50, 12.57it/s]

20%|          | 2063/10236 [04:16<10:55, 12.48it/s]

20%|          | 2065/10236 [04:16<10:59, 12.38it/s]

20%|          | 2067/10236 [04:16<11:57, 11.39it/s]

20%|          | 2069/10236 [04:17<15:00,  9.07it/s]

20%|          | 2071/10236 [04:17<17:06,  7.95it/s]

20%|          | 2072/10236 [04:17<18:26,  7.38it/s]

20%|          | 2073/10236 [04:17<20:39,  6.59it/s]

20%|          | 2074/10236 [04:18<20:42,  6.57it/s]

20%|          | 2075/10236 [04:18<22:39,  6.00it/s]

20%|          | 2076/10236 [04:18<22:47,  5.97it/s]

20%|          | 2077/10236 [04:18<22:50,  5.95it/s]

20%|          | 2078/10236 [04:18<24:21,  5.58it/s]

20%|          | 2079/10236 [04:19<22:58,  5.92it/s]
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20%|          | 2080/10236 [04:19<22:28,  6.05it/s]

20%|          | 2081/10236 [04:19<23:44,  5.72it/s]

20%|          | 2082/10236 [04:19<23:16,  5.84it/s]

20%|          | 2083/10236 [04:19<24:18,  5.59it/s]

20%|          | 2084/10236 [04:19<23:22,  5.81it/s]

20%|          | 2086/10236 [04:20<18:55,  7.18it/s]

20%|          | 2088/10236 [04:20<15:37,  8.69it/s]

20%|          | 2090/10236 [04:20<13:12, 10.28it/s]

20%|          | 2092/10236 [04:20<11:41, 11.61it/s]

20%|          | 2094/10236 [04:20<10:38, 12.75it/s]

20%|          | 2096/10236 [04:20<10:21, 13.09it/s]

20%|          | 2098/10236 [04:20<09:53, 13.71it/s]

21%|          | 2100/10236 [04:20<09:29, 14.30it/s]

21%|          | 2102/10236 [04:21<09:23, 14.43it/s]

21%|          | 2104/10236 [04:21<09:23, 14.43it/s]

21%|          | 2106/10236 [04:21<09:20, 14.51it/s]

21%|          | 2108/10236 [04:21<10:43, 12.63it/s]

21%|          | 2110/10236 [04:21<15:08,  8.95it/s]

21%|          | 2112/10236 [04:22<18:31,  7.31it/s]

21%|          | 2113/10236 [04:22<21:35,  6.27it/s]

21%|          | 2114/10236 [04:22<23:38,  5.72it/s]

21%|          | 2115/10236 [04:22<27:42,  4.89it/s]

21%|          | 2116/10236 [04:23<27:47,  4.87it/s]

21%|          | 2117/10236 [04:23<28:50,  4.69it/s]
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21%|          | 2118/10236 [04:23<27:36,  4.90it/s]

21%|          | 2119/10236 [04:23<28:46,  4.70it/s]

21%|          | 2120/10236 [04:24<31:09,  4.34it/s]

21%|          | 2121/10236 [04:24<29:31,  4.58it/s]

21%|          | 2122/10236 [04:24<30:36,  4.42it/s]

21%|          | 2123/10236 [04:24<31:17,  4.32it/s]

21%|          | 2124/10236 [04:25<31:35,  4.28it/s]

21%|          | 2125/10236 [04:25<34:53,  3.87it/s]

21%|          | 2126/10236 [04:25<33:31,  4.03it/s]

21%|          | 2127/10236 [04:25<32:49,  4.12it/s]

21%|          | 2128/10236 [04:26<33:16,  4.06it/s]

21%|          | 2129/10236 [04:26<31:53,  4.24it/s]

21%|          | 2130/10236 [04:26<32:06,  4.21it/s]

21%|          | 2131/10236 [04:26<29:41,  4.55it/s]

21%|          | 2132/10236 [04:26<29:20,  4.60it/s]

21%|          | 2133/10236 [04:27<31:57,  4.23it/s]

21%|          | 2134/10236 [04:27<30:20,  4.45it/s]

21%|          | 2135/10236 [04:27<29:03,  4.65it/s]

21%|          | 2136/10236 [04:27<28:56,  4.66it/s]

21%|          | 2138/10236 [04:27<22:36,  5.97it/s]

21%|          | 2140/10236 [04:28<18:10,  7.43it/s]

21%|          | 2142/10236 [04:28<16:10,  8.34it/s]

21%|          | 2144/10236 [04:28<14:39,  9.20it/s]

21%|          | 2146/10236 [04:28<14:29,  9.31it/s]
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21%|        | 2148/10236 [04:28<13:44,  9.81it/s]

21%|        | 2150/10236 [04:28<13:53,  9.71it/s]

21%|        | 2152/10236 [04:29<13:36,  9.90it/s]

21%|        | 2154/10236 [04:29<16:59,  7.93it/s]

21%|        | 2155/10236 [04:29<19:23,  6.95it/s]

21%|        | 2156/10236 [04:29<21:01,  6.40it/s]

21%|        | 2157/10236 [04:30<24:39,  5.46it/s]

21%|        | 2158/10236 [04:30<26:08,  5.15it/s]

21%|        | 2159/10236 [04:30<28:03,  4.80it/s]

21%|        | 2160/10236 [04:30<26:52,  5.01it/s]

21%|        | 2161/10236 [04:30<27:13,  4.94it/s]

21%|        | 2162/10236 [04:31<28:41,  4.69it/s]

21%|        | 2163/10236 [04:31<27:15,  4.94it/s]

21%|        | 2164/10236 [04:31<28:04,  4.79it/s]

21%|        | 2165/10236 [04:31<27:53,  4.82it/s]

21%|        | 2166/10236 [04:32<28:13,  4.76it/s]

21%|        | 2167/10236 [04:32<29:50,  4.51it/s]

21%|        | 2168/10236 [04:32<29:46,  4.52it/s]

21%|        | 2169/10236 [04:32<30:03,  4.47it/s]

21%|        | 2170/10236 [04:33<32:08,  4.18it/s]

21%|        | 2171/10236 [04:33<32:08,  4.18it/s]

21%|        | 2172/10236 [04:33<33:29,  4.01it/s]

21%|        | 2173/10236 [04:33<31:28,  4.27it/s]

21%|        | 2174/10236 [04:33<29:41,  4.53it/s]
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21%|          | 2175/10236 [04:34<29:37,  4.54it/s]

21%|          | 2176/10236 [04:34<29:43,  4.52it/s]

21%|          | 2177/10236 [04:34<30:52,  4.35it/s]

21%|          | 2178/10236 [04:34<34:24,  3.90it/s]

21%|          | 2179/10236 [04:35<33:35,  4.00it/s]

21%|          | 2180/10236 [04:35<33:14,  4.04it/s]

21%|          | 2181/10236 [04:35<31:19,  4.29it/s]

21%|          | 2182/10236 [04:35<30:36,  4.39it/s]

21%|          | 2183/10236 [04:36<31:23,  4.28it/s]

21%|          | 2184/10236 [04:36<29:42,  4.52it/s]

21%|          | 2185/10236 [04:36<30:27,  4.41it/s]

21%|          | 2186/10236 [04:36<28:15,  4.75it/s]

21%|          | 2187/10236 [04:36<25:52,  5.18it/s]

21%|          | 2188/10236 [04:37<26:04,  5.14it/s]

21%|          | 2189/10236 [04:37<24:44,  5.42it/s]

21%|          | 2190/10236 [04:37<22:29,  5.96it/s]

21%|          | 2192/10236 [04:37<18:12,  7.36it/s]

21%|          | 2194/10236 [04:37<15:47,  8.49it/s]

21%|          | 2196/10236 [04:37<13:29,  9.93it/s]

21%|          | 2199/10236 [04:37<11:29, 11.66it/s]

22%|          | 2201/10236 [04:37<10:28, 12.78it/s]

22%|          | 2203/10236 [04:38<09:30, 14.07it/s]

22%|          | 2205/10236 [04:38<09:11, 14.55it/s]

22%|          | 2207/10236 [04:38<09:07, 14.68it/s]
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22%|          | 2209/10236 [04:38<08:36, 15.55it/s]

22%|          | 2212/10236 [04:38<08:08, 16.43it/s]

22%|          | 2214/10236 [04:38<08:14, 16.22it/s]

22%|          | 2216/10236 [04:38<10:18, 12.97it/s]

22%|          | 2218/10236 [04:39<13:05, 10.21it/s]

22%|          | 2220/10236 [04:39<16:05,  8.30it/s]

22%|          | 2222/10236 [04:39<17:14,  7.75it/s]

22%|          | 2223/10236 [04:40<17:37,  7.58it/s]

22%|          | 2224/10236 [04:40<17:54,  7.45it/s]

22%|          | 2225/10236 [04:40<19:24,  6.88it/s]

22%|          | 2227/10236 [04:40<15:41,  8.51it/s]

22%|          | 2230/10236 [04:40<12:55, 10.32it/s]

22%|          | 2233/10236 [04:40<10:57, 12.17it/s]

22%|          | 2235/10236 [04:40<10:05, 13.22it/s]

22%|          | 2238/10236 [04:41<09:08, 14.57it/s]

22%|          | 2240/10236 [04:41<08:30, 15.67it/s]

22%|          | 2242/10236 [04:41<08:39, 15.38it/s]

22%|          | 2244/10236 [04:41<08:23, 15.88it/s]

22%|          | 2246/10236 [04:41<08:10, 16.28it/s]

22%|          | 2248/10236 [04:41<08:15, 16.14it/s]

22%|          | 2250/10236 [04:41<08:02, 16.56it/s]

22%|          | 2252/10236 [04:41<09:14, 14.39it/s]

22%|          | 2254/10236 [04:42<12:21, 10.77it/s]

22%|          | 2256/10236 [04:42<13:38,  9.74it/s]
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22%|          | 2258/10236 [04:42<15:12,  8.74it/s]

22%|          | 2259/10236 [04:42<17:08,  7.75it/s]

22%|          | 2260/10236 [04:43<17:16,  7.70it/s]

22%|          | 2261/10236 [04:43<17:16,  7.69it/s]

22%|          | 2262/10236 [04:43<18:46,  7.08it/s]

22%|          | 2263/10236 [04:43<17:50,  7.45it/s]

22%|          | 2265/10236 [04:43<14:35,  9.11it/s]

22%|          | 2267/10236 [04:43<12:15, 10.84it/s]

22%|          | 2270/10236 [04:43<10:34, 12.56it/s]

22%|          | 2272/10236 [04:43<09:38, 13.76it/s]

22%|          | 2275/10236 [04:44<08:49, 15.04it/s]

22%|          | 2277/10236 [04:44<08:15, 16.05it/s]

22%|          | 2279/10236 [04:44<07:57, 16.66it/s]

22%|          | 2281/10236 [04:44<07:56, 16.70it/s]

22%|          | 2283/10236 [04:44<08:13, 16.13it/s]

22%|          | 2285/10236 [04:44<08:04, 16.40it/s]

22%|          | 2287/10236 [04:44<08:06, 16.34it/s]

22%|          | 2289/10236 [04:44<08:01, 16.52it/s]

22%|          | 2291/10236 [04:45<11:19, 11.69it/s]

22%|          | 2293/10236 [04:45<13:34,  9.76it/s]

22%|          | 2295/10236 [04:45<15:31,  8.53it/s]

22%|          | 2297/10236 [04:46<16:57,  7.80it/s]

22%|          | 2298/10236 [04:46<19:34,  6.76it/s]

22%|          | 2299/10236 [04:46<20:52,  6.34it/s]
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22%|          | 2301/10236 [04:46<17:24,  7.59it/s]

22%|          | 2303/10236 [04:46<14:21,  9.21it/s]

23%|          | 2305/10236 [04:46<12:12, 10.83it/s]

23%|          | 2307/10236 [04:46<10:47, 12.25it/s]

23%|          | 2309/10236 [04:47<09:44, 13.57it/s]

23%|          | 2311/10236 [04:47<09:06, 14.50it/s]

23%|          | 2313/10236 [04:47<08:39, 15.24it/s]

23%|          | 2315/10236 [04:47<08:32, 15.45it/s]

23%|          | 2317/10236 [04:47<08:04, 16.35it/s]

23%|          | 2319/10236 [04:47<08:02, 16.42it/s]

23%|          | 2321/10236 [04:47<07:49, 16.86it/s]

23%|          | 2323/10236 [04:47<07:35, 17.36it/s]

23%|          | 2326/10236 [04:48<07:51, 16.78it/s]

23%|          | 2328/10236 [04:48<10:32, 12.49it/s]

23%|          | 2330/10236 [04:48<12:55, 10.20it/s]

23%|          | 2332/10236 [04:48<14:37,  9.01it/s]

23%|          | 2334/10236 [04:49<18:23,  7.16it/s]

23%|          | 2335/10236 [04:49<17:57,  7.33it/s]

23%|          | 2336/10236 [04:49<17:48,  7.40it/s]

23%|          | 2338/10236 [04:49<14:44,  8.93it/s]

23%|          | 2340/10236 [04:49<12:23, 10.62it/s]

23%|          | 2342/10236 [04:49<10:52, 12.09it/s]

23%|          | 2345/10236 [04:50<09:38, 13.65it/s]

23%|          | 2347/10236 [04:50<09:16, 14.19it/s]
```

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23%|          | 2350/10236 [04:50<08:32, 15.37it/s]

23%|          | 2353/10236 [04:50<08:05, 16.23it/s]

23%|          | 2355/10236 [04:50<08:23, 15.65it/s]

23%|          | 2358/10236 [04:50<07:57, 16.51it/s]

23%|          | 2361/10236 [04:50<07:38, 17.19it/s]

23%|          | 2363/10236 [04:51<07:59, 16.41it/s]

23%|          | 2365/10236 [04:51<11:11, 11.73it/s]

23%|          | 2367/10236 [04:51<13:22,  9.81it/s]

23%|          | 2369/10236 [04:51<15:15,  8.59it/s]

23%|          | 2371/10236 [04:52<15:41,  8.35it/s]

23%|          | 2372/10236 [04:52<17:32,  7.47it/s]

23%|          | 2373/10236 [04:52<18:03,  7.26it/s]

23%|          | 2374/10236 [04:52<18:34,  7.06it/s]

23%|          | 2376/10236 [04:52<15:10,  8.64it/s]

23%|          | 2378/10236 [04:52<12:37, 10.37it/s]

23%|          | 2380/10236 [04:52<10:56, 11.97it/s]

23%|          | 2382/10236 [04:53<09:55, 13.19it/s]

23%|          | 2384/10236 [04:53<09:19, 14.04it/s]

23%|          | 2386/10236 [04:53<08:40, 15.08it/s]

23%|          | 2388/10236 [04:53<08:34, 15.24it/s]

23%|          | 2390/10236 [04:53<08:01, 16.29it/s]

23%|          | 2392/10236 [04:53<07:52, 16.58it/s]

23%|          | 2394/10236 [04:53<07:50, 16.67it/s]

23%|          | 2396/10236 [04:53<07:52, 16.58it/s]
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23%|          | 2398/10236 [04:54<07:36, 17.18it/s]

23%|          | 2400/10236 [04:54<09:33, 13.67it/s]

23%|          | 2402/10236 [04:54<12:45, 10.24it/s]

23%|          | 2404/10236 [04:54<13:51,  9.41it/s]

24%|          | 2406/10236 [04:55<15:16,  8.54it/s]

24%|          | 2407/10236 [04:55<17:07,  7.62it/s]

24%|          | 2408/10236 [04:55<16:57,  7.69it/s]

24%|          | 2409/10236 [04:55<17:14,  7.57it/s]

24%|          | 2410/10236 [04:55<18:31,  7.04it/s]

24%|          | 2412/10236 [04:55<15:16,  8.54it/s]

24%|          | 2414/10236 [04:55<12:40, 10.28it/s]

24%|          | 2416/10236 [04:55<10:50, 12.03it/s]

24%|          | 2418/10236 [04:56<09:36, 13.57it/s]

24%|          | 2421/10236 [04:56<08:45, 14.88it/s]

24%|          | 2423/10236 [04:56<08:09, 15.96it/s]

24%|          | 2425/10236 [04:56<07:52, 16.52it/s]

24%|          | 2427/10236 [04:56<07:40, 16.96it/s]

24%|          | 2429/10236 [04:56<07:20, 17.73it/s]

24%|          | 2431/10236 [04:56<07:19, 17.74it/s]

24%|          | 2433/10236 [04:56<07:20, 17.69it/s]

24%|          | 2435/10236 [04:57<07:21, 17.67it/s]

24%|          | 2437/10236 [04:57<07:06, 18.28it/s]

24%|          | 2439/10236 [04:57<08:42, 14.93it/s]

24%|          | 2441/10236 [04:57<11:39, 11.14it/s]
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24%|          | 2443/10236 [04:57<13:35,  9.56it/s]

24%|          | 2445/10236 [04:58<14:18,  9.08it/s]

24%|          | 2447/10236 [04:58<16:00,  8.11it/s]

24%|          | 2448/10236 [04:58<16:18,  7.96it/s]

24%|          | 2449/10236 [04:58<17:39,  7.35it/s]

24%|          | 2452/10236 [04:58<14:17,  9.08it/s]

24%|          | 2454/10236 [04:58<11:59, 10.82it/s]

24%|          | 2457/10236 [04:59<10:19, 12.56it/s]

24%|          | 2460/10236 [04:59<09:13, 14.04it/s]

24%|          | 2463/10236 [04:59<08:28, 15.28it/s]

24%|          | 2465/10236 [04:59<08:22, 15.45it/s]

24%|          | 2468/10236 [04:59<07:53, 16.42it/s]

24%|          | 2471/10236 [04:59<07:30, 17.22it/s]

24%|          | 2473/10236 [04:59<07:13, 17.90it/s]

24%|          | 2475/10236 [05:00<07:16, 17.77it/s]

24%|          | 2477/10236 [05:00<07:49, 16.52it/s]

24%|          | 2479/10236 [05:00<07:34, 17.05it/s]

24%|          | 2482/10236 [05:00<07:17, 17.73it/s]

24%|          | 2485/10236 [05:00<07:07, 18.12it/s]

24%|          | 2488/10236 [05:00<06:59, 18.47it/s]

24%|          | 2490/10236 [05:00<07:02, 18.34it/s]

24%|          | 2492/10236 [05:01<07:07, 18.12it/s]

24%|          | 2494/10236 [05:01<07:09, 18.01it/s]

24%|          | 2496/10236 [05:01<07:24, 17.42it/s]
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24%|        | 2498/10236 [05:01<07:22, 17.48it/s]

24%|        | 2500/10236 [05:01<07:18, 17.64it/s]

24%|        | 2502/10236 [05:01<07:23, 17.42it/s]

24%|        | 2504/10236 [05:01<09:03, 14.22it/s]

24%|        | 2506/10236 [05:02<11:05, 11.62it/s]

25%|        | 2508/10236 [05:02<13:19,  9.67it/s]

25%|        | 2510/10236 [05:02<14:49,  8.68it/s]

25%|        | 2511/10236 [05:02<15:24,  8.35it/s]

25%|        | 2512/10236 [05:02<15:48,  8.15it/s]

25%|        | 2513/10236 [05:03<17:30,  7.35it/s]

25%|        | 2514/10236 [05:03<16:45,  7.68it/s]

25%|        | 2516/10236 [05:03<13:46,  9.34it/s]

25%|        | 2518/10236 [05:03<11:35, 11.10it/s]

25%|        | 2521/10236 [05:03<09:55, 12.95it/s]

25%|        | 2524/10236 [05:03<08:51, 14.52it/s]

25%|        | 2526/10236 [05:03<08:16, 15.52it/s]

25%|        | 2529/10236 [05:03<07:41, 16.69it/s]

25%|        | 2531/10236 [05:04<07:21, 17.45it/s]

25%|        | 2533/10236 [05:04<07:19, 17.52it/s]

25%|        | 2535/10236 [05:04<07:22, 17.41it/s]

25%|        | 2537/10236 [05:04<07:26, 17.23it/s]

25%|        | 2539/10236 [05:04<07:10, 17.88it/s]

25%|        | 2541/10236 [05:04<07:12, 17.80it/s]

25%|        | 2543/10236 [05:04<09:17, 13.81it/s]
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25%|          | 2545/10236 [05:05<11:18, 11.33it/s]

25%|          | 2547/10236 [05:05<13:18,  9.63it/s]

25%|          | 2549/10236 [05:05<14:45,  8.68it/s]

25%|          | 2551/10236 [05:05<15:42,  8.15it/s]

25%|          | 2552/10236 [05:06<15:59,  8.01it/s]

25%|          | 2554/10236 [05:06<14:06,  9.08it/s]

25%|          | 2557/10236 [05:06<11:42, 10.93it/s]

25%|          | 2560/10236 [05:06<10:02, 12.74it/s]

25%|          | 2562/10236 [05:06<09:00, 14.20it/s]

25%|          | 2565/10236 [05:06<08:13, 15.55it/s]

25%|          | 2567/10236 [05:06<07:42, 16.58it/s]

25%|          | 2569/10236 [05:06<07:27, 17.12it/s]

25%|          | 2571/10236 [05:07<07:36, 16.79it/s]

25%|          | 2574/10236 [05:07<07:20, 17.39it/s]

25%|          | 2576/10236 [05:07<07:19, 17.45it/s]

25%|          | 2578/10236 [05:07<07:02, 18.12it/s]

25%|          | 2580/10236 [05:07<07:25, 17.17it/s]

25%|          | 2582/10236 [05:07<09:54, 12.88it/s]

25%|          | 2584/10236 [05:08<11:37, 10.96it/s]

25%|          | 2586/10236 [05:08<13:31,  9.43it/s]

25%|          | 2588/10236 [05:08<14:57,  8.53it/s]

25%|          | 2589/10236 [05:08<15:20,  8.31it/s]

25%|          | 2590/10236 [05:08<16:57,  7.51it/s]

25%|          | 2591/10236 [05:09<16:55,  7.53it/s]
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25%|          | 2593/10236 [05:09<13:59,  9.10it/s]

25%|          | 2596/10236 [05:09<11:37, 10.95it/s]

25%|          | 2599/10236 [05:09<09:57, 12.77it/s]

25%|          | 2601/10236 [05:09<08:56, 14.24it/s]

25%|          | 2604/10236 [05:09<08:05, 15.73it/s]

25%|          | 2607/10236 [05:09<07:32, 16.85it/s]

25%|          | 2610/10236 [05:09<07:11, 17.66it/s]

26%|          | 2612/10236 [05:10<07:24, 17.15it/s]

26%|          | 2615/10236 [05:10<07:10, 17.69it/s]

26%|          | 2617/10236 [05:10<06:59, 18.16it/s]

26%|          | 2619/10236 [05:10<07:01, 18.06it/s]

26%|          | 2621/10236 [05:10<07:19, 17.33it/s]

26%|          | 2623/10236 [05:10<07:16, 17.44it/s]

26%|          | 2625/10236 [05:10<07:17, 17.40it/s]

26%|          | 2627/10236 [05:10<07:22, 17.20it/s]

26%|          | 2629/10236 [05:11<07:23, 17.14it/s]

26%|          | 2631/10236 [05:11<07:15, 17.45it/s]

26%|          | 2633/10236 [05:11<07:13, 17.55it/s]

26%|          | 2635/10236 [05:11<07:13, 17.54it/s]

26%|          | 2637/10236 [05:11<07:25, 17.05it/s]

26%|          | 2639/10236 [05:11<07:09, 17.68it/s]

26%|          | 2641/10236 [05:11<07:14, 17.50it/s]

26%|          | 2643/10236 [05:11<07:10, 17.63it/s]

26%|          | 2645/10236 [05:11<06:56, 18.23it/s]
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26%|          | 2647/10236 [05:12<09:27, 13.37it/s]

26%|          | 2649/10236 [05:12<12:00, 10.54it/s]

26%|          | 2651/10236 [05:12<13:48,  9.15it/s]

26%|          | 2653/10236 [05:13<14:18,  8.83it/s]

26%|          | 2655/10236 [05:13<15:19,  8.24it/s]

26%|          | 2656/10236 [05:13<15:41,  8.05it/s]

26%|          | 2658/10236 [05:13<13:26,  9.40it/s]

26%|          | 2660/10236 [05:13<11:20, 11.13it/s]

26%|          | 2663/10236 [05:13<09:44, 12.96it/s]

26%|          | 2665/10236 [05:13<08:50, 14.27it/s]

26%|          | 2668/10236 [05:14<07:58, 15.81it/s]

26%|          | 2671/10236 [05:14<07:35, 16.62it/s]

26%|          | 2673/10236 [05:14<07:14, 17.42it/s]

26%|          | 2675/10236 [05:14<07:10, 17.55it/s]

26%|          | 2677/10236 [05:14<07:15, 17.35it/s]

26%|          | 2679/10236 [05:14<07:12, 17.46it/s]

26%|          | 2681/10236 [05:14<07:02, 17.90it/s]

26%|          | 2683/10236 [05:14<07:07, 17.68it/s]

26%|          | 2685/10236 [05:15<09:08, 13.78it/s]

26%|          | 2687/10236 [05:15<11:05, 11.35it/s]

26%|          | 2689/10236 [05:15<13:25,  9.36it/s]

26%|          | 2691/10236 [05:15<14:53,  8.44it/s]

26%|          | 2692/10236 [05:16<15:25,  8.15it/s]

26%|          | 2693/10236 [05:16<17:01,  7.38it/s]
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26%|          | 2694/10236 [05:16<16:55,  7.42it/s]

26%|          | 2696/10236 [05:16<14:28,  8.68it/s]

26%|          | 2699/10236 [05:16<11:56, 10.53it/s]

26%|          | 2702/10236 [05:16<10:08, 12.38it/s]

26%|          | 2704/10236 [05:16<09:20, 13.44it/s]

26%|          | 2707/10236 [05:17<08:25, 14.89it/s]

26%|          | 2709/10236 [05:17<07:47, 16.11it/s]

26%|          | 2711/10236 [05:17<07:31, 16.68it/s]

27%|          | 2713/10236 [05:17<07:25, 16.90it/s]

27%|          | 2715/10236 [05:17<07:21, 17.05it/s]

27%|          | 2717/10236 [05:17<07:04, 17.72it/s]

27%|          | 2719/10236 [05:17<07:06, 17.64it/s]

27%|          | 2721/10236 [05:17<07:10, 17.46it/s]

27%|          | 2723/10236 [05:18<08:43, 14.36it/s]

27%|          | 2725/10236 [05:18<11:26, 10.94it/s]

27%|          | 2727/10236 [05:18<13:26,  9.31it/s]

27%|          | 2729/10236 [05:18<14:34,  8.59it/s]

27%|          | 2730/10236 [05:19<15:05,  8.29it/s]

27%|          | 2731/10236 [05:19<15:34,  8.03it/s]

27%|          | 2732/10236 [05:19<17:10,  7.28it/s]

27%|          | 2734/10236 [05:19<14:26,  8.66it/s]

27%|          | 2736/10236 [05:19<12:04, 10.35it/s]

27%|          | 2738/10236 [05:19<10:22, 12.04it/s]

27%|          | 2740/10236 [05:19<09:11, 13.60it/s]
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27%|          | 2743/10236 [05:19<08:13, 15.20it/s]

27%|          | 2745/10236 [05:20<07:46, 16.05it/s]

27%|          | 2747/10236 [05:20<07:24, 16.87it/s]

27%|          | 2749/10236 [05:20<07:14, 17.25it/s]

27%|          | 2751/10236 [05:20<07:09, 17.45it/s]

27%|          | 2753/10236 [05:20<06:54, 18.06it/s]

27%|          | 2755/10236 [05:20<07:02, 17.71it/s]

27%|          | 2757/10236 [05:20<06:59, 17.83it/s]

27%|          | 2759/10236 [05:20<07:04, 17.60it/s]

27%|          | 2761/10236 [05:20<07:02, 17.67it/s]

27%|          | 2763/10236 [05:21<07:01, 17.75it/s]

27%|          | 2765/10236 [05:21<07:21, 16.93it/s]

27%|          | 2767/10236 [05:21<07:24, 16.81it/s]

27%|          | 2769/10236 [05:21<07:49, 15.90it/s]

27%|          | 2771/10236 [05:21<07:58, 15.60it/s]

27%|          | 2773/10236 [05:21<08:01, 15.49it/s]

27%|          | 2775/10236 [05:21<07:50, 15.86it/s]

27%|          | 2777/10236 [05:21<07:53, 15.75it/s]

27%|          | 2779/10236 [05:22<07:31, 16.52it/s]

27%|          | 2781/10236 [05:22<07:20, 16.92it/s]

27%|          | 2783/10236 [05:22<07:08, 17.38it/s]

27%|          | 2785/10236 [05:22<07:22, 16.83it/s]

27%|          | 2787/10236 [05:22<10:28, 11.85it/s]

27%|          | 2789/10236 [05:22<11:58, 10.36it/s]
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27%|          | 2791/10236 [05:23<13:36,  9.12it/s]

27%|          | 2793/10236 [05:23<14:56,  8.30it/s]

27%|          | 2794/10236 [05:23<15:18,  8.10it/s]

27%|          | 2795/10236 [05:23<16:53,  7.34it/s]

27%|          | 2797/10236 [05:23<14:25,  8.59it/s]

27%|          | 2799/10236 [05:24<12:00, 10.33it/s]

27%|          | 2801/10236 [05:24<10:16, 12.06it/s]

27%|          | 2804/10236 [05:24<08:58, 13.81it/s]

27%|          | 2807/10236 [05:24<08:06, 15.28it/s]

27%|          | 2810/10236 [05:24<07:32, 16.39it/s]

27%|          | 2812/10236 [05:24<07:22, 16.79it/s]

27%|          | 2814/10236 [05:24<07:11, 17.19it/s]

28%|          | 2816/10236 [05:24<07:16, 16.99it/s]

28%|          | 2818/10236 [05:25<07:49, 15.80it/s]

28%|          | 2820/10236 [05:25<08:04, 15.29it/s]

28%|          | 2822/10236 [05:25<09:00, 13.71it/s]

28%|          | 2824/10236 [05:25<13:10,  9.38it/s]

28%|          | 2826/10236 [05:26<17:06,  7.22it/s]

28%|          | 2827/10236 [05:26<18:19,  6.74it/s]

28%|          | 2828/10236 [05:26<18:54,  6.53it/s]

28%|          | 2829/10236 [05:26<22:41,  5.44it/s]

28%|          | 2830/10236 [05:26<23:52,  5.17it/s]

28%|          | 2831/10236 [05:27<24:51,  4.97it/s]

28%|          | 2832/10236 [05:27<24:59,  4.94it/s]
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28%|          | 2833/10236 [05:27<22:56,  5.38it/s]

28%|          | 2834/10236 [05:27<22:54,  5.38it/s]

28%|          | 2835/10236 [05:27<22:37,  5.45it/s]

28%|          | 2836/10236 [05:28<21:51,  5.64it/s]

28%|          | 2837/10236 [05:28<21:34,  5.71it/s]

28%|          | 2838/10236 [05:28<22:03,  5.59it/s]

28%|          | 2840/10236 [05:28<18:05,  6.81it/s]

28%|          | 2842/10236 [05:28<14:32,  8.47it/s]

28%|          | 2844/10236 [05:28<12:11, 10.11it/s]

28%|          | 2846/10236 [05:28<10:44, 11.46it/s]

28%|          | 2848/10236 [05:29<09:23, 13.12it/s]

28%|          | 2850/10236 [05:29<08:40, 14.20it/s]

28%|          | 2852/10236 [05:29<08:25, 14.60it/s]

28%|          | 2854/10236 [05:29<08:08, 15.12it/s]

28%|          | 2856/10236 [05:29<08:07, 15.15it/s]

28%|          | 2858/10236 [05:29<08:46, 14.02it/s]

28%|          | 2860/10236 [05:29<08:24, 14.62it/s]

28%|          | 2862/10236 [05:29<08:19, 14.75it/s]

28%|          | 2864/10236 [05:30<10:12, 12.04it/s]

28%|          | 2866/10236 [05:30<12:32,  9.79it/s]

28%|          | 2868/10236 [05:30<15:10,  8.10it/s]

28%|          | 2869/10236 [05:30<15:23,  7.98it/s]

28%|          | 2870/10236 [05:31<15:32,  7.90it/s]

28%|          | 2871/10236 [05:31<17:27,  7.03it/s]
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28%|          | 2872/10236 [05:31<16:55,  7.25it/s]

28%|          | 2873/10236 [05:31<15:39,  7.84it/s]

28%|          | 2875/10236 [05:31<12:49,  9.56it/s]

28%|          | 2877/10236 [05:31<11:01, 11.12it/s]

28%|          | 2880/10236 [05:31<09:31, 12.88it/s]

28%|          | 2882/10236 [05:31<08:45, 13.99it/s]

28%|          | 2885/10236 [05:32<08:01, 15.27it/s]

28%|          | 2888/10236 [05:32<07:33, 16.20it/s]

28%|          | 2891/10236 [05:32<07:10, 17.06it/s]

28%|          | 2893/10236 [05:32<06:54, 17.71it/s]

28%|          | 2895/10236 [05:32<06:57, 17.59it/s]

28%|          | 2897/10236 [05:32<07:01, 17.42it/s]

28%|          | 2899/10236 [05:32<06:58, 17.55it/s]

28%|          | 2901/10236 [05:33<08:05, 15.11it/s]

28%|          | 2903/10236 [05:33<11:17, 10.83it/s]

28%|          | 2905/10236 [05:33<13:33,  9.01it/s]

28%|          | 2907/10236 [05:33<13:58,  8.75it/s]

28%|          | 2909/10236 [05:34<15:01,  8.13it/s]

28%|          | 2910/10236 [05:34<15:17,  7.98it/s]

28%|          | 2911/10236 [05:34<15:07,  8.07it/s]

28%|          | 2913/10236 [05:34<12:28,  9.79it/s]

28%|          | 2916/10236 [05:34<10:32, 11.57it/s]

29%|          | 2919/10236 [05:34<09:10, 13.30it/s]

29%|          | 2922/10236 [05:34<08:18, 14.67it/s]
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29%|          | 2924/10236 [05:35<07:39, 15.92it/s]

29%|          | 2926/10236 [05:35<08:37, 14.11it/s]

29%|          | 2928/10236 [05:35<09:05, 13.39it/s]

29%|          | 2930/10236 [05:35<09:22, 13.00it/s]

29%|          | 2932/10236 [05:35<09:04, 13.41it/s]

29%|          | 2934/10236 [05:35<09:40, 12.58it/s]

29%|          | 2936/10236 [05:36<13:06,  9.28it/s]

29%|          | 2938/10236 [05:36<14:04,  8.65it/s]

29%|          | 2939/10236 [05:36<18:14,  6.66it/s]

29%|          | 2940/10236 [05:36<18:49,  6.46it/s]

29%|          | 2941/10236 [05:37<18:29,  6.58it/s]

29%|          | 2942/10236 [05:37<20:12,  6.02it/s]

29%|          | 2943/10236 [05:37<19:02,  6.38it/s]

29%|          | 2944/10236 [05:37<20:48,  5.84it/s]

29%|          | 2945/10236 [05:37<22:02,  5.51it/s]

29%|          | 2946/10236 [05:37<21:26,  5.67it/s]

29%|          | 2947/10236 [05:38<21:25,  5.67it/s]

29%|          | 2948/10236 [05:38<20:24,  5.95it/s]

29%|          | 2949/10236 [05:38<20:27,  5.94it/s]

29%|          | 2950/10236 [05:38<21:24,  5.67it/s]

29%|          | 2951/10236 [05:38<20:25,  5.94it/s]

29%|          | 2952/10236 [05:38<18:02,  6.73it/s]

29%|          | 2954/10236 [05:39<14:49,  8.19it/s]

29%|          | 2956/10236 [05:39<12:59,  9.34it/s]
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29%|          | 2958/10236 [05:39<13:19,  9.10it/s]

29%|          | 2960/10236 [05:39<13:24,  9.04it/s]

29%|          | 2961/10236 [05:39<14:15,  8.50it/s]

29%|          | 2963/10236 [05:39<12:06, 10.00it/s]

29%|          | 2965/10236 [05:40<11:18, 10.72it/s]

29%|          | 2967/10236 [05:40<10:16, 11.79it/s]

29%|          | 2969/10236 [05:40<09:21, 12.95it/s]

29%|          | 2971/10236 [05:40<11:07, 10.88it/s]

29%|          | 2973/10236 [05:40<13:03,  9.27it/s]

29%|          | 2975/10236 [05:41<14:28,  8.36it/s]

29%|          | 2976/10236 [05:41<15:14,  7.94it/s]

29%|          | 2977/10236 [05:41<15:31,  7.79it/s]

29%|          | 2978/10236 [05:41<18:11,  6.65it/s]

29%|          | 2979/10236 [05:41<19:55,  6.07it/s]

29%|          | 2980/10236 [05:41<19:43,  6.13it/s]

29%|          | 2982/10236 [05:42<16:07,  7.50it/s]

29%|          | 2984/10236 [05:42<13:28,  8.97it/s]

29%|          | 2986/10236 [05:42<11:19, 10.68it/s]

29%|          | 2988/10236 [05:42<11:49, 10.21it/s]

29%|          | 2990/10236 [05:42<13:54,  8.68it/s]

29%|          | 2992/10236 [05:43<15:06,  7.99it/s]

29%|          | 2993/10236 [05:43<15:53,  7.60it/s]

29%|          | 2994/10236 [05:43<16:42,  7.23it/s]

29%|          | 2995/10236 [05:43<17:14,  7.00it/s]
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29%|         | 2996/10236 [05:43<17:06,  7.05it/s]

29%|         | 2997/10236 [05:43<16:59,  7.10it/s]

29%|         | 2998/10236 [05:44<17:19,  6.96it/s]

29%|         | 3001/10236 [05:44<14:01,  8.60it/s]

29%|         | 3003/10236 [05:44<11:42, 10.30it/s]

29%|         | 3005/10236 [05:44<10:39, 11.30it/s]

29%|         | 3007/10236 [05:44<10:40, 11.29it/s]

29%|         | 3009/10236 [05:44<10:12, 11.81it/s]

29%|         | 3011/10236 [05:44<09:17, 12.96it/s]

29%|         | 3013/10236 [05:45<10:10, 11.83it/s]

29%|         | 3015/10236 [05:45<12:28,  9.65it/s]

29%|         | 3017/10236 [05:45<13:37,  8.83it/s]

29%|         | 3018/10236 [05:45<15:49,  7.60it/s]

29%|         | 3019/10236 [05:45<16:03,  7.49it/s]

30%|         | 3020/10236 [05:46<16:07,  7.46it/s]

30%|         | 3021/10236 [05:46<17:40,  6.80it/s]

30%|         | 3022/10236 [05:46<17:03,  7.05it/s]

30%|         | 3023/10236 [05:46<19:02,  6.31it/s]

30%|         | 3025/10236 [05:46<15:11,  7.91it/s]

30%|         | 3027/10236 [05:46<13:05,  9.17it/s]

30%|         | 3029/10236 [05:46<11:37, 10.34it/s]

30%|         | 3031/10236 [05:47<10:04, 11.92it/s]

30%|         | 3033/10236 [05:47<09:32, 12.58it/s]

30%|         | 3035/10236 [05:47<09:30, 12.62it/s]
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30%|          | 3037/10236 [05:47<10:00, 12.00it/s]

30%|          | 3039/10236 [05:47<09:54, 12.10it/s]

30%|          | 3041/10236 [05:47<09:47, 12.24it/s]

30%|          | 3043/10236 [05:48<09:24, 12.73it/s]

30%|          | 3045/10236 [05:48<12:18,  9.74it/s]

30%|          | 3047/10236 [05:48<14:55,  8.03it/s]

30%|          | 3048/10236 [05:48<15:38,  7.66it/s]

30%|          | 3049/10236 [05:49<17:10,  6.97it/s]

30%|          | 3050/10236 [05:49<17:07,  7.00it/s]

30%|          | 3051/10236 [05:49<17:02,  7.03it/s]

30%|          | 3052/10236 [05:49<18:22,  6.51it/s]

30%|          | 3053/10236 [05:49<18:18,  6.54it/s]

30%|          | 3055/10236 [05:49<15:09,  7.90it/s]

30%|          | 3057/10236 [05:49<12:37,  9.48it/s]

30%|          | 3059/10236 [05:49<10:41, 11.19it/s]

30%|          | 3061/10236 [05:50<09:30, 12.57it/s]

30%|          | 3063/10236 [05:50<08:44, 13.68it/s]

30%|          | 3066/10236 [05:50<07:59, 14.95it/s]

30%|          | 3068/10236 [05:50<07:45, 15.40it/s]

30%|          | 3070/10236 [05:50<07:40, 15.56it/s]

30%|          | 3072/10236 [05:50<07:39, 15.60it/s]

30%|          | 3074/10236 [05:50<07:39, 15.59it/s]

30%|          | 3076/10236 [05:50<07:34, 15.75it/s]

30%|          | 3078/10236 [05:51<08:02, 14.83it/s]
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30%|          | 3080/10236 [05:51<11:43, 10.18it/s]

30%|          | 3082/10236 [05:51<14:14,  8.38it/s]

30%|          | 3084/10236 [05:52<15:54,  7.49it/s]

30%|          | 3085/10236 [05:52<16:24,  7.26it/s]

30%|          | 3086/10236 [05:52<18:46,  6.35it/s]

30%|          | 3087/10236 [05:52<19:31,  6.10it/s]

30%|          | 3089/10236 [05:52<16:23,  7.27it/s]

30%|          | 3091/10236 [05:52<13:29,  8.83it/s]

30%|          | 3094/10236 [05:53<11:22, 10.47it/s]

30%|          | 3096/10236 [05:53<09:54, 12.01it/s]

30%|          | 3098/10236 [05:53<09:18, 12.78it/s]

30%|          | 3100/10236 [05:53<08:39, 13.73it/s]

30%|          | 3102/10236 [05:53<07:57, 14.94it/s]

30%|          | 3104/10236 [05:53<07:40, 15.49it/s]

30%|          | 3106/10236 [05:53<07:21, 16.17it/s]

30%|          | 3108/10236 [05:53<07:21, 16.15it/s]

30%|          | 3110/10236 [05:54<07:45, 15.31it/s]

30%|          | 3112/10236 [05:54<09:41, 12.25it/s]

30%|          | 3114/10236 [05:54<14:04,  8.43it/s]

30%|          | 3116/10236 [05:55<15:18,  7.75it/s]

30%|          | 3117/10236 [05:55<20:25,  5.81it/s]

30%|          | 3118/10236 [05:55<22:39,  5.24it/s]

30%|          | 3119/10236 [05:55<24:31,  4.84it/s]

30%|          | 3120/10236 [05:56<27:38,  4.29it/s]
```

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30%|            | 3121/10236 [05:56<27:46,  4.27it/s]

31%|            | 3122/10236 [05:56<28:24,  4.17it/s]

31%|            | 3123/10236 [05:56<30:08,  3.93it/s]

31%|            | 3124/10236 [05:57<29:07,  4.07it/s]

31%|            | 3125/10236 [05:57<28:52,  4.10it/s]

31%|            | 3126/10236 [05:57<30:41,  3.86it/s]

31%|            | 3127/10236 [05:57<30:43,  3.86it/s]

31%|            | 3128/10236 [05:58<31:53,  3.72it/s]

31%|            | 3129/10236 [05:58<30:00,  3.95it/s]

31%|            | 3130/10236 [05:58<29:05,  4.07it/s]

31%|            | 3131/10236 [05:58<29:04,  4.07it/s]

31%|            | 3132/10236 [05:59<29:09,  4.06it/s]

31%|            | 3133/10236 [05:59<27:40,  4.28it/s]

31%|            | 3134/10236 [05:59<27:47,  4.26it/s]

31%|            | 3135/10236 [05:59<26:20,  4.49it/s]

31%|            | 3136/10236 [05:59<25:22,  4.66it/s]

31%|            | 3137/10236 [06:00<28:03,  4.22it/s]

31%|            | 3138/10236 [06:00<26:52,  4.40it/s]

31%|            | 3139/10236 [06:00<24:44,  4.78it/s]

31%|            | 3141/10236 [06:00<19:50,  5.96it/s]

31%|            | 3143/10236 [06:00<16:34,  7.13it/s]

31%|            | 3145/10236 [06:01<15:20,  7.70it/s]

31%|            | 3146/10236 [06:01<14:45,  8.00it/s]

31%|            | 3147/10236 [06:01<14:31,  8.13it/s]
```

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31%|              | 3148/10236 [06:01<17:55,  6.59it/s]

31%|              | 3149/10236 [06:01<16:23,  7.20it/s]

31%|              | 3150/10236 [06:01<16:06,  7.33it/s]

31%|              | 3151/10236 [06:01<15:36,  7.57it/s]

31%|              | 3152/10236 [06:02<14:36,  8.08it/s]

31%|              | 3153/10236 [06:02<15:30,  7.61it/s]

31%|              | 3154/10236 [06:02<20:34,  5.74it/s]

31%|              | 3155/10236 [06:02<22:05,  5.34it/s]

31%|              | 3156/10236 [06:02<23:31,  5.02it/s]

31%|              | 3157/10236 [06:03<25:24,  4.64it/s]

31%|              | 3158/10236 [06:03<26:22,  4.47it/s]

31%|              | 3159/10236 [06:03<25:55,  4.55it/s]

31%|              | 3160/10236 [06:03<27:01,  4.36it/s]

31%|              | 3161/10236 [06:04<26:25,  4.46it/s]

31%|              | 3162/10236 [06:04<27:09,  4.34it/s]

31%|              | 3163/10236 [06:04<26:35,  4.43it/s]

31%|              | 3164/10236 [06:04<27:04,  4.35it/s]

31%|              | 3165/10236 [06:05<28:54,  4.08it/s]

31%|              | 3166/10236 [06:05<28:21,  4.15it/s]

31%|              | 3167/10236 [06:05<28:25,  4.15it/s]

31%|              | 3168/10236 [06:05<29:23,  4.01it/s]

31%|              | 3169/10236 [06:05<27:55,  4.22it/s]

31%|              | 3170/10236 [06:06<27:13,  4.33it/s]

31%|              | 3171/10236 [06:06<28:03,  4.20it/s]
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31%|          | 3172/10236 [06:06<28:12,  4.17it/s]

31%|          | 3173/10236 [06:06<28:30,  4.13it/s]

31%|          | 3174/10236 [06:07<30:17,  3.88it/s]

31%|          | 3175/10236 [06:07<30:11,  3.90it/s]

31%|          | 3176/10236 [06:07<30:18,  3.88it/s]

31%|          | 3177/10236 [06:08<31:11,  3.77it/s]

31%|          | 3178/10236 [06:08<29:06,  4.04it/s]

31%|          | 3179/10236 [06:08<28:51,  4.08it/s]

31%|          | 3180/10236 [06:08<28:19,  4.15it/s]

31%|          | 3181/10236 [06:08<27:13,  4.32it/s]

31%|          | 3182/10236 [06:09<28:34,  4.11it/s]

31%|          | 3183/10236 [06:09<27:03,  4.34it/s]

31%|          | 3184/10236 [06:09<26:27,  4.44it/s]

31%|          | 3185/10236 [06:09<29:17,  4.01it/s]

31%|          | 3186/10236 [06:10<29:55,  3.93it/s]

31%|          | 3187/10236 [06:10<28:46,  4.08it/s]

31%|          | 3188/10236 [06:10<28:17,  4.15it/s]

31%|          | 3189/10236 [06:10<28:02,  4.19it/s]

31%|          | 3190/10236 [06:11<27:16,  4.31it/s]

31%|          | 3191/10236 [06:11<28:19,  4.15it/s]

31%|          | 3192/10236 [06:11<28:15,  4.15it/s]

31%|          | 3193/10236 [06:11<27:54,  4.21it/s]

31%|          | 3194/10236 [06:12<29:43,  3.95it/s]

31%|          | 3195/10236 [06:12<28:43,  4.09it/s]
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31%|        | 3196/10236 [06:12<29:14,  4.01it/s]

31%|        | 3197/10236 [06:12<27:59,  4.19it/s]

31%|        | 3198/10236 [06:12<25:31,  4.60it/s]

31%|        | 3199/10236 [06:13<27:16,  4.30it/s]

31%|        | 3200/10236 [06:13<25:18,  4.63it/s]

31%|        | 3201/10236 [06:13<24:11,  4.85it/s]

31%|        | 3202/10236 [06:13<25:37,  4.57it/s]

31%|        | 3203/10236 [06:14<23:53,  4.91it/s]

31%|        | 3204/10236 [06:14<22:12,  5.28it/s]

31%|        | 3206/10236 [06:14<17:41,  6.62it/s]

31%|        | 3208/10236 [06:14<14:26,  8.11it/s]

31%|        | 3210/10236 [06:14<12:18,  9.51it/s]

31%|        | 3212/10236 [06:14<11:15, 10.40it/s]

31%|        | 3214/10236 [06:14<09:56, 11.77it/s]

31%|        | 3216/10236 [06:14<09:19, 12.54it/s]

31%|        | 3218/10236 [06:15<08:39, 13.52it/s]

31%|        | 3220/10236 [06:15<08:40, 13.47it/s]

31%|        | 3222/10236 [06:15<08:35, 13.60it/s]

31%|        | 3224/10236 [06:15<08:28, 13.80it/s]

32%|        | 3226/10236 [06:15<11:51,  9.85it/s]

32%|        | 3228/10236 [06:16<17:03,  6.84it/s]

32%|        | 3229/10236 [06:16<20:57,  5.57it/s]

32%|        | 3230/10236 [06:16<22:48,  5.12it/s]

32%|        | 3231/10236 [06:17<22:09,  5.27it/s]
```

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32%|        | 3232/10236 [06:17<21:37,  5.40it/s]

32%|        | 3233/10236 [06:17<22:39,  5.15it/s]

32%|        | 3234/10236 [06:17<21:52,  5.34it/s]

32%|        | 3235/10236 [06:17<21:25,  5.44it/s]

32%|        | 3236/10236 [06:17<22:50,  5.11it/s]

32%|        | 3237/10236 [06:18<21:51,  5.34it/s]

32%|        | 3238/10236 [06:18<22:52,  5.10it/s]

32%|        | 3239/10236 [06:18<24:47,  4.70it/s]

32%|        | 3240/10236 [06:18<21:30,  5.42it/s]

32%|        | 3242/10236 [06:18<17:18,  6.73it/s]

32%|        | 3244/10236 [06:18<14:26,  8.07it/s]

32%|        | 3246/10236 [06:19<11:57,  9.74it/s]

32%|        | 3248/10236 [06:19<10:46, 10.80it/s]

32%|        | 3250/10236 [06:19<10:01, 11.62it/s]

32%|        | 3252/10236 [06:19<09:24, 12.37it/s]

32%|        | 3254/10236 [06:19<11:04, 10.51it/s]

32%|        | 3256/10236 [06:20<12:34,  9.25it/s]

32%|        | 3258/10236 [06:20<11:56,  9.74it/s]

32%|        | 3260/10236 [06:20<15:00,  7.75it/s]

32%|        | 3261/10236 [06:20<20:20,  5.71it/s]

32%|        | 3262/10236 [06:21<22:52,  5.08it/s]

32%|        | 3263/10236 [06:21<24:50,  4.68it/s]

32%|        | 3264/10236 [06:21<27:09,  4.28it/s]

32%|        | 3265/10236 [06:21<24:53,  4.67it/s]
```

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32%|         | 3266/10236 [06:22<23:36,  4.92it/s]

32%|         | 3267/10236 [06:22<23:53,  4.86it/s]

32%|         | 3268/10236 [06:22<22:58,  5.06it/s]

32%|         | 3269/10236 [06:22<22:07,  5.25it/s]

32%|         | 3270/10236 [06:22<22:48,  5.09it/s]

32%|         | 3271/10236 [06:22<22:05,  5.26it/s]

32%|         | 3272/10236 [06:23<22:24,  5.18it/s]

32%|         | 3273/10236 [06:23<22:47,  5.09it/s]

32%|         | 3274/10236 [06:23<21:56,  5.29it/s]

32%|         | 3275/10236 [06:23<21:15,  5.46it/s]

32%|         | 3276/10236 [06:23<22:05,  5.25it/s]

32%|         | 3277/10236 [06:24<21:34,  5.37it/s]

32%|         | 3278/10236 [06:24<22:54,  5.06it/s]

32%|         | 3279/10236 [06:24<21:59,  5.27it/s]

32%|         | 3280/10236 [06:24<21:15,  5.45it/s]

32%|         | 3281/10236 [06:24<22:11,  5.22it/s]

32%|         | 3282/10236 [06:25<21:25,  5.41it/s]

32%|         | 3283/10236 [06:25<21:26,  5.40it/s]

32%|         | 3284/10236 [06:25<23:02,  5.03it/s]

32%|         | 3285/10236 [06:25<22:12,  5.22it/s]

32%|         | 3286/10236 [06:25<21:30,  5.38it/s]

32%|         | 3287/10236 [06:26<22:31,  5.14it/s]

32%|         | 3288/10236 [06:26<22:37,  5.12it/s]

32%|         | 3289/10236 [06:26<22:03,  5.25it/s]
```

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32%|          | 3290/10236 [06:26<22:59,  5.04it/s]

32%|          | 3291/10236 [06:26<21:52,  5.29it/s]

32%|          | 3292/10236 [06:26<21:35,  5.36it/s]

32%|          | 3293/10236 [06:27<23:07,  5.01it/s]

32%|          | 3294/10236 [06:27<22:05,  5.24it/s]

32%|          | 3295/10236 [06:27<22:40,  5.10it/s]

32%|          | 3296/10236 [06:27<21:53,  5.28it/s]

32%|          | 3297/10236 [06:27<21:09,  5.46it/s]

32%|          | 3298/10236 [06:28<22:11,  5.21it/s]

32%|          | 3299/10236 [06:28<22:08,  5.22it/s]

32%|          | 3300/10236 [06:28<21:19,  5.42it/s]

32%|          | 3301/10236 [06:28<22:19,  5.18it/s]

32%|          | 3302/10236 [06:28<21:27,  5.38it/s]

32%|          | 3303/10236 [06:29<21:10,  5.46it/s]

32%|          | 3304/10236 [06:29<22:13,  5.20it/s]

32%|          | 3305/10236 [06:29<21:29,  5.37it/s]

32%|          | 3306/10236 [06:29<20:53,  5.53it/s]

32%|          | 3307/10236 [06:29<21:39,  5.33it/s]

32%|          | 3308/10236 [06:29<21:15,  5.43it/s]

32%|          | 3309/10236 [06:30<20:41,  5.58it/s]

32%|          | 3310/10236 [06:30<21:56,  5.26it/s]

32%|          | 3311/10236 [06:30<21:13,  5.44it/s]

32%|          | 3312/10236 [06:30<22:02,  5.24it/s]

32%|          | 3313/10236 [06:30<21:14,  5.43it/s]
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32%|            | 3314/10236 [06:31<21:01,  5.49it/s]

32%|            | 3315/10236 [06:31<22:11,  5.20it/s]

32%|            | 3316/10236 [06:31<21:39,  5.33it/s]

32%|            | 3317/10236 [06:31<21:13,  5.43it/s]

32%|            | 3318/10236 [06:31<21:58,  5.25it/s]

32%|            | 3319/10236 [06:32<20:41,  5.57it/s]

32%|            | 3321/10236 [06:32<16:28,  6.99it/s]

32%|            | 3323/10236 [06:32<13:26,  8.57it/s]

32%|            | 3325/10236 [06:32<11:29, 10.03it/s]

33%|            | 3327/10236 [06:32<10:46, 10.69it/s]

33%|            | 3329/10236 [06:32<10:16, 11.20it/s]

33%|            | 3331/10236 [06:32<09:14, 12.45it/s]

33%|            | 3333/10236 [06:32<09:12, 12.49it/s]

33%|            | 3335/10236 [06:33<09:10, 12.54it/s]

33%|            | 3337/10236 [06:33<08:58, 12.82it/s]

33%|            | 3339/10236 [06:33<09:01, 12.74it/s]

33%|            | 3341/10236 [06:33<11:35,  9.92it/s]

33%|            | 3343/10236 [06:34<13:41,  8.39it/s]

33%|            | 3344/10236 [06:34<17:05,  6.72it/s]

33%|            | 3345/10236 [06:34<17:47,  6.45it/s]

33%|            | 3346/10236 [06:34<18:19,  6.27it/s]

33%|            | 3347/10236 [06:34<20:09,  5.69it/s]

33%|            | 3348/10236 [06:34<20:01,  5.73it/s]

33%|            | 3349/10236 [06:35<20:58,  5.47it/s]
```

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33%|          | 3350/10236 [06:35<21:11,  5.42it/s]

33%|          | 3351/10236 [06:35<22:43,  5.05it/s]

33%|          | 3352/10236 [06:35<24:41,  4.65it/s]

33%|          | 3353/10236 [06:36<25:26,  4.51it/s]

33%|          | 3354/10236 [06:36<24:35,  4.66it/s]

33%|          | 3355/10236 [06:36<25:04,  4.57it/s]

33%|          | 3356/10236 [06:36<25:11,  4.55it/s]

33%|          | 3357/10236 [06:36<24:55,  4.60it/s]

33%|          | 3358/10236 [06:37<24:50,  4.61it/s]

33%|          | 3359/10236 [06:37<23:41,  4.84it/s]

33%|          | 3360/10236 [06:37<22:59,  4.98it/s]

33%|          | 3361/10236 [06:37<23:21,  4.91it/s]

33%|          | 3362/10236 [06:37<22:21,  5.12it/s]

33%|          | 3363/10236 [06:38<21:25,  5.35it/s]

33%|          | 3364/10236 [06:38<22:45,  5.03it/s]

33%|          | 3365/10236 [06:38<21:49,  5.25it/s]

33%|          | 3366/10236 [06:38<21:33,  5.31it/s]

33%|          | 3367/10236 [06:38<22:35,  5.07it/s]

33%|          | 3368/10236 [06:39<21:42,  5.27it/s]

33%|          | 3369/10236 [06:39<22:39,  5.05it/s]

33%|          | 3370/10236 [06:39<21:44,  5.26it/s]

33%|          | 3371/10236 [06:39<21:06,  5.42it/s]

33%|          | 3372/10236 [06:39<22:05,  5.18it/s]

33%|          | 3373/10236 [06:40<21:14,  5.39it/s]
```

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33%|          | 3374/10236 [06:40<20:47,  5.50it/s]

33%|          | 3375/10236 [06:40<21:57,  5.21it/s]

33%|          | 3376/10236 [06:40<21:15,  5.38it/s]

33%|          | 3377/10236 [06:40<20:43,  5.52it/s]

33%|          | 3378/10236 [06:40<22:17,  5.13it/s]

33%|          | 3379/10236 [06:41<23:54,  4.78it/s]

33%|          | 3380/10236 [06:41<21:32,  5.30it/s]

33%|          | 3381/10236 [06:41<20:42,  5.52it/s]

33%|          | 3382/10236 [06:41<18:55,  6.03it/s]

33%|          | 3383/10236 [06:41<19:53,  5.74it/s]

33%|          | 3384/10236 [06:42<20:30,  5.57it/s]

33%|          | 3385/10236 [06:42<19:18,  5.91it/s]

33%|          | 3386/10236 [06:42<19:14,  5.93it/s]

33%|          | 3387/10236 [06:42<19:41,  5.79it/s]

33%|          | 3389/10236 [06:42<16:10,  7.06it/s]

33%|          | 3392/10236 [06:42<13:01,  8.76it/s]

33%|          | 3394/10236 [06:42<11:51,  9.62it/s]

33%|          | 3396/10236 [06:43<10:18, 11.07it/s]

33%|          | 3398/10236 [06:43<09:08, 12.47it/s]

33%|          | 3401/10236 [06:43<08:11, 13.91it/s]

33%|          | 3403/10236 [06:43<07:30, 15.18it/s]

33%|          | 3405/10236 [06:43<07:12, 15.79it/s]

33%|          | 3407/10236 [06:43<07:42, 14.75it/s]

33%|          | 3409/10236 [06:43<07:43, 14.74it/s]
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33%|          | 3411/10236 [06:43<07:14, 15.72it/s]

33%|          | 3413/10236 [06:44<08:45, 12.98it/s]

33%|          | 3415/10236 [06:44<11:21, 10.01it/s]

33%|          | 3417/10236 [06:44<13:14,  8.58it/s]

33%|          | 3419/10236 [06:45<16:04,  7.07it/s]

33%|          | 3420/10236 [06:45<17:36,  6.45it/s]

33%|          | 3421/10236 [06:45<19:14,  5.90it/s]

33%|          | 3422/10236 [06:45<19:13,  5.91it/s]

33%|          | 3423/10236 [06:45<20:20,  5.58it/s]

33%|          | 3424/10236 [06:46<23:29,  4.83it/s]

33%|          | 3425/10236 [06:46<23:11,  4.89it/s]

33%|          | 3426/10236 [06:46<21:42,  5.23it/s]

33%|          | 3427/10236 [06:46<21:16,  5.34it/s]

33%|          | 3428/10236 [06:46<19:40,  5.77it/s]

33%|          | 3429/10236 [06:47<20:05,  5.65it/s]

34%|          | 3430/10236 [06:47<18:23,  6.17it/s]

34%|          | 3432/10236 [06:47<14:46,  7.67it/s]

34%|          | 3435/10236 [06:47<12:01,  9.43it/s]

34%|          | 3437/10236 [06:47<10:40, 10.61it/s]

34%|          | 3439/10236 [06:47<09:29, 11.94it/s]

34%|          | 3441/10236 [06:47<09:01, 12.54it/s]

34%|          | 3443/10236 [06:48<08:39, 13.08it/s]

34%|          | 3445/10236 [06:48<08:34, 13.20it/s]

34%|          | 3447/10236 [06:48<07:57, 14.21it/s]
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34%|          | 3449/10236 [06:48<07:54, 14.32it/s]

34%|          | 3451/10236 [06:48<07:30, 15.04it/s]

34%|          | 3453/10236 [06:48<07:23, 15.30it/s]

34%|          | 3455/10236 [06:48<09:17, 12.17it/s]

34%|          | 3457/10236 [06:49<10:49, 10.43it/s]

34%|          | 3459/10236 [06:49<12:27,  9.06it/s]

34%|          | 3461/10236 [06:49<13:47,  8.19it/s]

34%|          | 3462/10236 [06:49<14:10,  7.97it/s]

34%|          | 3463/10236 [06:50<14:40,  7.69it/s]

34%|          | 3464/10236 [06:50<16:23,  6.89it/s]

34%|          | 3467/10236 [06:50<13:09,  8.57it/s]

34%|          | 3470/10236 [06:50<11:02, 10.21it/s]

34%|          | 3472/10236 [06:50<09:40, 11.65it/s]

34%|          | 3474/10236 [06:50<08:44, 12.88it/s]

34%|          | 3476/10236 [06:50<08:26, 13.34it/s]

34%|          | 3478/10236 [06:51<08:12, 13.71it/s]

34%|          | 3480/10236 [06:51<07:44, 14.55it/s]

34%|          | 3482/10236 [06:51<07:32, 14.94it/s]

34%|          | 3484/10236 [06:51<07:20, 15.31it/s]

34%|          | 3486/10236 [06:51<06:51, 16.39it/s]

34%|          | 3488/10236 [06:51<06:42, 16.76it/s]

34%|          | 3490/10236 [06:51<09:20, 12.04it/s]

34%|          | 3492/10236 [06:52<12:33,  8.95it/s]

34%|          | 3494/10236 [06:52<14:15,  7.88it/s]
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34%|          | 3495/10236 [06:52<15:03,  7.46it/s]

34%|          | 3496/10236 [06:52<16:26,  6.83it/s]

34%|          | 3497/10236 [06:53<16:03,  6.99it/s]

34%|          | 3498/10236 [06:53<17:10,  6.54it/s]

34%|          | 3500/10236 [06:53<14:08,  7.94it/s]

34%|          | 3502/10236 [06:53<11:39,  9.63it/s]

34%|          | 3504/10236 [06:53<10:15, 10.94it/s]

34%|          | 3507/10236 [06:53<08:54, 12.59it/s]

34%|          | 3509/10236 [06:53<08:08, 13.76it/s]

34%|          | 3511/10236 [06:53<07:39, 14.63it/s]

34%|          | 3513/10236 [06:54<07:49, 14.33it/s]

34%|          | 3515/10236 [06:54<07:43, 14.51it/s]

34%|          | 3517/10236 [06:54<07:36, 14.71it/s]

34%|          | 3519/10236 [06:54<07:19, 15.28it/s]

34%|          | 3521/10236 [06:54<07:58, 14.02it/s]

34%|          | 3523/10236 [06:54<09:04, 12.33it/s]

34%|          | 3525/10236 [06:55<11:57,  9.36it/s]

34%|          | 3527/10236 [06:55<13:21,  8.37it/s]

34%|          | 3528/10236 [06:55<14:28,  7.72it/s]

34%|          | 3529/10236 [06:55<16:36,  6.73it/s]

34%|          | 3530/10236 [06:56<19:38,  5.69it/s]

34%|          | 3531/10236 [06:56<18:43,  5.97it/s]

35%|          | 3532/10236 [06:56<17:22,  6.43it/s]

35%|          | 3534/10236 [06:56<13:58,  7.99it/s]
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35%|          | 3536/10236 [06:56<11:32,  9.67it/s]

35%|          | 3539/10236 [06:56<09:50, 11.34it/s]

35%|          | 3541/10236 [06:56<09:13, 12.09it/s]

35%|          | 3543/10236 [06:57<09:13, 12.09it/s]

35%|          | 3545/10236 [06:57<09:55, 11.24it/s]

35%|          | 3547/10236 [06:57<09:44, 11.44it/s]

35%|          | 3549/10236 [06:57<09:41, 11.49it/s]

35%|          | 3551/10236 [06:57<09:05, 12.26it/s]

35%|          | 3553/10236 [06:57<08:23, 13.28it/s]

35%|          | 3555/10236 [06:58<11:07, 10.00it/s]

35%|          | 3557/10236 [06:58<12:55,  8.61it/s]

35%|          | 3559/10236 [06:58<14:20,  7.76it/s]

35%|          | 3560/10236 [06:58<14:49,  7.50it/s]

35%|          | 3561/10236 [06:59<15:05,  7.37it/s]

35%|          | 3562/10236 [06:59<16:23,  6.79it/s]

35%|          | 3563/10236 [06:59<15:54,  6.99it/s]

35%|          | 3565/10236 [06:59<13:09,  8.45it/s]

35%|          | 3568/10236 [06:59<10:51, 10.24it/s]

35%|          | 3570/10236 [06:59<09:24, 11.80it/s]

35%|          | 3572/10236 [06:59<08:38, 12.86it/s]

35%|          | 3574/10236 [06:59<07:45, 14.31it/s]

35%|          | 3576/10236 [07:00<07:12, 15.41it/s]

35%|          | 3578/10236 [07:00<06:55, 16.03it/s]

35%|          | 3580/10236 [07:00<07:34, 14.64it/s]
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35%|          | 3582/10236 [07:00<07:16, 15.23it/s]

35%|          | 3584/10236 [07:00<07:35, 14.62it/s]

35%|          | 3586/10236 [07:00<07:27, 14.84it/s]

35%|          | 3588/10236 [07:00<07:07, 15.55it/s]

35%|          | 3590/10236 [07:01<11:26,  9.68it/s]

35%|          | 3592/10236 [07:01<13:13,  8.38it/s]

35%|          | 3594/10236 [07:01<14:37,  7.57it/s]

35%|          | 3595/10236 [07:02<15:02,  7.36it/s]

35%|          | 3596/10236 [07:02<15:12,  7.27it/s]

35%|          | 3597/10236 [07:02<16:35,  6.67it/s]

35%|          | 3598/10236 [07:02<15:48,  7.00it/s]

35%|          | 3600/10236 [07:02<12:57,  8.54it/s]

35%|          | 3603/10236 [07:02<10:41, 10.33it/s]

35%|          | 3606/10236 [07:02<09:08, 12.08it/s]

35%|          | 3609/10236 [07:03<08:06, 13.62it/s]

35%|          | 3611/10236 [07:03<07:24, 14.91it/s]

35%|          | 3613/10236 [07:03<07:12, 15.31it/s]

35%|          | 3615/10236 [07:03<07:03, 15.62it/s]

35%|          | 3617/10236 [07:03<06:56, 15.89it/s]

35%|          | 3619/10236 [07:03<07:09, 15.42it/s]

35%|          | 3621/10236 [07:03<07:08, 15.45it/s]

35%|          | 3623/10236 [07:03<07:19, 15.05it/s]

35%|          | 3625/10236 [07:04<09:45, 11.29it/s]

35%|          | 3627/10236 [07:04<12:27,  8.84it/s]
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35%|         | 3629/10236 [07:05<16:18,  6.75it/s]

35%|         | 3630/10236 [07:05<16:41,  6.60it/s]

35%|         | 3631/10236 [07:05<17:39,  6.23it/s]

35%|         | 3632/10236 [07:05<18:33,  5.93it/s]

36%|         | 3634/10236 [07:05<14:40,  7.50it/s]

36%|         | 3636/10236 [07:05<12:05,  9.10it/s]

36%|         | 3638/10236 [07:05<10:29, 10.49it/s]

36%|         | 3640/10236 [07:05<09:09, 12.00it/s]

36%|         | 3642/10236 [07:06<08:40, 12.66it/s]

36%|         | 3644/10236 [07:06<08:12, 13.38it/s]

36%|         | 3646/10236 [07:06<07:51, 13.98it/s]

36%|         | 3648/10236 [07:06<07:22, 14.90it/s]

36%|         | 3650/10236 [07:06<07:21, 14.92it/s]

36%|         | 3652/10236 [07:06<07:03, 15.54it/s]

36%|         | 3655/10236 [07:06<06:37, 16.57it/s]

36%|         | 3657/10236 [07:07<07:03, 15.54it/s]

36%|         | 3659/10236 [07:07<09:38, 11.37it/s]

36%|         | 3661/10236 [07:07<12:00,  9.12it/s]

36%|         | 3663/10236 [07:07<12:45,  8.58it/s]

36%|         | 3665/10236 [07:08<15:31,  7.06it/s]

36%|         | 3666/10236 [07:08<17:58,  6.09it/s]

36%|         | 3667/10236 [07:08<16:33,  6.61it/s]

36%|         | 3670/10236 [07:08<13:13,  8.28it/s]

36%|         | 3673/10236 [07:08<10:51, 10.07it/s]
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36%|          | 3676/10236 [07:09<09:11, 11.89it/s]

36%|          | 3678/10236 [07:09<08:37, 12.66it/s]

36%|          | 3680/10236 [07:09<07:53, 13.84it/s]

36%|          | 3682/10236 [07:09<07:22, 14.82it/s]

36%|          | 3684/10236 [07:09<07:15, 15.03it/s]

36%|          | 3686/10236 [07:09<06:45, 16.16it/s]

36%|          | 3688/10236 [07:09<06:47, 16.08it/s]

36%|          | 3690/10236 [07:09<06:38, 16.43it/s]

36%|          | 3692/10236 [07:10<06:19, 17.23it/s]

36%|          | 3694/10236 [07:10<08:33, 12.74it/s]

36%|          | 3696/10236 [07:10<10:53, 10.01it/s]

36%|          | 3698/10236 [07:10<12:46,  8.53it/s]

36%|          | 3700/10236 [07:11<14:15,  7.64it/s]

36%|          | 3701/10236 [07:11<14:51,  7.33it/s]

36%|          | 3702/10236 [07:11<16:21,  6.66it/s]

36%|          | 3703/10236 [07:11<16:13,  6.71it/s]

36%|          | 3705/10236 [07:11<13:37,  7.99it/s]

36%|          | 3708/10236 [07:11<11:12,  9.71it/s]

36%|          | 3711/10236 [07:12<09:40, 11.24it/s]

36%|          | 3713/10236 [07:12<08:57, 12.14it/s]

36%|          | 3715/10236 [07:12<08:36, 12.63it/s]

36%|          | 3717/10236 [07:12<08:49, 12.32it/s]

36%|          | 3719/10236 [07:12<08:17, 13.09it/s]

36%|          | 3721/10236 [07:12<07:53, 13.76it/s]
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647

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36%|          | 3723/10236 [07:12<07:33, 14.36it/s]

36%|          | 3725/10236 [07:13<07:08, 15.19it/s]

36%|          | 3728/10236 [07:13<07:35, 14.29it/s]

36%|          | 3730/10236 [07:13<09:49, 11.04it/s]

36%|          | 3732/10236 [07:13<11:34,  9.37it/s]

36%|          | 3734/10236 [07:14<12:50,  8.44it/s]

36%|          | 3735/10236 [07:14<13:53,  7.80it/s]

36%|          | 3736/10236 [07:14<14:44,  7.35it/s]

37%|          | 3737/10236 [07:14<16:12,  6.68it/s]

37%|          | 3738/10236 [07:14<16:14,  6.67it/s]

37%|          | 3740/10236 [07:15<14:04,  7.69it/s]

37%|          | 3742/10236 [07:15<11:48,  9.17it/s]

37%|          | 3744/10236 [07:15<10:15, 10.55it/s]

37%|          | 3746/10236 [07:15<09:28, 11.42it/s]

37%|          | 3748/10236 [07:15<08:19, 12.99it/s]

37%|          | 3750/10236 [07:15<07:40, 14.09it/s]

37%|          | 3752/10236 [07:15<07:29, 14.42it/s]

37%|          | 3754/10236 [07:15<07:21, 14.69it/s]

37%|          | 3756/10236 [07:16<07:16, 14.85it/s]

37%|          | 3758/10236 [07:16<06:57, 15.52it/s]

37%|          | 3760/10236 [07:16<06:44, 16.01it/s]

37%|          | 3762/10236 [07:16<07:27, 14.45it/s]

37%|          | 3764/10236 [07:16<09:45, 11.05it/s]

37%|          | 3766/10236 [07:16<11:00,  9.79it/s]
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37%|          | 3768/10236 [07:17<12:47,  8.43it/s]

37%|          | 3769/10236 [07:17<14:44,  7.32it/s]

37%|          | 3770/10236 [07:17<15:51,  6.80it/s]

37%|          | 3771/10236 [07:17<16:17,  6.61it/s]

37%|          | 3772/10236 [07:17<16:33,  6.51it/s]

37%|          | 3775/10236 [07:18<13:13,  8.14it/s]

37%|          | 3778/10236 [07:18<11:01,  9.76it/s]

37%|          | 3780/10236 [07:18<09:33, 11.25it/s]

37%|          | 3782/10236 [07:18<08:45, 12.29it/s]

37%|          | 3784/10236 [07:18<08:07, 13.24it/s]

37%|          | 3786/10236 [07:18<07:26, 14.44it/s]

37%|          | 3788/10236 [07:18<07:23, 14.55it/s]

37%|          | 3790/10236 [07:18<06:59, 15.36it/s]

37%|          | 3793/10236 [07:19<06:35, 16.28it/s]

37%|          | 3795/10236 [07:19<06:23, 16.79it/s]

37%|          | 3797/10236 [07:19<06:28, 16.56it/s]

37%|          | 3799/10236 [07:19<08:57, 11.98it/s]

37%|          | 3801/10236 [07:19<10:13, 10.48it/s]

37%|          | 3803/10236 [07:20<12:11,  8.79it/s]

37%|          | 3805/10236 [07:20<13:33,  7.91it/s]

37%|          | 3806/10236 [07:20<13:56,  7.68it/s]

37%|          | 3807/10236 [07:20<14:02,  7.63it/s]

37%|          | 3808/10236 [07:20<15:24,  6.95it/s]

37%|          | 3810/10236 [07:21<12:26,  8.61it/s]
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37%|          | 3812/10236 [07:21<10:20, 10.36it/s]

37%|          | 3814/10236 [07:21<08:52, 12.05it/s]

37%|          | 3816/10236 [07:21<08:03, 13.27it/s]

37%|          | 3818/10236 [07:21<07:17, 14.67it/s]

37%|          | 3820/10236 [07:21<06:54, 15.49it/s]

37%|          | 3822/10236 [07:21<06:45, 15.83it/s]

37%|          | 3825/10236 [07:21<06:14, 17.13it/s]

37%|          | 3827/10236 [07:21<06:06, 17.47it/s]

37%|          | 3829/10236 [07:22<06:03, 17.62it/s]

37%|          | 3831/10236 [07:22<06:00, 17.74it/s]

37%|          | 3833/10236 [07:22<05:48, 18.36it/s]

37%|          | 3835/10236 [07:22<06:00, 17.78it/s]

37%|          | 3837/10236 [07:22<08:01, 13.28it/s]

38%|          | 3839/10236 [07:22<09:59, 10.67it/s]

38%|          | 3841/10236 [07:23<12:50,  8.30it/s]

38%|          | 3843/10236 [07:23<14:30,  7.35it/s]

38%|          | 3844/10236 [07:23<14:27,  7.37it/s]

38%|          | 3845/10236 [07:23<14:46,  7.21it/s]

38%|          | 3846/10236 [07:24<15:35,  6.83it/s]

38%|          | 3848/10236 [07:24<12:36,  8.45it/s]

38%|          | 3850/10236 [07:24<11:04,  9.61it/s]

38%|          | 3852/10236 [07:24<09:31, 11.17it/s]

38%|          | 3854/10236 [07:24<08:26, 12.61it/s]

38%|          | 3856/10236 [07:24<07:50, 13.57it/s]
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650

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38%|          | 3858/10236 [07:24<07:17, 14.59it/s]

38%|          | 3861/10236 [07:24<06:44, 15.75it/s]

38%|          | 3864/10236 [07:25<06:27, 16.43it/s]

38%|          | 3866/10236 [07:25<06:28, 16.38it/s]

38%|          | 3868/10236 [07:25<06:46, 15.65it/s]

38%|          | 3870/10236 [07:25<06:41, 15.87it/s]

38%|          | 3872/10236 [07:25<10:05, 10.51it/s]

38%|          | 3874/10236 [07:26<11:33,  9.17it/s]

38%|          | 3876/10236 [07:26<13:15,  8.00it/s]

38%|          | 3877/10236 [07:26<13:27,  7.88it/s]

38%|          | 3878/10236 [07:26<14:44,  7.19it/s]

38%|          | 3879/10236 [07:26<14:31,  7.29it/s]

38%|          | 3880/10236 [07:26<14:22,  7.37it/s]

38%|          | 3881/10236 [07:27<15:09,  6.99it/s]

38%|          | 3884/10236 [07:27<12:10,  8.70it/s]

38%|          | 3886/10236 [07:27<10:13, 10.34it/s]

38%|          | 3888/10236 [07:27<08:53, 11.89it/s]

38%|          | 3890/10236 [07:27<08:15, 12.81it/s]

38%|          | 3893/10236 [07:27<07:27, 14.19it/s]

38%|          | 3895/10236 [07:27<07:02, 15.00it/s]

38%|          | 3897/10236 [07:28<06:41, 15.81it/s]

38%|          | 3899/10236 [07:28<06:31, 16.18it/s]

38%|          | 3901/10236 [07:28<06:35, 16.01it/s]

38%|          | 3903/10236 [07:28<06:28, 16.32it/s]
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38%|          | 3905/10236 [07:28<06:11, 17.02it/s]

38%|          | 3907/10236 [07:28<06:07, 17.23it/s]

38%|          | 3909/10236 [07:28<08:49, 11.94it/s]

38%|          | 3911/10236 [07:29<13:52,  7.59it/s]

38%|          | 3913/10236 [07:29<15:11,  6.94it/s]

38%|          | 3914/10236 [07:29<16:17,  6.47it/s]

38%|          | 3915/10236 [07:30<16:01,  6.58it/s]

38%|          | 3916/10236 [07:30<16:19,  6.45it/s]

38%|          | 3919/10236 [07:30<12:56,  8.13it/s]

38%|          | 3922/10236 [07:30<10:44,  9.80it/s]

38%|          | 3924/10236 [07:30<09:29, 11.09it/s]

38%|          | 3926/10236 [07:30<08:19, 12.64it/s]

38%|          | 3928/10236 [07:30<07:32, 13.95it/s]

38%|          | 3930/10236 [07:30<06:52, 15.30it/s]

38%|          | 3932/10236 [07:31<06:53, 15.24it/s]

38%|          | 3934/10236 [07:31<06:51, 15.31it/s]

38%|          | 3936/10236 [07:31<06:44, 15.56it/s]

38%|          | 3938/10236 [07:31<06:21, 16.53it/s]

38%|          | 3940/10236 [07:31<06:12, 16.92it/s]

39%|          | 3942/10236 [07:31<06:17, 16.68it/s]

39%|          | 3944/10236 [07:32<09:29, 11.04it/s]

39%|          | 3946/10236 [07:32<11:45,  8.92it/s]

39%|          | 3948/10236 [07:32<12:59,  8.07it/s]

39%|          | 3950/10236 [07:32<13:45,  7.62it/s]
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39%|          | 3951/10236 [07:33<13:48,  7.59it/s]

39%|          | 3952/10236 [07:33<15:00,  6.98it/s]

39%|          | 3954/10236 [07:33<12:41,  8.25it/s]

39%|          | 3957/10236 [07:33<10:24, 10.05it/s]

39%|          | 3960/10236 [07:33<08:54, 11.75it/s]

39%|          | 3963/10236 [07:33<07:47, 13.41it/s]

39%|          | 3966/10236 [07:33<06:58, 14.98it/s]

39%|          | 3969/10236 [07:34<06:36, 15.82it/s]

39%|          | 3971/10236 [07:34<06:17, 16.58it/s]

39%|          | 3973/10236 [07:34<06:28, 16.11it/s]

39%|          | 3975/10236 [07:34<06:15, 16.69it/s]

39%|          | 3977/10236 [07:34<06:22, 16.38it/s]

39%|          | 3979/10236 [07:34<06:03, 17.22it/s]

39%|          | 3981/10236 [07:34<07:49, 13.32it/s]

39%|          | 3983/10236 [07:35<09:32, 10.93it/s]

39%|          | 3985/10236 [07:35<11:05,  9.39it/s]

39%|          | 3987/10236 [07:35<12:30,  8.33it/s]

39%|          | 3988/10236 [07:35<12:49,  8.12it/s]

39%|          | 3989/10236 [07:36<13:11,  7.90it/s]

39%|          | 3990/10236 [07:36<14:26,  7.21it/s]

39%|          | 3991/10236 [07:36<14:24,  7.22it/s]

39%|          | 3993/10236 [07:36<12:03,  8.63it/s]

39%|          | 3995/10236 [07:36<10:06, 10.30it/s]

39%|          | 3998/10236 [07:36<08:35, 12.10it/s]
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39%|          | 4001/10236 [07:36<07:35, 13.68it/s]

39%|          | 4003/10236 [07:37<07:02, 14.75it/s]

39%|          | 4005/10236 [07:37<06:43, 15.44it/s]

39%|          | 4007/10236 [07:37<06:30, 15.96it/s]

39%|          | 4009/10236 [07:37<06:10, 16.81it/s]

39%|          | 4011/10236 [07:37<06:18, 16.46it/s]

39%|          | 4013/10236 [07:37<06:12, 16.71it/s]

39%|          | 4016/10236 [07:37<05:52, 17.67it/s]

39%|          | 4018/10236 [07:37<06:13, 16.65it/s]

39%|          | 4020/10236 [07:38<09:42, 10.67it/s]

39%|          | 4022/10236 [07:38<11:39,  8.89it/s]

39%|          | 4024/10236 [07:38<12:38,  8.19it/s]

39%|          | 4026/10236 [07:39<12:50,  8.06it/s]

39%|          | 4027/10236 [07:39<15:32,  6.66it/s]

39%|          | 4028/10236 [07:39<15:10,  6.82it/s]

39%|          | 4029/10236 [07:39<13:54,  7.44it/s]

39%|          | 4031/10236 [07:39<11:21,  9.11it/s]

39%|          | 4033/10236 [07:39<09:39, 10.70it/s]

39%|          | 4036/10236 [07:39<08:21, 12.36it/s]

39%|          | 4039/10236 [07:40<07:29, 13.78it/s]

39%|          | 4041/10236 [07:40<07:00, 14.74it/s]

39%|          | 4043/10236 [07:40<06:52, 15.03it/s]

40%|          | 4045/10236 [07:40<07:01, 14.69it/s]

40%|          | 4047/10236 [07:40<06:43, 15.35it/s]
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40%|          | 4049/10236 [07:40<06:33, 15.74it/s]

40%|          | 4051/10236 [07:40<06:38, 15.52it/s]

40%|          | 4053/10236 [07:40<06:35, 15.64it/s]

40%|          | 4055/10236 [07:41<08:09, 12.63it/s]

40%|          | 4057/10236 [07:41<10:57,  9.40it/s]

40%|          | 4059/10236 [07:41<11:52,  8.67it/s]

40%|          | 4061/10236 [07:42<13:00,  7.91it/s]

40%|          | 4062/10236 [07:42<13:25,  7.67it/s]

40%|          | 4063/10236 [07:42<17:47,  5.78it/s]

40%|          | 4064/10236 [07:42<15:44,  6.53it/s]

40%|          | 4066/10236 [07:42<12:48,  8.03it/s]

40%|          | 4068/10236 [07:42<10:37,  9.68it/s]

40%|          | 4071/10236 [07:42<08:59, 11.43it/s]

40%|          | 4074/10236 [07:43<07:52, 13.03it/s]

40%|          | 4076/10236 [07:43<07:03, 14.55it/s]

40%|          | 4078/10236 [07:43<06:39, 15.43it/s]

40%|          | 4080/10236 [07:43<06:27, 15.89it/s]

40%|          | 4082/10236 [07:43<06:07, 16.74it/s]

40%|          | 4084/10236 [07:43<06:28, 15.85it/s]

40%|          | 4086/10236 [07:43<06:20, 16.18it/s]

40%|          | 4088/10236 [07:43<06:10, 16.60it/s]

40%|          | 4090/10236 [07:44<06:26, 15.91it/s]

40%|          | 4092/10236 [07:44<06:27, 15.86it/s]

40%|          | 4094/10236 [07:44<06:06, 16.76it/s]
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40%|          | 4096/10236 [07:44<06:00, 17.05it/s]

40%|          | 4098/10236 [07:44<05:48, 17.64it/s]

40%|          | 4100/10236 [07:44<05:36, 18.23it/s]

40%|          | 4102/10236 [07:44<05:40, 18.02it/s]

40%|          | 4104/10236 [07:44<06:01, 16.98it/s]

40%|          | 4106/10236 [07:44<05:49, 17.52it/s]

40%|          | 4108/10236 [07:45<05:59, 17.04it/s]

40%|          | 4110/10236 [07:45<06:05, 16.75it/s]

40%|          | 4112/10236 [07:45<06:11, 16.50it/s]

40%|          | 4114/10236 [07:45<07:10, 14.24it/s]

40%|          | 4116/10236 [07:45<10:33,  9.65it/s]

40%|          | 4118/10236 [07:46<13:27,  7.57it/s]

40%|          | 4119/10236 [07:46<14:17,  7.13it/s]

40%|          | 4120/10236 [07:46<14:10,  7.19it/s]

40%|          | 4121/10236 [07:46<15:33,  6.55it/s]

40%|          | 4122/10236 [07:46<15:15,  6.68it/s]

40%|          | 4123/10236 [07:47<14:50,  6.87it/s]

40%|          | 4124/10236 [07:47<13:48,  7.37it/s]

40%|          | 4127/10236 [07:47<11:14,  9.06it/s]

40%|          | 4130/10236 [07:47<09:26, 10.78it/s]

40%|          | 4132/10236 [07:47<08:13, 12.38it/s]

40%|          | 4134/10236 [07:47<07:36, 13.37it/s]

40%|          | 4136/10236 [07:47<07:01, 14.49it/s]

40%|          | 4139/10236 [07:47<06:31, 15.57it/s]
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40%|          | 4141/10236 [07:48<06:08, 16.56it/s]

40%|          | 4143/10236 [07:48<06:30, 15.62it/s]

40%|          | 4145/10236 [07:48<06:32, 15.53it/s]

41%|          | 4147/10236 [07:48<06:39, 15.23it/s]

41%|          | 4149/10236 [07:48<08:09, 12.44it/s]

41%|          | 4151/10236 [07:49<10:48,  9.38it/s]

41%|          | 4153/10236 [07:49<11:39,  8.69it/s]

41%|          | 4155/10236 [07:49<12:31,  8.09it/s]

41%|          | 4156/10236 [07:49<13:59,  7.24it/s]

41%|          | 4157/10236 [07:49<13:45,  7.36it/s]

41%|          | 4158/10236 [07:50<13:38,  7.43it/s]

41%|          | 4159/10236 [07:50<14:34,  6.95it/s]

41%|          | 4162/10236 [07:50<11:38,  8.69it/s]

41%|          | 4165/10236 [07:50<09:36, 10.54it/s]

41%|          | 4168/10236 [07:50<08:11, 12.34it/s]

41%|          | 4171/10236 [07:50<07:18, 13.82it/s]

41%|          | 4174/10236 [07:50<06:44, 14.99it/s]

41%|          | 4176/10236 [07:51<06:23, 15.79it/s]

41%|          | 4178/10236 [07:51<06:22, 15.82it/s]

41%|          | 4180/10236 [07:51<06:33, 15.39it/s]

41%|          | 4182/10236 [07:51<06:24, 15.74it/s]

41%|          | 4184/10236 [07:51<06:30, 15.50it/s]

41%|          | 4186/10236 [07:51<07:40, 13.13it/s]

41%|          | 4188/10236 [07:52<09:45, 10.33it/s]
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41%|          | 4190/10236 [07:52<11:10,  9.02it/s]

41%|          | 4192/10236 [07:52<12:15,  8.21it/s]

41%|          | 4193/10236 [07:52<12:51,  7.83it/s]

41%|          | 4194/10236 [07:52<12:57,  7.77it/s]

41%|          | 4195/10236 [07:53<14:05,  7.15it/s]

41%|          | 4196/10236 [07:53<14:02,  7.17it/s]

41%|          | 4198/10236 [07:53<11:59,  8.40it/s]

41%|          | 4201/10236 [07:53<09:51, 10.21it/s]

41%|          | 4203/10236 [07:53<08:26, 11.90it/s]

41%|          | 4205/10236 [07:53<07:25, 13.53it/s]

41%|          | 4207/10236 [07:53<06:54, 14.56it/s]

41%|          | 4209/10236 [07:53<06:27, 15.56it/s]

41%|          | 4212/10236 [07:54<06:05, 16.48it/s]

41%|          | 4214/10236 [07:54<05:51, 17.15it/s]

41%|          | 4216/10236 [07:54<05:59, 16.77it/s]

41%|          | 4218/10236 [07:54<06:09, 16.30it/s]

41%|          | 4220/10236 [07:54<05:48, 17.24it/s]

41%|          | 4222/10236 [07:54<06:06, 16.41it/s]

41%|          | 4224/10236 [07:54<07:16, 13.77it/s]

41%|          | 4226/10236 [07:55<08:53, 11.26it/s]

41%|          | 4228/10236 [07:55<11:40,  8.58it/s]

41%|          | 4230/10236 [07:55<12:53,  7.76it/s]

41%|          | 4231/10236 [07:55<13:04,  7.66it/s]

41%|          | 4232/10236 [07:56<13:03,  7.66it/s]
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41%|          | 4233/10236 [07:56<14:09,  7.07it/s]

41%|          | 4234/10236 [07:56<13:47,  7.26it/s]

41%|          | 4236/10236 [07:56<11:18,  8.84it/s]

41%|          | 4238/10236 [07:56<09:27, 10.57it/s]

41%|          | 4241/10236 [07:56<08:09, 12.24it/s]

41%|          | 4243/10236 [07:56<07:24, 13.47it/s]

41%|          | 4245/10236 [07:57<07:32, 13.25it/s]

41%|          | 4247/10236 [07:57<06:58, 14.32it/s]

42%|          | 4250/10236 [07:57<06:30, 15.32it/s]

42%|          | 4252/10236 [07:57<06:09, 16.20it/s]

42%|          | 4254/10236 [07:57<06:02, 16.48it/s]

42%|          | 4256/10236 [07:57<05:55, 16.81it/s]

42%|          | 4258/10236 [07:57<05:39, 17.59it/s]

42%|          | 4260/10236 [07:57<05:39, 17.62it/s]

42%|          | 4262/10236 [07:58<08:08, 12.23it/s]

42%|          | 4264/10236 [07:58<09:31, 10.45it/s]

42%|          | 4266/10236 [07:58<10:56,  9.10it/s]

42%|          | 4268/10236 [07:58<12:04,  8.24it/s]

42%|          | 4269/10236 [07:59<12:20,  8.05it/s]

42%|          | 4270/10236 [07:59<14:27,  6.88it/s]

42%|          | 4271/10236 [07:59<15:03,  6.60it/s]

42%|          | 4273/10236 [07:59<12:10,  8.16it/s]

42%|          | 4275/10236 [07:59<10:17,  9.66it/s]

42%|          | 4277/10236 [07:59<09:03, 10.96it/s]
```

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42%|          | 4279/10236 [07:59<08:13, 12.07it/s]

42%|          | 4281/10236 [08:00<07:30, 13.22it/s]

42%|          | 4283/10236 [08:00<07:33, 13.13it/s]

42%|          | 4285/10236 [08:00<07:14, 13.69it/s]

42%|          | 4287/10236 [08:00<06:35, 15.06it/s]

42%|          | 4289/10236 [08:00<06:34, 15.07it/s]

42%|          | 4291/10236 [08:00<06:32, 15.15it/s]

42%|          | 4294/10236 [08:00<06:11, 16.00it/s]

42%|          | 4296/10236 [08:01<06:47, 14.59it/s]

42%|          | 4298/10236 [08:01<09:11, 10.77it/s]

42%|          | 4300/10236 [08:01<10:49,  9.14it/s]

42%|          | 4302/10236 [08:01<11:25,  8.65it/s]

42%|          | 4303/10236 [08:02<13:09,  7.51it/s]

42%|          | 4304/10236 [08:02<13:53,  7.11it/s]

42%|          | 4305/10236 [08:02<14:25,  6.85it/s]

42%|          | 4306/10236 [08:02<15:51,  6.23it/s]

42%|          | 4308/10236 [08:02<12:51,  7.68it/s]

42%|          | 4310/10236 [08:02<10:39,  9.26it/s]

42%|          | 4312/10236 [08:02<09:09, 10.77it/s]

42%|          | 4314/10236 [08:03<08:16, 11.94it/s]

42%|          | 4316/10236 [08:03<07:22, 13.39it/s]

42%|          | 4318/10236 [08:03<07:08, 13.82it/s]

42%|          | 4320/10236 [08:03<06:52, 14.34it/s]

42%|          | 4322/10236 [08:03<06:22, 15.48it/s]
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42%|          | 4324/10236 [08:03<06:12, 15.89it/s]

42%|          | 4326/10236 [08:03<06:16, 15.68it/s]

42%|          | 4328/10236 [08:03<05:58, 16.48it/s]

42%|          | 4330/10236 [08:04<06:01, 16.35it/s]

42%|          | 4332/10236 [08:04<06:51, 14.35it/s]

42%|          | 4334/10236 [08:04<08:32, 11.52it/s]

42%|          | 4336/10236 [08:04<10:09,  9.68it/s]

42%|          | 4338/10236 [08:05<11:27,  8.58it/s]

42%|          | 4339/10236 [08:05<11:58,  8.21it/s]

42%|          | 4340/10236 [08:05<12:21,  7.95it/s]

42%|          | 4341/10236 [08:05<13:30,  7.27it/s]

42%|          | 4342/10236 [08:05<13:28,  7.29it/s]

42%|          | 4344/10236 [08:05<11:36,  8.46it/s]

42%|          | 4347/10236 [08:05<09:32, 10.29it/s]

42%|          | 4349/10236 [08:06<08:14, 11.89it/s]

43%|          | 4351/10236 [08:06<07:25, 13.22it/s]

43%|          | 4353/10236 [08:06<06:55, 14.16it/s]

43%|          | 4356/10236 [08:06<06:23, 15.33it/s]

43%|          | 4358/10236 [08:06<06:05, 16.09it/s]

43%|          | 4361/10236 [08:06<05:47, 16.89it/s]

43%|          | 4364/10236 [08:06<05:40, 17.27it/s]

43%|          | 4366/10236 [08:06<05:29, 17.83it/s]

43%|          | 4368/10236 [08:07<05:44, 17.05it/s]

43%|          | 4370/10236 [08:07<06:05, 16.03it/s]
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43%|          | 4372/10236 [08:07<08:14, 11.86it/s]

43%|          | 4374/10236 [08:07<10:01,  9.74it/s]

43%|          | 4376/10236 [08:08<11:41,  8.35it/s]

43%|          | 4378/10236 [08:08<12:06,  8.06it/s]

43%|          | 4379/10236 [08:08<13:37,  7.16it/s]

43%|          | 4380/10236 [08:08<13:30,  7.23it/s]

43%|          | 4381/10236 [08:08<13:15,  7.36it/s]

43%|          | 4383/10236 [08:08<10:48,  9.02it/s]

43%|          | 4385/10236 [08:09<09:21, 10.43it/s]

43%|          | 4387/10236 [08:09<08:15, 11.81it/s]

43%|          | 4389/10236 [08:09<07:45, 12.55it/s]

43%|          | 4391/10236 [08:09<07:18, 13.34it/s]

43%|          | 4393/10236 [08:09<06:39, 14.61it/s]

43%|          | 4395/10236 [08:09<06:22, 15.28it/s]

43%|          | 4397/10236 [08:09<06:43, 14.45it/s]

43%|          | 4399/10236 [08:09<06:29, 14.99it/s]

43%|          | 4401/10236 [08:10<06:21, 15.30it/s]

43%|          | 4403/10236 [08:10<06:23, 15.20it/s]

43%|          | 4405/10236 [08:10<06:43, 14.46it/s]

43%|          | 4407/10236 [08:10<08:38, 11.24it/s]

43%|          | 4409/10236 [08:10<10:35,  9.17it/s]

43%|          | 4411/10236 [08:11<11:59,  8.09it/s]

43%|          | 4412/10236 [08:11<12:18,  7.89it/s]

43%|          | 4413/10236 [08:11<12:26,  7.80it/s]
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43%|          | 4414/10236 [08:11<13:53,  6.98it/s]

43%|          | 4415/10236 [08:11<13:38,  7.11it/s]

43%|          | 4417/10236 [08:11<11:48,  8.21it/s]

43%|          | 4419/10236 [08:12<09:44,  9.95it/s]

43%|          | 4421/10236 [08:12<08:35, 11.28it/s]

43%|          | 4423/10236 [08:12<07:44, 12.51it/s]

43%|          | 4425/10236 [08:12<07:21, 13.15it/s]

43%|          | 4427/10236 [08:12<07:08, 13.56it/s]

43%|          | 4429/10236 [08:12<07:07, 13.60it/s]

43%|          | 4431/10236 [08:12<07:03, 13.72it/s]

43%|          | 4433/10236 [08:12<06:28, 14.92it/s]

43%|          | 4435/10236 [08:13<06:26, 15.00it/s]

43%|          | 4437/10236 [08:13<06:18, 15.34it/s]

43%|          | 4440/10236 [08:13<06:18, 15.31it/s]

43%|          | 4442/10236 [08:13<08:26, 11.43it/s]

43%|          | 4444/10236 [08:13<10:10,  9.49it/s]

43%|          | 4446/10236 [08:14<11:12,  8.61it/s]

43%|          | 4447/10236 [08:14<11:52,  8.13it/s]

43%|          | 4448/10236 [08:14<12:29,  7.73it/s]

43%|          | 4449/10236 [08:14<14:17,  6.75it/s]

43%|          | 4450/10236 [08:14<13:57,  6.91it/s]

43%|          | 4452/10236 [08:14<11:25,  8.44it/s]

44%|          | 4454/10236 [08:15<09:29, 10.15it/s]

44%|          | 4456/10236 [08:15<08:31, 11.30it/s]
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44%|          | 4458/10236 [08:15<07:44, 12.44it/s]

44%|          | 4460/10236 [08:15<07:05, 13.59it/s]

44%|          | 4462/10236 [08:15<06:54, 13.92it/s]

44%|          | 4464/10236 [08:15<06:55, 13.89it/s]

44%|          | 4466/10236 [08:15<06:42, 14.32it/s]

44%|          | 4468/10236 [08:15<06:25, 14.97it/s]

44%|          | 4470/10236 [08:16<06:20, 15.14it/s]

44%|          | 4472/10236 [08:16<06:22, 15.06it/s]

44%|          | 4474/10236 [08:16<06:51, 14.01it/s]

44%|          | 4476/10236 [08:16<09:00, 10.65it/s]

44%|          | 4478/10236 [08:17<10:53,  8.81it/s]

44%|          | 4480/10236 [08:17<11:31,  8.32it/s]

44%|          | 4481/10236 [08:17<13:02,  7.35it/s]

44%|          | 4482/10236 [08:17<13:15,  7.23it/s]

44%|          | 4483/10236 [08:17<13:34,  7.07it/s]

44%|          | 4484/10236 [08:17<14:18,  6.70it/s]

44%|          | 4486/10236 [08:18<11:35,  8.26it/s]

44%|          | 4488/10236 [08:18<09:37,  9.95it/s]

44%|          | 4490/10236 [08:18<08:15, 11.59it/s]

44%|          | 4492/10236 [08:18<07:17, 13.12it/s]

44%|          | 4494/10236 [08:18<06:51, 13.94it/s]

44%|          | 4496/10236 [08:18<06:37, 14.45it/s]

44%|          | 4498/10236 [08:18<06:05, 15.69it/s]

44%|          | 4500/10236 [08:18<06:10, 15.48it/s]
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44%|         | 4502/10236 [08:19<06:54, 13.82it/s]

44%|         | 4504/10236 [08:19<08:17, 11.51it/s]

44%|         | 4506/10236 [08:19<09:00, 10.61it/s]

44%|         | 4508/10236 [08:19<11:50,  8.07it/s]

44%|         | 4509/10236 [08:20<12:18,  7.75it/s]

44%|         | 4510/10236 [08:20<13:43,  6.95it/s]

44%|         | 4511/10236 [08:20<14:01,  6.80it/s]

44%|         | 4512/10236 [08:20<14:37,  6.53it/s]

44%|         | 4513/10236 [08:20<15:36,  6.11it/s]

44%|         | 4514/10236 [08:20<15:17,  6.23it/s]

44%|         | 4515/10236 [08:20<14:08,  6.74it/s]

44%|         | 4517/10236 [08:21<11:30,  8.28it/s]

44%|         | 4519/10236 [08:21<09:45,  9.76it/s]

44%|         | 4521/10236 [08:21<08:24, 11.33it/s]

44%|         | 4523/10236 [08:21<07:54, 12.05it/s]

44%|         | 4525/10236 [08:21<07:55, 12.02it/s]

44%|         | 4527/10236 [08:21<07:24, 12.85it/s]

44%|         | 4529/10236 [08:21<07:02, 13.51it/s]

44%|         | 4531/10236 [08:22<06:53, 13.79it/s]

44%|         | 4533/10236 [08:22<06:28, 14.69it/s]

44%|         | 4535/10236 [08:22<06:27, 14.72it/s]

44%|         | 4537/10236 [08:22<06:40, 14.23it/s]

44%|         | 4539/10236 [08:22<10:07,  9.38it/s]

44%|         | 4541/10236 [08:23<12:32,  7.56it/s]
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44%|          | 4542/10236 [08:23<15:07,  6.27it/s]

44%|          | 4543/10236 [08:23<16:07,  5.89it/s]

44%|          | 4544/10236 [08:23<15:38,  6.06it/s]

44%|          | 4545/10236 [08:23<16:36,  5.71it/s]

44%|          | 4546/10236 [08:24<14:33,  6.51it/s]

44%|          | 4548/10236 [08:24<11:42,  8.09it/s]

44%|          | 4550/10236 [08:24<09:52,  9.60it/s]

44%|          | 4552/10236 [08:24<09:03, 10.46it/s]

44%|          | 4554/10236 [08:24<08:08, 11.63it/s]

45%|          | 4556/10236 [08:24<07:29, 12.62it/s]

45%|          | 4558/10236 [08:24<07:08, 13.27it/s]

45%|          | 4560/10236 [08:25<07:19, 12.90it/s]

45%|          | 4562/10236 [08:25<06:42, 14.09it/s]

45%|          | 4564/10236 [08:25<06:40, 14.15it/s]

45%|          | 4566/10236 [08:25<06:28, 14.61it/s]

45%|          | 4568/10236 [08:25<06:57, 13.57it/s]

45%|          | 4570/10236 [08:25<10:27,  9.04it/s]

45%|          | 4572/10236 [08:26<13:07,  7.19it/s]

45%|          | 4573/10236 [08:26<16:31,  5.71it/s]

45%|          | 4574/10236 [08:26<19:20,  4.88it/s]

45%|          | 4575/10236 [08:27<18:49,  5.01it/s]

45%|          | 4577/10236 [08:27<15:18,  6.16it/s]

45%|          | 4579/10236 [08:27<12:19,  7.65it/s]

45%|          | 4581/10236 [08:27<10:16,  9.18it/s]
```

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45%|          | 4583/10236 [08:27<09:07, 10.32it/s]

45%|          | 4585/10236 [08:27<08:14, 11.43it/s]

45%|          | 4587/10236 [08:27<07:43, 12.19it/s]

45%|          | 4589/10236 [08:27<07:11, 13.08it/s]

45%|          | 4591/10236 [08:28<06:35, 14.28it/s]

45%|          | 4593/10236 [08:28<07:04, 13.29it/s]

45%|          | 4595/10236 [08:28<07:00, 13.41it/s]

45%|          | 4597/10236 [08:28<06:41, 14.03it/s]

45%|          | 4599/10236 [08:28<08:25, 11.16it/s]

45%|          | 4601/10236 [08:29<10:36,  8.85it/s]

45%|          | 4603/10236 [08:29<11:35,  8.10it/s]

45%|          | 4604/10236 [08:29<13:04,  7.18it/s]

45%|          | 4605/10236 [08:29<13:16,  7.07it/s]

45%|          | 4606/10236 [08:29<13:10,  7.12it/s]

45%|          | 4607/10236 [08:30<14:15,  6.58it/s]

45%|          | 4608/10236 [08:30<13:58,  6.71it/s]

45%|          | 4610/10236 [08:30<11:24,  8.22it/s]

45%|          | 4612/10236 [08:30<09:32,  9.82it/s]

45%|          | 4615/10236 [08:30<08:05, 11.58it/s]

45%|          | 4617/10236 [08:30<07:16, 12.87it/s]

45%|          | 4619/10236 [08:30<06:58, 13.41it/s]

45%|          | 4621/10236 [08:30<06:48, 13.76it/s]

45%|          | 4623/10236 [08:31<06:23, 14.63it/s]

45%|          | 4625/10236 [08:31<06:23, 14.62it/s]
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45%|          | 4627/10236 [08:31<06:13, 15.02it/s]

45%|          | 4629/10236 [08:31<06:01, 15.49it/s]

45%|          | 4631/10236 [08:31<06:24, 14.57it/s]

45%|          | 4633/10236 [08:31<07:56, 11.77it/s]

45%|          | 4635/10236 [08:32<09:39,  9.66it/s]

45%|          | 4637/10236 [08:32<11:05,  8.41it/s]

45%|          | 4638/10236 [08:32<11:46,  7.93it/s]

45%|          | 4639/10236 [08:32<13:15,  7.03it/s]

45%|          | 4640/10236 [08:32<13:22,  6.97it/s]

45%|          | 4641/10236 [08:33<14:18,  6.52it/s]

45%|          | 4642/10236 [08:33<14:17,  6.53it/s]

45%|          | 4644/10236 [08:33<11:56,  7.80it/s]

45%|          | 4646/10236 [08:33<09:50,  9.47it/s]

45%|          | 4648/10236 [08:33<08:34, 10.86it/s]

45%|          | 4650/10236 [08:33<07:40, 12.14it/s]

45%|          | 4652/10236 [08:33<06:59, 13.31it/s]

45%|          | 4654/10236 [08:34<06:36, 14.08it/s]

45%|          | 4656/10236 [08:34<06:37, 14.04it/s]

46%|          | 4658/10236 [08:34<06:05, 15.25it/s]

46%|          | 4660/10236 [08:34<05:58, 15.55it/s]

46%|          | 4662/10236 [08:34<06:04, 15.31it/s]

46%|          | 4664/10236 [08:34<05:53, 15.78it/s]

46%|          | 4666/10236 [08:34<05:58, 15.55it/s]

46%|          | 4668/10236 [08:35<07:45, 11.97it/s]
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46%|          | 4670/10236 [08:35<09:50,  9.42it/s]

46%|          | 4672/10236 [08:35<10:39,  8.69it/s]

46%|          | 4674/10236 [08:35<11:43,  7.91it/s]

46%|          | 4675/10236 [08:36<12:07,  7.64it/s]

46%|          | 4676/10236 [08:36<13:21,  6.94it/s]

46%|          | 4677/10236 [08:36<13:37,  6.80it/s]

46%|          | 4679/10236 [08:36<11:38,  7.96it/s]

46%|          | 4682/10236 [08:36<09:32,  9.70it/s]

46%|          | 4685/10236 [08:36<08:08, 11.35it/s]

46%|          | 4687/10236 [08:36<07:08, 12.95it/s]

46%|          | 4689/10236 [08:37<06:49, 13.53it/s]

46%|          | 4691/10236 [08:37<06:23, 14.46it/s]

46%|          | 4693/10236 [08:37<05:57, 15.49it/s]

46%|          | 4695/10236 [08:37<06:13, 14.83it/s]

46%|          | 4697/10236 [08:37<06:16, 14.73it/s]

46%|          | 4699/10236 [08:37<06:07, 15.08it/s]

46%|          | 4701/10236 [08:37<05:51, 15.73it/s]

46%|          | 4703/10236 [08:38<06:22, 14.47it/s]

46%|          | 4705/10236 [08:38<08:56, 10.32it/s]

46%|          | 4707/10236 [08:38<10:08,  9.09it/s]

46%|          | 4709/10236 [08:38<11:17,  8.15it/s]

46%|          | 4710/10236 [08:39<11:38,  7.91it/s]

46%|          | 4711/10236 [08:39<13:28,  6.83it/s]

46%|          | 4712/10236 [08:39<13:27,  6.84it/s]
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46%|          | 4713/10236 [08:39<13:30,  6.81it/s]

46%|          | 4715/10236 [08:39<11:23,  8.08it/s]

46%|          | 4717/10236 [08:39<09:30,  9.68it/s]

46%|          | 4720/10236 [08:39<08:02, 11.42it/s]

46%|          | 4722/10236 [08:40<07:08, 12.88it/s]

46%|          | 4724/10236 [08:40<06:57, 13.19it/s]

46%|          | 4726/10236 [08:40<06:48, 13.48it/s]

46%|          | 4728/10236 [08:40<06:40, 13.74it/s]

46%|          | 4730/10236 [08:40<06:17, 14.59it/s]

46%|          | 4732/10236 [08:40<06:11, 14.82it/s]

46%|          | 4734/10236 [08:40<06:02, 15.20it/s]

46%|          | 4736/10236 [08:40<05:39, 16.18it/s]

46%|          | 4738/10236 [08:41<06:15, 14.65it/s]

46%|          | 4740/10236 [08:41<08:49, 10.37it/s]

46%|          | 4742/10236 [08:41<10:28,  8.74it/s]

46%|          | 4744/10236 [08:42<11:30,  7.95it/s]

46%|          | 4745/10236 [08:42<11:51,  7.72it/s]

46%|          | 4746/10236 [08:42<13:08,  6.96it/s]

46%|          | 4747/10236 [08:42<13:07,  6.97it/s]

46%|          | 4748/10236 [08:42<14:32,  6.29it/s]

46%|          | 4750/10236 [08:42<11:33,  7.90it/s]

46%|          | 4752/10236 [08:43<10:45,  8.49it/s]

46%|          | 4754/10236 [08:43<11:41,  7.82it/s]

46%|          | 4755/10236 [08:43<12:26,  7.34it/s]
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46%|          | 4756/10236 [08:43<13:27,  6.79it/s]

46%|          | 4757/10236 [08:43<14:03,  6.49it/s]

46%|          | 4758/10236 [08:43<13:42,  6.66it/s]

46%|          | 4759/10236 [08:44<13:26,  6.79it/s]

47%|          | 4760/10236 [08:44<18:32,  4.92it/s]

47%|          | 4761/10236 [08:44<23:59,  3.80it/s]

47%|          | 4762/10236 [08:45<27:07,  3.36it/s]

47%|          | 4763/10236 [08:45<30:55,  2.95it/s]

47%|          | 4764/10236 [08:45<28:23,  3.21it/s]

47%|          | 4765/10236 [08:46<23:20,  3.91it/s]

47%|          | 4766/10236 [08:46<20:36,  4.42it/s]

47%|          | 4767/10236 [08:46<18:19,  4.97it/s]

47%|          | 4768/10236 [08:46<17:12,  5.30it/s]

47%|          | 4769/10236 [08:46<16:09,  5.64it/s]

47%|          | 4770/10236 [08:46<15:06,  6.03it/s]

47%|          | 4771/10236 [08:46<14:54,  6.11it/s]

47%|          | 4772/10236 [08:47<14:21,  6.34it/s]

47%|          | 4773/10236 [08:47<14:04,  6.47it/s]

47%|          | 4774/10236 [08:47<20:23,  4.46it/s]

47%|          | 4775/10236 [08:48<27:44,  3.28it/s]

47%|          | 4776/10236 [08:48<32:04,  2.84it/s]

47%|          | 4777/10236 [08:48<33:02,  2.75it/s]

47%|          | 4778/10236 [08:49<26:58,  3.37it/s]

47%|          | 4779/10236 [08:49<22:49,  3.98it/s]
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47%|          | 4780/10236 [08:49<20:47,  4.37it/s]

47%|          | 4781/10236 [08:49<18:29,  4.92it/s]

47%|          | 4782/10236 [08:49<17:06,  5.31it/s]

47%|          | 4783/10236 [08:49<16:32,  5.49it/s]

47%|          | 4784/10236 [08:50<15:31,  5.85it/s]

47%|          | 4785/10236 [08:50<14:55,  6.08it/s]

47%|          | 4786/10236 [08:50<14:49,  6.13it/s]

47%|          | 4787/10236 [08:50<19:31,  4.65it/s]

47%|          | 4788/10236 [08:51<23:58,  3.79it/s]

47%|          | 4789/10236 [08:51<28:58,  3.13it/s]

47%|          | 4790/10236 [08:51<31:33,  2.88it/s]

47%|          | 4791/10236 [08:52<27:52,  3.26it/s]

47%|          | 4792/10236 [08:52<23:11,  3.91it/s]

47%|          | 4793/10236 [08:52<20:02,  4.53it/s]

47%|          | 4794/10236 [08:52<18:47,  4.83it/s]

47%|          | 4795/10236 [08:52<16:56,  5.35it/s]

47%|          | 4796/10236 [08:52<15:40,  5.78it/s]

47%|          | 4797/10236 [08:53<15:32,  5.84it/s]

47%|          | 4798/10236 [08:53<15:01,  6.03it/s]

47%|          | 4800/10236 [08:53<12:26,  7.28it/s]

47%|          | 4801/10236 [08:53<12:31,  7.23it/s]

47%|          | 4802/10236 [08:53<12:12,  7.42it/s]

47%|          | 4803/10236 [08:53<13:28,  6.72it/s]

47%|          | 4804/10236 [08:53<13:18,  6.81it/s]
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47%|          | 4805/10236 [08:54<13:11,  6.86it/s]

47%|          | 4806/10236 [08:54<14:16,  6.34it/s]

47%|          | 4807/10236 [08:54<13:50,  6.54it/s]

47%|          | 4808/10236 [08:54<13:42,  6.60it/s]

47%|          | 4809/10236 [08:54<14:28,  6.25it/s]

47%|          | 4810/10236 [08:54<14:09,  6.38it/s]

47%|          | 4811/10236 [08:54<13:44,  6.58it/s]

47%|          | 4812/10236 [08:55<13:12,  6.84it/s]

47%|          | 4814/10236 [08:55<10:39,  8.47it/s]

47%|          | 4817/10236 [08:55<08:47, 10.27it/s]

47%|          | 4819/10236 [08:55<07:36, 11.86it/s]

47%|          | 4821/10236 [08:55<06:57, 12.96it/s]

47%|          | 4823/10236 [08:55<06:29, 13.91it/s]

47%|          | 4825/10236 [08:55<06:06, 14.78it/s]

47%|          | 4827/10236 [08:55<06:05, 14.78it/s]

47%|          | 4829/10236 [08:56<06:37, 13.62it/s]

47%|          | 4831/10236 [08:56<06:20, 14.21it/s]

47%|          | 4833/10236 [08:56<06:29, 13.88it/s]

47%|          | 4835/10236 [08:56<06:27, 13.92it/s]

47%|          | 4837/10236 [08:56<08:32, 10.53it/s]

47%|          | 4839/10236 [08:57<09:46,  9.19it/s]

47%|          | 4841/10236 [08:57<11:48,  7.62it/s]

47%|          | 4842/10236 [08:57<12:42,  7.08it/s]

47%|          | 4843/10236 [08:57<13:37,  6.59it/s]
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47%|          | 4844/10236 [08:57<13:19,  6.75it/s]

47%|          | 4845/10236 [08:58<12:37,  7.11it/s]

47%|          | 4847/10236 [08:58<10:18,  8.71it/s]

47%|          | 4849/10236 [08:58<08:42, 10.32it/s]

47%|          | 4852/10236 [08:58<07:30, 11.95it/s]

47%|          | 4854/10236 [08:58<07:04, 12.67it/s]

47%|          | 4856/10236 [08:58<06:21, 14.12it/s]

47%|          | 4858/10236 [08:58<06:03, 14.80it/s]

47%|          | 4860/10236 [08:58<05:57, 15.04it/s]

47%|          | 4862/10236 [08:59<05:50, 15.32it/s]

48%|          | 4864/10236 [08:59<06:05, 14.70it/s]

48%|          | 4866/10236 [08:59<06:11, 14.45it/s]

48%|          | 4868/10236 [08:59<05:53, 15.18it/s]

48%|          | 4870/10236 [08:59<07:04, 12.64it/s]

48%|          | 4872/10236 [09:00<09:15,  9.65it/s]

48%|          | 4874/10236 [09:00<10:54,  8.19it/s]

48%|          | 4875/10236 [09:00<11:53,  7.51it/s]

48%|          | 4876/10236 [09:00<12:10,  7.34it/s]

48%|          | 4877/10236 [09:00<13:17,  6.72it/s]

48%|          | 4878/10236 [09:01<12:56,  6.90it/s]

48%|          | 4879/10236 [09:01<13:01,  6.85it/s]

48%|          | 4881/10236 [09:01<10:50,  8.23it/s]

48%|          | 4883/10236 [09:01<09:02,  9.86it/s]

48%|          | 4886/10236 [09:01<07:43, 11.54it/s]
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48%|          | 4888/10236 [09:01<06:59, 12.73it/s]

48%|          | 4890/10236 [09:01<06:24, 13.90it/s]

48%|          | 4892/10236 [09:01<06:14, 14.26it/s]

48%|          | 4894/10236 [09:02<05:55, 15.03it/s]

48%|          | 4896/10236 [09:02<05:30, 16.16it/s]

48%|          | 4898/10236 [09:02<05:53, 15.11it/s]

48%|          | 4900/10236 [09:02<06:22, 13.96it/s]

48%|          | 4902/10236 [09:02<05:59, 14.84it/s]

48%|          | 4904/10236 [09:02<07:37, 11.66it/s]

48%|          | 4906/10236 [09:03<09:45,  9.10it/s]

48%|          | 4908/10236 [09:03<10:43,  8.27it/s]

48%|          | 4909/10236 [09:03<12:27,  7.12it/s]

48%|          | 4910/10236 [09:03<12:38,  7.03it/s]

48%|          | 4911/10236 [09:03<13:23,  6.63it/s]

48%|          | 4912/10236 [09:04<13:15,  6.69it/s]

48%|          | 4913/10236 [09:04<13:08,  6.75it/s]

48%|          | 4915/10236 [09:04<10:58,  8.07it/s]

48%|          | 4917/10236 [09:04<09:04,  9.76it/s]

48%|          | 4920/10236 [09:04<07:56, 11.16it/s]

48%|          | 4922/10236 [09:04<07:11, 12.32it/s]

48%|          | 4924/10236 [09:04<06:44, 13.12it/s]

48%|          | 4926/10236 [09:05<06:25, 13.76it/s]

48%|          | 4928/10236 [09:05<06:20, 13.96it/s]

48%|          | 4930/10236 [09:05<05:54, 14.98it/s]
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48%|          | 4932/10236 [09:05<05:47, 15.27it/s]

48%|          | 4934/10236 [09:05<06:00, 14.71it/s]

48%|          | 4936/10236 [09:05<05:43, 15.41it/s]

48%|          | 4938/10236 [09:05<06:47, 13.01it/s]

48%|          | 4940/10236 [09:06<09:05,  9.72it/s]

48%|          | 4942/10236 [09:06<11:13,  7.86it/s]

48%|          | 4943/10236 [09:06<12:56,  6.81it/s]

48%|          | 4944/10236 [09:06<13:20,  6.61it/s]

48%|          | 4945/10236 [09:07<14:23,  6.13it/s]

48%|          | 4946/10236 [09:07<15:17,  5.77it/s]

48%|          | 4947/10236 [09:07<13:28,  6.54it/s]

48%|          | 4949/10236 [09:07<11:17,  7.80it/s]

48%|          | 4951/10236 [09:07<10:07,  8.70it/s]

48%|          | 4953/10236 [09:07<08:37, 10.21it/s]

48%|          | 4955/10236 [09:08<07:55, 11.10it/s]

48%|          | 4957/10236 [09:08<07:16, 12.09it/s]

48%|          | 4959/10236 [09:08<06:51, 12.81it/s]

48%|          | 4961/10236 [09:08<07:10, 12.24it/s]

48%|          | 4963/10236 [09:08<07:29, 11.72it/s]

49%|          | 4965/10236 [09:08<07:28, 11.76it/s]

49%|          | 4967/10236 [09:09<09:21,  9.39it/s]

49%|          | 4969/10236 [09:09<13:15,  6.62it/s]

49%|          | 4970/10236 [09:09<15:43,  5.58it/s]

49%|          | 4971/10236 [09:10<17:31,  5.01it/s]
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49%|         | 4972/10236 [09:10<18:02,  4.86it/s]

49%|         | 4973/10236 [09:10<18:05,  4.85it/s]

49%|         | 4974/10236 [09:10<20:24,  4.30it/s]

49%|         | 4975/10236 [09:11<20:52,  4.20it/s]

49%|         | 4976/10236 [09:11<21:16,  4.12it/s]

49%|         | 4977/10236 [09:11<19:16,  4.55it/s]

49%|         | 4978/10236 [09:11<18:15,  4.80it/s]

49%|         | 4979/10236 [09:11<18:11,  4.82it/s]

49%|         | 4980/10236 [09:12<17:10,  5.10it/s]

49%|         | 4982/10236 [09:12<13:30,  6.48it/s]

49%|         | 4984/10236 [09:12<10:49,  8.09it/s]

49%|         | 4986/10236 [09:12<09:16,  9.43it/s]

49%|         | 4988/10236 [09:12<08:12, 10.66it/s]

49%|         | 4990/10236 [09:12<07:26, 11.74it/s]

49%|         | 4992/10236 [09:12<07:11, 12.15it/s]

49%|         | 4994/10236 [09:12<07:11, 12.14it/s]

49%|         | 4996/10236 [09:13<06:56, 12.59it/s]

49%|         | 4998/10236 [09:13<06:48, 12.84it/s]

49%|         | 5000/10236 [09:13<06:39, 13.10it/s]

49%|         | 5002/10236 [09:13<07:57, 10.97it/s]

49%|         | 5004/10236 [09:14<09:44,  8.95it/s]

49%|         | 5006/10236 [09:14<11:02,  7.89it/s]

49%|         | 5007/10236 [09:14<12:22,  7.04it/s]

49%|         | 5008/10236 [09:14<12:25,  7.01it/s]
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49%|          | 5009/10236 [09:14<12:39,  6.88it/s]

49%|          | 5010/10236 [09:14<13:24,  6.49it/s]

49%|          | 5011/10236 [09:15<13:07,  6.63it/s]

49%|          | 5013/10236 [09:15<10:39,  8.16it/s]

49%|          | 5016/10236 [09:15<08:46,  9.92it/s]

49%|          | 5018/10236 [09:15<07:41, 11.30it/s]

49%|          | 5020/10236 [09:15<06:52, 12.63it/s]

49%|          | 5022/10236 [09:15<06:26, 13.49it/s]

49%|          | 5024/10236 [09:15<06:02, 14.36it/s]

49%|          | 5027/10236 [09:16<05:34, 15.58it/s]

49%|          | 5029/10236 [09:16<05:28, 15.87it/s]

49%|          | 5031/10236 [09:16<05:47, 14.98it/s]

49%|          | 5033/10236 [09:16<05:39, 15.31it/s]

49%|          | 5035/10236 [09:16<05:38, 15.39it/s]

49%|          | 5037/10236 [09:16<07:01, 12.35it/s]

49%|          | 5039/10236 [09:17<09:47,  8.84it/s]

49%|          | 5041/10236 [09:17<11:23,  7.60it/s]

49%|          | 5042/10236 [09:17<11:49,  7.32it/s]

49%|          | 5043/10236 [09:17<12:09,  7.12it/s]

49%|          | 5044/10236 [09:17<13:04,  6.62it/s]

49%|          | 5045/10236 [09:18<12:51,  6.73it/s]

49%|          | 5046/10236 [09:18<12:21,  7.00it/s]

49%|          | 5048/10236 [09:18<10:03,  8.60it/s]

49%|          | 5050/10236 [09:18<08:25, 10.27it/s]
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49%|         | 5052/10236 [09:18<07:20, 11.78it/s]

49%|         | 5054/10236 [09:18<06:28, 13.34it/s]

49%|         | 5056/10236 [09:18<06:05, 14.19it/s]

49%|         | 5058/10236 [09:18<05:50, 14.75it/s]

49%|         | 5060/10236 [09:19<05:37, 15.33it/s]

49%|         | 5062/10236 [09:19<05:32, 15.54it/s]

49%|         | 5064/10236 [09:19<05:31, 15.59it/s]

49%|         | 5066/10236 [09:19<05:33, 15.51it/s]

50%|         | 5068/10236 [09:19<05:17, 16.26it/s]

50%|         | 5070/10236 [09:19<05:18, 16.24it/s]

50%|         | 5072/10236 [09:19<06:53, 12.49it/s]

50%|         | 5074/10236 [09:20<08:16, 10.41it/s]

50%|         | 5076/10236 [09:20<09:49,  8.76it/s]

50%|         | 5078/10236 [09:20<10:57,  7.85it/s]

50%|         | 5079/10236 [09:20<11:12,  7.66it/s]

50%|         | 5080/10236 [09:21<12:19,  6.98it/s]

50%|         | 5081/10236 [09:21<12:26,  6.91it/s]

50%|         | 5083/10236 [09:21<10:40,  8.04it/s]

50%|         | 5086/10236 [09:21<08:45,  9.81it/s]

50%|         | 5089/10236 [09:21<07:29, 11.45it/s]

50%|         | 5091/10236 [09:21<06:54, 12.40it/s]

50%|         | 5094/10236 [09:22<06:13, 13.77it/s]

50%|         | 5096/10236 [09:22<05:57, 14.40it/s]

50%|         | 5098/10236 [09:22<05:42, 15.01it/s]
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50%|          | 5100/10236 [09:22<05:58, 14.31it/s]

50%|          | 5102/10236 [09:22<05:43, 14.96it/s]

50%|          | 5104/10236 [09:22<05:50, 14.63it/s]

50%|          | 5106/10236 [09:22<06:09, 13.89it/s]

50%|          | 5108/10236 [09:23<08:10, 10.46it/s]

50%|          | 5110/10236 [09:23<09:18,  9.18it/s]

50%|          | 5112/10236 [09:23<11:25,  7.48it/s]

50%|          | 5113/10236 [09:23<11:31,  7.41it/s]

50%|          | 5114/10236 [09:24<12:38,  6.76it/s]

50%|          | 5115/10236 [09:24<12:36,  6.77it/s]

50%|          | 5116/10236 [09:24<12:40,  6.73it/s]

50%|          | 5118/10236 [09:24<10:21,  8.23it/s]

50%|          | 5120/10236 [09:24<08:42,  9.78it/s]

50%|          | 5122/10236 [09:24<07:31, 11.32it/s]

50%|          | 5124/10236 [09:24<06:44, 12.64it/s]

50%|          | 5126/10236 [09:25<06:34, 12.95it/s]

50%|          | 5128/10236 [09:25<06:12, 13.72it/s]

50%|          | 5130/10236 [09:25<06:04, 14.01it/s]

50%|          | 5132/10236 [09:25<05:52, 14.48it/s]

50%|          | 5134/10236 [09:25<05:45, 14.78it/s]

50%|          | 5136/10236 [09:25<05:40, 14.98it/s]

50%|          | 5138/10236 [09:25<05:25, 15.64it/s]

50%|          | 5140/10236 [09:25<05:50, 14.53it/s]

50%|          | 5142/10236 [09:26<08:22, 10.13it/s]
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50%|          | 5144/10236 [09:26<09:50,  8.62it/s]

50%|          | 5146/10236 [09:26<10:38,  7.97it/s]

50%|          | 5147/10236 [09:27<12:12,  6.95it/s]

50%|          | 5148/10236 [09:27<12:14,  6.92it/s]

50%|          | 5149/10236 [09:27<12:17,  6.90it/s]

50%|          | 5150/10236 [09:27<13:00,  6.52it/s]

50%|          | 5153/10236 [09:27<10:22,  8.17it/s]

50%|          | 5155/10236 [09:27<08:37,  9.82it/s]

50%|          | 5157/10236 [09:27<07:38, 11.09it/s]

50%|          | 5159/10236 [09:28<08:16, 10.23it/s]

50%|          | 5161/10236 [09:28<07:35, 11.13it/s]

50%|          | 5163/10236 [09:28<06:40, 12.67it/s]

50%|          | 5165/10236 [09:28<06:55, 12.21it/s]

50%|          | 5167/10236 [09:28<06:22, 13.26it/s]

50%|          | 5169/10236 [09:28<06:13, 13.58it/s]

51%|          | 5171/10236 [09:28<06:08, 13.75it/s]

51%|          | 5173/10236 [09:29<07:55, 10.64it/s]

51%|          | 5175/10236 [09:29<09:33,  8.82it/s]

51%|          | 5177/10236 [09:29<10:11,  8.27it/s]

51%|          | 5178/10236 [09:30<13:30,  6.24it/s]

51%|          | 5179/10236 [09:30<13:34,  6.21it/s]

51%|          | 5180/10236 [09:30<14:24,  5.85it/s]

51%|          | 5181/10236 [09:30<14:15,  5.91it/s]

51%|          | 5183/10236 [09:30<11:18,  7.44it/s]
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51%|          | 5186/10236 [09:30<09:10,  9.17it/s]

51%|          | 5188/10236 [09:31<07:53, 10.67it/s]

51%|          | 5190/10236 [09:31<06:55, 12.14it/s]

51%|          | 5192/10236 [09:31<06:18, 13.34it/s]

51%|          | 5194/10236 [09:31<05:51, 14.33it/s]

51%|          | 5196/10236 [09:31<05:32, 15.15it/s]

51%|          | 5198/10236 [09:31<05:27, 15.38it/s]

51%|          | 5200/10236 [09:31<05:33, 15.12it/s]

51%|          | 5202/10236 [09:31<05:15, 15.98it/s]

51%|          | 5204/10236 [09:31<05:08, 16.31it/s]

51%|          | 5206/10236 [09:32<05:17, 15.84it/s]

51%|          | 5208/10236 [09:32<07:07, 11.77it/s]

51%|          | 5210/10236 [09:32<09:27,  8.86it/s]

51%|          | 5212/10236 [09:33<10:55,  7.67it/s]

51%|          | 5213/10236 [09:33<11:28,  7.30it/s]

51%|          | 5214/10236 [09:33<13:05,  6.40it/s]

51%|          | 5215/10236 [09:33<13:06,  6.38it/s]

51%|          | 5216/10236 [09:33<12:28,  6.71it/s]

51%|          | 5218/10236 [09:33<10:05,  8.29it/s]

51%|          | 5220/10236 [09:33<08:24,  9.94it/s]

51%|          | 5222/10236 [09:34<07:13, 11.56it/s]

51%|          | 5224/10236 [09:34<06:31, 12.79it/s]

51%|          | 5226/10236 [09:34<06:06, 13.66it/s]

51%|          | 5228/10236 [09:34<05:44, 14.55it/s]
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51%|          | 5230/10236 [09:34<05:22, 15.52it/s]

51%|          | 5232/10236 [09:34<05:28, 15.22it/s]

51%|          | 5234/10236 [09:34<05:19, 15.64it/s]

51%|          | 5236/10236 [09:34<05:19, 15.65it/s]

51%|          | 5238/10236 [09:34<05:05, 16.38it/s]

51%|          | 5240/10236 [09:35<05:08, 16.20it/s]

51%|          | 5242/10236 [09:35<06:50, 12.15it/s]

51%|          | 5244/10236 [09:35<09:05,  9.15it/s]

51%|          | 5246/10236 [09:36<10:39,  7.81it/s]

51%|          | 5247/10236 [09:36<12:06,  6.86it/s]

51%|          | 5248/10236 [09:36<12:13,  6.80it/s]

51%|          | 5249/10236 [09:36<12:15,  6.78it/s]

51%|          | 5250/10236 [09:36<13:08,  6.32it/s]

51%|          | 5252/10236 [09:36<10:53,  7.63it/s]

51%|          | 5254/10236 [09:36<08:57,  9.27it/s]

51%|          | 5256/10236 [09:37<07:34, 10.95it/s]

51%|          | 5258/10236 [09:37<06:43, 12.33it/s]

51%|          | 5260/10236 [09:37<05:59, 13.82it/s]

51%|          | 5262/10236 [09:37<05:39, 14.63it/s]

51%|          | 5264/10236 [09:37<05:49, 14.22it/s]

51%|          | 5266/10236 [09:37<05:29, 15.10it/s]

51%|          | 5268/10236 [09:37<05:20, 15.52it/s]

51%|          | 5270/10236 [09:37<05:12, 15.89it/s]

52%|          | 5272/10236 [09:38<05:15, 15.72it/s]
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52%|        | 5274/10236 [09:38<05:12, 15.85it/s]

52%|        | 5276/10236 [09:38<05:56, 13.90it/s]

52%|        | 5278/10236 [09:38<08:06, 10.19it/s]

52%|        | 5280/10236 [09:38<09:06,  9.07it/s]

52%|        | 5282/10236 [09:39<10:39,  7.74it/s]

52%|        | 5283/10236 [09:39<12:20,  6.69it/s]

52%|        | 5284/10236 [09:39<12:08,  6.80it/s]

52%|        | 5285/10236 [09:39<12:12,  6.76it/s]

52%|        | 5286/10236 [09:39<11:43,  7.04it/s]

52%|        | 5289/10236 [09:40<09:24,  8.76it/s]

52%|        | 5291/10236 [09:40<07:55, 10.40it/s]

52%|        | 5293/10236 [09:40<06:57, 11.84it/s]

52%|        | 5295/10236 [09:40<06:16, 13.14it/s]

52%|        | 5297/10236 [09:40<05:47, 14.21it/s]

52%|        | 5299/10236 [09:40<05:19, 15.44it/s]

52%|        | 5301/10236 [09:40<05:11, 15.82it/s]

52%|        | 5303/10236 [09:40<05:05, 16.16it/s]

52%|        | 5305/10236 [09:40<04:50, 16.99it/s]

52%|        | 5307/10236 [09:41<04:52, 16.87it/s]

52%|        | 5309/10236 [09:41<04:51, 16.89it/s]

52%|        | 5311/10236 [09:41<05:02, 16.30it/s]

52%|        | 5313/10236 [09:41<05:58, 13.72it/s]

52%|        | 5315/10236 [09:41<07:58, 10.29it/s]

52%|        | 5317/10236 [09:42<09:15,  8.85it/s]
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52%|          | 5319/10236 [09:42<10:30,  7.80it/s]

52%|          | 5320/10236 [09:42<11:57,  6.85it/s]

52%|          | 5321/10236 [09:42<11:49,  6.93it/s]

52%|          | 5322/10236 [09:42<13:18,  6.16it/s]

52%|          | 5324/10236 [09:43<10:42,  7.65it/s]

52%|          | 5326/10236 [09:43<09:10,  8.92it/s]

52%|          | 5328/10236 [09:43<08:27,  9.66it/s]

52%|          | 5330/10236 [09:43<07:32, 10.84it/s]

52%|          | 5332/10236 [09:43<07:00, 11.66it/s]

52%|          | 5334/10236 [09:43<06:37, 12.32it/s]

52%|          | 5336/10236 [09:43<06:46, 12.05it/s]

52%|          | 5338/10236 [09:44<06:54, 11.83it/s]

52%|          | 5340/10236 [09:44<06:59, 11.68it/s]

52%|          | 5342/10236 [09:44<07:14, 11.27it/s]

52%|          | 5344/10236 [09:44<08:59,  9.06it/s]

52%|          | 5345/10236 [09:45<11:17,  7.22it/s]

52%|          | 5346/10236 [09:45<12:34,  6.48it/s]

52%|          | 5347/10236 [09:45<14:21,  5.67it/s]

52%|          | 5348/10236 [09:45<14:11,  5.74it/s]

52%|          | 5349/10236 [09:45<15:26,  5.28it/s]

52%|          | 5350/10236 [09:46<15:30,  5.25it/s]

52%|          | 5352/10236 [09:46<12:10,  6.69it/s]

52%|          | 5354/10236 [09:46<10:05,  8.07it/s]

52%|          | 5356/10236 [09:46<09:04,  8.96it/s]
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52%|         | 5358/10236 [09:46<07:50, 10.36it/s]

52%|         | 5360/10236 [09:46<06:49, 11.92it/s]

52%|         | 5362/10236 [09:46<06:19, 12.83it/s]

52%|         | 5364/10236 [09:46<05:57, 13.64it/s]

52%|         | 5366/10236 [09:47<05:34, 14.58it/s]

52%|         | 5368/10236 [09:47<05:36, 14.47it/s]

52%|         | 5370/10236 [09:47<05:29, 14.78it/s]

52%|         | 5372/10236 [09:47<05:26, 14.89it/s]

53%|         | 5374/10236 [09:47<06:06, 13.28it/s]

53%|         | 5376/10236 [09:47<08:01, 10.09it/s]

53%|         | 5378/10236 [09:48<09:40,  8.37it/s]

53%|         | 5379/10236 [09:48<10:17,  7.86it/s]

53%|         | 5380/10236 [09:48<10:33,  7.66it/s]

53%|         | 5381/10236 [09:48<11:39,  6.94it/s]

53%|         | 5382/10236 [09:48<11:55,  6.79it/s]

53%|         | 5383/10236 [09:49<12:00,  6.73it/s]

53%|         | 5384/10236 [09:49<11:14,  7.19it/s]

53%|         | 5386/10236 [09:49<09:14,  8.75it/s]

53%|         | 5388/10236 [09:49<07:47, 10.37it/s]

53%|         | 5390/10236 [09:49<06:53, 11.72it/s]

53%|         | 5392/10236 [09:49<06:15, 12.91it/s]

53%|         | 5394/10236 [09:49<05:42, 14.15it/s]

53%|         | 5396/10236 [09:49<05:25, 14.85it/s]

53%|         | 5398/10236 [09:50<05:19, 15.14it/s]
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53%|          | 5400/10236 [09:50<05:19, 15.15it/s]

53%|          | 5402/10236 [09:50<05:07, 15.73it/s]

53%|          | 5404/10236 [09:50<05:14, 15.35it/s]

53%|          | 5406/10236 [09:50<05:05, 15.82it/s]

53%|          | 5408/10236 [09:50<04:48, 16.74it/s]

53%|          | 5410/10236 [09:50<06:45, 11.90it/s]

53%|          | 5412/10236 [09:51<08:23,  9.59it/s]

53%|          | 5414/10236 [09:51<09:42,  8.28it/s]

53%|          | 5416/10236 [09:51<10:01,  8.01it/s]

53%|          | 5417/10236 [09:51<11:17,  7.11it/s]

53%|          | 5418/10236 [09:52<11:15,  7.13it/s]

53%|          | 5419/10236 [09:52<11:28,  7.00it/s]

53%|          | 5421/10236 [09:52<09:22,  8.56it/s]

53%|          | 5423/10236 [09:52<07:47, 10.30it/s]

53%|          | 5425/10236 [09:52<06:54, 11.60it/s]

53%|          | 5428/10236 [09:52<06:02, 13.26it/s]

53%|          | 5431/10236 [09:52<05:24, 14.81it/s]

53%|          | 5433/10236 [09:52<05:05, 15.73it/s]

53%|          | 5435/10236 [09:53<04:58, 16.10it/s]

53%|          | 5437/10236 [09:53<04:59, 16.03it/s]

53%|          | 5439/10236 [09:53<04:52, 16.40it/s]

53%|          | 5441/10236 [09:53<04:37, 17.28it/s]

53%|          | 5443/10236 [09:53<04:53, 16.33it/s]

53%|          | 5445/10236 [09:53<04:46, 16.72it/s]
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53%|        | 5447/10236 [09:53<06:33, 12.19it/s]

53%|        | 5449/10236 [09:54<07:58, 10.00it/s]

53%|        | 5451/10236 [09:54<09:14,  8.63it/s]

53%|        | 5453/10236 [09:54<10:05,  7.90it/s]

53%|        | 5454/10236 [09:55<10:25,  7.65it/s]

53%|        | 5455/10236 [09:55<10:40,  7.46it/s]

53%|        | 5456/10236 [09:55<12:54,  6.17it/s]

53%|        | 5458/10236 [09:55<10:32,  7.55it/s]

53%|        | 5460/10236 [09:55<08:42,  9.14it/s]

53%|        | 5462/10236 [09:55<07:40, 10.37it/s]

53%|        | 5464/10236 [09:55<07:05, 11.22it/s]

53%|        | 5466/10236 [09:56<06:22, 12.48it/s]

53%|        | 5468/10236 [09:56<06:29, 12.24it/s]

53%|        | 5470/10236 [09:56<06:05, 13.04it/s]

53%|        | 5472/10236 [09:56<05:42, 13.91it/s]

53%|        | 5474/10236 [09:56<05:43, 13.86it/s]

53%|        | 5476/10236 [09:56<05:50, 13.57it/s]

54%|        | 5478/10236 [09:56<06:33, 12.09it/s]

54%|        | 5480/10236 [09:57<08:04,  9.82it/s]

54%|        | 5482/10236 [09:57<09:34,  8.27it/s]

54%|        | 5483/10236 [09:57<11:17,  7.02it/s]

54%|        | 5484/10236 [09:57<11:38,  6.80it/s]

54%|        | 5485/10236 [09:58<11:47,  6.72it/s]

54%|        | 5486/10236 [09:58<12:43,  6.22it/s]
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54%|          | 5487/10236 [09:58<12:26,  6.37it/s]

54%|          | 5489/10236 [09:58<10:28,  7.55it/s]

54%|          | 5492/10236 [09:58<08:32,  9.26it/s]

54%|          | 5494/10236 [09:58<07:29, 10.54it/s]

54%|          | 5496/10236 [09:58<06:44, 11.71it/s]

54%|          | 5498/10236 [09:59<06:15, 12.63it/s]

54%|          | 5500/10236 [09:59<06:05, 12.94it/s]

54%|          | 5502/10236 [09:59<05:50, 13.49it/s]

54%|          | 5504/10236 [09:59<05:56, 13.28it/s]

54%|          | 5506/10236 [09:59<05:43, 13.77it/s]

54%|          | 5508/10236 [09:59<05:43, 13.78it/s]

54%|          | 5510/10236 [09:59<05:31, 14.27it/s]

54%|          | 5512/10236 [10:00<07:16, 10.82it/s]

54%|          | 5514/10236 [10:00<08:45,  8.98it/s]

54%|          | 5516/10236 [10:00<09:51,  7.99it/s]

54%|          | 5517/10236 [10:00<10:06,  7.78it/s]

54%|          | 5518/10236 [10:01<10:29,  7.50it/s]

54%|          | 5519/10236 [10:01<11:30,  6.83it/s]

54%|          | 5520/10236 [10:01<11:41,  6.72it/s]

54%|          | 5522/10236 [10:01<09:34,  8.21it/s]

54%|          | 5524/10236 [10:01<07:56,  9.89it/s]

54%|          | 5526/10236 [10:01<06:45, 11.63it/s]

54%|          | 5528/10236 [10:01<06:04, 12.90it/s]

54%|          | 5530/10236 [10:02<05:45, 13.61it/s]
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54%|          | 5532/10236 [10:02<05:14, 14.98it/s]

54%|          | 5534/10236 [10:02<05:08, 15.22it/s]

54%|          | 5536/10236 [10:02<04:55, 15.92it/s]

54%|          | 5538/10236 [10:02<04:51, 16.11it/s]

54%|          | 5540/10236 [10:02<04:40, 16.75it/s]

54%|          | 5542/10236 [10:02<04:53, 15.98it/s]

54%|          | 5544/10236 [10:02<04:56, 15.82it/s]

54%|          | 5546/10236 [10:03<05:20, 14.62it/s]

54%|          | 5548/10236 [10:03<06:53, 11.33it/s]

54%|          | 5550/10236 [10:03<08:39,  9.02it/s]

54%|          | 5552/10236 [10:03<09:49,  7.95it/s]

54%|          | 5553/10236 [10:04<10:14,  7.62it/s]

54%|          | 5554/10236 [10:04<10:44,  7.26it/s]

54%|          | 5555/10236 [10:04<11:38,  6.71it/s]

54%|          | 5557/10236 [10:04<09:33,  8.16it/s]

54%|          | 5560/10236 [10:04<07:56,  9.82it/s]

54%|          | 5562/10236 [10:04<06:49, 11.43it/s]

54%|          | 5564/10236 [10:04<06:10, 12.60it/s]

54%|          | 5566/10236 [10:05<05:35, 13.92it/s]

54%|          | 5568/10236 [10:05<05:26, 14.31it/s]

54%|          | 5570/10236 [10:05<05:11, 15.00it/s]

54%|          | 5572/10236 [10:05<05:04, 15.34it/s]

54%|          | 5574/10236 [10:05<05:02, 15.42it/s]

54%|          | 5576/10236 [10:05<05:07, 15.15it/s]
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54%|          | 5578/10236 [10:05<04:55, 15.79it/s]

55%|          | 5580/10236 [10:05<04:52, 15.90it/s]

55%|          | 5582/10236 [10:06<06:54, 11.22it/s]

55%|          | 5584/10236 [10:06<08:45,  8.85it/s]

55%|          | 5586/10236 [10:06<10:00,  7.74it/s]

55%|          | 5587/10236 [10:07<11:21,  6.82it/s]

55%|          | 5588/10236 [10:07<11:31,  6.73it/s]

55%|          | 5589/10236 [10:07<11:29,  6.74it/s]

55%|          | 5590/10236 [10:07<11:29,  6.74it/s]

55%|          | 5593/10236 [10:07<09:13,  8.38it/s]

55%|          | 5595/10236 [10:07<07:56,  9.74it/s]

55%|          | 5597/10236 [10:07<07:12, 10.72it/s]

55%|          | 5599/10236 [10:08<06:41, 11.54it/s]

55%|          | 5601/10236 [10:08<06:15, 12.33it/s]

55%|          | 5603/10236 [10:08<05:46, 13.38it/s]

55%|          | 5605/10236 [10:08<05:36, 13.75it/s]

55%|          | 5607/10236 [10:08<05:29, 14.07it/s]

55%|          | 5609/10236 [10:08<05:26, 14.16it/s]

55%|          | 5611/10236 [10:08<05:20, 14.43it/s]

55%|          | 5613/10236 [10:09<05:46, 13.35it/s]

55%|          | 5615/10236 [10:09<07:51,  9.79it/s]

55%|          | 5617/10236 [10:09<09:02,  8.51it/s]

55%|          | 5618/10236 [10:09<09:50,  7.82it/s]

55%|          | 5619/10236 [10:09<10:10,  7.57it/s]
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55%|          | 5620/10236 [10:10<11:32,  6.67it/s]

55%|          | 5621/10236 [10:10<11:35,  6.63it/s]

55%|          | 5622/10236 [10:10<11:47,  6.52it/s]

55%|          | 5623/10236 [10:10<11:17,  6.80it/s]

55%|          | 5625/10236 [10:10<09:08,  8.40it/s]

55%|          | 5627/10236 [10:10<07:47,  9.85it/s]

55%|          | 5629/10236 [10:10<06:44, 11.39it/s]

55%|          | 5631/10236 [10:11<06:14, 12.30it/s]

55%|          | 5633/10236 [10:11<05:57, 12.86it/s]

55%|          | 5635/10236 [10:11<05:25, 14.15it/s]

55%|          | 5637/10236 [10:11<05:49, 13.17it/s]

55%|          | 5639/10236 [10:11<05:53, 13.00it/s]

55%|          | 5641/10236 [10:11<05:23, 14.19it/s]

55%|          | 5643/10236 [10:11<05:14, 14.59it/s]

55%|          | 5645/10236 [10:12<05:20, 14.33it/s]

55%|          | 5647/10236 [10:12<07:08, 10.72it/s]

55%|          | 5649/10236 [10:12<08:08,  9.39it/s]

55%|          | 5651/10236 [10:12<09:14,  8.27it/s]

55%|          | 5652/10236 [10:13<10:29,  7.28it/s]

55%|          | 5653/10236 [10:13<10:49,  7.05it/s]

55%|          | 5654/10236 [10:13<10:59,  6.94it/s]

55%|          | 5655/10236 [10:13<12:01,  6.35it/s]

55%|          | 5656/10236 [10:13<10:59,  6.94it/s]

55%|          | 5658/10236 [10:13<08:55,  8.55it/s]
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55%|          | 5661/10236 [10:13<07:29, 10.18it/s]

55%|          | 5663/10236 [10:14<06:33, 11.63it/s]

55%|          | 5665/10236 [10:14<06:06, 12.48it/s]

55%|          | 5667/10236 [10:14<05:43, 13.31it/s]

55%|          | 5669/10236 [10:14<05:41, 13.38it/s]

55%|          | 5671/10236 [10:14<05:34, 13.64it/s]

55%|          | 5673/10236 [10:14<05:30, 13.80it/s]

55%|          | 5675/10236 [10:14<05:36, 13.57it/s]

55%|          | 5677/10236 [10:15<05:44, 13.23it/s]

55%|          | 5679/10236 [10:15<07:54,  9.61it/s]

56%|          | 5681/10236 [10:15<09:04,  8.36it/s]

56%|          | 5682/10236 [10:15<10:26,  7.27it/s]

56%|          | 5683/10236 [10:16<10:23,  7.30it/s]

56%|          | 5684/10236 [10:16<10:29,  7.23it/s]

56%|          | 5685/10236 [10:16<11:16,  6.72it/s]

56%|          | 5686/10236 [10:16<11:27,  6.62it/s]

56%|          | 5687/10236 [10:16<10:41,  7.09it/s]

56%|          | 5689/10236 [10:16<08:46,  8.64it/s]

56%|          | 5691/10236 [10:16<07:19, 10.34it/s]

56%|          | 5693/10236 [10:16<06:19, 11.98it/s]

56%|          | 5696/10236 [10:17<05:33, 13.61it/s]

56%|          | 5698/10236 [10:17<05:13, 14.46it/s]

56%|          | 5700/10236 [10:17<04:59, 15.15it/s]

56%|          | 5702/10236 [10:17<04:49, 15.69it/s]
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56%|          | 5704/10236 [10:17<04:45, 15.86it/s]

56%|          | 5706/10236 [10:17<04:31, 16.68it/s]

56%|          | 5708/10236 [10:17<04:35, 16.41it/s]

56%|          | 5710/10236 [10:17<04:50, 15.55it/s]

56%|          | 5712/10236 [10:18<05:04, 14.85it/s]

56%|          | 5714/10236 [10:18<07:07, 10.57it/s]

56%|          | 5716/10236 [10:18<08:58,  8.39it/s]

56%|          | 5718/10236 [10:19<09:45,  7.72it/s]

56%|          | 5719/10236 [10:19<10:03,  7.48it/s]

56%|          | 5720/10236 [10:19<10:53,  6.91it/s]

56%|          | 5721/10236 [10:19<11:04,  6.80it/s]

56%|          | 5722/10236 [10:19<11:21,  6.62it/s]

56%|          | 5723/10236 [10:19<11:54,  6.32it/s]

56%|          | 5724/10236 [10:20<11:39,  6.45it/s]

56%|          | 5725/10236 [10:20<12:26,  6.04it/s]

56%|          | 5726/10236 [10:20<12:12,  6.16it/s]

56%|          | 5727/10236 [10:20<12:16,  6.12it/s]

56%|          | 5728/10236 [10:20<12:43,  5.91it/s]

56%|          | 5729/10236 [10:20<12:20,  6.08it/s]

56%|          | 5730/10236 [10:21<11:57,  6.28it/s]

56%|          | 5731/10236 [10:21<12:12,  6.15it/s]

56%|          | 5734/10236 [10:21<09:38,  7.79it/s]

56%|          | 5736/10236 [10:21<08:01,  9.34it/s]

56%|          | 5738/10236 [10:21<06:53, 10.89it/s]
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56%|        | 5740/10236 [10:21<06:09, 12.16it/s]

56%|        | 5742/10236 [10:21<05:40, 13.19it/s]

56%|        | 5744/10236 [10:21<05:25, 13.80it/s]

56%|        | 5746/10236 [10:22<05:00, 14.94it/s]

56%|        | 5748/10236 [10:22<04:51, 15.38it/s]

56%|        | 5750/10236 [10:22<04:41, 15.96it/s]

56%|        | 5752/10236 [10:22<04:34, 16.35it/s]

56%|        | 5754/10236 [10:22<04:42, 15.85it/s]

56%|        | 5756/10236 [10:22<05:50, 12.77it/s]

56%|        | 5758/10236 [10:23<07:57,  9.38it/s]

56%|        | 5760/10236 [10:23<09:33,  7.80it/s]

56%|        | 5761/10236 [10:23<10:18,  7.24it/s]

56%|        | 5762/10236 [10:23<10:36,  7.03it/s]

56%|        | 5763/10236 [10:24<11:40,  6.38it/s]

56%|        | 5764/10236 [10:24<11:26,  6.52it/s]

56%|        | 5765/10236 [10:24<12:08,  6.13it/s]

56%|        | 5767/10236 [10:24<09:41,  7.68it/s]

56%|        | 5769/10236 [10:24<08:02,  9.25it/s]

56%|        | 5771/10236 [10:24<06:50, 10.88it/s]

56%|        | 5773/10236 [10:24<06:14, 11.91it/s]

56%|        | 5775/10236 [10:24<05:43, 12.99it/s]

56%|        | 5777/10236 [10:25<05:27, 13.61it/s]

56%|        | 5779/10236 [10:25<05:16, 14.09it/s]

56%|        | 5781/10236 [10:25<04:50, 15.32it/s]
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56%|        | 5783/10236 [10:25<04:44, 15.68it/s]

57%|        | 5785/10236 [10:25<04:52, 15.21it/s]

57%|        | 5787/10236 [10:25<04:55, 15.08it/s]

57%|        | 5789/10236 [10:25<04:44, 15.65it/s]

57%|        | 5791/10236 [10:26<06:31, 11.36it/s]

57%|        | 5793/10236 [10:26<08:03,  9.20it/s]

57%|        | 5795/10236 [10:26<09:03,  8.17it/s]

57%|        | 5796/10236 [10:26<09:29,  7.80it/s]

57%|        | 5797/10236 [10:26<09:44,  7.60it/s]

57%|        | 5798/10236 [10:27<10:43,  6.89it/s]

57%|        | 5799/10236 [10:27<10:29,  7.05it/s]

57%|        | 5801/10236 [10:27<08:32,  8.65it/s]

57%|        | 5803/10236 [10:27<08:10,  9.04it/s]

57%|        | 5805/10236 [10:27<07:35,  9.74it/s]

57%|        | 5807/10236 [10:27<06:38, 11.11it/s]

57%|        | 5809/10236 [10:28<06:15, 11.80it/s]

57%|        | 5811/10236 [10:28<05:46, 12.76it/s]

57%|        | 5813/10236 [10:28<05:28, 13.46it/s]

57%|        | 5815/10236 [10:28<05:07, 14.37it/s]

57%|        | 5817/10236 [10:28<04:54, 15.02it/s]

57%|        | 5819/10236 [10:28<04:48, 15.31it/s]

57%|        | 5821/10236 [10:28<04:58, 14.80it/s]

57%|        | 5823/10236 [10:29<06:44, 10.92it/s]

57%|        | 5825/10236 [10:29<08:07,  9.04it/s]
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696

```
57%|          | 5827/10236 [10:29<09:14,  7.94it/s]

57%|          | 5828/10236 [10:29<09:33,  7.69it/s]

57%|          | 5829/10236 [10:30<09:48,  7.48it/s]

57%|          | 5830/10236 [10:30<11:14,  6.53it/s]

57%|          | 5832/10236 [10:30<09:31,  7.71it/s]

57%|          | 5834/10236 [10:30<07:55,  9.26it/s]

57%|          | 5836/10236 [10:30<06:49, 10.74it/s]

57%|          | 5838/10236 [10:30<06:07, 11.97it/s]

57%|          | 5840/10236 [10:30<05:39, 12.95it/s]

57%|          | 5842/10236 [10:30<05:17, 13.84it/s]

57%|          | 5844/10236 [10:31<05:17, 13.83it/s]

57%|          | 5846/10236 [10:31<05:03, 14.44it/s]

57%|          | 5848/10236 [10:31<04:48, 15.20it/s]

57%|          | 5850/10236 [10:31<04:39, 15.72it/s]

57%|          | 5852/10236 [10:31<04:32, 16.11it/s]

57%|          | 5854/10236 [10:31<04:30, 16.20it/s]

57%|          | 5856/10236 [10:32<06:36, 11.05it/s]

57%|          | 5858/10236 [10:32<07:40,  9.52it/s]

57%|          | 5860/10236 [10:32<08:45,  8.32it/s]

57%|          | 5862/10236 [10:32<09:42,  7.51it/s]

57%|          | 5863/10236 [10:33<10:29,  6.95it/s]

57%|          | 5864/10236 [10:33<10:13,  7.13it/s]

57%|          | 5867/10236 [10:33<08:16,  8.80it/s]

57%|          | 5869/10236 [10:33<07:09, 10.17it/s]
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57%|         | 5871/10236 [10:33<06:33, 11.10it/s]

57%|         | 5873/10236 [10:33<05:52, 12.38it/s]

57%|         | 5875/10236 [10:33<05:16, 13.76it/s]

57%|         | 5877/10236 [10:34<05:04, 14.32it/s]

57%|         | 5879/10236 [10:34<04:55, 14.73it/s]

57%|         | 5881/10236 [10:34<04:55, 14.73it/s]

57%|         | 5883/10236 [10:34<04:54, 14.78it/s]

57%|         | 5885/10236 [10:34<04:34, 15.85it/s]

58%|         | 5887/10236 [10:34<04:33, 15.89it/s]

58%|         | 5889/10236 [10:34<06:20, 11.42it/s]

58%|         | 5891/10236 [10:35<08:49,  8.20it/s]

58%|         | 5893/10236 [10:35<10:28,  6.91it/s]

58%|         | 5894/10236 [10:35<11:12,  6.45it/s]

58%|         | 5895/10236 [10:36<10:52,  6.66it/s]

58%|         | 5896/10236 [10:36<10:53,  6.64it/s]

58%|         | 5898/10236 [10:36<08:43,  8.29it/s]

58%|         | 5900/10236 [10:36<07:13,  9.99it/s]

58%|         | 5902/10236 [10:36<06:16, 11.52it/s]

58%|         | 5904/10236 [10:36<05:38, 12.79it/s]

58%|         | 5906/10236 [10:36<05:04, 14.21it/s]

58%|         | 5908/10236 [10:36<04:45, 15.16it/s]

58%|         | 5910/10236 [10:36<04:38, 15.51it/s]

58%|         | 5912/10236 [10:37<04:38, 15.50it/s]

58%|         | 5914/10236 [10:37<04:20, 16.58it/s]
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58%|          | 5916/10236 [10:37<04:21, 16.53it/s]

58%|          | 5918/10236 [10:37<04:20, 16.59it/s]

58%|          | 5920/10236 [10:37<04:29, 16.01it/s]

58%|          | 5922/10236 [10:37<04:28, 16.09it/s]

58%|          | 5924/10236 [10:38<06:53, 10.42it/s]

58%|          | 5926/10236 [10:38<08:35,  8.36it/s]

58%|          | 5928/10236 [10:38<09:54,  7.25it/s]

58%|          | 5929/10236 [10:38<10:14,  7.01it/s]

58%|          | 5930/10236 [10:39<10:05,  7.11it/s]

58%|          | 5931/10236 [10:39<09:38,  7.45it/s]

58%|          | 5934/10236 [10:39<07:47,  9.21it/s]

58%|          | 5936/10236 [10:39<06:35, 10.86it/s]

58%|          | 5939/10236 [10:39<05:43, 12.51it/s]

58%|          | 5941/10236 [10:39<05:21, 13.36it/s]

58%|          | 5943/10236 [10:39<05:03, 14.16it/s]

58%|          | 5945/10236 [10:39<04:55, 14.52it/s]

58%|          | 5947/10236 [10:40<04:38, 15.39it/s]

58%|          | 5949/10236 [10:40<04:44, 15.09it/s]

58%|          | 5951/10236 [10:40<04:25, 16.11it/s]

58%|          | 5953/10236 [10:40<04:22, 16.31it/s]

58%|          | 5955/10236 [10:40<04:31, 15.78it/s]

58%|          | 5957/10236 [10:40<06:05, 11.71it/s]

58%|          | 5959/10236 [10:41<07:09,  9.95it/s]

58%|          | 5961/10236 [10:41<08:12,  8.68it/s]
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58%|        | 5963/10236 [10:41<09:06,  7.82it/s]

58%|        | 5964/10236 [10:41<09:30,  7.49it/s]

58%|        | 5965/10236 [10:42<10:26,  6.82it/s]

58%|        | 5967/10236 [10:42<08:38,  8.23it/s]

58%|        | 5969/10236 [10:42<07:17,  9.76it/s]

58%|        | 5971/10236 [10:42<06:16, 11.32it/s]

58%|        | 5973/10236 [10:42<05:38, 12.60it/s]

58%|        | 5975/10236 [10:42<05:03, 14.04it/s]

58%|        | 5977/10236 [10:42<04:45, 14.93it/s]

58%|        | 5979/10236 [10:42<04:34, 15.51it/s]

58%|        | 5981/10236 [10:42<04:27, 15.93it/s]

58%|        | 5983/10236 [10:43<04:15, 16.62it/s]

58%|        | 5985/10236 [10:43<04:11, 16.92it/s]

58%|        | 5987/10236 [10:43<04:09, 17.06it/s]

59%|        | 5989/10236 [10:43<04:08, 17.12it/s]

59%|        | 5991/10236 [10:43<04:03, 17.43it/s]

59%|        | 5993/10236 [10:43<05:56, 11.90it/s]

59%|        | 5995/10236 [10:44<07:23,  9.56it/s]

59%|        | 5997/10236 [10:44<08:22,  8.43it/s]

59%|        | 5999/10236 [10:44<08:43,  8.10it/s]

59%|        | 6000/10236 [10:44<09:52,  7.15it/s]

59%|        | 6001/10236 [10:45<10:15,  6.88it/s]

59%|        | 6003/10236 [10:45<08:22,  8.42it/s]

59%|        | 6005/10236 [10:45<07:03,  9.99it/s]
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59%|          | 6008/10236 [10:45<06:04, 11.61it/s]

59%|          | 6010/10236 [10:45<06:06, 11.55it/s]

59%|          | 6012/10236 [10:45<05:45, 12.21it/s]

59%|          | 6014/10236 [10:45<05:41, 12.38it/s]

59%|          | 6016/10236 [10:46<05:46, 12.17it/s]

59%|          | 6018/10236 [10:46<05:20, 13.15it/s]

59%|          | 6020/10236 [10:46<04:58, 14.14it/s]

59%|          | 6022/10236 [10:46<04:58, 14.10it/s]

59%|          | 6024/10236 [10:46<05:44, 12.24it/s]

59%|          | 6026/10236 [10:46<07:19,  9.57it/s]

59%|          | 6028/10236 [10:47<07:53,  8.88it/s]

59%|          | 6030/10236 [10:47<08:59,  7.79it/s]

59%|          | 6031/10236 [10:47<09:15,  7.57it/s]

59%|          | 6032/10236 [10:47<10:18,  6.80it/s]

59%|          | 6033/10236 [10:48<10:38,  6.58it/s]

59%|          | 6034/10236 [10:48<10:10,  6.88it/s]

59%|          | 6036/10236 [10:48<08:14,  8.50it/s]

59%|          | 6038/10236 [10:48<06:57, 10.06it/s]

59%|          | 6040/10236 [10:48<06:11, 11.30it/s]

59%|          | 6042/10236 [10:48<05:41, 12.27it/s]

59%|          | 6044/10236 [10:48<05:12, 13.41it/s]

59%|          | 6046/10236 [10:48<05:07, 13.62it/s]

59%|          | 6048/10236 [10:49<05:05, 13.69it/s]

59%|          | 6050/10236 [10:49<04:59, 13.98it/s]
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59%|          | 6052/10236 [10:49<04:55, 14.16it/s]

59%|          | 6054/10236 [10:49<04:46, 14.57it/s]

59%|          | 6056/10236 [10:49<04:43, 14.76it/s]

59%|          | 6058/10236 [10:49<05:57, 11.67it/s]

59%|          | 6060/10236 [10:50<07:09,  9.73it/s]

59%|          | 6062/10236 [10:50<08:21,  8.32it/s]

59%|          | 6063/10236 [10:50<09:46,  7.12it/s]

59%|          | 6064/10236 [10:50<10:06,  6.87it/s]

59%|          | 6065/10236 [10:50<10:15,  6.77it/s]

59%|          | 6066/10236 [10:51<11:13,  6.19it/s]

59%|          | 6067/10236 [10:51<10:32,  6.60it/s]

59%|          | 6069/10236 [10:51<08:30,  8.16it/s]

59%|          | 6071/10236 [10:51<07:05,  9.80it/s]

59%|          | 6073/10236 [10:51<06:01, 11.51it/s]

59%|          | 6075/10236 [10:51<05:31, 12.56it/s]

59%|          | 6077/10236 [10:51<05:18, 13.06it/s]

59%|          | 6079/10236 [10:51<05:09, 13.45it/s]

59%|          | 6081/10236 [10:52<04:39, 14.87it/s]

59%|          | 6083/10236 [10:52<04:31, 15.27it/s]

59%|          | 6085/10236 [10:52<04:36, 15.02it/s]

59%|          | 6087/10236 [10:52<04:31, 15.30it/s]

59%|          | 6089/10236 [10:52<04:38, 14.91it/s]

60%|          | 6091/10236 [10:52<04:18, 16.03it/s]

60%|          | 6093/10236 [10:53<06:16, 11.00it/s]
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60%|        | 6095/10236 [10:53<07:37,  9.06it/s]

60%|        | 6097/10236 [10:53<08:43,  7.91it/s]

60%|        | 6098/10236 [10:53<09:14,  7.46it/s]

60%|        | 6099/10236 [10:53<09:32,  7.23it/s]

60%|        | 6100/10236 [10:54<10:43,  6.43it/s]

60%|        | 6101/10236 [10:54<10:19,  6.67it/s]

60%|        | 6102/10236 [10:54<09:23,  7.33it/s]

60%|        | 6105/10236 [10:54<07:35,  9.08it/s]

60%|        | 6108/10236 [10:54<06:24, 10.73it/s]

60%|        | 6110/10236 [10:54<05:37, 12.22it/s]

60%|        | 6112/10236 [10:54<05:02, 13.65it/s]

60%|        | 6114/10236 [10:55<04:52, 14.10it/s]

60%|        | 6116/10236 [10:55<04:33, 15.07it/s]

60%|        | 6118/10236 [10:55<04:23, 15.61it/s]

60%|        | 6120/10236 [10:55<04:06, 16.69it/s]

60%|        | 6122/10236 [10:55<04:11, 16.38it/s]

60%|        | 6124/10236 [10:55<04:11, 16.37it/s]

60%|        | 6126/10236 [10:55<04:15, 16.06it/s]

60%|        | 6128/10236 [10:55<04:43, 14.48it/s]

60%|        | 6130/10236 [10:56<06:21, 10.77it/s]

60%|        | 6132/10236 [10:56<07:44,  8.84it/s]

60%|        | 6134/10236 [10:56<08:33,  7.99it/s]

60%|        | 6135/10236 [10:57<08:49,  7.75it/s]

60%|        | 6136/10236 [10:57<10:15,  6.66it/s]
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60%|          | 6137/10236 [10:57<11:55,  5.73it/s]

60%|          | 6139/10236 [10:57<10:12,  6.69it/s]

60%|          | 6141/10236 [10:57<08:15,  8.26it/s]

60%|          | 6143/10236 [10:57<07:09,  9.54it/s]

60%|          | 6145/10236 [10:58<06:20, 10.74it/s]

60%|          | 6147/10236 [10:58<05:56, 11.48it/s]

60%|          | 6149/10236 [10:58<05:30, 12.36it/s]

60%|          | 6151/10236 [10:58<04:56, 13.78it/s]

60%|          | 6153/10236 [10:58<04:39, 14.61it/s]

60%|          | 6155/10236 [10:58<04:38, 14.63it/s]

60%|          | 6157/10236 [10:58<04:26, 15.30it/s]

60%|          | 6159/10236 [10:58<04:10, 16.26it/s]

60%|          | 6161/10236 [10:59<05:25, 12.54it/s]

60%|          | 6163/10236 [10:59<07:06,  9.55it/s]

60%|          | 6165/10236 [10:59<08:16,  8.20it/s]

60%|          | 6167/10236 [11:00<09:40,  7.01it/s]

60%|          | 6168/10236 [11:00<11:50,  5.73it/s]

60%|          | 6169/10236 [11:00<11:32,  5.87it/s]

60%|          | 6171/10236 [11:00<09:11,  7.37it/s]

60%|          | 6173/10236 [11:00<07:30,  9.02it/s]

60%|          | 6175/10236 [11:00<06:20, 10.67it/s]

60%|          | 6177/10236 [11:01<05:40, 11.94it/s]

60%|          | 6179/10236 [11:01<05:13, 12.96it/s]

60%|          | 6181/10236 [11:01<05:02, 13.42it/s]
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60%|          | 6183/10236 [11:01<04:43, 14.31it/s]

60%|          | 6185/10236 [11:01<04:39, 14.50it/s]

60%|          | 6187/10236 [11:01<04:22, 15.42it/s]

60%|          | 6189/10236 [11:01<04:36, 14.66it/s]

60%|          | 6191/10236 [11:01<04:22, 15.42it/s]

61%|          | 6193/10236 [11:02<04:23, 15.37it/s]

61%|          | 6195/10236 [11:02<06:35, 10.21it/s]

61%|          | 6197/10236 [11:02<08:23,  8.02it/s]

61%|          | 6199/10236 [11:03<10:16,  6.55it/s]

61%|          | 6200/10236 [11:03<10:29,  6.42it/s]

61%|          | 6201/10236 [11:03<11:00,  6.11it/s]

61%|          | 6203/10236 [11:03<09:04,  7.40it/s]

61%|          | 6206/10236 [11:03<07:24,  9.08it/s]

61%|          | 6209/10236 [11:03<06:11, 10.84it/s]

61%|          | 6211/10236 [11:04<05:28, 12.26it/s]

61%|          | 6214/10236 [11:04<04:52, 13.74it/s]

61%|          | 6216/10236 [11:04<04:35, 14.59it/s]

61%|          | 6218/10236 [11:04<04:17, 15.57it/s]

61%|          | 6220/10236 [11:04<04:21, 15.39it/s]

61%|          | 6222/10236 [11:04<04:12, 15.91it/s]

61%|          | 6224/10236 [11:04<04:07, 16.19it/s]

61%|          | 6226/10236 [11:04<04:02, 16.51it/s]

61%|          | 6228/10236 [11:05<04:15, 15.69it/s]

61%|          | 6230/10236 [11:05<06:27, 10.33it/s]
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61%|          | 6232/10236 [11:05<08:14,  8.10it/s]

61%|          | 6234/10236 [11:06<09:07,  7.30it/s]

61%|          | 6235/10236 [11:06<10:00,  6.66it/s]

61%|          | 6236/10236 [11:06<09:47,  6.81it/s]

61%|          | 6237/10236 [11:06<08:54,  7.48it/s]

61%|          | 6239/10236 [11:06<07:16,  9.16it/s]

61%|          | 6242/10236 [11:06<06:07, 10.87it/s]

61%|          | 6244/10236 [11:06<05:26, 12.24it/s]

61%|          | 6246/10236 [11:07<05:02, 13.20it/s]

61%|          | 6248/10236 [11:07<04:35, 14.45it/s]

61%|          | 6250/10236 [11:07<04:20, 15.29it/s]

61%|          | 6252/10236 [11:07<04:09, 15.95it/s]

61%|          | 6254/10236 [11:07<03:57, 16.78it/s]

61%|          | 6256/10236 [11:07<03:57, 16.72it/s]

61%|          | 6258/10236 [11:07<04:09, 15.95it/s]

61%|          | 6260/10236 [11:07<04:23, 15.07it/s]

61%|          | 6262/10236 [11:08<05:31, 12.00it/s]

61%|          | 6264/10236 [11:08<06:49,  9.69it/s]

61%|          | 6266/10236 [11:08<07:52,  8.41it/s]

61%|          | 6267/10236 [11:08<09:00,  7.35it/s]

61%|          | 6268/10236 [11:09<09:02,  7.32it/s]

61%|          | 6269/10236 [11:09<09:23,  7.05it/s]

61%|          | 6270/10236 [11:09<10:03,  6.58it/s]

61%|          | 6272/10236 [11:09<08:31,  7.75it/s]
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61%|         | 6274/10236 [11:09<07:32,  8.75it/s]

61%|         | 6276/10236 [11:09<06:29, 10.15it/s]

61%|         | 6278/10236 [11:09<05:50, 11.31it/s]

61%|         | 6280/10236 [11:10<05:21, 12.32it/s]

61%|         | 6282/10236 [11:10<04:57, 13.30it/s]

61%|         | 6284/10236 [11:10<04:44, 13.90it/s]

61%|         | 6286/10236 [11:10<04:41, 14.05it/s]

61%|         | 6288/10236 [11:10<04:37, 14.24it/s]

61%|         | 6290/10236 [11:10<04:28, 14.71it/s]

61%|         | 6292/10236 [11:10<04:23, 14.96it/s]

61%|         | 6294/10236 [11:11<06:10, 10.63it/s]

62%|         | 6296/10236 [11:11<08:05,  8.11it/s]

62%|         | 6298/10236 [11:11<08:55,  7.35it/s]

62%|         | 6299/10236 [11:12<09:15,  7.08it/s]

62%|         | 6300/10236 [11:12<10:59,  5.97it/s]

62%|         | 6301/10236 [11:12<11:38,  5.63it/s]

62%|         | 6303/10236 [11:12<09:29,  6.90it/s]

62%|         | 6305/10236 [11:12<07:37,  8.59it/s]

62%|         | 6307/10236 [11:12<06:27, 10.13it/s]

62%|         | 6309/10236 [11:12<05:41, 11.50it/s]

62%|         | 6311/10236 [11:13<05:08, 12.71it/s]

62%|         | 6313/10236 [11:13<04:47, 13.66it/s]

62%|         | 6315/10236 [11:13<04:31, 14.43it/s]

62%|         | 6317/10236 [11:13<04:30, 14.50it/s]
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62%|          | 6319/10236 [11:13<04:30, 14.45it/s]

62%|          | 6321/10236 [11:13<04:32, 14.35it/s]

62%|          | 6323/10236 [11:13<04:27, 14.62it/s]

62%|          | 6325/10236 [11:14<04:17, 15.22it/s]

62%|          | 6327/10236 [11:14<05:44, 11.35it/s]

62%|          | 6329/10236 [11:14<07:03,  9.23it/s]

62%|          | 6331/10236 [11:14<08:43,  7.46it/s]

62%|          | 6332/10236 [11:15<10:28,  6.21it/s]

62%|          | 6333/10236 [11:15<11:20,  5.73it/s]

62%|          | 6334/10236 [11:15<11:24,  5.70it/s]

62%|          | 6336/10236 [11:15<09:14,  7.03it/s]

62%|          | 6338/10236 [11:15<07:47,  8.33it/s]

62%|          | 6340/10236 [11:15<06:36,  9.82it/s]

62%|          | 6342/10236 [11:16<05:58, 10.85it/s]

62%|          | 6344/10236 [11:16<05:40, 11.44it/s]

62%|          | 6346/10236 [11:16<05:14, 12.35it/s]

62%|          | 6348/10236 [11:16<04:51, 13.35it/s]

62%|          | 6350/10236 [11:16<04:46, 13.54it/s]

62%|          | 6352/10236 [11:16<04:41, 13.77it/s]

62%|          | 6354/10236 [11:16<04:35, 14.07it/s]

62%|          | 6356/10236 [11:17<04:20, 14.90it/s]

62%|          | 6358/10236 [11:17<05:05, 12.71it/s]

62%|          | 6360/10236 [11:17<06:47,  9.52it/s]

62%|          | 6362/10236 [11:17<07:59,  8.08it/s]
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62%|          | 6363/10236 [11:18<08:13,  7.85it/s]

62%|          | 6364/10236 [11:18<09:03,  7.12it/s]

62%|          | 6365/10236 [11:18<09:00,  7.16it/s]

62%|          | 6366/10236 [11:18<09:59,  6.45it/s]

62%|          | 6369/10236 [11:18<07:56,  8.12it/s]

62%|          | 6371/10236 [11:18<06:35,  9.77it/s]

62%|          | 6373/10236 [11:18<05:48, 11.07it/s]

62%|          | 6375/10236 [11:19<05:08, 12.50it/s]

62%|          | 6377/10236 [11:19<04:51, 13.24it/s]

62%|          | 6379/10236 [11:19<04:42, 13.66it/s]

62%|          | 6381/10236 [11:19<04:29, 14.30it/s]

62%|          | 6383/10236 [11:19<04:12, 15.26it/s]

62%|          | 6385/10236 [11:19<04:14, 15.12it/s]

62%|          | 6387/10236 [11:19<04:26, 14.42it/s]

62%|          | 6389/10236 [11:20<04:38, 13.81it/s]

62%|          | 6391/10236 [11:20<05:52, 10.91it/s]

62%|          | 6393/10236 [11:20<06:42,  9.55it/s]

62%|          | 6395/10236 [11:20<07:36,  8.42it/s]

62%|          | 6396/10236 [11:21<08:44,  7.33it/s]

62%|          | 6397/10236 [11:21<08:51,  7.22it/s]

63%|          | 6398/10236 [11:21<08:54,  7.18it/s]

63%|          | 6399/10236 [11:21<09:52,  6.48it/s]

63%|          | 6401/10236 [11:21<08:00,  7.98it/s]

63%|          | 6404/10236 [11:21<06:34,  9.70it/s]
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63%|          | 6406/10236 [11:21<05:48, 10.98it/s]

63%|          | 6409/10236 [11:22<05:03, 12.60it/s]

63%|          | 6411/10236 [11:22<04:33, 13.98it/s]

63%|          | 6413/10236 [11:22<04:13, 15.09it/s]

63%|          | 6415/10236 [11:22<04:10, 15.25it/s]

63%|          | 6417/10236 [11:22<04:01, 15.84it/s]

63%|          | 6419/10236 [11:22<03:56, 16.17it/s]

63%|          | 6421/10236 [11:22<03:51, 16.47it/s]

63%|          | 6423/10236 [11:22<03:41, 17.18it/s]

63%|          | 6425/10236 [11:22<03:49, 16.61it/s]

63%|          | 6427/10236 [11:23<05:22, 11.81it/s]

63%|          | 6429/10236 [11:23<06:36,  9.60it/s]

63%|          | 6431/10236 [11:23<07:32,  8.40it/s]

63%|          | 6433/10236 [11:24<07:55,  7.99it/s]

63%|          | 6434/10236 [11:24<08:50,  7.16it/s]

63%|          | 6435/10236 [11:24<08:53,  7.12it/s]

63%|          | 6437/10236 [11:24<07:19,  8.64it/s]

63%|          | 6439/10236 [11:24<06:06, 10.36it/s]

63%|          | 6441/10236 [11:24<05:16, 11.99it/s]

63%|          | 6444/10236 [11:24<04:41, 13.49it/s]

63%|          | 6446/10236 [11:25<04:26, 14.23it/s]

63%|          | 6448/10236 [11:25<04:04, 15.50it/s]

63%|          | 6450/10236 [11:25<04:00, 15.74it/s]

63%|          | 6452/10236 [11:25<03:55, 16.10it/s]
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63%|          | 6454/10236 [11:25<03:54, 16.12it/s]

63%|          | 6456/10236 [11:25<03:51, 16.35it/s]

63%|          | 6458/10236 [11:25<03:49, 16.49it/s]

63%|          | 6460/10236 [11:25<03:50, 16.39it/s]

63%|          | 6462/10236 [11:26<04:40, 13.44it/s]

63%|          | 6464/10236 [11:26<06:08, 10.24it/s]

63%|          | 6466/10236 [11:26<07:11,  8.74it/s]

63%|          | 6468/10236 [11:27<07:53,  7.97it/s]

63%|          | 6469/10236 [11:27<08:11,  7.67it/s]

63%|          | 6470/10236 [11:27<08:32,  7.35it/s]

63%|          | 6471/10236 [11:27<08:30,  7.38it/s]

63%|          | 6473/10236 [11:27<06:55,  9.06it/s]

63%|          | 6476/10236 [11:27<05:47, 10.82it/s]

63%|          | 6478/10236 [11:27<05:10, 12.10it/s]

63%|          | 6480/10236 [11:27<04:36, 13.59it/s]

63%|          | 6482/10236 [11:28<04:13, 14.80it/s]

63%|          | 6484/10236 [11:28<04:00, 15.60it/s]

63%|          | 6486/10236 [11:28<03:59, 15.65it/s]

63%|          | 6488/10236 [11:28<03:51, 16.17it/s]

63%|          | 6490/10236 [11:28<03:56, 15.81it/s]

63%|          | 6492/10236 [11:28<03:55, 15.87it/s]

63%|          | 6494/10236 [11:28<03:56, 15.84it/s]

63%|          | 6496/10236 [11:28<03:51, 16.13it/s]

63%|          | 6498/10236 [11:29<05:23, 11.55it/s]
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64%|          | 6500/10236 [11:29<06:41,  9.30it/s]

64%|          | 6502/10236 [11:29<07:25,  8.37it/s]

64%|          | 6504/10236 [11:30<08:41,  7.15it/s]

64%|          | 6505/10236 [11:30<11:08,  5.58it/s]

64%|          | 6506/10236 [11:30<10:02,  6.19it/s]

64%|          | 6508/10236 [11:30<08:00,  7.75it/s]

64%|          | 6510/10236 [11:30<06:39,  9.32it/s]

64%|          | 6512/10236 [11:30<05:38, 10.99it/s]

64%|          | 6514/10236 [11:31<05:12, 11.91it/s]

64%|          | 6516/10236 [11:31<04:38, 13.34it/s]

64%|          | 6518/10236 [11:31<04:14, 14.60it/s]

64%|          | 6520/10236 [11:31<04:00, 15.42it/s]

64%|          | 6522/10236 [11:31<03:53, 15.93it/s]

64%|          | 6524/10236 [11:31<03:43, 16.64it/s]

64%|          | 6526/10236 [11:31<03:50, 16.10it/s]

64%|          | 6528/10236 [11:31<03:57, 15.61it/s]

64%|          | 6530/10236 [11:31<04:09, 14.88it/s]

64%|          | 6532/10236 [11:32<05:41, 10.86it/s]

64%|          | 6534/10236 [11:32<06:30,  9.48it/s]

64%|          | 6536/10236 [11:32<07:32,  8.17it/s]

64%|          | 6537/10236 [11:33<08:32,  7.22it/s]

64%|          | 6538/10236 [11:33<09:26,  6.53it/s]

64%|          | 6539/10236 [11:33<10:41,  5.76it/s]

64%|          | 6541/10236 [11:33<08:25,  7.31it/s]
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64%|        | 6543/10236 [11:33<06:55,  8.89it/s]

64%|        | 6545/10236 [11:33<05:55, 10.38it/s]

64%|        | 6547/10236 [11:33<05:59, 10.26it/s]

64%|        | 6549/10236 [11:34<06:56,  8.86it/s]

64%|        | 6551/10236 [11:34<06:37,  9.28it/s]

64%|        | 6553/10236 [11:34<07:20,  8.36it/s]

64%|        | 6555/10236 [11:35<08:05,  7.58it/s]

64%|        | 6556/10236 [11:35<12:50,  4.77it/s]

64%|        | 6557/10236 [11:35<17:50,  3.44it/s]

64%|        | 6558/10236 [11:36<20:49,  2.94it/s]

64%|        | 6559/10236 [11:36<18:31,  3.31it/s]

64%|        | 6560/10236 [11:36<15:30,  3.95it/s]

64%|        | 6561/10236 [11:36<13:30,  4.53it/s]

64%|        | 6562/10236 [11:37<11:59,  5.11it/s]

64%|        | 6563/10236 [11:37<10:58,  5.58it/s]

64%|        | 6564/10236 [11:37<10:52,  5.62it/s]

64%|        | 6565/10236 [11:37<10:42,  5.71it/s]

64%|        | 6566/10236 [11:37<10:43,  5.71it/s]

64%|        | 6567/10236 [11:37<10:41,  5.72it/s]

64%|        | 6568/10236 [11:38<10:18,  5.93it/s]

64%|        | 6569/10236 [11:38<10:09,  6.02it/s]

64%|        | 6570/10236 [11:38<09:49,  6.22it/s]

64%|        | 6571/10236 [11:38<10:04,  6.06it/s]

64%|        | 6572/10236 [11:38<10:01,  6.09it/s]
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64%|         | 6573/10236 [11:38<09:51,  6.19it/s]

64%|         | 6574/10236 [11:39<10:13,  5.97it/s]

64%|         | 6575/10236 [11:39<09:50,  6.21it/s]

64%|         | 6576/10236 [11:39<09:59,  6.10it/s]

64%|         | 6577/10236 [11:39<12:05,  5.04it/s]

64%|         | 6578/10236 [11:40<16:33,  3.68it/s]

64%|         | 6579/10236 [11:40<14:23,  4.24it/s]

64%|         | 6580/10236 [11:40<13:04,  4.66it/s]

64%|         | 6581/10236 [11:40<12:21,  4.93it/s]

64%|         | 6582/10236 [11:40<11:39,  5.22it/s]

64%|         | 6583/10236 [11:40<11:59,  5.08it/s]

64%|         | 6584/10236 [11:41<11:12,  5.43it/s]

64%|         | 6586/10236 [11:41<08:52,  6.85it/s]

64%|         | 6588/10236 [11:41<07:24,  8.21it/s]

64%|         | 6590/10236 [11:41<06:14,  9.74it/s]

64%|         | 6592/10236 [11:41<05:50, 10.41it/s]

64%|         | 6594/10236 [11:41<05:31, 11.00it/s]

64%|         | 6596/10236 [11:41<05:09, 11.76it/s]

64%|         | 6598/10236 [11:42<04:46, 12.68it/s]

64%|         | 6600/10236 [11:42<04:32, 13.34it/s]

64%|         | 6602/10236 [11:42<04:09, 14.58it/s]

65%|         | 6604/10236 [11:42<04:00, 15.13it/s]

65%|         | 6606/10236 [11:42<04:01, 15.04it/s]

65%|         | 6608/10236 [11:42<05:35, 10.82it/s]
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65%|         | 6610/10236 [11:43<06:34,  9.18it/s]

65%|         | 6612/10236 [11:43<07:34,  7.97it/s]

65%|         | 6613/10236 [11:43<08:00,  7.54it/s]

65%|         | 6614/10236 [11:43<08:22,  7.21it/s]

65%|         | 6615/10236 [11:43<09:18,  6.48it/s]

65%|         | 6616/10236 [11:44<09:11,  6.57it/s]

65%|         | 6617/10236 [11:44<08:41,  6.94it/s]

65%|         | 6619/10236 [11:44<07:02,  8.56it/s]

65%|         | 6621/10236 [11:44<06:01, 10.00it/s]

65%|         | 6623/10236 [11:44<05:26, 11.07it/s]

65%|         | 6625/10236 [11:44<05:04, 11.87it/s]

65%|         | 6627/10236 [11:44<04:52, 12.33it/s]

65%|         | 6629/10236 [11:45<04:40, 12.85it/s]

65%|         | 6631/10236 [11:45<04:22, 13.75it/s]

65%|         | 6633/10236 [11:45<04:12, 14.30it/s]

65%|         | 6635/10236 [11:45<04:03, 14.81it/s]

65%|         | 6637/10236 [11:45<04:07, 14.52it/s]

65%|         | 6639/10236 [11:45<03:57, 15.16it/s]

65%|         | 6641/10236 [11:45<05:42, 10.50it/s]

65%|         | 6643/10236 [11:46<06:36,  9.06it/s]

65%|         | 6645/10236 [11:46<07:38,  7.84it/s]

65%|         | 6646/10236 [11:46<08:45,  6.83it/s]

65%|         | 6647/10236 [11:46<08:47,  6.80it/s]

65%|         | 6648/10236 [11:47<09:23,  6.37it/s]
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65%|          | 6649/10236 [11:47<09:26,  6.33it/s]

65%|          | 6651/10236 [11:47<07:43,  7.73it/s]

65%|          | 6653/10236 [11:47<06:52,  8.68it/s]

65%|          | 6655/10236 [11:47<05:52, 10.16it/s]

65%|          | 6657/10236 [11:47<05:15, 11.34it/s]

65%|          | 6659/10236 [11:47<04:48, 12.39it/s]

65%|          | 6661/10236 [11:48<04:32, 13.13it/s]

65%|          | 6663/10236 [11:48<04:16, 13.94it/s]

65%|          | 6665/10236 [11:48<04:11, 14.22it/s]

65%|          | 6667/10236 [11:48<03:57, 15.01it/s]

65%|          | 6669/10236 [11:48<04:04, 14.60it/s]

65%|          | 6671/10236 [11:48<03:54, 15.18it/s]

65%|          | 6673/10236 [11:48<04:59, 11.89it/s]

65%|          | 6675/10236 [11:49<06:22,  9.32it/s]

65%|          | 6677/10236 [11:49<07:32,  7.87it/s]

65%|          | 6678/10236 [11:49<08:02,  7.38it/s]

65%|          | 6679/10236 [11:49<08:27,  7.01it/s]

65%|          | 6680/10236 [11:50<09:36,  6.17it/s]

65%|          | 6681/10236 [11:50<09:55,  5.97it/s]

65%|          | 6683/10236 [11:50<08:00,  7.39it/s]

65%|          | 6685/10236 [11:50<06:40,  8.87it/s]

65%|          | 6687/10236 [11:50<05:53, 10.03it/s]

65%|          | 6689/10236 [11:50<05:15, 11.25it/s]

65%|          | 6691/10236 [11:50<04:46, 12.37it/s]
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65%|         | 6693/10236 [11:51<04:35, 12.85it/s]

65%|         | 6695/10236 [11:51<04:22, 13.47it/s]

65%|         | 6697/10236 [11:51<04:09, 14.16it/s]

65%|         | 6699/10236 [11:51<04:08, 14.24it/s]

65%|         | 6701/10236 [11:51<04:04, 14.46it/s]

65%|         | 6703/10236 [11:51<04:05, 14.40it/s]

66%|         | 6705/10236 [11:51<04:30, 13.07it/s]

66%|         | 6707/10236 [11:52<06:01,  9.76it/s]

66%|         | 6709/10236 [11:52<07:13,  8.13it/s]

66%|         | 6710/10236 [11:52<07:54,  7.44it/s]

66%|         | 6711/10236 [11:52<08:42,  6.75it/s]

66%|         | 6712/10236 [11:53<08:32,  6.87it/s]

66%|         | 6713/10236 [11:53<09:21,  6.27it/s]

66%|         | 6714/10236 [11:53<09:07,  6.44it/s]

66%|         | 6716/10236 [11:53<07:21,  7.97it/s]

66%|         | 6718/10236 [11:53<06:05,  9.61it/s]

66%|         | 6720/10236 [11:53<05:19, 11.01it/s]

66%|         | 6723/10236 [11:53<04:36, 12.71it/s]

66%|         | 6725/10236 [11:54<04:11, 13.96it/s]

66%|         | 6727/10236 [11:54<03:57, 14.76it/s]

66%|         | 6729/10236 [11:54<03:51, 15.14it/s]

66%|         | 6731/10236 [11:54<03:41, 15.83it/s]

66%|         | 6733/10236 [11:54<03:42, 15.78it/s]

66%|         | 6735/10236 [11:54<03:49, 15.26it/s]
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66%|          | 6737/10236 [11:54<03:44, 15.60it/s]

66%|          | 6739/10236 [11:54<03:56, 14.77it/s]

66%|          | 6741/10236 [11:55<05:36, 10.40it/s]

66%|          | 6743/10236 [11:55<07:45,  7.51it/s]

66%|          | 6745/10236 [11:56<08:13,  7.08it/s]

66%|          | 6746/10236 [11:56<08:59,  6.47it/s]

66%|          | 6747/10236 [11:56<08:48,  6.61it/s]

66%|          | 6748/10236 [11:56<08:49,  6.58it/s]

66%|          | 6750/10236 [11:56<07:17,  7.96it/s]

66%|          | 6752/10236 [11:56<06:14,  9.31it/s]

66%|          | 6754/10236 [11:56<05:58,  9.72it/s]

66%|          | 6756/10236 [11:57<05:59,  9.67it/s]

66%|          | 6758/10236 [11:57<05:30, 10.53it/s]

66%|          | 6760/10236 [11:57<05:02, 11.50it/s]

66%|          | 6762/10236 [11:57<04:31, 12.82it/s]

66%|          | 6764/10236 [11:57<04:21, 13.26it/s]

66%|          | 6766/10236 [11:57<04:14, 13.63it/s]

66%|          | 6768/10236 [11:57<04:07, 14.00it/s]

66%|          | 6770/10236 [11:58<05:21, 10.77it/s]

66%|          | 6772/10236 [11:58<06:37,  8.71it/s]

66%|          | 6774/10236 [11:58<07:07,  8.10it/s]

66%|          | 6775/10236 [11:59<08:21,  6.90it/s]

66%|          | 6776/10236 [11:59<08:18,  6.94it/s]

66%|          | 6777/10236 [11:59<09:14,  6.24it/s]
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66%|          | 6778/10236 [11:59<09:07,  6.32it/s]

66%|          | 6780/10236 [11:59<07:38,  7.54it/s]

66%|          | 6782/10236 [11:59<06:21,  9.06it/s]

66%|          | 6784/10236 [11:59<05:41, 10.11it/s]

66%|          | 6786/10236 [12:00<04:57, 11.58it/s]

66%|          | 6788/10236 [12:00<04:22, 13.13it/s]

66%|          | 6790/10236 [12:00<04:08, 13.86it/s]

66%|          | 6792/10236 [12:00<04:02, 14.20it/s]

66%|          | 6794/10236 [12:00<03:45, 15.28it/s]

66%|          | 6796/10236 [12:00<03:43, 15.39it/s]

66%|          | 6798/10236 [12:00<03:42, 15.45it/s]

66%|          | 6800/10236 [12:00<03:38, 15.72it/s]

66%|          | 6802/10236 [12:01<03:33, 16.08it/s]

66%|          | 6804/10236 [12:01<04:43, 12.09it/s]

66%|          | 6806/10236 [12:01<06:09,  9.28it/s]

67%|          | 6808/10236 [12:01<07:03,  8.10it/s]

67%|          | 6809/10236 [12:02<07:19,  7.79it/s]

67%|          | 6810/10236 [12:02<08:13,  6.94it/s]

67%|          | 6811/10236 [12:02<08:17,  6.89it/s]

67%|          | 6812/10236 [12:02<09:02,  6.31it/s]

67%|          | 6814/10236 [12:02<07:24,  7.70it/s]

67%|          | 6817/10236 [12:02<06:01,  9.47it/s]

67%|          | 6819/10236 [12:03<05:06, 11.15it/s]

67%|          | 6821/10236 [12:03<04:31, 12.56it/s]
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67%|          | 6823/10236 [12:03<04:02, 14.07it/s]

67%|          | 6825/10236 [12:03<03:55, 14.50it/s]

67%|          | 6827/10236 [12:03<03:46, 15.04it/s]

67%|          | 6829/10236 [12:03<03:49, 14.84it/s]

67%|          | 6831/10236 [12:03<03:44, 15.18it/s]

67%|          | 6833/10236 [12:03<03:40, 15.42it/s]

67%|          | 6835/10236 [12:04<03:42, 15.28it/s]

67%|          | 6837/10236 [12:04<03:28, 16.30it/s]

67%|          | 6839/10236 [12:04<04:41, 12.06it/s]

67%|          | 6841/10236 [12:04<06:16,  9.01it/s]

67%|          | 6843/10236 [12:05<07:35,  7.45it/s]

67%|          | 6844/10236 [12:05<07:50,  7.20it/s]

67%|          | 6845/10236 [12:05<09:14,  6.12it/s]

67%|          | 6846/10236 [12:05<09:01,  6.26it/s]

67%|          | 6847/10236 [12:05<08:52,  6.36it/s]

67%|          | 6849/10236 [12:05<07:05,  7.95it/s]

67%|          | 6852/10236 [12:06<05:48,  9.71it/s]

67%|          | 6854/10236 [12:06<05:08, 10.97it/s]

67%|          | 6856/10236 [12:06<04:31, 12.47it/s]

67%|          | 6858/10236 [12:06<04:10, 13.49it/s]

67%|          | 6860/10236 [12:06<03:52, 14.49it/s]

67%|          | 6862/10236 [12:06<03:50, 14.65it/s]

67%|          | 6864/10236 [12:06<03:40, 15.31it/s]

67%|          | 6866/10236 [12:06<03:35, 15.61it/s]
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67%|          | 6868/10236 [12:07<03:44, 15.00it/s]

67%|          | 6870/10236 [12:07<03:43, 15.07it/s]

67%|          | 6872/10236 [12:07<04:03, 13.80it/s]

67%|          | 6874/10236 [12:07<05:22, 10.41it/s]

67%|          | 6876/10236 [12:07<06:25,  8.72it/s]

67%|          | 6878/10236 [12:08<07:15,  7.71it/s]

67%|          | 6879/10236 [12:08<08:10,  6.85it/s]

67%|          | 6880/10236 [12:08<08:25,  6.64it/s]

67%|          | 6881/10236 [12:08<08:19,  6.72it/s]

67%|          | 6882/10236 [12:08<07:29,  7.45it/s]

67%|          | 6884/10236 [12:08<06:10,  9.06it/s]

67%|          | 6886/10236 [12:09<05:13, 10.67it/s]

67%|          | 6889/10236 [12:09<04:35, 12.17it/s]

67%|          | 6891/10236 [12:09<04:12, 13.25it/s]

67%|          | 6893/10236 [12:09<03:54, 14.27it/s]

67%|          | 6895/10236 [12:09<03:45, 14.81it/s]

67%|          | 6897/10236 [12:09<03:32, 15.71it/s]

67%|          | 6899/10236 [12:09<03:26, 16.17it/s]

67%|          | 6901/10236 [12:09<03:23, 16.41it/s]

67%|          | 6903/10236 [12:10<03:27, 16.04it/s]

67%|          | 6905/10236 [12:10<03:27, 16.02it/s]

67%|          | 6907/10236 [12:10<03:57, 14.04it/s]

67%|          | 6909/10236 [12:10<05:34,  9.95it/s]

68%|          | 6911/10236 [12:11<06:25,  8.62it/s]
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68%|          | 6913/10236 [12:11<06:43,  8.23it/s]

68%|          | 6914/10236 [12:11<07:41,  7.19it/s]

68%|          | 6915/10236 [12:11<08:09,  6.78it/s]

68%|          | 6916/10236 [12:11<08:51,  6.25it/s]

68%|          | 6917/10236 [12:11<07:57,  6.94it/s]

68%|          | 6919/10236 [12:12<06:29,  8.51it/s]

68%|          | 6921/10236 [12:12<05:27, 10.12it/s]

68%|          | 6923/10236 [12:12<04:42, 11.74it/s]

68%|          | 6925/10236 [12:12<04:19, 12.77it/s]

68%|          | 6927/10236 [12:12<03:54, 14.13it/s]

68%|          | 6929/10236 [12:12<03:36, 15.24it/s]

68%|          | 6931/10236 [12:12<03:34, 15.41it/s]

68%|          | 6933/10236 [12:12<03:31, 15.61it/s]

68%|          | 6935/10236 [12:12<03:31, 15.62it/s]

68%|          | 6937/10236 [12:13<03:23, 16.18it/s]

68%|          | 6939/10236 [12:13<03:22, 16.29it/s]

68%|          | 6941/10236 [12:13<03:18, 16.57it/s]

68%|          | 6943/10236 [12:13<03:55, 13.98it/s]

68%|          | 6945/10236 [12:13<05:06, 10.75it/s]

68%|          | 6947/10236 [12:14<06:15,  8.76it/s]

68%|          | 6949/10236 [12:14<06:52,  7.96it/s]

68%|          | 6950/10236 [12:14<07:53,  6.95it/s]

68%|          | 6951/10236 [12:14<08:00,  6.83it/s]

68%|          | 6952/10236 [12:14<08:39,  6.32it/s]
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68%|          | 6955/10236 [12:15<06:52,  7.95it/s]

68%|          | 6957/10236 [12:15<05:46,  9.47it/s]

68%|          | 6959/10236 [12:15<05:00, 10.91it/s]

68%|          | 6961/10236 [12:15<04:38, 11.75it/s]

68%|          | 6963/10236 [12:15<04:07, 13.20it/s]

68%|          | 6965/10236 [12:15<03:55, 13.91it/s]

68%|          | 6967/10236 [12:15<03:38, 14.93it/s]

68%|          | 6969/10236 [12:15<03:26, 15.82it/s]

68%|          | 6971/10236 [12:16<03:19, 16.35it/s]

68%|          | 6973/10236 [12:16<03:19, 16.32it/s]

68%|          | 6975/10236 [12:16<03:24, 15.94it/s]

68%|          | 6977/10236 [12:16<03:28, 15.63it/s]

68%|          | 6979/10236 [12:16<04:45, 11.40it/s]

68%|          | 6981/10236 [12:17<05:51,  9.26it/s]

68%|          | 6983/10236 [12:17<06:28,  8.38it/s]

68%|          | 6984/10236 [12:17<07:29,  7.24it/s]

68%|          | 6985/10236 [12:17<07:39,  7.07it/s]

68%|          | 6986/10236 [12:17<09:45,  5.55it/s]

68%|          | 6987/10236 [12:18<09:39,  5.61it/s]

68%|          | 6989/10236 [12:18<07:37,  7.10it/s]

68%|          | 6991/10236 [12:18<06:13,  8.70it/s]

68%|          | 6993/10236 [12:18<05:12, 10.36it/s]

68%|          | 6995/10236 [12:18<04:32, 11.88it/s]

68%|          | 6997/10236 [12:18<04:17, 12.56it/s]
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68%|        | 6999/10236 [12:18<04:02, 13.36it/s]

68%|        | 7001/10236 [12:18<04:04, 13.25it/s]

68%|        | 7003/10236 [12:19<04:01, 13.41it/s]

68%|        | 7005/10236 [12:19<04:07, 13.07it/s]

68%|        | 7007/10236 [12:19<04:25, 12.16it/s]

68%|        | 7009/10236 [12:19<04:44, 11.36it/s]

68%|        | 7011/10236 [12:20<06:08,  8.75it/s]

69%|        | 7013/10236 [12:20<06:42,  8.00it/s]

69%|        | 7014/10236 [12:20<07:01,  7.64it/s]

69%|        | 7015/10236 [12:20<08:03,  6.67it/s]

69%|        | 7016/10236 [12:20<08:13,  6.52it/s]

69%|        | 7017/10236 [12:20<08:20,  6.44it/s]

69%|        | 7018/10236 [12:21<08:54,  6.02it/s]

69%|        | 7020/10236 [12:21<07:14,  7.40it/s]

69%|        | 7022/10236 [12:21<05:57,  8.99it/s]

69%|        | 7024/10236 [12:21<05:08, 10.43it/s]

69%|        | 7026/10236 [12:21<04:26, 12.06it/s]

69%|        | 7028/10236 [12:21<03:59, 13.37it/s]

69%|        | 7030/10236 [12:21<03:45, 14.21it/s]

69%|        | 7032/10236 [12:22<03:41, 14.47it/s]

69%|        | 7034/10236 [12:22<03:48, 13.99it/s]

69%|        | 7036/10236 [12:22<03:48, 14.01it/s]

69%|        | 7038/10236 [12:22<03:46, 14.10it/s]

69%|        | 7040/10236 [12:22<03:44, 14.21it/s]
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724

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69%|          | 7042/10236 [12:22<04:32, 11.70it/s]

69%|          | 7044/10236 [12:23<05:53,  9.04it/s]

69%|          | 7046/10236 [12:23<06:52,  7.73it/s]

69%|          | 7047/10236 [12:23<07:03,  7.52it/s]

69%|          | 7048/10236 [12:23<07:21,  7.22it/s]

69%|          | 7049/10236 [12:23<08:06,  6.56it/s]

69%|          | 7050/10236 [12:24<07:50,  6.77it/s]

69%|          | 7051/10236 [12:24<07:45,  6.84it/s]

69%|          | 7053/10236 [12:24<06:16,  8.44it/s]

69%|          | 7055/10236 [12:24<05:15, 10.10it/s]

69%|          | 7058/10236 [12:24<04:27, 11.89it/s]

69%|          | 7060/10236 [12:24<04:00, 13.20it/s]

69%|          | 7062/10236 [12:24<03:39, 14.43it/s]

69%|          | 7064/10236 [12:24<03:29, 15.15it/s]

69%|          | 7066/10236 [12:25<03:22, 15.67it/s]

69%|          | 7068/10236 [12:25<03:17, 16.07it/s]

69%|          | 7070/10236 [12:25<03:42, 14.24it/s]

69%|          | 7072/10236 [12:25<03:47, 13.89it/s]

69%|          | 7074/10236 [12:25<03:46, 13.93it/s]

69%|          | 7076/10236 [12:25<04:48, 10.95it/s]

69%|          | 7078/10236 [12:26<05:49,  9.03it/s]

69%|          | 7080/10236 [12:26<06:34,  8.01it/s]

69%|          | 7081/10236 [12:26<06:53,  7.63it/s]

69%|          | 7082/10236 [12:26<07:28,  7.03it/s]
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69%|          | 7083/10236 [12:27<07:28,  7.04it/s]

69%|          | 7084/10236 [12:27<07:58,  6.59it/s]

69%|          | 7086/10236 [12:27<06:25,  8.17it/s]

69%|          | 7088/10236 [12:27<05:23,  9.73it/s]

69%|          | 7090/10236 [12:27<04:46, 10.98it/s]

69%|          | 7092/10236 [12:27<04:11, 12.51it/s]

69%|          | 7094/10236 [12:27<03:54, 13.38it/s]

69%|          | 7096/10236 [12:27<03:40, 14.23it/s]

69%|          | 7098/10236 [12:28<03:38, 14.36it/s]

69%|          | 7100/10236 [12:28<03:32, 14.76it/s]

69%|          | 7102/10236 [12:28<03:49, 13.68it/s]

69%|          | 7104/10236 [12:28<03:47, 13.75it/s]

69%|          | 7106/10236 [12:28<03:42, 14.09it/s]

69%|          | 7108/10236 [12:28<04:36, 11.31it/s]

69%|          | 7110/10236 [12:29<05:46,  9.01it/s]

69%|          | 7112/10236 [12:29<06:43,  7.74it/s]

69%|          | 7113/10236 [12:29<07:12,  7.22it/s]

69%|          | 7114/10236 [12:29<07:48,  6.66it/s]

70%|          | 7115/10236 [12:30<07:41,  6.77it/s]

70%|          | 7116/10236 [12:30<07:51,  6.61it/s]

70%|          | 7117/10236 [12:30<07:20,  7.07it/s]

70%|          | 7119/10236 [12:30<05:57,  8.71it/s]

70%|          | 7121/10236 [12:30<04:59, 10.40it/s]

70%|          | 7123/10236 [12:30<04:28, 11.59it/s]
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70%|          | 7125/10236 [12:30<04:10, 12.41it/s]

70%|          | 7127/10236 [12:30<03:48, 13.59it/s]

70%|          | 7130/10236 [12:31<03:29, 14.80it/s]

70%|          | 7132/10236 [12:31<03:22, 15.34it/s]

70%|          | 7134/10236 [12:31<03:18, 15.64it/s]

70%|          | 7136/10236 [12:31<03:15, 15.87it/s]

70%|          | 7138/10236 [12:31<03:13, 15.97it/s]

70%|          | 7140/10236 [12:31<03:17, 15.70it/s]

70%|          | 7142/10236 [12:31<03:47, 13.60it/s]

70%|          | 7144/10236 [12:32<06:07,  8.40it/s]

70%|          | 7146/10236 [12:32<06:45,  7.62it/s]

70%|          | 7147/10236 [12:32<07:26,  6.92it/s]

70%|          | 7148/10236 [12:32<07:19,  7.02it/s]

70%|          | 7149/10236 [12:33<07:49,  6.57it/s]

70%|          | 7150/10236 [12:33<07:23,  6.96it/s]

70%|          | 7152/10236 [12:33<06:00,  8.56it/s]

70%|          | 7154/10236 [12:33<05:01, 10.22it/s]

70%|          | 7156/10236 [12:33<04:23, 11.68it/s]

70%|          | 7158/10236 [12:33<03:58, 12.89it/s]

70%|          | 7160/10236 [12:33<03:45, 13.64it/s]

70%|          | 7162/10236 [12:33<03:27, 14.82it/s]

70%|          | 7164/10236 [12:34<03:23, 15.07it/s]

70%|          | 7166/10236 [12:34<03:19, 15.37it/s]

70%|          | 7168/10236 [12:34<03:15, 15.67it/s]
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70%|          | 7170/10236 [12:34<03:03, 16.68it/s]

70%|          | 7172/10236 [12:34<03:03, 16.68it/s]

70%|          | 7174/10236 [12:34<03:09, 16.15it/s]

70%|          | 7176/10236 [12:34<04:21, 11.70it/s]

70%|          | 7178/10236 [12:35<05:37,  9.07it/s]

70%|          | 7180/10236 [12:35<06:37,  7.69it/s]

70%|          | 7181/10236 [12:35<07:29,  6.80it/s]

70%|          | 7182/10236 [12:35<07:22,  6.90it/s]

70%|          | 7183/10236 [12:36<07:49,  6.51it/s]

70%|          | 7185/10236 [12:36<06:26,  7.89it/s]

70%|          | 7187/10236 [12:36<05:22,  9.45it/s]

70%|          | 7189/10236 [12:36<04:40, 10.87it/s]

70%|          | 7191/10236 [12:36<04:09, 12.20it/s]

70%|          | 7193/10236 [12:36<03:47, 13.40it/s]

70%|          | 7195/10236 [12:36<03:31, 14.39it/s]

70%|          | 7197/10236 [12:36<03:21, 15.12it/s]

70%|          | 7199/10236 [12:37<03:17, 15.39it/s]

70%|          | 7201/10236 [12:37<03:23, 14.93it/s]

70%|          | 7203/10236 [12:37<03:17, 15.35it/s]

70%|          | 7205/10236 [12:37<03:18, 15.24it/s]

70%|          | 7207/10236 [12:37<03:18, 15.28it/s]

70%|          | 7209/10236 [12:37<04:26, 11.35it/s]

70%|          | 7211/10236 [12:38<05:22,  9.37it/s]

70%|          | 7213/10236 [12:38<06:12,  8.10it/s]
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70%|          | 7214/10236 [12:38<06:41,  7.53it/s]

70%|          | 7215/10236 [12:38<06:50,  7.36it/s]

70%|          | 7216/10236 [12:38<07:26,  6.76it/s]

71%|          | 7217/10236 [12:39<07:27,  6.74it/s]

71%|          | 7218/10236 [12:39<07:29,  6.71it/s]

71%|          | 7220/10236 [12:39<06:02,  8.33it/s]

71%|          | 7222/10236 [12:39<05:03,  9.93it/s]

71%|          | 7224/10236 [12:39<04:19, 11.60it/s]

71%|          | 7226/10236 [12:39<03:51, 13.02it/s]

71%|          | 7228/10236 [12:39<03:32, 14.17it/s]

71%|          | 7230/10236 [12:39<03:18, 15.18it/s]

71%|          | 7232/10236 [12:40<03:11, 15.68it/s]

71%|          | 7234/10236 [12:40<03:06, 16.11it/s]

71%|          | 7236/10236 [12:40<03:03, 16.34it/s]

71%|          | 7238/10236 [12:40<03:04, 16.25it/s]

71%|          | 7240/10236 [12:40<03:04, 16.23it/s]

71%|          | 7242/10236 [12:40<03:12, 15.59it/s]

71%|          | 7244/10236 [12:40<03:53, 12.81it/s]

71%|          | 7246/10236 [12:41<05:05,  9.78it/s]

71%|          | 7248/10236 [12:41<05:57,  8.36it/s]

71%|          | 7249/10236 [12:41<06:58,  7.14it/s]

71%|          | 7250/10236 [12:41<08:28,  5.87it/s]

71%|          | 7251/10236 [12:42<09:52,  5.04it/s]

71%|          | 7252/10236 [12:42<09:41,  5.13it/s]
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71%|          | 7254/10236 [12:42<07:59,  6.22it/s]

71%|          | 7256/10236 [12:42<06:23,  7.77it/s]

71%|          | 7258/10236 [12:42<05:20,  9.29it/s]

71%|          | 7260/10236 [12:42<04:37, 10.74it/s]

71%|          | 7262/10236 [12:43<04:09, 11.92it/s]

71%|          | 7264/10236 [12:43<03:55, 12.64it/s]

71%|          | 7266/10236 [12:43<03:33, 13.88it/s]

71%|          | 7268/10236 [12:43<03:20, 14.79it/s]

71%|          | 7270/10236 [12:43<03:14, 15.28it/s]

71%|          | 7272/10236 [12:43<03:19, 14.86it/s]

71%|          | 7274/10236 [12:43<03:14, 15.22it/s]

71%|          | 7276/10236 [12:44<04:10, 11.82it/s]

71%|          | 7278/10236 [12:44<05:29,  8.97it/s]

71%|          | 7280/10236 [12:44<06:27,  7.64it/s]

71%|          | 7281/10236 [12:44<07:24,  6.65it/s]

71%|          | 7282/10236 [12:45<07:28,  6.59it/s]

71%|          | 7283/10236 [12:45<08:31,  5.77it/s]

71%|          | 7284/10236 [12:45<08:08,  6.04it/s]

71%|          | 7286/10236 [12:45<06:32,  7.52it/s]

71%|          | 7288/10236 [12:45<05:24,  9.10it/s]

71%|          | 7290/10236 [12:45<04:39, 10.55it/s]

71%|          | 7292/10236 [12:45<04:12, 11.66it/s]

71%|          | 7294/10236 [12:46<03:52, 12.64it/s]

71%|          | 7296/10236 [12:46<03:34, 13.68it/s]
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71%|         | 7298/10236 [12:46<03:21, 14.56it/s]

71%|         | 7300/10236 [12:46<03:16, 14.97it/s]

71%|         | 7302/10236 [12:46<03:13, 15.12it/s]

71%|         | 7304/10236 [12:46<03:14, 15.05it/s]

71%|         | 7306/10236 [12:46<03:26, 14.17it/s]

71%|         | 7308/10236 [12:47<04:08, 11.76it/s]

71%|         | 7310/10236 [12:47<05:26,  8.96it/s]

71%|         | 7312/10236 [12:47<06:17,  7.74it/s]

71%|         | 7313/10236 [12:47<06:28,  7.53it/s]

71%|         | 7314/10236 [12:48<07:12,  6.75it/s]

71%|         | 7315/10236 [12:48<07:20,  6.63it/s]

71%|         | 7316/10236 [12:48<08:12,  5.93it/s]

71%|         | 7318/10236 [12:48<06:48,  7.14it/s]

72%|         | 7321/10236 [12:48<05:29,  8.86it/s]

72%|         | 7323/10236 [12:48<04:39, 10.42it/s]

72%|         | 7325/10236 [12:49<04:14, 11.44it/s]

72%|         | 7327/10236 [12:49<03:49, 12.69it/s]

72%|         | 7329/10236 [12:49<03:32, 13.66it/s]

72%|         | 7331/10236 [12:49<03:22, 14.34it/s]

72%|         | 7333/10236 [12:49<03:25, 14.15it/s]

72%|         | 7335/10236 [12:49<03:26, 14.02it/s]

72%|         | 7337/10236 [12:49<03:25, 14.13it/s]

72%|         | 7339/10236 [12:49<03:16, 14.77it/s]

72%|         | 7341/10236 [12:50<03:44, 12.91it/s]
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72%|          | 7343/10236 [12:50<05:02,  9.55it/s]

72%|          | 7345/10236 [12:50<05:41,  8.46it/s]

72%|          | 7346/10236 [12:50<05:59,  8.03it/s]

72%|          | 7347/10236 [12:51<06:47,  7.09it/s]

72%|          | 7348/10236 [12:51<06:58,  6.89it/s]

72%|          | 7349/10236 [12:51<07:41,  6.26it/s]

72%|          | 7350/10236 [12:51<08:00,  6.01it/s]

72%|          | 7352/10236 [12:51<06:32,  7.34it/s]

72%|          | 7354/10236 [12:51<05:20,  8.98it/s]

72%|          | 7356/10236 [12:51<04:31, 10.62it/s]

72%|          | 7358/10236 [12:52<03:56, 12.16it/s]

72%|          | 7360/10236 [12:52<03:31, 13.62it/s]

72%|          | 7362/10236 [12:52<03:14, 14.78it/s]

72%|          | 7364/10236 [12:52<03:06, 15.38it/s]

72%|          | 7366/10236 [12:52<03:10, 15.03it/s]

72%|          | 7368/10236 [12:52<03:03, 15.64it/s]

72%|          | 7370/10236 [12:52<02:57, 16.10it/s]

72%|          | 7372/10236 [12:52<02:56, 16.19it/s]

72%|          | 7374/10236 [12:53<02:54, 16.44it/s]

72%|          | 7376/10236 [12:53<02:54, 16.37it/s]

72%|          | 7378/10236 [12:53<02:55, 16.31it/s]

72%|          | 7380/10236 [12:53<02:53, 16.45it/s]

72%|          | 7382/10236 [12:53<03:01, 15.74it/s]

72%|          | 7384/10236 [12:53<03:03, 15.58it/s]
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72%|          | 7386/10236 [12:53<03:05, 15.35it/s]

72%|          | 7388/10236 [12:53<03:04, 15.45it/s]

72%|          | 7390/10236 [12:54<03:03, 15.54it/s]

72%|          | 7392/10236 [12:54<03:09, 15.00it/s]

72%|          | 7394/10236 [12:54<03:05, 15.34it/s]

72%|          | 7396/10236 [12:54<03:04, 15.42it/s]

72%|          | 7398/10236 [12:54<02:56, 16.06it/s]

72%|          | 7400/10236 [12:54<03:42, 12.76it/s]

72%|          | 7402/10236 [12:55<04:42, 10.05it/s]

72%|          | 7404/10236 [12:55<05:25,  8.71it/s]

72%|          | 7406/10236 [12:55<06:19,  7.46it/s]

72%|          | 7407/10236 [12:55<06:49,  6.90it/s]

72%|          | 7408/10236 [12:56<06:43,  7.00it/s]

72%|          | 7409/10236 [12:56<07:19,  6.43it/s]

72%|          | 7411/10236 [12:56<05:53,  8.00it/s]

72%|          | 7413/10236 [12:56<04:56,  9.53it/s]

72%|          | 7415/10236 [12:56<04:16, 10.99it/s]

72%|          | 7417/10236 [12:56<03:50, 12.23it/s]

72%|          | 7419/10236 [12:56<03:30, 13.40it/s]

72%|          | 7421/10236 [12:56<03:16, 14.35it/s]

73%|          | 7423/10236 [12:57<03:05, 15.17it/s]

73%|          | 7425/10236 [12:57<02:57, 15.83it/s]

73%|          | 7427/10236 [12:57<02:54, 16.05it/s]

73%|          | 7429/10236 [12:57<02:55, 15.99it/s]
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73%|          | 7431/10236 [12:57<03:00, 15.57it/s]

73%|          | 7433/10236 [12:57<02:56, 15.92it/s]

73%|          | 7435/10236 [12:57<03:37, 12.89it/s]

73%|          | 7437/10236 [12:58<04:38, 10.07it/s]

73%|          | 7439/10236 [12:58<05:26,  8.56it/s]

73%|          | 7441/10236 [12:58<05:54,  7.88it/s]

73%|          | 7442/10236 [12:58<06:04,  7.67it/s]

73%|          | 7443/10236 [12:59<06:40,  6.98it/s]

73%|          | 7444/10236 [12:59<06:37,  7.02it/s]

73%|          | 7445/10236 [12:59<06:37,  7.02it/s]

73%|          | 7447/10236 [12:59<05:32,  8.40it/s]

73%|          | 7449/10236 [12:59<04:41,  9.89it/s]

73%|          | 7451/10236 [12:59<04:13, 10.97it/s]

73%|          | 7453/10236 [12:59<03:52, 11.94it/s]

73%|          | 7455/10236 [13:00<03:34, 12.95it/s]

73%|          | 7457/10236 [13:00<03:19, 13.95it/s]

73%|          | 7459/10236 [13:00<03:09, 14.68it/s]

73%|          | 7461/10236 [13:00<03:08, 14.74it/s]

73%|          | 7463/10236 [13:00<03:04, 14.99it/s]

73%|          | 7465/10236 [13:00<03:05, 14.93it/s]

73%|          | 7467/10236 [13:00<02:58, 15.53it/s]

73%|          | 7469/10236 [13:01<04:09, 11.11it/s]

73%|          | 7471/10236 [13:01<05:05,  9.04it/s]

73%|          | 7473/10236 [13:01<05:55,  7.76it/s]
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734

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73%|          | 7474/10236 [13:01<06:22,  7.22it/s]

73%|          | 7475/10236 [13:02<07:24,  6.21it/s]

73%|          | 7476/10236 [13:02<07:24,  6.21it/s]

73%|          | 7477/10236 [13:02<06:53,  6.67it/s]

73%|          | 7479/10236 [13:02<05:35,  8.21it/s]

73%|          | 7481/10236 [13:02<04:41,  9.78it/s]

73%|          | 7483/10236 [13:02<04:04, 11.27it/s]

73%|          | 7485/10236 [13:02<03:42, 12.39it/s]

73%|          | 7487/10236 [13:03<03:33, 12.88it/s]

73%|          | 7489/10236 [13:03<03:40, 12.44it/s]

73%|          | 7491/10236 [13:03<03:30, 13.04it/s]

73%|          | 7493/10236 [13:03<03:23, 13.47it/s]

73%|          | 7495/10236 [13:03<03:20, 13.66it/s]

73%|          | 7497/10236 [13:03<03:14, 14.07it/s]

73%|          | 7499/10236 [13:03<03:41, 12.34it/s]

73%|          | 7501/10236 [13:04<04:45,  9.57it/s]

73%|          | 7503/10236 [13:04<05:29,  8.30it/s]

73%|          | 7504/10236 [13:04<06:15,  7.28it/s]

73%|          | 7505/10236 [13:04<06:18,  7.22it/s]

73%|          | 7506/10236 [13:05<06:50,  6.65it/s]

73%|          | 7507/10236 [13:05<06:44,  6.75it/s]

73%|          | 7508/10236 [13:05<07:06,  6.39it/s]

73%|          | 7509/10236 [13:05<06:25,  7.07it/s]

73%|          | 7511/10236 [13:05<05:17,  8.59it/s]
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73%|          | 7513/10236 [13:05<04:31, 10.04it/s]

73%|          | 7515/10236 [13:05<04:02, 11.23it/s]

73%|          | 7517/10236 [13:05<03:36, 12.56it/s]

73%|          | 7519/10236 [13:06<03:24, 13.27it/s]

73%|          | 7521/10236 [13:06<03:19, 13.64it/s]

73%|          | 7523/10236 [13:06<03:14, 13.92it/s]

74%|          | 7525/10236 [13:06<03:10, 14.21it/s]

74%|          | 7527/10236 [13:06<03:11, 14.17it/s]

74%|          | 7529/10236 [13:06<03:06, 14.54it/s]

74%|          | 7531/10236 [13:06<03:01, 14.87it/s]

74%|          | 7533/10236 [13:07<03:58, 11.33it/s]

74%|          | 7535/10236 [13:07<05:18,  8.47it/s]

74%|          | 7537/10236 [13:07<06:28,  6.95it/s]

74%|          | 7538/10236 [13:08<06:51,  6.56it/s]

74%|          | 7539/10236 [13:08<06:45,  6.66it/s]

74%|          | 7540/10236 [13:08<07:15,  6.20it/s]

74%|          | 7541/10236 [13:08<06:44,  6.66it/s]

74%|          | 7543/10236 [13:08<05:27,  8.22it/s]

74%|          | 7545/10236 [13:08<04:31,  9.92it/s]

74%|          | 7547/10236 [13:08<03:56, 11.38it/s]

74%|          | 7549/10236 [13:09<03:27, 12.95it/s]

74%|          | 7551/10236 [13:09<03:17, 13.58it/s]

74%|          | 7553/10236 [13:09<03:08, 14.21it/s]

74%|          | 7555/10236 [13:09<03:00, 14.83it/s]
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74%|        | 7557/10236 [13:09<02:53, 15.48it/s]

74%|        | 7559/10236 [13:09<02:51, 15.59it/s]

74%|        | 7561/10236 [13:09<02:48, 15.83it/s]

74%|        | 7563/10236 [13:09<02:54, 15.36it/s]

74%|        | 7565/10236 [13:10<02:54, 15.34it/s]

74%|        | 7567/10236 [13:10<04:10, 10.63it/s]

74%|        | 7569/10236 [13:10<05:19,  8.34it/s]

74%|        | 7571/10236 [13:11<05:59,  7.41it/s]

74%|        | 7572/10236 [13:11<06:14,  7.12it/s]

74%|        | 7573/10236 [13:11<06:57,  6.38it/s]

74%|        | 7574/10236 [13:11<06:55,  6.40it/s]

74%|        | 7575/10236 [13:11<06:43,  6.59it/s]

74%|        | 7577/10236 [13:11<05:24,  8.19it/s]

74%|        | 7579/10236 [13:11<04:36,  9.60it/s]

74%|        | 7581/10236 [13:12<04:10, 10.59it/s]

74%|        | 7583/10236 [13:12<03:48, 11.62it/s]

74%|        | 7585/10236 [13:12<03:38, 12.15it/s]

74%|        | 7587/10236 [13:12<03:35, 12.28it/s]

74%|        | 7589/10236 [13:12<03:43, 11.83it/s]

74%|        | 7591/10236 [13:12<03:37, 12.15it/s]

74%|        | 7593/10236 [13:12<03:25, 12.87it/s]

74%|        | 7595/10236 [13:13<04:11, 10.49it/s]

74%|        | 7597/10236 [13:13<05:26,  8.07it/s]

74%|        | 7598/10236 [13:13<06:33,  6.71it/s]
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74%|          | 7599/10236 [13:14<07:07,  6.16it/s]

74%|          | 7600/10236 [13:14<07:30,  5.85it/s]

74%|          | 7601/10236 [13:14<09:20,  4.70it/s]

74%|          | 7602/10236 [13:14<08:14,  5.33it/s]

74%|          | 7604/10236 [13:14<06:46,  6.47it/s]

74%|          | 7605/10236 [13:14<06:16,  7.00it/s]

74%|          | 7606/10236 [13:15<05:55,  7.39it/s]

74%|          | 7607/10236 [13:15<05:51,  7.48it/s]

74%|          | 7608/10236 [13:15<05:43,  7.65it/s]

74%|          | 7609/10236 [13:15<06:10,  7.09it/s]

74%|          | 7610/10236 [13:15<06:04,  7.20it/s]

74%|          | 7611/10236 [13:15<06:24,  6.83it/s]

74%|          | 7612/10236 [13:15<06:13,  7.03it/s]

74%|          | 7613/10236 [13:16<06:11,  7.06it/s]

74%|          | 7614/10236 [13:16<07:04,  6.18it/s]

74%|          | 7615/10236 [13:16<08:17,  5.27it/s]

74%|          | 7616/10236 [13:16<08:57,  4.88it/s]

74%|          | 7617/10236 [13:17<09:56,  4.39it/s]

74%|          | 7618/10236 [13:17<10:11,  4.28it/s]

74%|          | 7619/10236 [13:17<10:51,  4.02it/s]

74%|          | 7620/10236 [13:17<11:15,  3.87it/s]

74%|          | 7621/10236 [13:18<11:06,  3.93it/s]

74%|          | 7622/10236 [13:18<11:00,  3.96it/s]

74%|          | 7623/10236 [13:18<10:28,  4.16it/s]
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74%|          | 7624/10236 [13:18<11:05,  3.92it/s]

74%|          | 7625/10236 [13:19<10:48,  4.03it/s]

75%|          | 7626/10236 [13:19<09:58,  4.36it/s]

75%|          | 7628/10236 [13:19<08:02,  5.41it/s]

75%|          | 7630/10236 [13:19<06:51,  6.33it/s]

75%|          | 7631/10236 [13:19<06:14,  6.96it/s]

75%|          | 7632/10236 [13:19<06:00,  7.22it/s]

75%|          | 7633/10236 [13:19<05:37,  7.72it/s]

75%|          | 7634/10236 [13:20<05:27,  7.95it/s]

75%|          | 7635/10236 [13:20<05:30,  7.88it/s]

75%|          | 7636/10236 [13:20<05:24,  8.02it/s]

75%|          | 7637/10236 [13:20<05:12,  8.31it/s]

75%|          | 7638/10236 [13:20<05:05,  8.50it/s]

75%|          | 7639/10236 [13:20<05:02,  8.59it/s]

75%|          | 7640/10236 [13:20<05:43,  7.57it/s]

75%|          | 7641/10236 [13:21<06:55,  6.25it/s]

75%|          | 7642/10236 [13:21<07:45,  5.57it/s]

75%|          | 7643/10236 [13:21<09:08,  4.72it/s]

75%|          | 7644/10236 [13:21<09:34,  4.51it/s]

75%|          | 7645/10236 [13:22<09:59,  4.33it/s]

75%|          | 7646/10236 [13:22<08:48,  4.90it/s]

75%|          | 7647/10236 [13:22<07:51,  5.49it/s]

75%|          | 7649/10236 [13:22<06:13,  6.93it/s]

75%|          | 7651/10236 [13:22<05:08,  8.37it/s]
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75%|          | 7653/10236 [13:22<04:21,  9.87it/s]

75%|          | 7655/10236 [13:22<03:48, 11.31it/s]

75%|          | 7657/10236 [13:22<03:25, 12.57it/s]

75%|          | 7659/10236 [13:23<03:11, 13.49it/s]

75%|          | 7661/10236 [13:23<02:59, 14.31it/s]

75%|          | 7663/10236 [13:23<03:02, 14.12it/s]

75%|          | 7665/10236 [13:23<02:56, 14.53it/s]

75%|          | 7667/10236 [13:23<03:08, 13.65it/s]

75%|          | 7669/10236 [13:23<03:11, 13.44it/s]

75%|          | 7671/10236 [13:24<03:59, 10.71it/s]

75%|          | 7673/10236 [13:24<04:45,  8.96it/s]

75%|          | 7675/10236 [13:24<05:21,  7.98it/s]

75%|          | 7676/10236 [13:24<05:36,  7.61it/s]

75%|          | 7677/10236 [13:24<06:18,  6.75it/s]

75%|          | 7678/10236 [13:25<06:14,  6.82it/s]

75%|          | 7679/10236 [13:25<06:40,  6.39it/s]

75%|          | 7680/10236 [13:25<06:13,  6.85it/s]

75%|          | 7682/10236 [13:25<05:04,  8.40it/s]

75%|          | 7684/10236 [13:25<04:29,  9.47it/s]

75%|          | 7686/10236 [13:25<03:55, 10.82it/s]

75%|          | 7688/10236 [13:25<03:37, 11.74it/s]

75%|          | 7690/10236 [13:26<03:18, 12.80it/s]

75%|          | 7692/10236 [13:26<03:08, 13.49it/s]

75%|          | 7694/10236 [13:26<02:58, 14.23it/s]
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75%|          | 7696/10236 [13:26<02:53, 14.60it/s]

75%|          | 7698/10236 [13:26<02:50, 14.89it/s]

75%|          | 7700/10236 [13:26<02:53, 14.64it/s]

75%|          | 7702/10236 [13:26<02:45, 15.35it/s]

75%|          | 7704/10236 [13:27<03:20, 12.65it/s]

75%|          | 7706/10236 [13:27<04:18,  9.78it/s]

75%|          | 7708/10236 [13:27<05:10,  8.13it/s]

75%|          | 7709/10236 [13:27<05:59,  7.02it/s]

75%|          | 7710/10236 [13:28<06:50,  6.15it/s]

75%|          | 7711/10236 [13:28<07:01,  5.98it/s]

75%|          | 7712/10236 [13:28<07:34,  5.55it/s]

75%|          | 7714/10236 [13:28<06:01,  6.98it/s]

75%|          | 7716/10236 [13:28<04:58,  8.45it/s]

75%|          | 7718/10236 [13:28<04:15,  9.85it/s]

75%|          | 7720/10236 [13:29<03:49, 10.98it/s]

75%|          | 7722/10236 [13:29<03:25, 12.24it/s]

75%|          | 7724/10236 [13:29<03:07, 13.39it/s]

75%|          | 7726/10236 [13:29<02:56, 14.21it/s]

75%|          | 7728/10236 [13:29<02:52, 14.55it/s]

76%|          | 7730/10236 [13:29<02:49, 14.77it/s]

76%|          | 7732/10236 [13:29<03:00, 13.87it/s]

76%|          | 7734/10236 [13:29<03:05, 13.50it/s]

76%|          | 7736/10236 [13:30<04:10,  9.99it/s]

76%|          | 7738/10236 [13:30<05:33,  7.49it/s]
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76%|          | 7739/10236 [13:30<06:26,  6.46it/s]

76%|          | 7740/10236 [13:31<07:11,  5.79it/s]

76%|          | 7741/10236 [13:31<06:55,  6.01it/s]

76%|          | 7742/10236 [13:31<07:21,  5.66it/s]

76%|          | 7743/10236 [13:31<06:50,  6.07it/s]

76%|          | 7745/10236 [13:31<05:33,  7.46it/s]

76%|          | 7747/10236 [13:31<04:37,  8.95it/s]

76%|          | 7749/10236 [13:31<04:04, 10.15it/s]

76%|          | 7751/10236 [13:32<03:48, 10.88it/s]

76%|          | 7753/10236 [13:32<03:31, 11.75it/s]

76%|          | 7755/10236 [13:32<03:55, 10.54it/s]

76%|          | 7757/10236 [13:32<03:59, 10.34it/s]

76%|          | 7759/10236 [13:32<03:50, 10.77it/s]

76%|          | 7761/10236 [13:33<03:36, 11.43it/s]

76%|          | 7763/10236 [13:33<04:15,  9.66it/s]

76%|          | 7765/10236 [13:33<05:25,  7.60it/s]

76%|          | 7766/10236 [13:33<06:39,  6.18it/s]

76%|          | 7767/10236 [13:34<06:59,  5.89it/s]

76%|          | 7768/10236 [13:34<06:49,  6.03it/s]

76%|          | 7769/10236 [13:34<06:54,  5.95it/s]

76%|          | 7770/10236 [13:34<06:48,  6.03it/s]

76%|          | 7772/10236 [13:34<05:40,  7.23it/s]

76%|          | 7774/10236 [13:34<04:46,  8.58it/s]

76%|          | 7776/10236 [13:35<04:17,  9.54it/s]
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76%|          | 7778/10236 [13:35<03:43, 11.00it/s]

76%|          | 7780/10236 [13:35<03:21, 12.16it/s]

76%|          | 7782/10236 [13:35<03:06, 13.18it/s]

76%|          | 7784/10236 [13:35<03:04, 13.27it/s]

76%|          | 7786/10236 [13:35<02:59, 13.68it/s]

76%|          | 7788/10236 [13:35<03:05, 13.19it/s]

76%|          | 7790/10236 [13:35<02:55, 13.95it/s]

76%|          | 7792/10236 [13:36<02:51, 14.21it/s]

76%|          | 7794/10236 [13:36<03:52, 10.49it/s]

76%|          | 7796/10236 [13:36<04:55,  8.25it/s]

76%|          | 7798/10236 [13:37<05:22,  7.55it/s]

76%|          | 7799/10236 [13:37<05:39,  7.19it/s]

76%|          | 7800/10236 [13:37<06:06,  6.65it/s]

76%|          | 7801/10236 [13:37<06:06,  6.64it/s]

76%|          | 7802/10236 [13:37<06:11,  6.55it/s]

76%|          | 7804/10236 [13:37<04:57,  8.19it/s]

76%|          | 7806/10236 [13:37<04:05,  9.88it/s]

76%|          | 7808/10236 [13:38<03:30, 11.51it/s]

76%|          | 7810/10236 [13:38<03:09, 12.80it/s]

76%|          | 7812/10236 [13:38<03:00, 13.44it/s]

76%|          | 7814/10236 [13:38<02:57, 13.65it/s]

76%|          | 7816/10236 [13:38<02:50, 14.18it/s]

76%|          | 7818/10236 [13:38<02:48, 14.31it/s]

76%|          | 7820/10236 [13:38<02:49, 14.24it/s]
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76%|        | 7822/10236 [13:38<02:48, 14.33it/s]

76%|        | 7824/10236 [13:39<02:47, 14.42it/s]

76%|        | 7826/10236 [13:39<03:26, 11.66it/s]

76%|        | 7828/10236 [13:39<04:33,  8.81it/s]

76%|        | 7830/10236 [13:40<05:16,  7.60it/s]

77%|        | 7831/10236 [13:40<06:05,  6.59it/s]

77%|        | 7832/10236 [13:40<06:22,  6.29it/s]

77%|        | 7833/10236 [13:40<06:20,  6.32it/s]

77%|        | 7834/10236 [13:40<06:56,  5.77it/s]

77%|        | 7836/10236 [13:40<05:29,  7.27it/s]

77%|        | 7838/10236 [13:41<04:32,  8.81it/s]

77%|        | 7840/10236 [13:41<03:53, 10.25it/s]

77%|        | 7842/10236 [13:41<03:28, 11.48it/s]

77%|        | 7844/10236 [13:41<03:17, 12.11it/s]

77%|        | 7846/10236 [13:41<03:06, 12.84it/s]

77%|        | 7848/10236 [13:41<02:57, 13.42it/s]

77%|        | 7850/10236 [13:41<02:52, 13.86it/s]

77%|        | 7852/10236 [13:41<02:41, 14.79it/s]

77%|        | 7854/10236 [13:42<02:36, 15.22it/s]

77%|        | 7856/10236 [13:42<02:36, 15.21it/s]

77%|        | 7858/10236 [13:42<03:13, 12.30it/s]

77%|        | 7860/10236 [13:42<04:25,  8.97it/s]

77%|        | 7862/10236 [13:43<05:23,  7.34it/s]

77%|        | 7863/10236 [13:43<06:08,  6.44it/s]
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77%|         | 7864/10236 [13:43<06:12,  6.36it/s]

77%|         | 7865/10236 [13:43<06:39,  5.93it/s]

77%|         | 7866/10236 [13:43<06:44,  5.85it/s]

77%|         | 7868/10236 [13:44<05:19,  7.41it/s]

77%|         | 7870/10236 [13:44<04:22,  9.00it/s]

77%|         | 7872/10236 [13:44<03:49, 10.31it/s]

77%|         | 7874/10236 [13:44<03:22, 11.67it/s]

77%|         | 7876/10236 [13:44<03:05, 12.71it/s]

77%|         | 7878/10236 [13:44<02:58, 13.23it/s]

77%|         | 7880/10236 [13:44<02:46, 14.17it/s]

77%|         | 7882/10236 [13:44<02:42, 14.53it/s]

77%|         | 7884/10236 [13:45<02:34, 15.26it/s]

77%|         | 7886/10236 [13:45<02:36, 15.03it/s]

77%|         | 7888/10236 [13:45<02:35, 15.10it/s]

77%|         | 7890/10236 [13:45<02:34, 15.19it/s]

77%|         | 7892/10236 [13:45<03:45, 10.40it/s]

77%|         | 7894/10236 [13:46<04:21,  8.96it/s]

77%|         | 7896/10236 [13:46<04:54,  7.96it/s]

77%|         | 7897/10236 [13:46<05:42,  6.83it/s]

77%|         | 7898/10236 [13:46<06:11,  6.29it/s]

77%|         | 7899/10236 [13:46<06:05,  6.40it/s]

77%|         | 7900/10236 [13:47<05:53,  6.61it/s]

77%|         | 7902/10236 [13:47<04:43,  8.25it/s]

77%|         | 7904/10236 [13:47<03:54,  9.95it/s]
```

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77%|          | 7906/10236 [13:47<03:20, 11.60it/s]

77%|          | 7908/10236 [13:47<03:04, 12.63it/s]

77%|          | 7910/10236 [13:47<02:51, 13.55it/s]

77%|          | 7912/10236 [13:47<02:50, 13.66it/s]

77%|          | 7914/10236 [13:47<02:42, 14.26it/s]

77%|          | 7916/10236 [13:47<02:42, 14.31it/s]

77%|          | 7918/10236 [13:48<02:39, 14.57it/s]

77%|          | 7920/10236 [13:48<02:41, 14.30it/s]

77%|          | 7922/10236 [13:48<02:37, 14.67it/s]

77%|          | 7924/10236 [13:48<03:03, 12.59it/s]

77%|          | 7926/10236 [13:48<04:17,  8.97it/s]

77%|          | 7928/10236 [13:49<04:47,  8.01it/s]

77%|          | 7929/10236 [13:49<05:02,  7.62it/s]

77%|          | 7930/10236 [13:49<05:46,  6.66it/s]

77%|          | 7931/10236 [13:49<05:46,  6.64it/s]

77%|          | 7932/10236 [13:49<06:09,  6.23it/s]

78%|          | 7933/10236 [13:50<05:44,  6.68it/s]

78%|          | 7935/10236 [13:50<04:36,  8.32it/s]

78%|          | 7937/10236 [13:50<03:50,  9.98it/s]

78%|          | 7939/10236 [13:50<03:26, 11.13it/s]

78%|          | 7941/10236 [13:50<03:06, 12.34it/s]

78%|          | 7943/10236 [13:50<02:53, 13.19it/s]

78%|          | 7945/10236 [13:50<02:53, 13.17it/s]

78%|          | 7947/10236 [13:51<03:02, 12.57it/s]
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78%|        | 7949/10236 [13:51<03:01, 12.57it/s]

78%|        | 7951/10236 [13:51<02:55, 12.99it/s]

78%|        | 7953/10236 [13:51<02:51, 13.31it/s]

78%|        | 7955/10236 [13:51<03:08, 12.10it/s]

78%|        | 7957/10236 [13:51<04:08,  9.18it/s]

78%|        | 7959/10236 [13:52<05:01,  7.55it/s]

78%|        | 7960/10236 [13:52<05:16,  7.20it/s]

78%|        | 7961/10236 [13:52<06:49,  5.55it/s]

78%|        | 7962/10236 [13:52<06:45,  5.60it/s]

78%|        | 7963/10236 [13:53<06:48,  5.56it/s]

78%|        | 7965/10236 [13:53<05:26,  6.96it/s]

78%|        | 7967/10236 [13:53<04:26,  8.51it/s]

78%|        | 7969/10236 [13:53<04:02,  9.34it/s]

78%|        | 7971/10236 [13:53<04:14,  8.90it/s]

78%|        | 7973/10236 [13:53<03:41, 10.20it/s]

78%|        | 7975/10236 [13:54<03:17, 11.47it/s]

78%|        | 7977/10236 [13:54<03:02, 12.38it/s]

78%|        | 7979/10236 [13:54<02:49, 13.32it/s]

78%|        | 7981/10236 [13:54<02:45, 13.60it/s]

78%|        | 7983/10236 [13:54<02:43, 13.79it/s]

78%|        | 7985/10236 [13:54<03:29, 10.72it/s]

78%|        | 7987/10236 [13:55<04:42,  7.97it/s]

78%|        | 7989/10236 [13:55<06:08,  6.09it/s]

78%|        | 7990/10236 [13:56<07:15,  5.15it/s]
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78%|        | 7991/10236 [13:56<07:30,  4.99it/s]

78%|        | 7992/10236 [13:56<07:55,  4.71it/s]

78%|        | 7993/10236 [13:56<07:26,  5.03it/s]

78%|        | 7994/10236 [13:56<08:07,  4.59it/s]

78%|        | 7995/10236 [13:57<08:05,  4.62it/s]

78%|        | 7996/10236 [13:57<07:31,  4.96it/s]

78%|        | 7997/10236 [13:57<07:13,  5.16it/s]

78%|        | 7998/10236 [13:57<06:38,  5.62it/s]

78%|        | 7999/10236 [13:57<06:30,  5.73it/s]

78%|        | 8001/10236 [13:57<05:07,  7.27it/s]

78%|        | 8003/10236 [13:58<04:31,  8.23it/s]

78%|        | 8005/10236 [13:58<03:52,  9.60it/s]

78%|        | 8007/10236 [13:58<03:36, 10.27it/s]

78%|        | 8009/10236 [13:58<03:13, 11.49it/s]

78%|        | 8011/10236 [13:58<02:58, 12.48it/s]

78%|        | 8013/10236 [13:58<02:47, 13.30it/s]

78%|        | 8015/10236 [13:58<02:41, 13.75it/s]

78%|        | 8017/10236 [13:59<02:42, 13.67it/s]

78%|        | 8019/10236 [13:59<02:38, 14.03it/s]

78%|        | 8021/10236 [13:59<02:46, 13.30it/s]

78%|        | 8023/10236 [13:59<04:04,  9.05it/s]

78%|        | 8025/10236 [14:00<04:42,  7.83it/s]

78%|        | 8026/10236 [14:00<06:15,  5.88it/s]

78%|        | 8027/10236 [14:00<06:35,  5.58it/s]
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78%|          | 8028/10236 [14:00<06:45,  5.45it/s]

78%|          | 8029/10236 [14:00<06:41,  5.50it/s]

78%|          | 8031/10236 [14:00<05:16,  6.97it/s]

78%|          | 8033/10236 [14:01<04:16,  8.59it/s]

78%|          | 8035/10236 [14:01<03:33, 10.30it/s]

79%|          | 8037/10236 [14:01<03:05, 11.84it/s]

79%|          | 8039/10236 [14:01<03:01, 12.11it/s]

79%|          | 8041/10236 [14:01<02:46, 13.19it/s]

79%|          | 8043/10236 [14:01<02:36, 14.04it/s]

79%|          | 8045/10236 [14:01<02:29, 14.69it/s]

79%|          | 8047/10236 [14:01<02:28, 14.77it/s]

79%|          | 8049/10236 [14:02<02:30, 14.49it/s]

79%|          | 8051/10236 [14:02<02:25, 15.06it/s]

79%|          | 8053/10236 [14:02<02:20, 15.56it/s]

79%|          | 8055/10236 [14:02<03:18, 10.97it/s]

79%|          | 8057/10236 [14:03<04:21,  8.34it/s]

79%|          | 8059/10236 [14:03<05:14,  6.91it/s]

79%|          | 8060/10236 [14:03<05:41,  6.36it/s]

79%|          | 8061/10236 [14:03<06:23,  5.67it/s]

79%|          | 8062/10236 [14:03<05:54,  6.14it/s]

79%|          | 8064/10236 [14:04<04:47,  7.56it/s]

79%|          | 8066/10236 [14:04<03:55,  9.20it/s]

79%|          | 8068/10236 [14:04<03:26, 10.51it/s]

79%|          | 8070/10236 [14:04<03:02, 11.84it/s]
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79%|        | 8072/10236 [14:04<02:48, 12.85it/s]

79%|        | 8074/10236 [14:04<02:43, 13.20it/s]

79%|        | 8076/10236 [14:04<02:39, 13.54it/s]

79%|        | 8078/10236 [14:04<02:33, 14.02it/s]

79%|        | 8080/10236 [14:05<02:31, 14.24it/s]

79%|        | 8082/10236 [14:05<02:25, 14.79it/s]

79%|        | 8084/10236 [14:05<02:27, 14.62it/s]

79%|        | 8086/10236 [14:05<03:08, 11.40it/s]

79%|        | 8088/10236 [14:05<04:02,  8.87it/s]

79%|        | 8090/10236 [14:06<04:29,  7.98it/s]

79%|        | 8091/10236 [14:06<05:28,  6.53it/s]

79%|        | 8092/10236 [14:06<05:55,  6.04it/s]

79%|        | 8093/10236 [14:06<05:47,  6.16it/s]

79%|        | 8094/10236 [14:07<05:52,  6.07it/s]

79%|        | 8096/10236 [14:07<04:41,  7.59it/s]

79%|        | 8098/10236 [14:07<03:52,  9.20it/s]

79%|        | 8100/10236 [14:07<03:19, 10.68it/s]

79%|        | 8102/10236 [14:07<03:05, 11.50it/s]

79%|        | 8104/10236 [14:07<02:55, 12.16it/s]

79%|        | 8106/10236 [14:07<02:44, 12.94it/s]

79%|        | 8108/10236 [14:07<02:39, 13.36it/s]

79%|        | 8110/10236 [14:08<02:29, 14.25it/s]

79%|        | 8112/10236 [14:08<02:30, 14.10it/s]

79%|        | 8114/10236 [14:08<02:25, 14.63it/s]
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79%|          | 8116/10236 [14:08<02:25, 14.60it/s]

79%|          | 8118/10236 [14:08<03:03, 11.53it/s]

79%|          | 8120/10236 [14:09<04:00,  8.81it/s]

79%|          | 8122/10236 [14:09<04:46,  7.38it/s]

79%|          | 8123/10236 [14:09<05:22,  6.56it/s]

79%|          | 8124/10236 [14:09<05:55,  5.93it/s]

79%|          | 8125/10236 [14:10<06:12,  5.67it/s]

79%|          | 8127/10236 [14:10<05:08,  6.84it/s]

79%|          | 8129/10236 [14:10<04:10,  8.43it/s]

79%|          | 8131/10236 [14:10<03:29, 10.05it/s]

79%|          | 8133/10236 [14:10<03:08, 11.16it/s]

79%|          | 8135/10236 [14:10<02:49, 12.40it/s]

79%|          | 8137/10236 [14:10<02:37, 13.29it/s]

80%|          | 8139/10236 [14:10<02:31, 13.85it/s]

80%|          | 8141/10236 [14:11<02:24, 14.52it/s]

80%|          | 8143/10236 [14:11<02:27, 14.21it/s]

80%|          | 8145/10236 [14:11<02:25, 14.34it/s]

80%|          | 8147/10236 [14:11<02:24, 14.44it/s]

80%|          | 8149/10236 [14:11<02:51, 12.18it/s]

80%|          | 8151/10236 [14:12<04:08,  8.40it/s]

80%|          | 8153/10236 [14:12<04:45,  7.29it/s]

80%|          | 8154/10236 [14:12<05:16,  6.57it/s]

80%|          | 8155/10236 [14:12<05:09,  6.73it/s]

80%|          | 8156/10236 [14:12<05:32,  6.26it/s]
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80%|          | 8157/10236 [14:13<05:20,  6.49it/s]

80%|          | 8159/10236 [14:13<04:31,  7.64it/s]

80%|          | 8161/10236 [14:13<03:42,  9.32it/s]

80%|          | 8163/10236 [14:13<03:12, 10.78it/s]

80%|          | 8165/10236 [14:13<02:54, 11.85it/s]

80%|          | 8167/10236 [14:13<02:41, 12.84it/s]

80%|          | 8169/10236 [14:13<02:29, 13.82it/s]

80%|          | 8171/10236 [14:13<02:20, 14.66it/s]

80%|          | 8173/10236 [14:14<02:16, 15.12it/s]

80%|          | 8175/10236 [14:14<02:15, 15.16it/s]

80%|          | 8177/10236 [14:14<02:15, 15.21it/s]

80%|          | 8179/10236 [14:14<02:17, 14.92it/s]

80%|          | 8181/10236 [14:14<02:16, 15.08it/s]

80%|          | 8183/10236 [14:15<03:34,  9.55it/s]

80%|          | 8185/10236 [14:15<04:16,  8.01it/s]

80%|          | 8187/10236 [14:15<04:39,  7.34it/s]

80%|          | 8188/10236 [14:15<05:01,  6.80it/s]

80%|          | 8189/10236 [14:16<05:03,  6.74it/s]

80%|          | 8190/10236 [14:16<04:49,  7.06it/s]

80%|          | 8192/10236 [14:16<03:55,  8.68it/s]

80%|          | 8194/10236 [14:16<03:19, 10.23it/s]

80%|          | 8196/10236 [14:16<03:03, 11.15it/s]

80%|          | 8198/10236 [14:16<02:42, 12.51it/s]

80%|          | 8200/10236 [14:16<02:29, 13.61it/s]
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80%|        | 8202/10236 [14:16<02:28, 13.69it/s]

80%|        | 8204/10236 [14:17<02:25, 14.01it/s]

80%|        | 8206/10236 [14:17<02:15, 14.94it/s]

80%|        | 8208/10236 [14:17<02:13, 15.20it/s]

80%|        | 8210/10236 [14:17<02:12, 15.26it/s]

80%|        | 8212/10236 [14:17<02:09, 15.60it/s]

80%|        | 8214/10236 [14:17<02:24, 13.96it/s]

80%|        | 8216/10236 [14:18<03:19, 10.14it/s]

80%|        | 8218/10236 [14:18<04:00,  8.41it/s]

80%|        | 8220/10236 [14:18<04:21,  7.72it/s]

80%|        | 8221/10236 [14:18<04:29,  7.48it/s]

80%|        | 8222/10236 [14:18<05:00,  6.71it/s]

80%|        | 8223/10236 [14:19<04:44,  7.07it/s]

80%|        | 8225/10236 [14:19<03:50,  8.71it/s]

80%|        | 8227/10236 [14:19<03:13, 10.40it/s]

80%|        | 8229/10236 [14:19<02:51, 11.72it/s]

80%|        | 8231/10236 [14:19<02:34, 12.97it/s]

80%|        | 8233/10236 [14:19<02:23, 13.97it/s]

80%|        | 8235/10236 [14:19<02:15, 14.72it/s]

80%|        | 8237/10236 [14:19<02:15, 14.71it/s]

80%|        | 8239/10236 [14:20<02:11, 15.15it/s]

81%|        | 8241/10236 [14:20<02:07, 15.65it/s]

81%|        | 8243/10236 [14:20<02:04, 16.05it/s]

81%|        | 8245/10236 [14:20<02:08, 15.55it/s]
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81%|         | 8247/10236 [14:20<02:09, 15.36it/s]

81%|         | 8249/10236 [14:20<02:59, 11.07it/s]

81%|         | 8251/10236 [14:21<03:46,  8.75it/s]

81%|         | 8253/10236 [14:21<04:15,  7.75it/s]

81%|         | 8254/10236 [14:21<04:46,  6.91it/s]

81%|         | 8255/10236 [14:21<04:44,  6.97it/s]

81%|         | 8256/10236 [14:22<05:05,  6.48it/s]

81%|         | 8258/10236 [14:22<04:05,  8.06it/s]

81%|         | 8260/10236 [14:22<03:23,  9.73it/s]

81%|         | 8262/10236 [14:22<03:00, 10.97it/s]

81%|         | 8264/10236 [14:22<02:39, 12.33it/s]

81%|         | 8266/10236 [14:22<02:27, 13.35it/s]

81%|         | 8268/10236 [14:22<02:23, 13.70it/s]

81%|         | 8270/10236 [14:22<02:14, 14.66it/s]

81%|         | 8272/10236 [14:22<02:10, 15.03it/s]

81%|         | 8274/10236 [14:23<02:06, 15.53it/s]

81%|         | 8276/10236 [14:23<02:09, 15.12it/s]

81%|         | 8278/10236 [14:23<02:06, 15.51it/s]

81%|         | 8280/10236 [14:23<02:27, 13.30it/s]

81%|         | 8282/10236 [14:23<03:48,  8.55it/s]

81%|         | 8284/10236 [14:24<04:15,  7.65it/s]

81%|         | 8285/10236 [14:24<05:01,  6.47it/s]

81%|         | 8286/10236 [14:24<04:56,  6.57it/s]

81%|         | 8287/10236 [14:24<05:09,  6.29it/s]
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81%|          | 8288/10236 [14:24<05:11,  6.24it/s]

81%|          | 8290/10236 [14:25<04:09,  7.80it/s]

81%|          | 8292/10236 [14:25<03:26,  9.42it/s]

81%|          | 8294/10236 [14:25<03:02, 10.62it/s]

81%|          | 8296/10236 [14:25<02:43, 11.84it/s]

81%|          | 8298/10236 [14:25<02:30, 12.86it/s]

81%|          | 8300/10236 [14:25<02:20, 13.76it/s]

81%|          | 8302/10236 [14:25<02:16, 14.21it/s]

81%|          | 8304/10236 [14:25<02:11, 14.73it/s]

81%|          | 8306/10236 [14:26<02:08, 14.98it/s]

81%|          | 8308/10236 [14:26<02:17, 13.98it/s]

81%|          | 8310/10236 [14:26<02:22, 13.51it/s]

81%|          | 8312/10236 [14:26<03:00, 10.64it/s]

81%|          | 8314/10236 [14:27<03:57,  8.09it/s]

81%|          | 8315/10236 [14:27<04:21,  7.33it/s]

81%|          | 8316/10236 [14:27<04:50,  6.61it/s]

81%|          | 8317/10236 [14:27<05:14,  6.10it/s]

81%|          | 8318/10236 [14:27<05:17,  6.05it/s]

81%|          | 8319/10236 [14:27<05:28,  5.83it/s]

81%|          | 8320/10236 [14:28<04:53,  6.53it/s]

81%|          | 8322/10236 [14:28<03:56,  8.08it/s]

81%|          | 8324/10236 [14:28<03:18,  9.65it/s]

81%|          | 8326/10236 [14:28<03:01, 10.54it/s]

81%|          | 8328/10236 [14:28<02:41, 11.79it/s]
```

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81%|          | 8330/10236 [14:28<02:30, 12.71it/s]

81%|          | 8332/10236 [14:28<02:53, 10.98it/s]

81%|          | 8334/10236 [14:29<02:42, 11.73it/s]

81%|          | 8336/10236 [14:29<02:30, 12.62it/s]

81%|          | 8338/10236 [14:29<02:29, 12.66it/s]

81%|          | 8340/10236 [14:29<02:42, 11.67it/s]

81%|          | 8342/10236 [14:29<03:43,  8.48it/s]

82%|          | 8344/10236 [14:30<05:29,  5.74it/s]

82%|          | 8345/10236 [14:31<07:41,  4.09it/s]

82%|          | 8346/10236 [14:31<07:30,  4.19it/s]

82%|          | 8347/10236 [14:31<06:38,  4.74it/s]

82%|          | 8348/10236 [14:31<05:59,  5.25it/s]

82%|          | 8350/10236 [14:31<04:50,  6.50it/s]

82%|          | 8351/10236 [14:31<04:45,  6.60it/s]

82%|          | 8353/10236 [14:31<04:01,  7.81it/s]

82%|          | 8355/10236 [14:32<03:26,  9.09it/s]

82%|          | 8357/10236 [14:32<03:06, 10.07it/s]

82%|          | 8359/10236 [14:32<02:54, 10.77it/s]

82%|          | 8361/10236 [14:32<02:40, 11.72it/s]

82%|          | 8363/10236 [14:32<02:55, 10.69it/s]

82%|          | 8365/10236 [14:33<03:45,  8.28it/s]

82%|          | 8366/10236 [14:33<04:20,  7.19it/s]

82%|          | 8367/10236 [14:33<04:42,  6.63it/s]

82%|          | 8368/10236 [14:33<05:03,  6.16it/s]
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82%|        | 8369/10236 [14:33<04:56,  6.31it/s]

82%|        | 8370/10236 [14:33<05:11,  5.99it/s]

82%|        | 8371/10236 [14:34<05:23,  5.76it/s]

82%|        | 8373/10236 [14:34<04:20,  7.16it/s]

82%|        | 8375/10236 [14:34<03:42,  8.38it/s]

82%|        | 8377/10236 [14:34<03:23,  9.15it/s]

82%|        | 8379/10236 [14:34<03:00, 10.28it/s]

82%|        | 8381/10236 [14:34<02:48, 11.03it/s]

82%|        | 8383/10236 [14:35<02:35, 11.88it/s]

82%|        | 8385/10236 [14:35<02:28, 12.47it/s]

82%|        | 8387/10236 [14:35<02:24, 12.81it/s]

82%|        | 8389/10236 [14:35<02:18, 13.37it/s]

82%|        | 8391/10236 [14:35<02:18, 13.31it/s]

82%|        | 8393/10236 [14:35<03:03, 10.07it/s]

82%|        | 8395/10236 [14:36<03:36,  8.50it/s]

82%|        | 8396/10236 [14:36<04:11,  7.33it/s]

82%|        | 8397/10236 [14:36<04:37,  6.64it/s]

82%|        | 8398/10236 [14:36<04:35,  6.68it/s]

82%|        | 8399/10236 [14:36<04:53,  6.26it/s]

82%|        | 8400/10236 [14:37<05:14,  5.83it/s]

82%|        | 8401/10236 [14:37<05:10,  5.91it/s]

82%|        | 8403/10236 [14:37<04:14,  7.20it/s]

82%|        | 8405/10236 [14:37<03:30,  8.69it/s]

82%|        | 8407/10236 [14:37<03:05,  9.87it/s]
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82%| | 8409/10236 [14:37<02:48, 10.83it/s]

82%| | 8411/10236 [14:37<02:30, 12.10it/s]

82%| | 8413/10236 [14:38<02:19, 13.03it/s]

82%| | 8415/10236 [14:38<02:16, 13.34it/s]

82%| | 8417/10236 [14:38<02:11, 13.85it/s]

82%| | 8419/10236 [14:38<02:10, 13.92it/s]

82%| | 8421/10236 [14:38<02:05, 14.47it/s]

82%| | 8423/10236 [14:38<02:04, 14.61it/s]

82%| | 8425/10236 [14:39<02:57, 10.22it/s]

82%| | 8427/10236 [14:39<03:29, 8.65it/s]

82%| | 8429/10236 [14:39<04:17, 7.02it/s]

82%| | 8430/10236 [14:40<04:40, 6.43it/s]

82%| | 8431/10236 [14:40<04:53, 6.14it/s]

82%| | 8432/10236 [14:40<05:07, 5.87it/s]

82%| | 8434/10236 [14:40<04:05, 7.33it/s]

82%| | 8436/10236 [14:40<03:26, 8.72it/s]

82%| | 8438/10236 [14:40<02:55, 10.24it/s]

82%| | 8440/10236 [14:40<02:37, 11.38it/s]

82%| | 8442/10236 [14:41<02:25, 12.34it/s]

82%| | 8444/10236 [14:41<02:14, 13.36it/s]

83%| | 8446/10236 [14:41<02:13, 13.41it/s]

83%| | 8448/10236 [14:41<02:10, 13.75it/s]

83%| | 8450/10236 [14:41<02:06, 14.16it/s]

83%| | 8452/10236 [14:41<02:06, 14.08it/s]

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83%|        | 8454/10236 [14:41<02:05, 14.17it/s]

83%|        | 8456/10236 [14:42<02:50, 10.46it/s]

83%|        | 8458/10236 [14:42<03:35,  8.27it/s]

83%|        | 8460/10236 [14:42<04:02,  7.31it/s]

83%|        | 8461/10236 [14:43<05:21,  5.51it/s]

83%|        | 8462/10236 [14:43<05:41,  5.19it/s]

83%|        | 8463/10236 [14:43<05:21,  5.51it/s]

83%|        | 8465/10236 [14:43<04:13,  6.98it/s]

83%|        | 8467/10236 [14:43<03:29,  8.45it/s]

83%|        | 8469/10236 [14:43<03:00,  9.81it/s]

83%|        | 8471/10236 [14:43<02:40, 10.96it/s]

83%|        | 8473/10236 [14:44<02:29, 11.78it/s]

83%|        | 8475/10236 [14:44<02:20, 12.55it/s]

83%|        | 8477/10236 [14:44<02:14, 13.08it/s]

83%|        | 8479/10236 [14:44<02:15, 13.00it/s]

83%|        | 8481/10236 [14:44<02:08, 13.66it/s]

83%|        | 8483/10236 [14:44<02:10, 13.46it/s]

83%|        | 8485/10236 [14:44<02:01, 14.44it/s]

83%|        | 8487/10236 [14:45<02:57,  9.83it/s]

83%|        | 8489/10236 [14:45<03:33,  8.19it/s]

83%|        | 8491/10236 [14:45<03:59,  7.29it/s]

83%|        | 8492/10236 [14:46<04:29,  6.48it/s]

83%|        | 8493/10236 [14:46<04:58,  5.83it/s]

83%|        | 8494/10236 [14:46<05:11,  5.59it/s]
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83%|          | 8496/10236 [14:46<04:05,  7.10it/s]

83%|          | 8498/10236 [14:46<03:18,  8.75it/s]

83%|          | 8500/10236 [14:46<02:49, 10.22it/s]

83%|          | 8502/10236 [14:47<02:33, 11.28it/s]

83%|          | 8504/10236 [14:47<02:20, 12.33it/s]

83%|          | 8506/10236 [14:47<02:10, 13.29it/s]

83%|          | 8508/10236 [14:47<02:04, 13.91it/s]

83%|          | 8510/10236 [14:47<02:00, 14.34it/s]

83%|          | 8512/10236 [14:47<02:03, 13.97it/s]

83%|          | 8514/10236 [14:47<01:56, 14.74it/s]

83%|          | 8516/10236 [14:47<01:52, 15.28it/s]

83%|          | 8518/10236 [14:48<02:10, 13.21it/s]

83%|          | 8520/10236 [14:48<02:56,  9.70it/s]

83%|          | 8522/10236 [14:48<03:38,  7.83it/s]

83%|          | 8523/10236 [14:49<04:10,  6.84it/s]

83%|          | 8524/10236 [14:49<04:11,  6.80it/s]

83%|          | 8525/10236 [14:49<04:32,  6.27it/s]

83%|          | 8526/10236 [14:49<04:50,  5.89it/s]

83%|          | 8527/10236 [14:49<04:28,  6.37it/s]

83%|          | 8529/10236 [14:49<03:39,  7.77it/s]

83%|          | 8531/10236 [14:49<03:00,  9.44it/s]

83%|          | 8533/10236 [14:50<02:41, 10.53it/s]

83%|          | 8535/10236 [14:50<02:27, 11.50it/s]

83%|          | 8537/10236 [14:50<02:23, 11.84it/s]
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83%|          | 8539/10236 [14:50<02:20, 12.09it/s]

83%|          | 8541/10236 [14:50<02:15, 12.49it/s]

83%|          | 8543/10236 [14:50<02:06, 13.34it/s]

83%|          | 8545/10236 [14:50<02:06, 13.41it/s]

83%|          | 8547/10236 [14:51<02:01, 13.88it/s]

84%|          | 8549/10236 [14:51<02:27, 11.46it/s]

84%|          | 8551/10236 [14:51<03:03,  9.16it/s]

84%|          | 8553/10236 [14:51<03:37,  7.74it/s]

84%|          | 8554/10236 [14:52<03:43,  7.52it/s]

84%|          | 8555/10236 [14:52<04:05,  6.84it/s]

84%|          | 8556/10236 [14:52<05:00,  5.59it/s]

84%|          | 8557/10236 [14:52<05:26,  5.15it/s]

84%|          | 8559/10236 [14:52<04:16,  6.54it/s]

84%|          | 8561/10236 [14:53<03:26,  8.09it/s]

84%|          | 8563/10236 [14:53<02:59,  9.32it/s]

84%|          | 8565/10236 [14:53<02:39, 10.50it/s]

84%|          | 8567/10236 [14:53<02:21, 11.82it/s]

84%|          | 8569/10236 [14:53<02:11, 12.71it/s]

84%|          | 8571/10236 [14:53<02:05, 13.27it/s]

84%|          | 8573/10236 [14:53<01:58, 14.04it/s]

84%|          | 8575/10236 [14:53<01:58, 14.02it/s]

84%|          | 8577/10236 [14:54<01:52, 14.72it/s]

84%|          | 8579/10236 [14:54<02:05, 13.20it/s]

84%|          | 8581/10236 [14:54<02:40, 10.33it/s]
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84%|        | 8583/10236 [14:54<03:39,  7.53it/s]

84%|        | 8584/10236 [14:55<03:59,  6.89it/s]

84%|        | 8585/10236 [14:55<04:08,  6.64it/s]

84%|        | 8586/10236 [14:55<04:26,  6.19it/s]

84%|        | 8587/10236 [14:55<04:41,  5.87it/s]

84%|        | 8588/10236 [14:55<04:27,  6.15it/s]

84%|        | 8590/10236 [14:55<03:33,  7.70it/s]

84%|        | 8592/10236 [14:56<02:59,  9.15it/s]

84%|        | 8594/10236 [14:56<02:38, 10.33it/s]

84%|        | 8596/10236 [14:56<02:21, 11.57it/s]

84%|        | 8598/10236 [14:56<02:09, 12.69it/s]

84%|        | 8600/10236 [14:56<02:12, 12.36it/s]

84%|        | 8602/10236 [14:56<02:06, 12.95it/s]

84%|        | 8604/10236 [14:56<02:05, 12.98it/s]

84%|        | 8606/10236 [14:57<02:00, 13.48it/s]

84%|        | 8608/10236 [14:57<02:01, 13.41it/s]

84%|        | 8610/10236 [14:57<02:07, 12.74it/s]

84%|        | 8612/10236 [14:57<02:58,  9.09it/s]

84%|        | 8614/10236 [14:58<03:27,  7.80it/s]

84%|        | 8615/10236 [14:58<03:54,  6.91it/s]

84%|        | 8616/10236 [14:58<04:22,  6.18it/s]

84%|        | 8617/10236 [14:58<04:36,  5.85it/s]

84%|        | 8618/10236 [14:58<04:25,  6.09it/s]

84%|        | 8619/10236 [14:58<04:01,  6.69it/s]
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84%|        | 8621/10236 [14:59<03:23,  7.92it/s]

84%|        | 8623/10236 [14:59<02:58,  9.05it/s]

84%|        | 8625/10236 [14:59<02:38, 10.15it/s]

84%|        | 8627/10236 [14:59<02:22, 11.30it/s]

84%|        | 8629/10236 [14:59<02:14, 11.95it/s]

84%|        | 8631/10236 [14:59<02:07, 12.58it/s]

84%|        | 8633/10236 [14:59<02:03, 13.01it/s]

84%|        | 8635/10236 [15:00<02:01, 13.19it/s]

84%|        | 8637/10236 [15:00<01:57, 13.57it/s]

84%|        | 8639/10236 [15:00<01:54, 13.96it/s]

84%|        | 8641/10236 [15:00<02:22, 11.16it/s]

84%|        | 8643/10236 [15:00<03:05,  8.58it/s]

84%|        | 8645/10236 [15:01<03:27,  7.65it/s]

84%|        | 8646/10236 [15:01<03:57,  6.69it/s]

84%|        | 8647/10236 [15:01<04:19,  6.11it/s]

84%|        | 8648/10236 [15:01<04:26,  5.96it/s]

85%|        | 8650/10236 [15:01<03:34,  7.41it/s]

85%|        | 8652/10236 [15:02<02:59,  8.82it/s]

85%|        | 8654/10236 [15:02<02:33, 10.30it/s]

85%|        | 8656/10236 [15:02<02:18, 11.41it/s]

85%|        | 8658/10236 [15:02<02:07, 12.42it/s]

85%|        | 8660/10236 [15:02<02:04, 12.62it/s]

85%|        | 8662/10236 [15:02<01:59, 13.12it/s]

85%|        | 8664/10236 [15:02<01:53, 13.82it/s]
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85%|          | 8666/10236 [15:03<01:53, 13.79it/s]

85%|          | 8668/10236 [15:03<01:50, 14.19it/s]

85%|          | 8670/10236 [15:03<01:54, 13.68it/s]

85%|          | 8672/10236 [15:03<02:34, 10.14it/s]

85%|          | 8674/10236 [15:03<03:11,  8.15it/s]

85%|          | 8675/10236 [15:04<03:35,  7.23it/s]

85%|          | 8676/10236 [15:04<03:54,  6.65it/s]

85%|          | 8677/10236 [15:04<03:51,  6.75it/s]

85%|          | 8678/10236 [15:04<04:02,  6.41it/s]

85%|          | 8679/10236 [15:04<03:57,  6.57it/s]

85%|          | 8681/10236 [15:04<03:13,  8.05it/s]

85%|          | 8683/10236 [15:05<02:40,  9.68it/s]

85%|          | 8685/10236 [15:05<02:20, 11.06it/s]

85%|          | 8687/10236 [15:05<02:06, 12.21it/s]

85%|          | 8689/10236 [15:05<01:57, 13.21it/s]

85%|          | 8691/10236 [15:05<01:53, 13.64it/s]

85%|          | 8693/10236 [15:05<01:47, 14.39it/s]

85%|          | 8695/10236 [15:05<01:47, 14.38it/s]

85%|          | 8697/10236 [15:05<01:42, 15.08it/s]

85%|          | 8699/10236 [15:06<01:42, 14.97it/s]

85%|          | 8701/10236 [15:06<01:41, 15.12it/s]

85%|          | 8703/10236 [15:06<01:51, 13.74it/s]

85%|          | 8705/10236 [15:06<02:34,  9.89it/s]

85%|          | 8707/10236 [15:06<02:58,  8.58it/s]
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85%|          | 8709/10236 [15:07<03:22,  7.56it/s]

85%|          | 8710/10236 [15:07<03:54,  6.51it/s]

85%|          | 8711/10236 [15:07<04:06,  6.19it/s]

85%|          | 8713/10236 [15:07<03:19,  7.64it/s]

85%|          | 8715/10236 [15:07<02:47,  9.09it/s]

85%|          | 8717/10236 [15:08<02:26, 10.40it/s]

85%|          | 8719/10236 [15:08<02:10, 11.65it/s]

85%|          | 8721/10236 [15:08<02:03, 12.29it/s]

85%|          | 8723/10236 [15:08<01:54, 13.16it/s]

85%|          | 8725/10236 [15:08<01:49, 13.76it/s]

85%|          | 8727/10236 [15:08<01:46, 14.22it/s]

85%|          | 8729/10236 [15:08<01:40, 14.98it/s]

85%|          | 8731/10236 [15:08<01:41, 14.80it/s]

85%|          | 8733/10236 [15:09<01:40, 14.93it/s]

85%|          | 8735/10236 [15:09<02:01, 12.39it/s]

85%|          | 8737/10236 [15:09<02:42,  9.21it/s]

85%|          | 8739/10236 [15:10<03:05,  8.08it/s]

85%|          | 8740/10236 [15:10<03:27,  7.20it/s]

85%|          | 8741/10236 [15:10<03:42,  6.72it/s]

85%|          | 8742/10236 [15:10<03:54,  6.37it/s]

85%|          | 8743/10236 [15:10<03:56,  6.31it/s]

85%|          | 8745/10236 [15:10<03:09,  7.86it/s]

85%|          | 8747/10236 [15:10<02:39,  9.36it/s]

85%|          | 8749/10236 [15:11<02:19, 10.64it/s]
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85%|        | 8751/10236 [15:11<02:02, 12.14it/s]

86%|        | 8753/10236 [15:11<01:53, 13.03it/s]

86%|        | 8755/10236 [15:11<01:45, 13.98it/s]

86%|        | 8757/10236 [15:11<01:43, 14.34it/s]

86%|        | 8759/10236 [15:11<01:43, 14.26it/s]

86%|        | 8761/10236 [15:11<01:38, 14.95it/s]

86%|        | 8763/10236 [15:11<01:38, 15.01it/s]

86%|        | 8765/10236 [15:12<01:40, 14.66it/s]

86%|        | 8767/10236 [15:12<01:54, 12.82it/s]

86%|        | 8769/10236 [15:12<02:35,  9.43it/s]

86%|        | 8771/10236 [15:12<03:05,  7.91it/s]

86%|        | 8772/10236 [15:13<03:25,  7.13it/s]

86%|        | 8773/10236 [15:13<03:28,  7.01it/s]

86%|        | 8774/10236 [15:13<03:41,  6.61it/s]

86%|        | 8775/10236 [15:13<03:54,  6.23it/s]

86%|        | 8777/10236 [15:13<03:10,  7.67it/s]

86%|        | 8779/10236 [15:13<02:35,  9.37it/s]

86%|        | 8781/10236 [15:13<02:15, 10.76it/s]

86%|        | 8783/10236 [15:14<02:01, 11.93it/s]

86%|        | 8785/10236 [15:14<01:49, 13.25it/s]

86%|        | 8787/10236 [15:14<01:44, 13.90it/s]

86%|        | 8789/10236 [15:14<01:44, 13.83it/s]

86%|        | 8791/10236 [15:14<01:38, 14.68it/s]

86%|        | 8793/10236 [15:14<01:34, 15.29it/s]
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86%|        | 8795/10236 [15:14<01:35, 15.11it/s]

86%|        | 8797/10236 [15:15<01:38, 14.61it/s]

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86%|        | 8801/10236 [15:15<02:23,  9.99it/s]

86%|        | 8803/10236 [15:15<02:52,  8.29it/s]

86%|        | 8805/10236 [15:16<03:06,  7.67it/s]

86%|        | 8806/10236 [15:16<03:29,  6.81it/s]

86%|        | 8807/10236 [15:16<03:40,  6.48it/s]

86%|        | 8808/10236 [15:16<03:26,  6.93it/s]

86%|        | 8810/10236 [15:16<02:48,  8.44it/s]

86%|        | 8812/10236 [15:16<02:22, 10.01it/s]

86%|        | 8814/10236 [15:17<02:10, 10.88it/s]

86%|        | 8816/10236 [15:17<02:00, 11.74it/s]

86%|        | 8818/10236 [15:17<01:50, 12.88it/s]

86%|        | 8820/10236 [15:17<01:49, 12.98it/s]

86%|        | 8822/10236 [15:17<01:45, 13.38it/s]

86%|        | 8824/10236 [15:17<01:41, 13.93it/s]

86%|        | 8826/10236 [15:17<01:38, 14.33it/s]

86%|        | 8828/10236 [15:18<01:56, 12.12it/s]

86%|        | 8830/10236 [15:18<02:49,  8.29it/s]

86%|        | 8832/10236 [15:18<03:04,  7.62it/s]

86%|        | 8833/10236 [15:18<03:23,  6.88it/s]

86%|        | 8834/10236 [15:19<03:38,  6.41it/s]

86%|        | 8835/10236 [15:19<03:58,  5.88it/s]
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86%|        | 8836/10236 [15:19<04:27,  5.24it/s]

86%|        | 8837/10236 [15:19<04:11,  5.56it/s]

86%|        | 8839/10236 [15:19<03:20,  6.97it/s]

86%|        | 8841/10236 [15:19<02:46,  8.39it/s]

86%|        | 8843/10236 [15:20<02:24,  9.63it/s]

86%|        | 8845/10236 [15:20<02:11, 10.59it/s]

86%|        | 8847/10236 [15:20<02:01, 11.44it/s]

86%|        | 8849/10236 [15:20<01:52, 12.36it/s]

86%|        | 8851/10236 [15:20<01:48, 12.80it/s]

86%|        | 8853/10236 [15:20<01:44, 13.28it/s]

87%|        | 8855/10236 [15:20<01:38, 14.08it/s]

87%|        | 8857/10236 [15:21<01:35, 14.38it/s]

87%|        | 8859/10236 [15:21<01:55, 11.89it/s]

87%|        | 8861/10236 [15:21<02:37,  8.72it/s]

87%|        | 8863/10236 [15:21<02:55,  7.83it/s]

87%|        | 8864/10236 [15:22<03:15,  7.00it/s]

87%|        | 8865/10236 [15:22<03:42,  6.16it/s]

87%|        | 8866/10236 [15:22<04:28,  5.09it/s]

87%|        | 8867/10236 [15:22<03:54,  5.84it/s]

87%|        | 8869/10236 [15:22<03:08,  7.24it/s]

87%|        | 8871/10236 [15:23<02:37,  8.69it/s]

87%|        | 8873/10236 [15:23<02:15, 10.06it/s]

87%|        | 8875/10236 [15:23<02:04, 10.95it/s]

87%|        | 8877/10236 [15:23<01:53, 11.99it/s]
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87%|          | 8879/10236 [15:23<01:44, 12.96it/s]

87%|          | 8881/10236 [15:23<01:42, 13.22it/s]

87%|          | 8883/10236 [15:23<01:39, 13.56it/s]

87%|          | 8885/10236 [15:23<01:35, 14.10it/s]

87%|          | 8887/10236 [15:24<01:33, 14.43it/s]

87%|          | 8889/10236 [15:24<01:38, 13.70it/s]

87%|          | 8891/10236 [15:24<02:18,  9.70it/s]

87%|          | 8893/10236 [15:24<02:47,  8.03it/s]

87%|          | 8894/10236 [15:25<03:18,  6.76it/s]

87%|          | 8895/10236 [15:25<03:39,  6.12it/s]

87%|          | 8896/10236 [15:25<04:01,  5.55it/s]

87%|          | 8897/10236 [15:25<03:45,  5.93it/s]

87%|          | 8899/10236 [15:25<03:01,  7.38it/s]

87%|          | 8901/10236 [15:25<02:31,  8.80it/s]

87%|          | 8903/10236 [15:26<02:10, 10.24it/s]

87%|          | 8905/10236 [15:26<01:55, 11.50it/s]

87%|          | 8907/10236 [15:26<01:47, 12.37it/s]

87%|          | 8909/10236 [15:26<01:41, 13.11it/s]

87%|          | 8911/10236 [15:26<01:36, 13.70it/s]

87%|          | 8913/10236 [15:26<01:34, 13.98it/s]

87%|          | 8915/10236 [15:26<01:34, 14.01it/s]

87%|          | 8917/10236 [15:26<01:32, 14.26it/s]

87%|          | 8919/10236 [15:27<01:28, 14.86it/s]

87%|          | 8921/10236 [15:27<01:30, 14.47it/s]
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87%|        | 8923/10236 [15:27<01:33, 14.01it/s]

87%|        | 8925/10236 [15:27<01:36, 13.53it/s]

87%|        | 8927/10236 [15:27<01:35, 13.68it/s]

87%|        | 8929/10236 [15:27<01:34, 13.85it/s]

87%|        | 8931/10236 [15:27<01:27, 14.97it/s]

87%|        | 8933/10236 [15:28<01:25, 15.21it/s]

87%|        | 8935/10236 [15:28<01:28, 14.75it/s]

87%|        | 8937/10236 [15:28<01:31, 14.24it/s]

87%|        | 8939/10236 [15:28<01:35, 13.62it/s]

87%|        | 8941/10236 [15:28<02:08, 10.08it/s]

87%|        | 8943/10236 [15:29<02:30,  8.57it/s]

87%|        | 8944/10236 [15:29<02:53,  7.46it/s]

87%|        | 8945/10236 [15:29<03:17,  6.53it/s]

87%|        | 8946/10236 [15:29<03:31,  6.10it/s]

87%|        | 8947/10236 [15:29<03:39,  5.87it/s]

87%|        | 8948/10236 [15:30<03:47,  5.67it/s]

87%|        | 8950/10236 [15:30<03:08,  6.83it/s]

87%|        | 8952/10236 [15:30<02:35,  8.28it/s]

87%|        | 8954/10236 [15:30<02:16,  9.40it/s]

87%|        | 8956/10236 [15:30<01:59, 10.72it/s]

88%|        | 8958/10236 [15:30<01:46, 12.05it/s]

88%|        | 8960/10236 [15:30<01:42, 12.44it/s]

88%|        | 8962/10236 [15:31<01:37, 13.04it/s]

88%|        | 8964/10236 [15:31<01:35, 13.29it/s]
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88%|          | 8966/10236 [15:31<01:35, 13.26it/s]

88%|          | 8968/10236 [15:31<01:41, 12.51it/s]

88%|          | 8970/10236 [15:31<02:03, 10.24it/s]

88%|          | 8972/10236 [15:32<02:33,  8.24it/s]

88%|          | 8973/10236 [15:32<02:56,  7.14it/s]

88%|          | 8974/10236 [15:32<03:10,  6.62it/s]

88%|          | 8975/10236 [15:32<03:11,  6.57it/s]

88%|          | 8976/10236 [15:32<03:23,  6.18it/s]

88%|          | 8977/10236 [15:33<03:28,  6.03it/s]

88%|          | 8978/10236 [15:33<03:32,  5.93it/s]

88%|          | 8980/10236 [15:33<02:51,  7.32it/s]

88%|          | 8982/10236 [15:33<02:25,  8.63it/s]

88%|          | 8984/10236 [15:33<02:07,  9.80it/s]

88%|          | 8986/10236 [15:33<01:53, 10.98it/s]

88%|          | 8988/10236 [15:33<01:43, 12.05it/s]

88%|          | 8990/10236 [15:33<01:35, 13.08it/s]

88%|          | 8992/10236 [15:34<01:31, 13.64it/s]

88%|          | 8994/10236 [15:34<01:31, 13.61it/s]

88%|          | 8996/10236 [15:34<01:27, 14.24it/s]

88%|          | 8998/10236 [15:34<01:26, 14.31it/s]

88%|          | 9000/10236 [15:34<01:23, 14.76it/s]

88%|          | 9002/10236 [15:34<01:52, 10.99it/s]

88%|          | 9004/10236 [15:35<02:25,  8.45it/s]

88%|          | 9006/10236 [15:35<02:55,  7.00it/s]
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88%|        | 9007/10236 [15:35<03:11,  6.43it/s]

88%|        | 9008/10236 [15:36<03:38,  5.62it/s]

88%|        | 9009/10236 [15:36<03:48,  5.38it/s]

88%|        | 9011/10236 [15:36<03:04,  6.63it/s]

88%|        | 9013/10236 [15:36<02:32,  8.02it/s]

88%|        | 9015/10236 [15:36<02:12,  9.24it/s]

88%|        | 9017/10236 [15:36<02:03,  9.87it/s]

88%|        | 9019/10236 [15:37<01:53, 10.75it/s]

88%|        | 9021/10236 [15:37<01:46, 11.41it/s]

88%|        | 9023/10236 [15:37<01:46, 11.42it/s]

88%|        | 9025/10236 [15:37<01:42, 11.82it/s]

88%|        | 9027/10236 [15:37<01:42, 11.85it/s]

88%|        | 9029/10236 [15:37<01:57, 10.30it/s]

88%|        | 9031/10236 [15:38<02:23,  8.41it/s]

88%|        | 9032/10236 [15:38<02:45,  7.27it/s]

88%|        | 9033/10236 [15:38<03:00,  6.66it/s]

88%|        | 9034/10236 [15:38<03:10,  6.30it/s]

88%|        | 9035/10236 [15:39<03:20,  5.98it/s]

88%|        | 9036/10236 [15:39<03:23,  5.89it/s]

88%|        | 9038/10236 [15:39<02:49,  7.07it/s]

88%|        | 9040/10236 [15:39<02:21,  8.44it/s]

88%|        | 9042/10236 [15:39<02:01,  9.80it/s]

88%|        | 9044/10236 [15:39<01:48, 10.99it/s]

88%|        | 9046/10236 [15:39<01:39, 11.99it/s]
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88%| | 9048/10236 [15:40<01:37, 12.20it/s]

88%| | 9050/10236 [15:40<01:32, 12.76it/s]

88%| | 9052/10236 [15:40<01:32, 12.83it/s]

88%| | 9054/10236 [15:40<01:33, 12.67it/s]

88%| | 9056/10236 [15:40<01:32, 12.76it/s]

88%| | 9058/10236 [15:40<01:42, 11.46it/s]

89%| | 9060/10236 [15:41<02:12, 8.90it/s]

89%| | 9062/10236 [15:41<02:33, 7.66it/s]

89%| | 9063/10236 [15:41<02:52, 6.82it/s]

89%| | 9064/10236 [15:41<03:01, 6.45it/s]

89%| | 9065/10236 [15:42<03:12, 6.08it/s]

89%| | 9066/10236 [15:42<03:14, 6.01it/s]

89%| | 9068/10236 [15:42<02:37, 7.42it/s]

89%| | 9070/10236 [15:42<02:11, 8.90it/s]

89%| | 9072/10236 [15:42<01:56, 9.97it/s]

89%| | 9074/10236 [15:42<01:44, 11.17it/s]

89%| | 9076/10236 [15:42<01:35, 12.14it/s]

89%| | 9078/10236 [15:43<01:30, 12.82it/s]

89%| | 9080/10236 [15:43<01:28, 13.12it/s]

89%| | 9082/10236 [15:43<01:27, 13.18it/s]

89%| | 9084/10236 [15:43<01:25, 13.51it/s]

89%| | 9086/10236 [15:43<01:21, 14.04it/s]

89%| | 9088/10236 [15:43<01:30, 12.72it/s]

89%| | 9090/10236 [15:44<02:04, 9.18it/s]

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89%|          | 9092/10236 [15:44<02:25,  7.89it/s]

89%|          | 9093/10236 [15:44<02:42,  7.04it/s]

89%|          | 9094/10236 [15:44<02:53,  6.58it/s]

89%|          | 9095/10236 [15:45<03:03,  6.23it/s]

89%|          | 9096/10236 [15:45<03:08,  6.03it/s]

89%|          | 9097/10236 [15:45<03:04,  6.16it/s]

89%|          | 9099/10236 [15:45<02:29,  7.61it/s]

89%|          | 9101/10236 [15:45<02:06,  9.00it/s]

89%|          | 9103/10236 [15:45<01:51, 10.18it/s]

89%|          | 9105/10236 [15:45<01:40, 11.26it/s]

89%|          | 9107/10236 [15:46<01:32, 12.24it/s]

89%|          | 9109/10236 [15:46<01:26, 13.07it/s]

89%|          | 9111/10236 [15:46<01:23, 13.49it/s]

89%|          | 9113/10236 [15:46<01:21, 13.83it/s]

89%|          | 9115/10236 [15:46<01:19, 14.02it/s]

89%|          | 9117/10236 [15:46<01:18, 14.22it/s]

89%|          | 9119/10236 [15:46<01:18, 14.23it/s]

89%|          | 9121/10236 [15:47<01:52,  9.94it/s]

89%|          | 9123/10236 [15:47<02:16,  8.13it/s]

89%|          | 9125/10236 [15:47<02:32,  7.27it/s]

89%|          | 9126/10236 [15:48<02:50,  6.50it/s]

89%|          | 9127/10236 [15:48<03:00,  6.15it/s]

89%|          | 9128/10236 [15:48<03:05,  5.96it/s]

89%|          | 9130/10236 [15:48<02:32,  7.23it/s]
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89%|          | 9132/10236 [15:48<02:08,  8.60it/s]

89%|          | 9134/10236 [15:48<01:50,  9.96it/s]

89%|          | 9136/10236 [15:48<01:38, 11.15it/s]

89%|          | 9138/10236 [15:49<01:31, 12.00it/s]

89%|          | 9140/10236 [15:49<01:27, 12.50it/s]

89%|          | 9142/10236 [15:49<01:24, 12.97it/s]

89%|          | 9144/10236 [15:49<01:24, 12.97it/s]

89%|          | 9146/10236 [15:49<01:23, 13.07it/s]

89%|          | 9148/10236 [15:49<01:20, 13.49it/s]

89%|          | 9150/10236 [15:50<01:30, 12.02it/s]

89%|          | 9152/10236 [15:50<01:58,  9.11it/s]

89%|          | 9154/10236 [15:50<02:19,  7.74it/s]

89%|          | 9155/10236 [15:50<02:36,  6.93it/s]

89%|          | 9156/10236 [15:51<02:48,  6.41it/s]

89%|          | 9157/10236 [15:51<02:53,  6.21it/s]

89%|          | 9158/10236 [15:51<03:03,  5.86it/s]

89%|          | 9159/10236 [15:51<02:44,  6.56it/s]

89%|          | 9161/10236 [15:51<02:13,  8.03it/s]

90%|          | 9163/10236 [15:51<01:54,  9.37it/s]

90%|          | 9165/10236 [15:51<01:41, 10.57it/s]

90%|          | 9167/10236 [15:52<01:30, 11.86it/s]

90%|          | 9169/10236 [15:52<01:24, 12.59it/s]

90%|          | 9171/10236 [15:52<01:21, 13.13it/s]

90%|          | 9173/10236 [15:52<01:20, 13.17it/s]
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90%|          | 9175/10236 [15:52<01:17, 13.65it/s]

90%|          | 9177/10236 [15:52<01:17, 13.58it/s]

90%|          | 9179/10236 [15:52<01:14, 14.16it/s]

90%|          | 9181/10236 [15:53<01:21, 12.98it/s]

90%|          | 9183/10236 [15:53<01:54,  9.20it/s]

90%|          | 9185/10236 [15:53<02:17,  7.67it/s]

90%|          | 9186/10236 [15:53<02:34,  6.81it/s]

90%|          | 9187/10236 [15:54<02:50,  6.17it/s]

90%|          | 9188/10236 [15:54<02:55,  5.96it/s]

90%|          | 9189/10236 [15:54<03:11,  5.48it/s]

90%|          | 9191/10236 [15:54<02:38,  6.60it/s]

90%|          | 9193/10236 [15:54<02:12,  7.88it/s]

90%|          | 9195/10236 [15:54<01:51,  9.31it/s]

90%|          | 9197/10236 [15:55<01:40, 10.35it/s]

90%|          | 9199/10236 [15:55<01:37, 10.69it/s]

90%|          | 9201/10236 [15:55<01:38, 10.54it/s]

90%|          | 9203/10236 [15:55<01:38, 10.50it/s]

90%|          | 9205/10236 [15:55<01:42, 10.07it/s]

90%|          | 9207/10236 [15:56<01:37, 10.59it/s]

90%|          | 9209/10236 [15:56<01:59,  8.58it/s]

90%|          | 9210/10236 [15:56<02:29,  6.85it/s]

90%|          | 9211/10236 [15:56<02:51,  5.99it/s]

90%|          | 9212/10236 [15:57<02:57,  5.78it/s]

90%|          | 9213/10236 [15:57<02:58,  5.73it/s]
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90%|        | 9214/10236 [15:57<02:59,  5.69it/s]

90%|        | 9215/10236 [15:57<02:59,  5.68it/s]

90%|        | 9217/10236 [15:57<02:25,  6.99it/s]

90%|        | 9219/10236 [15:57<02:00,  8.43it/s]

90%|        | 9221/10236 [15:57<01:45,  9.61it/s]

90%|        | 9223/10236 [15:58<01:33, 10.85it/s]

90%|        | 9225/10236 [15:58<01:27, 11.59it/s]

90%|        | 9227/10236 [15:58<01:19, 12.62it/s]

90%|        | 9229/10236 [15:58<01:13, 13.73it/s]

90%|        | 9231/10236 [15:58<01:12, 13.83it/s]

90%|        | 9233/10236 [15:58<01:09, 14.35it/s]

90%|        | 9235/10236 [15:58<01:09, 14.45it/s]

90%|        | 9237/10236 [15:59<01:10, 14.18it/s]

90%|        | 9239/10236 [15:59<01:35, 10.48it/s]

90%|        | 9241/10236 [15:59<02:04,  8.00it/s]

90%|        | 9243/10236 [16:00<02:23,  6.91it/s]

90%|        | 9244/10236 [16:00<02:34,  6.41it/s]

90%|        | 9245/10236 [16:00<02:40,  6.16it/s]

90%|        | 9246/10236 [16:00<02:25,  6.81it/s]

90%|        | 9248/10236 [16:00<01:58,  8.31it/s]

90%|        | 9250/10236 [16:00<01:41,  9.72it/s]

90%|        | 9252/10236 [16:00<01:28, 11.17it/s]

90%|        | 9254/10236 [16:01<01:23, 11.79it/s]

90%|        | 9256/10236 [16:01<01:16, 12.88it/s]
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90%|        | 9258/10236 [16:01<01:12, 13.46it/s]

90%|        | 9260/10236 [16:01<01:10, 13.85it/s]

90%|        | 9262/10236 [16:01<01:09, 14.01it/s]

91%|        | 9264/10236 [16:01<01:11, 13.59it/s]

91%|        | 9266/10236 [16:01<01:10, 13.72it/s]

91%|        | 9268/10236 [16:02<01:19, 12.20it/s]

91%|        | 9270/10236 [16:02<01:43,  9.32it/s]

91%|        | 9272/10236 [16:02<02:02,  7.90it/s]

91%|        | 9273/10236 [16:02<02:17,  7.03it/s]

91%|        | 9274/10236 [16:03<02:25,  6.60it/s]

91%|        | 9275/10236 [16:03<02:33,  6.28it/s]

91%|        | 9276/10236 [16:03<02:37,  6.10it/s]

91%|        | 9278/10236 [16:03<02:07,  7.49it/s]

91%|        | 9280/10236 [16:03<01:46,  8.98it/s]

91%|        | 9282/10236 [16:03<01:35, 10.04it/s]

91%|        | 9284/10236 [16:04<01:23, 11.42it/s]

91%|        | 9286/10236 [16:04<01:19, 11.97it/s]

91%|        | 9288/10236 [16:04<01:14, 12.78it/s]

91%|        | 9290/10236 [16:04<01:13, 12.82it/s]

91%|        | 9292/10236 [16:04<01:10, 13.32it/s]

91%|        | 9294/10236 [16:04<01:07, 13.93it/s]

91%|        | 9296/10236 [16:04<01:06, 14.11it/s]

91%|        | 9298/10236 [16:04<01:06, 14.15it/s]

91%|        | 9300/10236 [16:05<01:36,  9.70it/s]
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91%|        | 9302/10236 [16:05<01:56,  8.02it/s]

91%|        | 9303/10236 [16:05<02:12,  7.04it/s]

91%|        | 9304/10236 [16:06<02:22,  6.52it/s]

91%|        | 9305/10236 [16:06<02:32,  6.09it/s]

91%|        | 9306/10236 [16:06<02:35,  5.99it/s]

91%|        | 9308/10236 [16:06<02:07,  7.28it/s]

91%|        | 9310/10236 [16:06<01:46,  8.66it/s]

91%|        | 9312/10236 [16:06<01:32,  9.99it/s]

91%|        | 9314/10236 [16:06<01:21, 11.27it/s]

91%|        | 9316/10236 [16:07<01:14, 12.37it/s]

91%|        | 9318/10236 [16:07<01:09, 13.22it/s]

91%|        | 9320/10236 [16:07<01:06, 13.72it/s]

91%|        | 9322/10236 [16:07<01:07, 13.64it/s]

91%|        | 9324/10236 [16:07<01:10, 12.85it/s]

91%|        | 9326/10236 [16:07<01:07, 13.53it/s]

91%|        | 9328/10236 [16:07<01:04, 14.12it/s]

91%|        | 9330/10236 [16:08<01:26, 10.43it/s]

91%|        | 9332/10236 [16:08<01:45,  8.53it/s]

91%|        | 9334/10236 [16:08<02:01,  7.45it/s]

91%|        | 9335/10236 [16:09<02:11,  6.84it/s]

91%|        | 9336/10236 [16:09<02:20,  6.40it/s]

91%|        | 9337/10236 [16:09<02:22,  6.33it/s]

91%|        | 9339/10236 [16:09<01:56,  7.69it/s]

91%|        | 9341/10236 [16:09<01:43,  8.66it/s]
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91%|         | 9343/10236 [16:09<01:35,  9.37it/s]

91%|         | 9345/10236 [16:10<01:30,  9.88it/s]

91%|         | 9347/10236 [16:10<01:28, 10.07it/s]

91%|         | 9349/10236 [16:10<01:20, 11.02it/s]

91%|         | 9351/10236 [16:10<01:13, 12.06it/s]

91%|         | 9353/10236 [16:10<01:08, 12.92it/s]

91%|         | 9355/10236 [16:10<01:05, 13.42it/s]

91%|         | 9357/10236 [16:10<01:11, 12.23it/s]

91%|         | 9359/10236 [16:11<01:34,  9.32it/s]

91%|         | 9361/10236 [16:11<01:50,  7.95it/s]

91%|         | 9362/10236 [16:11<02:07,  6.87it/s]

91%|         | 9363/10236 [16:12<02:14,  6.50it/s]

91%|         | 9364/10236 [16:12<02:17,  6.33it/s]

91%|         | 9365/10236 [16:12<02:21,  6.16it/s]

92%|         | 9367/10236 [16:12<01:54,  7.56it/s]

92%|         | 9369/10236 [16:12<01:36,  8.97it/s]

92%|         | 9371/10236 [16:12<01:24, 10.23it/s]

92%|         | 9373/10236 [16:12<01:15, 11.36it/s]

92%|         | 9375/10236 [16:12<01:09, 12.41it/s]

92%|         | 9377/10236 [16:13<01:04, 13.29it/s]

92%|         | 9379/10236 [16:13<01:01, 14.02it/s]

92%|         | 9381/10236 [16:13<00:59, 14.30it/s]

92%|         | 9383/10236 [16:13<00:58, 14.48it/s]

92%|         | 9385/10236 [16:13<00:58, 14.45it/s]
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92%|        | 9387/10236 [16:13<01:00, 14.09it/s]

92%|        | 9389/10236 [16:14<01:17, 10.88it/s]

92%|        | 9391/10236 [16:14<01:36,  8.76it/s]

92%|        | 9393/10236 [16:14<01:49,  7.67it/s]

92%|        | 9394/10236 [16:14<02:02,  6.89it/s]

92%|        | 9395/10236 [16:15<02:10,  6.43it/s]

92%|        | 9396/10236 [16:15<02:20,  5.96it/s]

92%|        | 9398/10236 [16:15<01:54,  7.34it/s]

92%|        | 9400/10236 [16:15<01:34,  8.87it/s]

92%|        | 9402/10236 [16:15<01:22, 10.16it/s]

92%|        | 9404/10236 [16:15<01:14, 11.16it/s]

92%|        | 9406/10236 [16:15<01:08, 12.13it/s]

92%|        | 9408/10236 [16:16<01:04, 12.86it/s]

92%|        | 9410/10236 [16:16<01:02, 13.28it/s]

92%|        | 9412/10236 [16:16<00:59, 13.75it/s]

92%|        | 9414/10236 [16:16<00:59, 13.86it/s]

92%|        | 9416/10236 [16:16<00:59, 13.76it/s]

92%|        | 9418/10236 [16:16<00:57, 14.11it/s]

92%|        | 9420/10236 [16:17<01:19, 10.21it/s]

92%|        | 9422/10236 [16:17<01:36,  8.40it/s]

92%|        | 9424/10236 [16:17<01:50,  7.35it/s]

92%|        | 9425/10236 [16:17<02:04,  6.53it/s]

92%|        | 9426/10236 [16:18<02:07,  6.35it/s]

92%|        | 9427/10236 [16:18<02:02,  6.61it/s]
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92%|        | 9429/10236 [16:18<01:39,  8.12it/s]

92%|        | 9431/10236 [16:18<01:24,  9.55it/s]

92%|        | 9433/10236 [16:18<01:14, 10.81it/s]

92%|        | 9435/10236 [16:18<01:07, 11.81it/s]

92%|        | 9437/10236 [16:18<01:02, 12.82it/s]

92%|        | 9439/10236 [16:19<00:59, 13.32it/s]

92%|        | 9441/10236 [16:19<00:59, 13.30it/s]

92%|        | 9443/10236 [16:19<00:58, 13.48it/s]

92%|        | 9445/10236 [16:19<00:57, 13.71it/s]

92%|        | 9447/10236 [16:19<00:57, 13.73it/s]

92%|        | 9449/10236 [16:19<01:00, 13.07it/s]

92%|        | 9451/10236 [16:20<01:21,  9.65it/s]

92%|        | 9453/10236 [16:20<01:37,  8.07it/s]

92%|        | 9454/10236 [16:20<01:49,  7.14it/s]

92%|        | 9455/10236 [16:20<02:01,  6.45it/s]

92%|        | 9456/10236 [16:21<02:04,  6.25it/s]

92%|        | 9457/10236 [16:21<02:07,  6.13it/s]

92%|        | 9458/10236 [16:21<02:11,  5.94it/s]

92%|        | 9460/10236 [16:21<01:46,  7.31it/s]

92%|        | 9462/10236 [16:21<01:29,  8.66it/s]

92%|        | 9464/10236 [16:21<01:17,  9.95it/s]

92%|        | 9466/10236 [16:21<01:08, 11.18it/s]

92%|        | 9468/10236 [16:22<01:03, 12.15it/s]

93%|        | 9470/10236 [16:22<00:59, 12.79it/s]
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93%|         | 9472/10236 [16:22<00:56, 13.51it/s]

93%|         | 9474/10236 [16:22<00:54, 14.00it/s]

93%|         | 9476/10236 [16:22<00:52, 14.47it/s]

93%|         | 9478/10236 [16:22<00:51, 14.79it/s]

93%|         | 9480/10236 [16:22<00:50, 15.03it/s]

93%|         | 9482/10236 [16:23<01:02, 11.99it/s]

93%|         | 9484/10236 [16:23<01:22,  9.12it/s]

93%|         | 9486/10236 [16:23<01:37,  7.68it/s]

93%|         | 9487/10236 [16:23<01:51,  6.70it/s]

93%|         | 9488/10236 [16:24<01:58,  6.32it/s]

93%|         | 9489/10236 [16:24<02:04,  5.99it/s]

93%|         | 9490/10236 [16:24<02:05,  5.93it/s]

93%|         | 9492/10236 [16:24<01:42,  7.25it/s]

93%|         | 9494/10236 [16:24<01:25,  8.65it/s]

93%|         | 9496/10236 [16:24<01:13, 10.01it/s]

93%|         | 9498/10236 [16:24<01:05, 11.23it/s]

93%|         | 9500/10236 [16:25<01:00, 12.21it/s]

93%|         | 9502/10236 [16:25<00:59, 12.36it/s]

93%|         | 9504/10236 [16:25<00:56, 13.01it/s]

93%|         | 9506/10236 [16:25<00:54, 13.34it/s]

93%|         | 9508/10236 [16:25<00:53, 13.62it/s]

93%|         | 9510/10236 [16:25<00:54, 13.30it/s]

93%|         | 9512/10236 [16:26<00:57, 12.54it/s]

93%|         | 9514/10236 [16:26<01:19,  9.12it/s]
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93%|        | 9516/10236 [16:26<01:31,  7.83it/s]

93%|        | 9517/10236 [16:26<01:46,  6.76it/s]

93%|        | 9518/10236 [16:27<01:51,  6.41it/s]

93%|        | 9519/10236 [16:27<01:55,  6.20it/s]

93%|        | 9520/10236 [16:27<02:19,  5.13it/s]

93%|        | 9521/10236 [16:27<02:00,  5.96it/s]

93%|        | 9523/10236 [16:27<01:36,  7.37it/s]

93%|        | 9525/10236 [16:27<01:21,  8.77it/s]

93%|        | 9527/10236 [16:28<01:10, 10.01it/s]

93%|        | 9529/10236 [16:28<01:02, 11.40it/s]

93%|        | 9531/10236 [16:28<00:56, 12.44it/s]

93%|        | 9533/10236 [16:28<00:54, 12.92it/s]

93%|        | 9535/10236 [16:28<00:53, 13.08it/s]

93%|        | 9537/10236 [16:28<00:51, 13.64it/s]

93%|        | 9539/10236 [16:28<00:50, 13.85it/s]

93%|        | 9541/10236 [16:28<00:50, 13.77it/s]

93%|        | 9543/10236 [16:29<00:56, 12.26it/s]

93%|        | 9545/10236 [16:29<01:23,  8.32it/s]

93%|        | 9547/10236 [16:30<01:52,  6.11it/s]

93%|        | 9548/10236 [16:30<02:04,  5.52it/s]

93%|        | 9549/10236 [16:30<02:07,  5.38it/s]

93%|        | 9550/10236 [16:30<01:59,  5.76it/s]

93%|        | 9552/10236 [16:30<01:35,  7.13it/s]

93%|        | 9554/10236 [16:30<01:20,  8.49it/s]
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93%|        | 9556/10236 [16:31<01:09,  9.72it/s]

93%|        | 9558/10236 [16:31<01:02, 10.79it/s]

93%|        | 9560/10236 [16:31<00:56, 11.99it/s]

93%|        | 9562/10236 [16:31<00:51, 13.04it/s]

93%|        | 9564/10236 [16:31<00:49, 13.71it/s]

93%|        | 9566/10236 [16:31<00:47, 14.12it/s]

93%|        | 9568/10236 [16:31<00:47, 14.07it/s]

93%|        | 9570/10236 [16:31<00:45, 14.61it/s]

94%|        | 9572/10236 [16:32<00:46, 14.34it/s]

94%|        | 9574/10236 [16:32<01:05, 10.06it/s]

94%|        | 9576/10236 [16:32<01:20,  8.25it/s]

94%|        | 9578/10236 [16:33<01:29,  7.37it/s]

94%|        | 9579/10236 [16:33<01:37,  6.71it/s]

94%|        | 9580/10236 [16:33<01:45,  6.20it/s]

94%|        | 9581/10236 [16:33<01:49,  6.00it/s]

94%|        | 9582/10236 [16:33<01:36,  6.80it/s]

94%|        | 9584/10236 [16:33<01:19,  8.23it/s]

94%|        | 9586/10236 [16:34<01:06,  9.72it/s]

94%|        | 9588/10236 [16:34<00:57, 11.18it/s]

94%|        | 9590/10236 [16:34<00:52, 12.42it/s]

94%|        | 9592/10236 [16:34<00:48, 13.19it/s]

94%|        | 9594/10236 [16:34<00:45, 13.96it/s]

94%|        | 9596/10236 [16:34<00:46, 13.81it/s]

94%|        | 9598/10236 [16:34<00:45, 14.06it/s]
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94%|        | 9600/10236 [16:34<00:44, 14.23it/s]

94%|        | 9602/10236 [16:35<00:43, 14.51it/s]

94%|        | 9604/10236 [16:35<00:43, 14.48it/s]

94%|        | 9606/10236 [16:35<01:03,  9.88it/s]

94%|        | 9608/10236 [16:35<01:17,  8.14it/s]

94%|        | 9610/10236 [16:36<01:25,  7.30it/s]

94%|        | 9611/10236 [16:36<01:33,  6.67it/s]

94%|        | 9612/10236 [16:36<01:39,  6.24it/s]

94%|        | 9613/10236 [16:36<01:43,  6.03it/s]

94%|        | 9615/10236 [16:36<01:25,  7.29it/s]

94%|        | 9617/10236 [16:37<01:10,  8.82it/s]

94%|        | 9619/10236 [16:37<01:00, 10.22it/s]

94%|        | 9621/10236 [16:37<00:53, 11.52it/s]

94%|        | 9623/10236 [16:37<00:49, 12.33it/s]

94%|        | 9625/10236 [16:37<00:48, 12.65it/s]

94%|        | 9627/10236 [16:37<00:48, 12.48it/s]

94%|        | 9629/10236 [16:37<00:45, 13.29it/s]

94%|        | 9631/10236 [16:38<00:43, 13.93it/s]

94%|        | 9633/10236 [16:38<00:41, 14.42it/s]

94%|        | 9635/10236 [16:38<00:41, 14.65it/s]

94%|        | 9637/10236 [16:38<00:55, 10.70it/s]

94%|        | 9639/10236 [16:38<01:09,  8.58it/s]

94%|        | 9641/10236 [16:39<01:19,  7.52it/s]

94%|        | 9642/10236 [16:39<01:27,  6.79it/s]
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94%|          | 9643/10236 [16:39<01:32,  6.38it/s]

94%|          | 9644/10236 [16:39<01:36,  6.13it/s]

94%|          | 9646/10236 [16:39<01:17,  7.58it/s]

94%|          | 9648/10236 [16:40<01:04,  9.10it/s]

94%|          | 9650/10236 [16:40<00:56, 10.29it/s]

94%|          | 9652/10236 [16:40<00:51, 11.35it/s]

94%|          | 9654/10236 [16:40<00:47, 12.32it/s]

94%|          | 9656/10236 [16:40<00:44, 13.15it/s]

94%|          | 9658/10236 [16:40<00:42, 13.67it/s]

94%|          | 9660/10236 [16:40<00:41, 14.04it/s]

94%|          | 9662/10236 [16:40<00:40, 14.28it/s]

94%|          | 9664/10236 [16:41<00:39, 14.50it/s]

94%|          | 9666/10236 [16:41<00:40, 14.00it/s]

94%|          | 9668/10236 [16:41<00:57,  9.90it/s]

94%|          | 9670/10236 [16:41<01:10,  8.06it/s]

94%|          | 9671/10236 [16:42<01:19,  7.09it/s]

94%|          | 9672/10236 [16:42<01:27,  6.47it/s]

94%|          | 9673/10236 [16:42<01:30,  6.20it/s]

95%|          | 9674/10236 [16:42<01:48,  5.16it/s]

95%|          | 9675/10236 [16:42<01:37,  5.74it/s]

95%|          | 9677/10236 [16:43<01:18,  7.08it/s]

95%|          | 9679/10236 [16:43<01:05,  8.52it/s]

95%|          | 9681/10236 [16:43<00:57,  9.72it/s]

95%|          | 9683/10236 [16:43<00:49, 11.07it/s]
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95%|        | 9685/10236 [16:43<00:45, 12.08it/s]

95%|        | 9687/10236 [16:43<00:42, 12.77it/s]

95%|        | 9689/10236 [16:43<00:41, 13.11it/s]

95%|        | 9691/10236 [16:43<00:40, 13.58it/s]

95%|        | 9693/10236 [16:44<00:38, 13.98it/s]

95%|        | 9695/10236 [16:44<00:39, 13.86it/s]

95%|        | 9697/10236 [16:44<00:46, 11.68it/s]

95%|        | 9699/10236 [16:44<00:59,  8.97it/s]

95%|        | 9701/10236 [16:45<01:11,  7.43it/s]

95%|        | 9702/10236 [16:45<01:21,  6.52it/s]

95%|        | 9703/10236 [16:45<01:29,  5.96it/s]

95%|        | 9704/10236 [16:45<01:37,  5.47it/s]

95%|        | 9705/10236 [16:45<01:27,  6.08it/s]

95%|        | 9707/10236 [16:46<01:10,  7.47it/s]

95%|        | 9709/10236 [16:46<00:58,  8.98it/s]

95%|        | 9711/10236 [16:46<00:50, 10.32it/s]

95%|        | 9713/10236 [16:46<00:46, 11.33it/s]

95%|        | 9715/10236 [16:46<00:43, 12.08it/s]

95%|        | 9717/10236 [16:46<00:40, 12.86it/s]

95%|        | 9719/10236 [16:46<00:38, 13.29it/s]

95%|        | 9721/10236 [16:46<00:37, 13.76it/s]

95%|        | 9723/10236 [16:47<00:36, 14.20it/s]

95%|        | 9725/10236 [16:47<00:35, 14.44it/s]

95%|        | 9727/10236 [16:47<00:34, 14.70it/s]
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95%|        | 9729/10236 [16:47<00:52,  9.60it/s]

95%|        | 9731/10236 [16:48<01:03,  7.94it/s]

95%|        | 9733/10236 [16:48<01:10,  7.17it/s]

95%|        | 9734/10236 [16:48<01:17,  6.48it/s]

95%|        | 9735/10236 [16:48<01:19,  6.27it/s]

95%|        | 9736/10236 [16:48<01:24,  5.89it/s]

95%|        | 9738/10236 [16:49<01:08,  7.26it/s]

95%|        | 9740/10236 [16:49<00:56,  8.77it/s]

95%|        | 9742/10236 [16:49<00:48, 10.25it/s]

95%|        | 9744/10236 [16:49<00:43, 11.21it/s]

95%|        | 9746/10236 [16:49<00:40, 12.15it/s]

95%|        | 9748/10236 [16:49<00:37, 12.85it/s]

95%|        | 9750/10236 [16:49<00:35, 13.54it/s]

95%|        | 9752/10236 [16:50<00:34, 14.00it/s]

95%|        | 9754/10236 [16:50<00:33, 14.40it/s]

95%|        | 9756/10236 [16:50<00:32, 14.75it/s]

95%|        | 9758/10236 [16:50<00:32, 14.86it/s]

95%|        | 9760/10236 [16:50<00:41, 11.51it/s]

95%|        | 9762/10236 [16:51<00:53,  8.83it/s]

95%|        | 9764/10236 [16:51<01:01,  7.73it/s]

95%|        | 9765/10236 [16:51<01:07,  7.02it/s]

95%|        | 9766/10236 [16:51<01:12,  6.52it/s]

95%|        | 9767/10236 [16:51<01:16,  6.14it/s]

95%|        | 9768/10236 [16:52<01:19,  5.92it/s]
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95%|        | 9770/10236 [16:52<01:05,  7.12it/s]

95%|        | 9772/10236 [16:52<00:53,  8.65it/s]

95%|        | 9774/10236 [16:52<00:46,  9.99it/s]

96%|        | 9776/10236 [16:52<00:40, 11.25it/s]

96%|        | 9778/10236 [16:52<00:37, 12.19it/s]

96%|        | 9780/10236 [16:52<00:34, 13.07it/s]

96%|        | 9782/10236 [16:52<00:33, 13.57it/s]

96%|        | 9784/10236 [16:53<00:31, 14.20it/s]

96%|        | 9786/10236 [16:53<00:30, 14.69it/s]

96%|        | 9788/10236 [16:53<00:29, 14.98it/s]

96%|        | 9790/10236 [16:53<00:29, 15.18it/s]

96%|        | 9792/10236 [16:53<00:33, 13.18it/s]

96%|        | 9794/10236 [16:54<00:46,  9.51it/s]

96%|        | 9796/10236 [16:54<00:54,  8.03it/s]

96%|        | 9797/10236 [16:54<01:01,  7.09it/s]

96%|        | 9798/10236 [16:54<01:06,  6.56it/s]

96%|        | 9799/10236 [16:54<01:10,  6.23it/s]

96%|        | 9800/10236 [16:55<01:12,  6.04it/s]

96%|        | 9801/10236 [16:55<01:10,  6.18it/s]

96%|        | 9803/10236 [16:55<00:57,  7.59it/s]

96%|        | 9805/10236 [16:55<00:47,  9.07it/s]

96%|        | 9807/10236 [16:55<00:41, 10.39it/s]

96%|        | 9809/10236 [16:55<00:37, 11.44it/s]

96%|        | 9811/10236 [16:55<00:35, 12.06it/s]
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96%|        | 9813/10236 [16:56<00:33, 12.71it/s]

96%|        | 9815/10236 [16:56<00:31, 13.34it/s]

96%|        | 9817/10236 [16:56<00:29, 13.97it/s]

96%|        | 9819/10236 [16:56<00:29, 14.35it/s]

96%|        | 9821/10236 [16:56<00:28, 14.50it/s]

96%|        | 9823/10236 [16:56<00:28, 14.64it/s]

96%|        | 9825/10236 [16:57<00:40, 10.12it/s]

96%|        | 9827/10236 [16:57<00:51,  8.02it/s]

96%|        | 9829/10236 [16:57<00:57,  7.05it/s]

96%|        | 9830/10236 [16:57<01:01,  6.57it/s]

96%|        | 9831/10236 [16:58<01:04,  6.24it/s]

96%|        | 9832/10236 [16:58<01:05,  6.14it/s]

96%|        | 9834/10236 [16:58<00:54,  7.38it/s]

96%|        | 9836/10236 [16:58<00:45,  8.87it/s]

96%|        | 9838/10236 [16:58<00:38, 10.21it/s]

96%|        | 9840/10236 [16:58<00:34, 11.44it/s]

96%|        | 9842/10236 [16:58<00:31, 12.33it/s]

96%|        | 9844/10236 [16:59<00:30, 13.06it/s]

96%|        | 9846/10236 [16:59<00:28, 13.64it/s]

96%|        | 9848/10236 [16:59<00:27, 14.21it/s]

96%|        | 9850/10236 [16:59<00:26, 14.67it/s]

96%|        | 9852/10236 [16:59<00:25, 14.83it/s]

96%|        | 9854/10236 [16:59<00:25, 15.04it/s]

96%|        | 9856/10236 [16:59<00:28, 13.33it/s]
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96%|        | 9858/10236 [17:00<00:39,  9.52it/s]

96%|        | 9860/10236 [17:00<00:47,  7.98it/s]

96%|        | 9861/10236 [17:00<00:52,  7.14it/s]

96%|        | 9862/10236 [17:00<00:57,  6.47it/s]

96%|        | 9863/10236 [17:01<00:59,  6.24it/s]

96%|        | 9864/10236 [17:01<01:01,  6.04it/s]

96%|        | 9865/10236 [17:01<00:58,  6.30it/s]

96%|        | 9867/10236 [17:01<00:47,  7.71it/s]

96%|        | 9869/10236 [17:01<00:40,  9.14it/s]

96%|        | 9871/10236 [17:01<00:35, 10.40it/s]

96%|        | 9873/10236 [17:01<00:31, 11.48it/s]

96%|        | 9875/10236 [17:02<00:28, 12.46it/s]

96%|        | 9877/10236 [17:02<00:27, 13.03it/s]

97%|        | 9879/10236 [17:02<00:27, 13.19it/s]

97%|        | 9881/10236 [17:02<00:28, 12.62it/s]

97%|        | 9883/10236 [17:02<00:27, 12.86it/s]

97%|        | 9885/10236 [17:02<00:27, 12.80it/s]

97%|        | 9887/10236 [17:03<00:34, 10.15it/s]

97%|        | 9889/10236 [17:03<00:43,  8.07it/s]

97%|        | 9890/10236 [17:03<00:49,  6.93it/s]

97%|        | 9891/10236 [17:03<01:00,  5.70it/s]

97%|        | 9892/10236 [17:04<01:08,  5.01it/s]

97%|        | 9893/10236 [17:04<01:08,  5.00it/s]

97%|        | 9894/10236 [17:04<00:59,  5.73it/s]
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97%|        | 9896/10236 [17:04<00:49,  6.85it/s]

97%|        | 9898/10236 [17:04<00:40,  8.26it/s]

97%|        | 9900/10236 [17:04<00:35,  9.50it/s]

97%|        | 9902/10236 [17:05<00:30, 10.78it/s]

97%|        | 9904/10236 [17:05<00:28, 11.57it/s]

97%|        | 9906/10236 [17:05<00:26, 12.64it/s]

97%|        | 9908/10236 [17:05<00:25, 12.98it/s]

97%|        | 9910/10236 [17:05<00:23, 13.62it/s]

97%|        | 9912/10236 [17:05<00:22, 14.17it/s]

97%|        | 9914/10236 [17:05<00:22, 14.55it/s]

97%|        | 9916/10236 [17:06<00:24, 13.12it/s]

97%|        | 9918/10236 [17:06<00:33,  9.57it/s]

97%|        | 9920/10236 [17:06<00:39,  8.04it/s]

97%|        | 9921/10236 [17:06<00:43,  7.17it/s]

97%|        | 9922/10236 [17:07<00:49,  6.34it/s]

97%|        | 9923/10236 [17:07<00:53,  5.83it/s]

97%|        | 9924/10236 [17:07<00:51,  6.08it/s]

97%|        | 9926/10236 [17:07<00:42,  7.32it/s]

97%|        | 9928/10236 [17:07<00:35,  8.62it/s]

97%|        | 9930/10236 [17:07<00:31,  9.84it/s]

97%|        | 9932/10236 [17:08<00:27, 10.88it/s]

97%|        | 9934/10236 [17:08<00:25, 11.84it/s]

97%|        | 9936/10236 [17:08<00:23, 12.63it/s]

97%|        | 9938/10236 [17:08<00:23, 12.66it/s]
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793

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97%|        | 9940/10236 [17:08<00:22, 13.34it/s]

97%|        | 9942/10236 [17:08<00:21, 13.79it/s]

97%|        | 9944/10236 [17:08<00:20, 13.95it/s]

97%|        | 9946/10236 [17:09<00:26, 11.07it/s]

97%|        | 9948/10236 [17:09<00:34,  8.38it/s]

97%|        | 9950/10236 [17:09<00:38,  7.44it/s]

97%|        | 9951/10236 [17:10<00:41,  6.83it/s]

97%|        | 9952/10236 [17:10<00:44,  6.43it/s]

97%|        | 9953/10236 [17:10<00:46,  6.12it/s]

97%|        | 9955/10236 [17:10<00:37,  7.42it/s]

97%|        | 9957/10236 [17:10<00:31,  8.88it/s]

97%|        | 9959/10236 [17:10<00:27, 10.16it/s]

97%|        | 9961/10236 [17:10<00:24, 11.43it/s]

97%|        | 9963/10236 [17:11<00:21, 12.47it/s]

97%|        | 9965/10236 [17:11<00:20, 13.20it/s]

97%|        | 9967/10236 [17:11<00:19, 13.49it/s]

97%|        | 9969/10236 [17:11<00:19, 14.05it/s]

97%|        | 9971/10236 [17:11<00:18, 14.39it/s]

97%|        | 9973/10236 [17:11<00:17, 14.77it/s]

97%|        | 9975/10236 [17:11<00:17, 14.70it/s]

97%|        | 9977/10236 [17:12<00:21, 12.32it/s]

97%|        | 9979/10236 [17:12<00:27,  9.23it/s]

98%|        | 9981/10236 [17:12<00:32,  7.95it/s]

98%|        | 9982/10236 [17:12<00:36,  6.97it/s]
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98%|          | 9983/10236 [17:13<00:39,  6.36it/s]

98%|          | 9984/10236 [17:13<00:42,  5.95it/s]

98%|          | 9985/10236 [17:13<00:39,  6.32it/s]

98%|          | 9987/10236 [17:13<00:31,  7.79it/s]

98%|          | 9989/10236 [17:13<00:26,  9.15it/s]

98%|          | 9991/10236 [17:13<00:23, 10.33it/s]

98%|          | 9993/10236 [17:13<00:21, 11.43it/s]

98%|          | 9995/10236 [17:14<00:19, 12.27it/s]

98%|          | 9997/10236 [17:14<00:18, 12.80it/s]

98%|          | 9999/10236 [17:14<00:17, 13.20it/s]

98%|          | 10001/10236 [17:14<00:17, 13.76it/s]

98%|          | 10003/10236 [17:14<00:16, 14.26it/s]

98%|          | 10005/10236 [17:14<00:17, 13.45it/s]

98%|          | 10007/10236 [17:15<00:20, 11.39it/s]

98%|          | 10009/10236 [17:15<00:26,  8.66it/s]

98%|          | 10011/10236 [17:15<00:30,  7.48it/s]

98%|          | 10012/10236 [17:15<00:33,  6.69it/s]

98%|          | 10013/10236 [17:16<00:36,  6.15it/s]

98%|          | 10014/10236 [17:16<00:38,  5.83it/s]

98%|          | 10015/10236 [17:16<00:38,  5.81it/s]

98%|          | 10017/10236 [17:16<00:31,  7.01it/s]

98%|          | 10019/10236 [17:16<00:25,  8.48it/s]

98%|          | 10021/10236 [17:16<00:22,  9.65it/s]

98%|          | 10023/10236 [17:17<00:19, 10.79it/s]
```

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98%|        | 10025/10236 [17:17<00:17, 11.99it/s]

98%|        | 10027/10236 [17:17<00:17, 12.27it/s]

98%|        | 10029/10236 [17:17<00:16, 12.64it/s]

98%|        | 10031/10236 [17:17<00:16, 12.61it/s]

98%|        | 10033/10236 [17:17<00:15, 12.84it/s]

98%|        | 10035/10236 [17:17<00:15, 12.83it/s]

98%|        | 10037/10236 [17:18<00:19, 10.47it/s]

98%|        | 10039/10236 [17:18<00:23,  8.25it/s]

98%|        | 10040/10236 [17:18<00:27,  7.00it/s]

98%|        | 10041/10236 [17:18<00:30,  6.34it/s]

98%|        | 10042/10236 [17:19<00:31,  6.12it/s]

98%|        | 10043/10236 [17:19<00:33,  5.85it/s]

98%|        | 10044/10236 [17:19<00:33,  5.66it/s]

98%|        | 10045/10236 [17:19<00:32,  5.87it/s]

98%|        | 10047/10236 [17:19<00:25,  7.32it/s]

98%|        | 10049/10236 [17:19<00:21,  8.83it/s]

98%|        | 10051/10236 [17:19<00:17, 10.33it/s]

98%|        | 10053/10236 [17:20<00:16, 11.20it/s]

98%|        | 10055/10236 [17:20<00:14, 12.44it/s]

98%|        | 10057/10236 [17:20<00:13, 12.97it/s]

98%|        | 10059/10236 [17:20<00:13, 13.54it/s]

98%|        | 10061/10236 [17:20<00:12, 14.05it/s]

98%|        | 10063/10236 [17:20<00:12, 14.29it/s]

98%|        | 10065/10236 [17:20<00:11, 14.64it/s]
```

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98%|        | 10067/10236 [17:21<00:11, 14.53it/s]

98%|        | 10069/10236 [17:21<00:14, 11.19it/s]

98%|        | 10071/10236 [17:21<00:18,  8.70it/s]

98%|        | 10073/10236 [17:22<00:21,  7.62it/s]

98%|        | 10074/10236 [17:22<00:23,  6.97it/s]

98%|        | 10075/10236 [17:22<00:25,  6.42it/s]

98%|        | 10076/10236 [17:22<00:25,  6.23it/s]

98%|        | 10078/10236 [17:22<00:20,  7.53it/s]

98%|        | 10080/10236 [17:22<00:17,  9.06it/s]

98%|        | 10082/10236 [17:22<00:14, 10.55it/s]

99%|        | 10084/10236 [17:23<00:13, 11.61it/s]

99%|        | 10086/10236 [17:23<00:11, 12.82it/s]

99%|        | 10088/10236 [17:23<00:10, 13.57it/s]

99%|        | 10090/10236 [17:23<00:10, 14.13it/s]

99%|        | 10092/10236 [17:23<00:10, 13.83it/s]

99%|        | 10094/10236 [17:23<00:10, 14.18it/s]

99%|        | 10096/10236 [17:23<00:10, 13.80it/s]

99%|        | 10098/10236 [17:23<00:09, 14.28it/s]

99%|        | 10100/10236 [17:24<00:12, 11.05it/s]

99%|        | 10102/10236 [17:24<00:15,  8.38it/s]

99%|        | 10104/10236 [17:25<00:18,  7.17it/s]

99%|        | 10105/10236 [17:25<00:19,  6.65it/s]

99%|        | 10106/10236 [17:25<00:20,  6.25it/s]

99%|        | 10107/10236 [17:25<00:27,  4.65it/s]
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99%|        | 10108/10236 [17:25<00:24,  5.17it/s]

99%|        | 10109/10236 [17:25<00:22,  5.64it/s]

99%|        | 10110/10236 [17:26<00:21,  5.96it/s]

99%|        | 10111/10236 [17:26<00:20,  6.00it/s]

99%|        | 10112/10236 [17:26<00:20,  6.14it/s]

99%|        | 10113/10236 [17:26<00:20,  6.05it/s]

99%|        | 10114/10236 [17:26<00:20,  6.08it/s]

99%|        | 10115/10236 [17:26<00:20,  5.94it/s]

99%|        | 10116/10236 [17:27<00:20,  5.91it/s]

99%|        | 10117/10236 [17:27<00:28,  4.14it/s]

99%|        | 10118/10236 [17:27<00:35,  3.34it/s]

99%|        | 10119/10236 [17:28<00:38,  3.00it/s]

99%|        | 10120/10236 [17:28<00:37,  3.11it/s]

99%|        | 10121/10236 [17:28<00:31,  3.70it/s]

99%|        | 10122/10236 [17:28<00:26,  4.28it/s]

99%|        | 10123/10236 [17:29<00:23,  4.82it/s]

99%|        | 10124/10236 [17:29<00:21,  5.30it/s]

99%|        | 10125/10236 [17:29<00:19,  5.58it/s]

99%|        | 10126/10236 [17:29<00:20,  5.46it/s]

99%|        | 10127/10236 [17:29<00:19,  5.47it/s]

99%|        | 10128/10236 [17:29<00:19,  5.48it/s]

99%|        | 10129/10236 [17:30<00:20,  5.16it/s]

99%|        | 10130/10236 [17:30<00:28,  3.78it/s]

99%|        | 10131/10236 [17:31<00:32,  3.22it/s]
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99%|        | 10132/10236 [17:31<00:35,  2.91it/s]

99%|        | 10133/10236 [17:31<00:31,  3.31it/s]

99%|        | 10134/10236 [17:31<00:26,  3.90it/s]

99%|        | 10135/10236 [17:31<00:22,  4.51it/s]

99%|        | 10136/10236 [17:32<00:20,  4.97it/s]

99%|        | 10137/10236 [17:32<00:19,  5.13it/s]

99%|        | 10138/10236 [17:32<00:18,  5.40it/s]

99%|        | 10139/10236 [17:32<00:17,  5.49it/s]

99%|        | 10140/10236 [17:32<00:17,  5.62it/s]

99%|        | 10141/10236 [17:32<00:16,  5.74it/s]

99%|        | 10142/10236 [17:33<00:20,  4.52it/s]

99%|        | 10143/10236 [17:33<00:26,  3.45it/s]

99%|        | 10144/10236 [17:34<00:30,  3.01it/s]

99%|        | 10145/10236 [17:34<00:32,  2.84it/s]

99%|        | 10146/10236 [17:34<00:26,  3.41it/s]

99%|        | 10147/10236 [17:34<00:22,  3.99it/s]

99%|        | 10148/10236 [17:35<00:19,  4.51it/s]

99%|        | 10150/10236 [17:35<00:15,  5.71it/s]

99%|        | 10151/10236 [17:35<00:14,  5.70it/s]

99%|        | 10153/10236 [17:35<00:12,  6.90it/s]

99%|        | 10155/10236 [17:35<00:10,  8.09it/s]

99%|        | 10157/10236 [17:35<00:08,  9.22it/s]

99%|        | 10159/10236 [17:35<00:07, 10.18it/s]

99%|        | 10161/10236 [17:36<00:07,  9.73it/s]
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99%|        | 10163/10236 [17:36<00:09,  7.94it/s]

99%|        | 10164/10236 [17:36<00:10,  7.01it/s]

99%|        | 10165/10236 [17:36<00:11,  6.38it/s]

99%|        | 10166/10236 [17:37<00:11,  6.09it/s]

99%|        | 10167/10236 [17:37<00:12,  5.71it/s]

99%|        | 10168/10236 [17:37<00:12,  5.38it/s]

99%|        | 10169/10236 [17:37<00:12,  5.52it/s]

99%|        | 10171/10236 [17:37<00:09,  6.82it/s]

99%|        | 10173/10236 [17:37<00:07,  7.99it/s]

99%|        | 10175/10236 [17:38<00:06,  8.83it/s]

99%|        | 10177/10236 [17:38<00:05,  9.97it/s]

99%|        | 10179/10236 [17:38<00:05, 10.64it/s]

99%|        | 10181/10236 [17:38<00:04, 11.33it/s]

99%|        | 10183/10236 [17:38<00:04, 12.17it/s]

100%|        | 10185/10236 [17:38<00:03, 12.93it/s]

100%|        | 10187/10236 [17:38<00:03, 13.73it/s]

100%|        | 10189/10236 [17:39<00:03, 14.55it/s]

100%|        | 10191/10236 [17:39<00:04, 10.67it/s]

100%|        | 10193/10236 [17:39<00:05,  8.21it/s]

100%|        | 10195/10236 [17:40<00:05,  7.33it/s]

100%|        | 10196/10236 [17:40<00:06,  6.58it/s]

100%|        | 10197/10236 [17:40<00:07,  5.30it/s]

100%|        | 10199/10236 [17:40<00:05,  6.43it/s]

100%|        | 10201/10236 [17:40<00:04,  7.85it/s]
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100%|        | 10203/10236 [17:41<00:03,  8.58it/s]

100%|        | 10205/10236 [17:41<00:03,  8.92it/s]

100%|        | 10207/10236 [17:41<00:02, 10.28it/s]

100%|        | 10209/10236 [17:41<00:02, 11.27it/s]

100%|        | 10211/10236 [17:41<00:02, 11.80it/s]

100%|        | 10213/10236 [17:41<00:01, 12.33it/s]

100%|        | 10215/10236 [17:41<00:01, 12.45it/s]

100%|        | 10217/10236 [17:42<00:01, 10.03it/s]

100%|        | 10219/10236 [17:42<00:02,  7.49it/s]

100%|        | 10220/10236 [17:42<00:02,  6.01it/s]

100%|        | 10221/10236 [17:43<00:02,  5.47it/s]

100%|        | 10222/10236 [17:43<00:02,  5.07it/s]

100%|        | 10223/10236 [17:43<00:02,  5.09it/s]

100%|        | 10225/10236 [17:43<00:01,  6.28it/s]

100%|        | 10227/10236 [17:43<00:01,  7.73it/s]

100%|        | 10229/10236 [17:43<00:00,  9.02it/s]

100%|        | 10231/10236 [17:44<00:00, 10.53it/s]

100%|        | 10233/10236 [17:44<00:00, 11.81it/s]

100%|        | 10236/10236 [17:44<00:00,  9.62it/s]
17:56 bilby INFO    : Generating sky frame parameters.


  0%|          | 0/10236 [00:00<?, ?it/s]

  1%|          | 131/10236 [00:00<00:07, 1308.73it/s]

  2%|          | 243/10236 [00:00<00:08, 1244.81it/s]

  3%|          | 331/10236 [00:00<00:08, 1104.50it/s]
```

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 4%|          | 451/10236 [00:00<00:08, 1131.23it/s]

 5%|          | 556/10236 [00:00<00:08, 1103.17it/s]

 7%|          | 686/10236 [00:00<00:08, 1154.51it/s]

 8%|          | 804/10236 [00:00<00:08, 1159.02it/s]

 9%|          | 911/10236 [00:00<00:12, 775.97it/s]

10%|          | 999/10236 [00:01<00:17, 542.06it/s]

10%|          | 1070/10236 [00:01<00:19, 459.46it/s]

11%|          | 1130/10236 [00:01<00:21, 424.68it/s]

12%|          | 1183/10236 [00:01<00:22, 395.78it/s]

12%|          | 1231/10236 [00:01<00:24, 374.80it/s]

12%|          | 1275/10236 [00:02<00:24, 369.03it/s]

13%|          | 1316/10236 [00:02<00:23, 379.83it/s]

14%|          | 1416/10236 [00:02<00:18, 466.50it/s]

15%|          | 1535/10236 [00:02<00:15, 569.36it/s]

16%|          | 1663/10236 [00:02<00:12, 682.39it/s]

17%|          | 1784/10236 [00:02<00:10, 784.71it/s]

19%|          | 1911/10236 [00:02<00:09, 885.05it/s]

20%|          | 2036/10236 [00:02<00:08, 969.91it/s]

21%|          | 2158/10236 [00:02<00:07, 1033.14it/s]

22%|          | 2282/10236 [00:02<00:07, 1087.18it/s]

23%|          | 2401/10236 [00:03<00:07, 1040.03it/s]

25%|          | 2515/10236 [00:03<00:07, 1067.61it/s]

26%|          | 2632/10236 [00:03<00:06, 1094.80it/s]

27%|          | 2746/10236 [00:03<00:07, 1064.73it/s]
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28%|          | 2867/10236 [00:03<00:06, 1103.98it/s]

29%|          | 2980/10236 [00:03<00:07, 1024.18it/s]

30%|          | 3086/10236 [00:03<00:09, 776.95it/s]

31%|          | 3175/10236 [00:04<00:11, 623.70it/s]

32%|          | 3250/10236 [00:04<00:13, 515.44it/s]

32%|          | 3314/10236 [00:04<00:14, 485.58it/s]

33%|          | 3372/10236 [00:04<00:14, 468.32it/s]

33%|          | 3426/10236 [00:04<00:15, 448.77it/s]

34%|          | 3476/10236 [00:04<00:15, 436.00it/s]

34%|          | 3523/10236 [00:04<00:15, 428.36it/s]

35%|          | 3569/10236 [00:04<00:15, 418.10it/s]

35%|          | 3613/10236 [00:05<00:17, 380.91it/s]

37%|          | 3737/10236 [00:05<00:13, 480.62it/s]

38%|          | 3854/10236 [00:05<00:10, 583.41it/s]

39%|          | 3974/10236 [00:05<00:09, 689.48it/s]

40%|          | 4102/10236 [00:05<00:07, 799.14it/s]

41%|          | 4222/10236 [00:05<00:06, 887.50it/s]

42%|          | 4343/10236 [00:05<00:06, 963.82it/s]

44%|          | 4464/10236 [00:05<00:05, 1026.16it/s]

45%|          | 4587/10236 [00:05<00:05, 1078.19it/s]

46%|          | 4707/10236 [00:06<00:04, 1110.04it/s]

47%|          | 4825/10236 [00:06<00:05, 1079.98it/s]

48%|          | 4939/10236 [00:06<00:04, 1096.95it/s]

49%|          | 5060/10236 [00:06<00:04, 1127.78it/s]
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51%|         | 5176/10236 [00:06<00:04, 1101.08it/s]

52%|         | 5303/10236 [00:06<00:04, 1146.02it/s]

53%|         | 5420/10236 [00:06<00:06, 797.01it/s]

54%|         | 5516/10236 [00:07<00:07, 641.73it/s]

55%|         | 5597/10236 [00:07<00:08, 542.13it/s]

55%|         | 5665/10236 [00:07<00:09, 479.49it/s]

56%|         | 5724/10236 [00:07<00:09, 457.38it/s]

56%|         | 5778/10236 [00:07<00:10, 436.01it/s]

57%|         | 5828/10236 [00:07<00:10, 424.74it/s]

57%|         | 5875/10236 [00:07<00:10, 420.64it/s]

58%|         | 5920/10236 [00:08<00:10, 422.43it/s]

59%|         | 6049/10236 [00:08<00:07, 529.06it/s]

60%|         | 6177/10236 [00:08<00:06, 641.71it/s]

62%|         | 6306/10236 [00:08<00:05, 755.39it/s]

63%|         | 6436/10236 [00:08<00:04, 863.67it/s]

64%|         | 6564/10236 [00:08<00:03, 957.01it/s]

65%|         | 6692/10236 [00:08<00:03, 1035.20it/s]

67%|         | 6819/10236 [00:08<00:03, 1095.06it/s]

68%|         | 6940/10236 [00:08<00:03, 1071.52it/s]

69%|         | 7061/10236 [00:08<00:02, 1109.61it/s]

70%|         | 7178/10236 [00:09<00:02, 1045.02it/s]

71%|         | 7289/10236 [00:09<00:02, 1063.21it/s]

72%|         | 7399/10236 [00:09<00:02, 1039.42it/s]

73%|         | 7516/10236 [00:09<00:02, 1075.07it/s]
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75%|         | 7643/10236 [00:09<00:02, 1126.52it/s]

76%|         | 7758/10236 [00:09<00:03, 793.72it/s]

77%|         | 7853/10236 [00:09<00:03, 633.69it/s]

78%|         | 7933/10236 [00:10<00:05, 431.53it/s]

78%|         | 7996/10236 [00:10<00:05, 381.10it/s]

79%|         | 8049/10236 [00:10<00:05, 366.05it/s]

79%|         | 8097/10236 [00:10<00:05, 372.83it/s]

80%|         | 8142/10236 [00:10<00:06, 338.24it/s]

80%|         | 8200/10236 [00:11<00:05, 386.17it/s]

81%|         | 8295/10236 [00:11<00:04, 469.38it/s]

82%|         | 8426/10236 [00:11<00:03, 581.13it/s]

83%|         | 8529/10236 [00:11<00:02, 667.48it/s]

84%|         | 8619/10236 [00:11<00:02, 722.28it/s]

85%|         | 8708/10236 [00:11<00:02, 758.16it/s]

86%|         | 8811/10236 [00:11<00:01, 823.00it/s]

87%|         | 8916/10236 [00:11<00:01, 880.08it/s]

88%|         | 9012/10236 [00:11<00:01, 897.64it/s]

89%|         | 9126/10236 [00:11<00:01, 957.09it/s]

90%|         | 9227/10236 [00:12<00:01, 969.43it/s]

91%|         | 9328/10236 [00:12<00:00, 971.28it/s]

92%|         | 9428/10236 [00:12<00:00, 868.49it/s]

93%|         | 9519/10236 [00:12<00:00, 877.05it/s]

94%|         | 9610/10236 [00:12<00:00, 883.81it/s]

95%|         | 9701/10236 [00:12<00:00, 620.48it/s]
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 96%|      | 9776/10236 [00:12<00:00, 490.95it/s]

 96%|      | 9838/10236 [00:13<00:00, 438.77it/s]

 97%|      | 9892/10236 [00:13<00:00, 409.83it/s]

 97%|      | 9941/10236 [00:13<00:00, 347.47it/s]

 98%|      | 9983/10236 [00:13<00:00, 348.16it/s]

 98%|      | 10023/10236 [00:13<00:00, 360.45it/s]

 98%|      | 10063/10236 [00:13<00:00, 342.29it/s]

 99%|      | 10103/10236 [00:13<00:00, 357.34it/s]

100%|      | 10236/10236 [00:14<00:00, 725.03it/s]
17:59 bilby INFO    : Computing SNRs for every sample.


  0%|        | 0/10236 [00:00<?, ?it/s]

  0%|        | 5/10236 [00:00<03:52, 44.04it/s]

  0%|        | 9/10236 [00:00<04:13, 40.41it/s]

  0%|        | 13/10236 [00:00<04:21, 39.13it/s]

  0%|        | 17/10236 [00:00<04:24, 38.67it/s]

  0%|        | 21/10236 [00:00<04:38, 36.69it/s]

  0%|        | 26/10236 [00:00<04:24, 38.62it/s]

  0%|        | 31/10236 [00:00<04:15, 39.93it/s]

  0%|        | 36/10236 [00:00<04:08, 40.98it/s]

  0%|        | 40/10236 [00:01<04:16, 39.82it/s]

  0%|        | 45/10236 [00:01<04:28, 37.96it/s]

  0%|        | 49/10236 [00:01<06:11, 27.39it/s]

  1%|        | 53/10236 [00:01<07:33, 22.47it/s]
```

```
1%|          | 56/10236 [00:01<08:31, 19.91it/s]

1%|          | 59/10236 [00:02<09:10, 18.48it/s]

1%|          | 62/10236 [00:02<09:37, 17.61it/s]

1%|          | 64/10236 [00:02<10:09, 16.69it/s]

1%|          | 66/10236 [00:02<10:29, 16.17it/s]

1%|          | 68/10236 [00:02<10:35, 16.01it/s]

1%|          | 70/10236 [00:02<10:39, 15.90it/s]

1%|          | 75/10236 [00:02<08:32, 19.82it/s]

1%|          | 80/10236 [00:02<07:03, 23.98it/s]

1%|          | 85/10236 [00:03<06:00, 28.18it/s]

1%|          | 90/10236 [00:03<05:15, 32.15it/s]

1%|          | 95/10236 [00:03<04:48, 35.13it/s]

1%|          | 100/10236 [00:03<04:25, 38.12it/s]

1%|          | 105/10236 [00:03<04:13, 40.01it/s]

1%|          | 110/10236 [00:03<04:06, 41.07it/s]

1%|          | 115/10236 [00:03<04:00, 42.14it/s]

1%|          | 120/10236 [00:03<04:07, 40.79it/s]

1%|          | 125/10236 [00:03<04:07, 40.80it/s]

1%|          | 130/10236 [00:04<04:01, 41.77it/s]

1%|          | 135/10236 [00:04<03:55, 42.91it/s]

1%|          | 140/10236 [00:04<05:33, 30.28it/s]

1%|          | 144/10236 [00:04<06:56, 24.25it/s]

1%|          | 148/10236 [00:04<07:56, 21.18it/s]

1%|          | 151/10236 [00:05<08:45, 19.19it/s]
```

```
2%|              | 154/10236 [00:05<09:19, 18.03it/s]

2%|              | 157/10236 [00:05<09:33, 17.59it/s]

2%|              | 159/10236 [00:05<09:50, 17.07it/s]

2%|              | 161/10236 [00:05<10:24, 16.12it/s]

2%|              | 164/10236 [00:05<09:16, 18.11it/s]

2%|              | 169/10236 [00:06<07:33, 22.20it/s]

2%|              | 174/10236 [00:06<06:24, 26.19it/s]

2%|              | 179/10236 [00:06<05:34, 30.09it/s]

2%|              | 184/10236 [00:06<04:57, 33.75it/s]

2%|              | 189/10236 [00:06<04:35, 36.50it/s]

2%|              | 194/10236 [00:06<04:24, 37.91it/s]

2%|              | 199/10236 [00:06<04:14, 39.38it/s]

2%|              | 204/10236 [00:06<04:12, 39.65it/s]

2%|              | 209/10236 [00:06<04:06, 40.72it/s]

2%|              | 214/10236 [00:07<04:10, 40.06it/s]

2%|              | 219/10236 [00:07<04:01, 41.42it/s]

2%|              | 224/10236 [00:07<03:57, 42.15it/s]

2%|              | 229/10236 [00:07<04:44, 35.16it/s]

2%|              | 233/10236 [00:07<06:24, 26.04it/s]

2%|              | 237/10236 [00:07<07:30, 22.19it/s]

2%|              | 240/10236 [00:08<08:21, 19.93it/s]

2%|              | 243/10236 [00:08<09:10, 18.15it/s]

2%|              | 246/10236 [00:08<09:33, 17.41it/s]

2%|              | 248/10236 [00:08<09:57, 16.73it/s]
```

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2%|          | 250/10236 [00:08<10:14, 16.26it/s]

2%|          | 252/10236 [00:08<10:33, 15.77it/s]

2%|          | 255/10236 [00:09<09:07, 18.22it/s]

3%|          | 260/10236 [00:09<07:27, 22.31it/s]

3%|          | 265/10236 [00:09<06:18, 26.32it/s]

3%|          | 269/10236 [00:09<05:39, 29.32it/s]

3%|          | 274/10236 [00:09<05:03, 32.87it/s]

3%|          | 279/10236 [00:09<04:36, 35.95it/s]

3%|          | 284/10236 [00:09<04:32, 36.53it/s]

3%|          | 288/10236 [00:09<04:36, 36.01it/s]

3%|          | 292/10236 [00:09<04:28, 36.99it/s]

3%|          | 296/10236 [00:10<04:26, 37.31it/s]

3%|          | 301/10236 [00:10<04:17, 38.65it/s]

3%|          | 305/10236 [00:10<04:22, 37.88it/s]

3%|          | 309/10236 [00:10<04:35, 36.06it/s]

3%|          | 314/10236 [00:10<04:48, 34.42it/s]

3%|          | 318/10236 [00:10<06:30, 25.40it/s]

3%|          | 321/10236 [00:11<07:47, 21.21it/s]

3%|          | 324/10236 [00:11<09:43, 17.00it/s]

3%|          | 327/10236 [00:11<10:20, 15.98it/s]

3%|          | 329/10236 [00:11<10:31, 15.69it/s]

3%|          | 331/10236 [00:11<11:38, 14.18it/s]

3%|          | 333/10236 [00:11<11:46, 14.03it/s]

3%|          | 335/10236 [00:12<12:08, 13.60it/s]
```

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3%|          | 340/10236 [00:12<09:36, 17.17it/s]

3%|          | 345/10236 [00:12<07:51, 20.97it/s]

3%|          | 350/10236 [00:12<06:37, 24.85it/s]

3%|          | 355/10236 [00:12<05:45, 28.59it/s]

4%|          | 359/10236 [00:12<05:20, 30.80it/s]

4%|          | 364/10236 [00:12<04:48, 34.17it/s]

4%|          | 369/10236 [00:12<04:26, 36.96it/s]

4%|          | 374/10236 [00:12<04:13, 38.95it/s]

4%|          | 379/10236 [00:13<04:13, 38.90it/s]

4%|          | 384/10236 [00:13<04:04, 40.32it/s]

4%|          | 389/10236 [00:13<04:06, 39.96it/s]

4%|          | 394/10236 [00:13<04:12, 39.05it/s]

4%|          | 398/10236 [00:13<04:23, 37.31it/s]

4%|          | 402/10236 [00:13<06:18, 25.98it/s]

4%|          | 406/10236 [00:14<07:39, 21.39it/s]

4%|          | 409/10236 [00:14<09:05, 18.03it/s]

4%|          | 412/10236 [00:14<10:00, 16.37it/s]

4%|          | 414/10236 [00:14<10:32, 15.53it/s]

4%|          | 416/10236 [00:14<11:02, 14.83it/s]

4%|          | 418/10236 [00:15<11:08, 14.68it/s]

4%|          | 420/10236 [00:15<11:18, 14.46it/s]

4%|          | 424/10236 [00:15<09:20, 17.50it/s]

4%|          | 429/10236 [00:15<07:41, 21.25it/s]

4%|          | 434/10236 [00:15<06:31, 25.02it/s]
```

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4%|          | 439/10236 [00:15<05:40, 28.79it/s]

4%|          | 444/10236 [00:15<05:04, 32.12it/s]

4%|          | 449/10236 [00:15<04:41, 34.76it/s]

4%|          | 454/10236 [00:15<04:24, 37.03it/s]

4%|          | 459/10236 [00:16<04:11, 38.91it/s]

5%|          | 464/10236 [00:16<04:05, 39.73it/s]

5%|          | 469/10236 [00:16<04:01, 40.48it/s]

5%|          | 474/10236 [00:16<03:55, 41.46it/s]

5%|          | 479/10236 [00:16<03:50, 42.36it/s]

5%|          | 484/10236 [00:16<03:47, 42.77it/s]

5%|          | 489/10236 [00:16<05:21, 30.31it/s]

5%|          | 493/10236 [00:17<06:44, 24.10it/s]

5%|          | 496/10236 [00:17<07:41, 21.10it/s]

5%|          | 499/10236 [00:17<08:20, 19.44it/s]

5%|          | 502/10236 [00:17<09:00, 18.02it/s]

5%|          | 505/10236 [00:17<09:25, 17.21it/s]

5%|          | 507/10236 [00:18<09:54, 16.37it/s]

5%|          | 509/10236 [00:18<10:05, 16.06it/s]

5%|          | 511/10236 [00:18<09:57, 16.27it/s]

5%|          | 516/10236 [00:18<08:00, 20.22it/s]

5%|          | 521/10236 [00:18<06:41, 24.18it/s]

5%|          | 526/10236 [00:18<05:46, 28.04it/s]

5%|          | 531/10236 [00:18<05:04, 31.82it/s]

5%|          | 535/10236 [00:18<04:48, 33.65it/s]
```

```
5%|          | 540/10236 [00:18<04:27, 36.26it/s]

5%|          | 545/10236 [00:19<04:11, 38.59it/s]

5%|          | 550/10236 [00:19<04:01, 40.03it/s]

5%|          | 555/10236 [00:19<04:04, 39.62it/s]

5%|          | 560/10236 [00:19<03:58, 40.60it/s]

6%|          | 565/10236 [00:19<04:01, 40.05it/s]

6%|          | 570/10236 [00:19<03:54, 41.25it/s]

6%|          | 575/10236 [00:19<04:28, 35.98it/s]

6%|          | 579/10236 [00:20<06:06, 26.32it/s]

6%|          | 583/10236 [00:20<07:13, 22.26it/s]

6%|          | 586/10236 [00:20<07:59, 20.10it/s]

6%|          | 589/10236 [00:20<08:38, 18.59it/s]

6%|          | 592/10236 [00:20<09:10, 17.53it/s]

6%|          | 594/10236 [00:21<09:31, 16.88it/s]

6%|          | 596/10236 [00:21<09:40, 16.61it/s]

6%|          | 598/10236 [00:21<10:10, 15.78it/s]

6%|          | 600/10236 [00:21<09:41, 16.58it/s]

6%|          | 605/10236 [00:21<07:47, 20.60it/s]

6%|          | 610/10236 [00:21<06:26, 24.91it/s]

6%|          | 615/10236 [00:21<05:34, 28.75it/s]

6%|          | 620/10236 [00:21<04:58, 32.26it/s]

6%|          | 624/10236 [00:21<04:41, 34.09it/s]

6%|          | 629/10236 [00:22<04:19, 37.03it/s]

6%|          | 634/10236 [00:22<04:04, 39.28it/s]
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6%|          | 639/10236 [00:22<03:54, 40.98it/s]

6%|          | 644/10236 [00:22<03:48, 42.06it/s]

6%|          | 649/10236 [00:22<03:40, 43.43it/s]

6%|          | 654/10236 [00:22<03:52, 41.19it/s]

6%|          | 659/10236 [00:22<03:54, 40.83it/s]

6%|          | 664/10236 [00:22<03:47, 42.10it/s]

7%|          | 669/10236 [00:23<05:23, 29.54it/s]

7%|          | 673/10236 [00:23<06:37, 24.05it/s]

7%|          | 676/10236 [00:23<07:32, 21.12it/s]

7%|          | 679/10236 [00:23<08:16, 19.24it/s]

7%|          | 682/10236 [00:23<08:49, 18.06it/s]

7%|          | 685/10236 [00:24<09:11, 17.30it/s]

7%|          | 687/10236 [00:24<09:32, 16.67it/s]

7%|          | 689/10236 [00:24<09:44, 16.34it/s]

7%|          | 691/10236 [00:24<09:33, 16.65it/s]

7%|          | 696/10236 [00:24<07:40, 20.74it/s]

7%|          | 701/10236 [00:24<06:22, 24.93it/s]

7%|          | 706/10236 [00:24<05:28, 29.00it/s]

7%|          | 711/10236 [00:24<04:49, 32.86it/s]

7%|          | 716/10236 [00:25<04:23, 36.18it/s]

7%|          | 721/10236 [00:25<04:04, 38.92it/s]

7%|          | 726/10236 [00:25<03:51, 40.99it/s]

7%|          | 731/10236 [00:25<03:56, 40.15it/s]

7%|          | 736/10236 [00:25<03:46, 41.92it/s]
```

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7%|          | 741/10236 [00:25<03:41, 42.89it/s]

7%|          | 746/10236 [00:25<03:38, 43.42it/s]

7%|          | 751/10236 [00:25<03:36, 43.87it/s]

7%|          | 756/10236 [00:25<03:38, 43.32it/s]

7%|          | 761/10236 [00:26<04:49, 32.70it/s]

7%|          | 765/10236 [00:26<06:19, 24.97it/s]

8%|          | 769/10236 [00:26<07:17, 21.64it/s]

8%|          | 772/10236 [00:26<08:13, 19.19it/s]

8%|          | 775/10236 [00:27<08:40, 18.17it/s]

8%|          | 778/10236 [00:27<09:02, 17.45it/s]

8%|          | 780/10236 [00:27<09:18, 16.93it/s]

8%|          | 782/10236 [00:27<09:32, 16.50it/s]

8%|          | 784/10236 [00:27<09:26, 16.68it/s]

8%|          | 788/10236 [00:27<07:51, 20.05it/s]

8%|          | 792/10236 [00:27<06:43, 23.39it/s]

8%|          | 797/10236 [00:27<05:51, 26.87it/s]

8%|          | 801/10236 [00:28<05:27, 28.79it/s]

8%|          | 805/10236 [00:28<05:11, 30.26it/s]

8%|          | 809/10236 [00:28<05:00, 31.42it/s]

8%|          | 814/10236 [00:28<04:38, 33.89it/s]

8%|          | 818/10236 [00:28<04:33, 34.49it/s]

8%|          | 822/10236 [00:28<04:38, 33.83it/s]

8%|          | 827/10236 [00:28<04:20, 36.05it/s]

8%|          | 832/10236 [00:28<04:04, 38.42it/s]
```

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8%|           | 836/10236 [00:28<04:13, 37.15it/s]

8%|           | 841/10236 [00:29<04:22, 35.85it/s]

8%|           | 845/10236 [00:29<05:55, 26.41it/s]

8%|           | 849/10236 [00:29<06:59, 22.39it/s]

8%|           | 852/10236 [00:29<07:55, 19.73it/s]

8%|           | 855/10236 [00:30<08:29, 18.40it/s]

8%|           | 858/10236 [00:30<09:00, 17.36it/s]

8%|           | 860/10236 [00:30<09:18, 16.78it/s]

8%|           | 862/10236 [00:30<09:30, 16.44it/s]

8%|           | 864/10236 [00:30<09:47, 15.95it/s]

8%|           | 866/10236 [00:30<09:37, 16.22it/s]

9%|           | 871/10236 [00:30<07:46, 20.10it/s]

9%|           | 876/10236 [00:30<06:24, 24.36it/s]

9%|           | 881/10236 [00:31<05:28, 28.49it/s]

9%|           | 886/10236 [00:31<04:50, 32.13it/s]

9%|           | 891/10236 [00:31<04:25, 35.21it/s]

9%|           | 896/10236 [00:31<04:05, 37.98it/s]

9%|           | 901/10236 [00:31<03:53, 40.01it/s]

9%|           | 906/10236 [00:31<03:47, 41.07it/s]

9%|           | 911/10236 [00:31<03:49, 40.55it/s]

9%|           | 916/10236 [00:31<03:48, 40.81it/s]

9%|           | 921/10236 [00:31<03:41, 42.04it/s]

9%|           | 926/10236 [00:32<03:42, 41.92it/s]

9%|           | 931/10236 [00:32<04:05, 37.94it/s]
```

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 9%|         | 935/10236 [00:32<05:39, 27.38it/s]

 9%|         | 939/10236 [00:32<06:52, 22.53it/s]

 9%|         | 942/10236 [00:32<07:48, 19.85it/s]

 9%|         | 945/10236 [00:33<08:25, 18.40it/s]

 9%|         | 948/10236 [00:33<08:50, 17.52it/s]

 9%|         | 950/10236 [00:33<09:05, 17.01it/s]

 9%|         | 952/10236 [00:33<09:18, 16.63it/s]

 9%|         | 954/10236 [00:33<09:37, 16.07it/s]

 9%|         | 956/10236 [00:33<09:54, 15.60it/s]

 9%|         | 961/10236 [00:33<07:59, 19.36it/s]

 9%|         | 966/10236 [00:34<06:35, 23.45it/s]

 9%|         | 971/10236 [00:34<05:36, 27.52it/s]

10%|         | 976/10236 [00:34<04:54, 31.39it/s]

10%|         | 981/10236 [00:34<04:25, 34.85it/s]

10%|         | 986/10236 [00:34<04:06, 37.51it/s]

10%|         | 991/10236 [00:34<04:04, 37.80it/s]

10%|         | 996/10236 [00:34<03:50, 40.06it/s]

10%|         | 1001/10236 [00:34<03:44, 41.05it/s]

10%|         | 1006/10236 [00:34<03:44, 41.14it/s]

10%|         | 1011/10236 [00:35<03:44, 41.04it/s]

10%|         | 1016/10236 [00:35<03:39, 41.94it/s]

10%|         | 1021/10236 [00:35<03:35, 42.67it/s]

10%|         | 1026/10236 [00:35<05:14, 29.31it/s]

10%|         | 1030/10236 [00:35<06:32, 23.44it/s]
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10%|          | 1033/10236 [00:36<07:29, 20.45it/s]

10%|          | 1036/10236 [00:36<08:05, 18.95it/s]

10%|          | 1039/10236 [00:36<08:28, 18.10it/s]

10%|          | 1042/10236 [00:36<08:43, 17.56it/s]

10%|          | 1044/10236 [00:36<09:01, 16.98it/s]

10%|          | 1046/10236 [00:36<09:18, 16.46it/s]

10%|          | 1048/10236 [00:36<08:57, 17.09it/s]

10%|          | 1053/10236 [00:37<07:13, 21.18it/s]

10%|          | 1058/10236 [00:37<06:04, 25.19it/s]

10%|          | 1063/10236 [00:37<05:11, 29.47it/s]

10%|          | 1068/10236 [00:37<04:35, 33.33it/s]

10%|          | 1073/10236 [00:37<04:12, 36.26it/s]

11%|          | 1078/10236 [00:37<04:01, 37.88it/s]

11%|          | 1083/10236 [00:37<03:50, 39.65it/s]

11%|          | 1088/10236 [00:37<03:42, 41.16it/s]

11%|          | 1093/10236 [00:37<03:37, 42.07it/s]

11%|          | 1098/10236 [00:38<03:39, 41.70it/s]

11%|          | 1103/10236 [00:38<03:31, 43.09it/s]

11%|          | 1108/10236 [00:38<03:29, 43.64it/s]

11%|          | 1113/10236 [00:38<03:27, 43.93it/s]

11%|          | 1118/10236 [00:38<04:43, 32.19it/s]

11%|          | 1122/10236 [00:38<06:10, 24.60it/s]

11%|          | 1126/10236 [00:39<07:09, 21.22it/s]

11%|          | 1129/10236 [00:39<07:53, 19.25it/s]
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11%|          | 1132/10236 [00:39<08:16, 18.35it/s]

11%|          | 1135/10236 [00:39<08:30, 17.84it/s]

11%|          | 1137/10236 [00:39<08:58, 16.90it/s]

11%|          | 1139/10236 [00:39<09:26, 16.07it/s]

11%|          | 1141/10236 [00:40<09:02, 16.78it/s]

11%|          | 1146/10236 [00:40<07:18, 20.72it/s]

11%|          | 1151/10236 [00:40<06:03, 24.99it/s]

11%|          | 1156/10236 [00:40<05:11, 29.12it/s]

11%|          | 1161/10236 [00:40<04:40, 32.33it/s]

11%|          | 1165/10236 [00:40<04:29, 33.63it/s]

11%|          | 1169/10236 [00:40<04:27, 33.91it/s]

11%|          | 1174/10236 [00:40<04:10, 36.13it/s]

12%|          | 1178/10236 [00:40<04:25, 34.15it/s]

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12%|          | 1186/10236 [00:41<04:55, 30.60it/s]

12%|          | 1191/10236 [00:41<04:31, 33.34it/s]

12%|          | 1196/10236 [00:41<04:15, 35.40it/s]

12%|          | 1200/10236 [00:41<05:29, 27.46it/s]

12%|          | 1204/10236 [00:41<06:54, 21.78it/s]

12%|          | 1207/10236 [00:42<07:57, 18.90it/s]

12%|          | 1210/10236 [00:42<08:26, 17.80it/s]

12%|          | 1213/10236 [00:42<08:43, 17.22it/s]

12%|          | 1215/10236 [00:42<09:03, 16.61it/s]

12%|          | 1217/10236 [00:42<09:15, 16.23it/s]
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12%|          | 1221/10236 [00:43<10:34, 14.20it/s]

12%|          | 1225/10236 [00:43<08:33, 17.56it/s]

12%|          | 1230/10236 [00:43<06:57, 21.59it/s]

12%|          | 1235/10236 [00:43<05:50, 25.70it/s]

12%|          | 1239/10236 [00:43<05:17, 28.29it/s]

12%|          | 1244/10236 [00:43<04:43, 31.70it/s]

12%|          | 1249/10236 [00:43<04:23, 34.05it/s]

12%|          | 1254/10236 [00:43<04:09, 35.98it/s]

12%|          | 1259/10236 [00:44<03:55, 38.10it/s]

12%|          | 1264/10236 [00:44<03:51, 38.76it/s]

12%|          | 1269/10236 [00:44<03:55, 38.09it/s]

12%|          | 1274/10236 [00:44<03:46, 39.56it/s]

12%|          | 1279/10236 [00:44<03:49, 38.97it/s]

13%|          | 1284/10236 [00:44<04:01, 37.07it/s]

13%|          | 1288/10236 [00:44<05:44, 25.97it/s]

13%|          | 1292/10236 [00:45<06:48, 21.92it/s]

13%|          | 1295/10236 [00:45<07:28, 19.93it/s]

13%|          | 1298/10236 [00:45<07:57, 18.72it/s]

13%|          | 1301/10236 [00:45<08:26, 17.65it/s]

13%|          | 1303/10236 [00:45<08:52, 16.76it/s]

13%|          | 1305/10236 [00:46<09:23, 15.85it/s]

13%|          | 1307/10236 [00:46<09:30, 15.65it/s]

13%|          | 1309/10236 [00:46<09:13, 16.14it/s]
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13%|          | 1339/10236 [00:46<03:56, 37.62it/s]

13%|          | 1344/10236 [00:47<03:47, 39.11it/s]

13%|          | 1349/10236 [00:47<03:43, 39.82it/s]

13%|          | 1354/10236 [00:47<03:47, 38.99it/s]

13%|          | 1359/10236 [00:47<03:41, 39.99it/s]

13%|          | 1364/10236 [00:47<03:37, 40.73it/s]

13%|          | 1369/10236 [00:47<03:36, 41.05it/s]

13%|          | 1374/10236 [00:47<03:57, 37.26it/s]

13%|          | 1378/10236 [00:48<05:41, 25.92it/s]

14%|          | 1382/10236 [00:48<06:43, 21.95it/s]

14%|          | 1385/10236 [00:48<07:23, 19.98it/s]

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14%|          | 1394/10236 [00:49<08:29, 17.35it/s]

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14%|          | 1402/10236 [00:49<07:30, 19.61it/s]

14%|          | 1407/10236 [00:49<06:12, 23.70it/s]

14%|          | 1412/10236 [00:49<05:16, 27.87it/s]
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14%|          | 1422/10236 [00:49<04:12, 34.84it/s]

14%|          | 1427/10236 [00:49<03:59, 36.74it/s]

14%|          | 1432/10236 [00:50<03:52, 37.83it/s]

14%|          | 1437/10236 [00:50<03:44, 39.27it/s]

14%|          | 1442/10236 [00:50<03:40, 39.90it/s]

14%|          | 1447/10236 [00:50<03:32, 41.40it/s]

14%|          | 1452/10236 [00:50<03:39, 40.11it/s]

14%|          | 1457/10236 [00:50<03:34, 40.94it/s]

14%|          | 1462/10236 [00:50<03:29, 41.82it/s]

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15%|          | 1491/10236 [00:52<08:05, 18.02it/s]

15%|          | 1496/10236 [00:52<06:36, 22.07it/s]

15%|          | 1501/10236 [00:52<05:32, 26.27it/s]

15%|          | 1506/10236 [00:52<04:49, 30.20it/s]

15%|          | 1511/10236 [00:52<04:16, 34.03it/s]

15%|          | 1516/10236 [00:53<04:13, 34.44it/s]
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15%|          | 1521/10236 [00:53<03:54, 37.20it/s]

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15%|          | 1531/10236 [00:53<03:33, 40.85it/s]

15%|          | 1536/10236 [00:53<03:26, 42.06it/s]

15%|          | 1541/10236 [00:53<03:45, 38.51it/s]

15%|          | 1546/10236 [00:53<03:41, 39.32it/s]

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15%|          | 1581/10236 [00:54<03:31, 40.99it/s]

15%|          | 1586/10236 [00:54<03:26, 41.83it/s]

16%|          | 1591/10236 [00:54<03:32, 40.66it/s]

16%|          | 1596/10236 [00:55<03:29, 41.18it/s]

16%|          | 1601/10236 [00:55<03:26, 41.76it/s]

16%|          | 1606/10236 [00:55<03:29, 41.19it/s]

16%|          | 1611/10236 [00:55<03:22, 42.54it/s]

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16%|          | 1620/10236 [00:55<05:37, 25.53it/s]

16%|          | 1624/10236 [00:56<06:47, 21.12it/s]

16%|          | 1627/10236 [00:56<07:28, 19.21it/s]

16%|          | 1630/10236 [00:56<07:56, 18.08it/s]
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16%|          | 1633/10236 [00:56<08:11, 17.49it/s]

16%|          | 1635/10236 [00:56<08:28, 16.91it/s]

16%|          | 1637/10236 [00:56<08:43, 16.43it/s]

16%|          | 1642/10236 [00:57<07:00, 20.44it/s]

16%|          | 1647/10236 [00:57<05:51, 24.45it/s]

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16%|          | 1657/10236 [00:57<04:27, 32.12it/s]

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17%|          | 1696/10236 [00:58<03:32, 40.15it/s]

17%|          | 1701/10236 [00:58<04:15, 33.35it/s]

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17%|          | 1709/10236 [00:59<06:28, 21.92it/s]

17%|          | 1712/10236 [00:59<07:18, 19.44it/s]

17%|          | 1715/10236 [00:59<07:46, 18.25it/s]

17%|          | 1718/10236 [00:59<08:09, 17.41it/s]

17%|          | 1720/10236 [00:59<08:30, 16.70it/s]

17%|          | 1722/10236 [00:59<08:47, 16.15it/s]

17%|          | 1724/10236 [01:00<09:18, 15.23it/s]
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17%|          | 1728/10236 [01:00<07:42, 18.39it/s]

17%|          | 1733/10236 [01:00<06:20, 22.34it/s]

17%|          | 1738/10236 [01:00<05:23, 26.24it/s]

17%|          | 1743/10236 [01:00<04:41, 30.13it/s]

17%|          | 1748/10236 [01:00<04:11, 33.79it/s]

17%|          | 1753/10236 [01:00<03:52, 36.45it/s]

17%|          | 1758/10236 [01:00<03:47, 37.32it/s]

17%|          | 1763/10236 [01:00<03:42, 38.16it/s]

17%|          | 1768/10236 [01:01<03:36, 39.20it/s]

17%|          | 1773/10236 [01:01<03:38, 38.71it/s]

17%|          | 1778/10236 [01:01<03:29, 40.42it/s]

17%|          | 1783/10236 [01:01<03:36, 39.04it/s]

17%|          | 1788/10236 [01:01<03:26, 41.00it/s]

18%|          | 1793/10236 [01:01<03:20, 42.06it/s]

18%|          | 1798/10236 [01:01<03:20, 42.14it/s]

18%|          | 1803/10236 [01:01<03:18, 42.57it/s]

18%|          | 1808/10236 [01:02<03:24, 41.23it/s]

18%|          | 1813/10236 [01:02<03:24, 41.10it/s]

18%|          | 1818/10236 [01:02<03:25, 40.99it/s]

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18%|          | 1828/10236 [01:02<03:18, 42.39it/s]

18%|          | 1833/10236 [01:02<03:26, 40.73it/s]

18%|          | 1838/10236 [01:02<03:23, 41.30it/s]

18%|          | 1843/10236 [01:02<03:20, 41.80it/s]
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18%|          | 1848/10236 [01:02<03:17, 42.39it/s]

18%|          | 1853/10236 [01:03<04:15, 32.75it/s]

18%|          | 1857/10236 [01:03<05:35, 24.95it/s]

18%|          | 1861/10236 [01:03<06:32, 21.33it/s]

18%|          | 1864/10236 [01:03<07:14, 19.27it/s]

18%|          | 1867/10236 [01:04<07:56, 17.55it/s]

18%|          | 1870/10236 [01:04<08:14, 16.90it/s]

18%|          | 1872/10236 [01:04<08:24, 16.58it/s]

18%|          | 1874/10236 [01:04<08:44, 15.95it/s]

18%|          | 1877/10236 [01:04<07:40, 18.16it/s]

18%|          | 1882/10236 [01:04<06:15, 22.22it/s]

18%|          | 1887/10236 [01:04<05:15, 26.45it/s]

18%|          | 1892/10236 [01:04<04:35, 30.29it/s]

19%|          | 1897/10236 [01:05<04:10, 33.33it/s]

19%|          | 1902/10236 [01:05<03:49, 36.26it/s]

19%|          | 1907/10236 [01:05<03:45, 36.98it/s]

19%|          | 1912/10236 [01:05<03:34, 38.89it/s]

19%|          | 1917/10236 [01:05<03:27, 40.07it/s]

19%|          | 1922/10236 [01:05<03:26, 40.33it/s]

19%|          | 1927/10236 [01:05<03:22, 41.08it/s]

19%|          | 1932/10236 [01:05<03:23, 40.71it/s]

19%|          | 1937/10236 [01:06<03:18, 41.87it/s]

19%|          | 1942/10236 [01:06<04:21, 31.75it/s]

19%|          | 1946/10236 [01:06<05:31, 25.03it/s]
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19%|          | 1956/10236 [01:07<07:43, 17.86it/s]

19%|          | 1959/10236 [01:07<08:09, 16.93it/s]

19%|          | 1961/10236 [01:07<08:25, 16.36it/s]

19%|          | 1963/10236 [01:07<08:30, 16.21it/s]

19%|          | 1965/10236 [01:07<08:06, 17.00it/s]

19%|          | 1970/10236 [01:07<06:34, 20.95it/s]

19%|          | 1975/10236 [01:07<05:31, 24.95it/s]

19%|          | 1980/10236 [01:08<04:44, 28.97it/s]

19%|          | 1985/10236 [01:08<04:13, 32.53it/s]

19%|          | 1989/10236 [01:08<04:01, 34.15it/s]

19%|          | 1993/10236 [01:08<03:53, 35.34it/s]

20%|          | 1998/10236 [01:08<03:38, 37.68it/s]

20%|          | 2003/10236 [01:08<03:41, 37.16it/s]

20%|          | 2008/10236 [01:08<03:26, 39.79it/s]

20%|          | 2013/10236 [01:08<03:19, 41.24it/s]

20%|          | 2018/10236 [01:08<03:26, 39.80it/s]

20%|          | 2023/10236 [01:09<03:19, 41.26it/s]

20%|          | 2028/10236 [01:09<03:24, 40.18it/s]

20%|          | 2033/10236 [01:09<04:51, 28.13it/s]

20%|          | 2037/10236 [01:09<05:53, 23.22it/s]

20%|          | 2040/10236 [01:09<06:39, 20.50it/s]

20%|          | 2043/10236 [01:10<07:18, 18.68it/s]
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20%|          | 2055/10236 [01:10<07:41, 17.73it/s]

20%|          | 2060/10236 [01:10<06:14, 21.81it/s]

20%|          | 2065/10236 [01:11<05:16, 25.85it/s]

20%|          | 2070/10236 [01:11<04:33, 29.83it/s]

20%|          | 2075/10236 [01:11<04:05, 33.28it/s]

20%|          | 2080/10236 [01:11<03:49, 35.46it/s]

20%|          | 2085/10236 [01:11<03:36, 37.73it/s]

20%|          | 2090/10236 [01:11<03:24, 39.75it/s]

20%|          | 2095/10236 [01:11<03:30, 38.59it/s]

21%|          | 2100/10236 [01:11<03:25, 39.52it/s]

21%|          | 2105/10236 [01:12<03:28, 39.03it/s]

21%|          | 2110/10236 [01:12<03:26, 39.41it/s]

21%|          | 2115/10236 [01:12<03:18, 40.91it/s]

21%|          | 2120/10236 [01:12<04:19, 31.22it/s]

21%|          | 2124/10236 [01:12<05:40, 23.84it/s]

21%|          | 2127/10236 [01:12<06:28, 20.86it/s]

21%|          | 2130/10236 [01:13<07:50, 17.23it/s]

21%|          | 2133/10236 [01:13<08:32, 15.81it/s]

21%|          | 2135/10236 [01:13<09:01, 14.97it/s]

21%|          | 2137/10236 [01:13<08:57, 15.08it/s]
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21%|          | 2139/10236 [01:13<08:57, 15.07it/s]

21%|          | 2142/10236 [01:13<07:47, 17.31it/s]

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21%|          | 2156/10236 [01:14<04:42, 28.58it/s]

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21%|          | 2165/10236 [01:14<03:59, 33.72it/s]

21%|          | 2170/10236 [01:14<03:41, 36.49it/s]

21%|          | 2175/10236 [01:14<03:27, 38.76it/s]

21%|         | 2180/10236 [01:14<03:24, 39.37it/s]

21%|         | 2185/10236 [01:14<03:14, 41.37it/s]

21%|         | 2190/10236 [01:15<03:12, 41.84it/s]

21%|         | 2195/10236 [01:15<03:27, 38.81it/s]

21%|         | 2200/10236 [01:15<03:28, 38.56it/s]

22%|         | 2204/10236 [01:15<04:30, 29.71it/s]

22%|         | 2208/10236 [01:15<05:55, 22.56it/s]

22%|         | 2211/10236 [01:16<06:51, 19.52it/s]

22%|         | 2214/10236 [01:16<07:32, 17.73it/s]

22%|         | 2217/10236 [01:16<07:43, 17.32it/s]

22%|         | 2219/10236 [01:16<07:57, 16.80it/s]

22%|         | 2221/10236 [01:16<08:11, 16.30it/s]

22%|         | 2223/10236 [01:16<08:25, 15.84it/s]

22%|         | 2226/10236 [01:16<07:18, 18.25it/s]

22%|         | 2231/10236 [01:17<06:01, 22.13it/s]
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22%|          | 2236/10236 [01:17<05:03, 26.40it/s]

22%|          | 2241/10236 [01:17<04:25, 30.15it/s]

22%|          | 2245/10236 [01:17<04:07, 32.30it/s]

22%|          | 2250/10236 [01:17<03:46, 35.34it/s]

22%|          | 2254/10236 [01:17<03:41, 36.03it/s]

22%|          | 2259/10236 [01:17<03:30, 37.86it/s]

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22%|          | 2268/10236 [01:17<03:28, 38.18it/s]

22%|          | 2272/10236 [01:18<03:26, 38.62it/s]

22%|          | 2277/10236 [01:18<03:21, 39.41it/s]

22%|          | 2282/10236 [01:18<03:18, 40.08it/s]

22%|          | 2287/10236 [01:18<04:02, 32.83it/s]

22%|          | 2291/10236 [01:18<05:21, 24.74it/s]

22%|          | 2294/10236 [01:18<06:09, 21.51it/s]

22%|          | 2297/10236 [01:19<06:51, 19.29it/s]

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22%|          | 2303/10236 [01:19<07:29, 17.66it/s]

23%|          | 2305/10236 [01:19<07:45, 17.05it/s]

23%|          | 2307/10236 [01:19<08:11, 16.14it/s]

23%|          | 2309/10236 [01:19<07:48, 16.93it/s]

23%|          | 2314/10236 [01:19<06:18, 20.96it/s]

23%|          | 2319/10236 [01:20<05:16, 25.01it/s]

23%|          | 2324/10236 [01:20<04:33, 28.96it/s]

23%|          | 2329/10236 [01:20<04:03, 32.48it/s]
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23%|          | 2333/10236 [01:20<03:52, 34.03it/s]

23%|          | 2338/10236 [01:20<03:35, 36.57it/s]

23%|          | 2343/10236 [01:20<03:25, 38.35it/s]

23%|          | 2348/10236 [01:20<03:18, 39.75it/s]

23%|          | 2353/10236 [01:20<03:13, 40.66it/s]

23%|          | 2358/10236 [01:20<03:09, 41.67it/s]

23%|          | 2363/10236 [01:21<03:13, 40.68it/s]

23%|          | 2368/10236 [01:21<03:15, 40.34it/s]

23%|          | 2373/10236 [01:21<03:28, 37.66it/s]

23%|          | 2377/10236 [01:21<04:49, 27.14it/s]

23%|          | 2381/10236 [01:21<05:52, 22.25it/s]

23%|          | 2384/10236 [01:22<06:52, 19.04it/s]

23%|          | 2387/10236 [01:22<07:29, 17.46it/s]

23%|          | 2390/10236 [01:22<07:44, 16.87it/s]

23%|          | 2392/10236 [01:22<07:55, 16.49it/s]

23%|          | 2394/10236 [01:22<08:07, 16.10it/s]

23%|          | 2398/10236 [01:22<06:49, 19.12it/s]

23%|          | 2403/10236 [01:22<05:38, 23.13it/s]

24%|          | 2408/10236 [01:23<04:48, 27.11it/s]

24%|          | 2413/10236 [01:23<04:11, 31.11it/s]

24%|          | 2418/10236 [01:23<03:45, 34.63it/s]

24%|          | 2423/10236 [01:23<03:27, 37.62it/s]

24%|          | 2428/10236 [01:23<03:26, 37.84it/s]

24%|          | 2433/10236 [01:23<03:17, 39.45it/s]
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24%|          | 2438/10236 [01:23<03:11, 40.64it/s]

24%|          | 2443/10236 [01:23<03:07, 41.64it/s]

24%|          | 2448/10236 [01:23<03:05, 41.89it/s]

24%|          | 2453/10236 [01:24<03:05, 42.04it/s]

24%|          | 2458/10236 [01:24<03:11, 40.62it/s]

24%|          | 2463/10236 [01:24<04:17, 30.17it/s]

24%|          | 2467/10236 [01:24<05:19, 24.32it/s]

24%|          | 2470/10236 [01:24<06:12, 20.84it/s]

24%|          | 2473/10236 [01:25<06:50, 18.92it/s]

24%|          | 2476/10236 [01:25<07:14, 17.86it/s]

24%|          | 2479/10236 [01:25<07:31, 17.18it/s]

24%|          | 2481/10236 [01:25<07:45, 16.67it/s]

24%|          | 2483/10236 [01:25<07:40, 16.82it/s]

24%|          | 2488/10236 [01:25<06:12, 20.82it/s]

24%|          | 2493/10236 [01:25<05:10, 24.93it/s]

24%|          | 2498/10236 [01:26<04:28, 28.78it/s]

24%|          | 2503/10236 [01:26<03:58, 32.45it/s]

25%|          | 2508/10236 [01:26<03:38, 35.35it/s]

25%|          | 2513/10236 [01:26<03:30, 36.76it/s]

25%|          | 2518/10236 [01:26<03:17, 39.06it/s]

25%|          | 2523/10236 [01:26<03:10, 40.54it/s]

25%|          | 2528/10236 [01:26<03:05, 41.51it/s]

25%|          | 2533/10236 [01:26<03:02, 42.30it/s]

25%|          | 2538/10236 [01:26<03:07, 41.14it/s]
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25%|          | 2543/10236 [01:27<03:08, 40.87it/s]

25%|          | 2548/10236 [01:27<03:27, 37.02it/s]

25%|          | 2552/10236 [01:27<04:45, 26.90it/s]

25%|          | 2556/10236 [01:27<05:37, 22.73it/s]

25%|          | 2559/10236 [01:27<06:16, 20.38it/s]

25%|          | 2562/10236 [01:28<06:56, 18.41it/s]

25%|          | 2565/10236 [01:28<07:20, 17.42it/s]

25%|          | 2567/10236 [01:28<07:39, 16.71it/s]

25%|          | 2569/10236 [01:28<07:49, 16.32it/s]

25%|          | 2571/10236 [01:28<07:29, 17.06it/s]

25%|          | 2576/10236 [01:28<06:01, 21.22it/s]

25%|          | 2581/10236 [01:28<05:00, 25.44it/s]

25%|          | 2586/10236 [01:29<04:21, 29.29it/s]

25%|          | 2591/10236 [01:29<03:51, 32.98it/s]

25%|          | 2596/10236 [01:29<03:29, 36.39it/s]

25%|          | 2601/10236 [01:29<03:14, 39.19it/s]

25%|          | 2606/10236 [01:29<03:15, 39.12it/s]

26%|          | 2611/10236 [01:29<03:04, 41.42it/s]

26%|          | 2616/10236 [01:29<02:57, 42.88it/s]

26%|          | 2621/10236 [01:29<02:54, 43.61it/s]

26%|          | 2626/10236 [01:29<02:55, 43.38it/s]

26%|          | 2631/10236 [01:30<02:55, 43.35it/s]

26%|          | 2636/10236 [01:30<02:57, 42.76it/s]

26%|          | 2641/10236 [01:30<04:09, 30.40it/s]
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26%|          | 2645/10236 [01:30<05:14, 24.10it/s]

26%|          | 2648/10236 [01:30<06:01, 20.98it/s]

26%|          | 2651/10236 [01:31<06:39, 18.98it/s]

26%|          | 2654/10236 [01:31<07:03, 17.90it/s]

26%|          | 2657/10236 [01:31<07:19, 17.23it/s]

26%|          | 2659/10236 [01:31<07:30, 16.82it/s]

26%|          | 2661/10236 [01:31<07:16, 17.34it/s]

26%|          | 2666/10236 [01:31<05:52, 21.48it/s]

26%|          | 2671/10236 [01:31<04:53, 25.82it/s]

26%|          | 2676/10236 [01:31<04:12, 29.88it/s]

26%|          | 2681/10236 [01:32<03:46, 33.32it/s]

26%|          | 2686/10236 [01:32<03:37, 34.64it/s]

26%|          | 2691/10236 [01:32<03:19, 37.75it/s]

26%|          | 2696/10236 [01:32<03:20, 37.67it/s]

26%|          | 2701/10236 [01:32<03:07, 40.12it/s]

26%|          | 2706/10236 [01:32<03:01, 41.47it/s]

26%|          | 2711/10236 [01:32<03:06, 40.31it/s]

27%|          | 2716/10236 [01:32<02:59, 41.88it/s]

27%|          | 2721/10236 [01:32<02:55, 42.90it/s]

27%|          | 2726/10236 [01:33<03:00, 41.52it/s]

27%|          | 2731/10236 [01:33<04:20, 28.80it/s]

27%|          | 2735/10236 [01:33<05:16, 23.73it/s]

27%|          | 2738/10236 [01:33<06:05, 20.50it/s]

27%|          | 2741/10236 [01:34<06:45, 18.50it/s]
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27%|          | 2744/10236 [01:34<07:10, 17.42it/s]

27%|          | 2747/10236 [01:34<07:18, 17.09it/s]

27%|          | 2749/10236 [01:34<07:27, 16.73it/s]

27%|          | 2753/10236 [01:34<06:12, 20.11it/s]

27%|          | 2758/10236 [01:34<05:06, 24.38it/s]

27%|          | 2763/10236 [01:34<04:21, 28.56it/s]

27%|          | 2768/10236 [01:34<03:51, 32.27it/s]

27%|          | 2773/10236 [01:35<03:29, 35.57it/s]

27%|          | 2778/10236 [01:35<03:14, 38.28it/s]

27%|          | 2783/10236 [01:35<03:14, 38.41it/s]

27%|          | 2788/10236 [01:35<03:03, 40.58it/s]

27%|          | 2793/10236 [01:35<03:02, 40.71it/s]

27%|          | 2798/10236 [01:35<02:59, 41.41it/s]

27%|          | 2803/10236 [01:35<02:55, 42.28it/s]

27%|          | 2808/10236 [01:35<02:51, 43.27it/s]

27%|          | 2813/10236 [01:36<02:58, 41.49it/s]

28%|          | 2818/10236 [01:36<04:06, 30.10it/s]

28%|          | 2822/10236 [01:36<05:04, 24.37it/s]

28%|          | 2825/10236 [01:36<05:48, 21.27it/s]

28%|          | 2828/10236 [01:36<06:20, 19.49it/s]

28%|          | 2831/10236 [01:37<06:51, 18.00it/s]

28%|          | 2834/10236 [01:37<07:01, 17.58it/s]

28%|          | 2836/10236 [01:37<07:17, 16.92it/s]

28%|          | 2838/10236 [01:37<07:27, 16.51it/s]
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28%|          | 2843/10236 [01:37<06:02, 20.41it/s]

28%|          | 2848/10236 [01:37<05:02, 24.41it/s]

28%|          | 2853/10236 [01:37<04:20, 28.39it/s]

28%|          | 2858/10236 [01:37<03:49, 32.17it/s]

28%|          | 2863/10236 [01:38<03:30, 35.06it/s]

28%|          | 2868/10236 [01:38<03:14, 37.80it/s]

28%|          | 2873/10236 [01:38<03:03, 40.16it/s]

28%|          | 2878/10236 [01:38<02:58, 41.12it/s]

28%|          | 2883/10236 [01:38<02:53, 42.40it/s]

28%|          | 2888/10236 [01:38<02:56, 41.74it/s]

28%|          | 2893/10236 [01:38<02:51, 42.79it/s]

28%|          | 2898/10236 [01:38<02:54, 42.00it/s]

28%|          | 2903/10236 [01:39<02:59, 40.95it/s]

28%|          | 2908/10236 [01:39<04:16, 28.60it/s]

28%|          | 2912/10236 [01:39<05:09, 23.66it/s]

28%|          | 2915/10236 [01:39<05:51, 20.83it/s]

29%|          | 2918/10236 [01:39<06:21, 19.20it/s]

29%|          | 2921/10236 [01:40<06:48, 17.89it/s]

29%|          | 2924/10236 [01:40<07:03, 17.27it/s]

29%|          | 2926/10236 [01:40<07:12, 16.90it/s]

29%|          | 2928/10236 [01:40<07:18, 16.66it/s]

29%|          | 2930/10236 [01:40<07:31, 16.19it/s]

29%|          | 2932/10236 [01:40<07:33, 16.11it/s]

29%|          | 2934/10236 [01:40<07:39, 15.90it/s]
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29%|          | 2936/10236 [01:41<07:53, 15.41it/s]

29%|          | 2938/10236 [01:41<07:52, 15.44it/s]

29%|          | 2940/10236 [01:41<07:53, 15.42it/s]

29%|          | 2942/10236 [01:41<07:53, 15.41it/s]

29%|          | 2944/10236 [01:41<07:46, 15.64it/s]

29%|          | 2946/10236 [01:41<07:52, 15.44it/s]

29%|          | 2948/10236 [01:41<07:50, 15.49it/s]

29%|          | 2950/10236 [01:41<07:46, 15.61it/s]

29%|          | 2955/10236 [01:42<06:13, 19.48it/s]

29%|          | 2960/10236 [01:42<05:06, 23.72it/s]

29%|          | 2965/10236 [01:42<04:21, 27.81it/s]

29%|          | 2970/10236 [01:42<03:47, 31.92it/s]

29%|          | 2975/10236 [01:42<03:24, 35.42it/s]

29%|          | 2980/10236 [01:42<03:10, 38.08it/s]

29%|          | 2985/10236 [01:42<03:16, 36.85it/s]

29%|          | 2990/10236 [01:42<03:03, 39.53it/s]

29%|          | 2995/10236 [01:42<02:55, 41.29it/s]

29%|          | 3000/10236 [01:43<02:50, 42.34it/s]

29%|          | 3005/10236 [01:43<02:48, 43.02it/s]

29%|          | 3010/10236 [01:43<02:54, 41.44it/s]

29%|          | 3015/10236 [01:43<02:53, 41.61it/s]

30%|          | 3020/10236 [01:43<04:16, 28.10it/s]

30%|          | 3024/10236 [01:44<05:22, 22.33it/s]

30%|          | 3027/10236 [01:44<06:07, 19.59it/s]
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30%|        | 3030/10236 [01:44<06:27, 18.59it/s]

30%|        | 3033/10236 [01:44<06:44, 17.83it/s]

30%|        | 3036/10236 [01:44<06:58, 17.19it/s]

30%|        | 3038/10236 [01:44<07:13, 16.60it/s]

30%|        | 3040/10236 [01:45<07:27, 16.07it/s]

30%|        | 3044/10236 [01:45<06:09, 19.46it/s]

30%|        | 3049/10236 [01:45<05:03, 23.66it/s]

30%|        | 3054/10236 [01:45<04:17, 27.91it/s]

30%|        | 3059/10236 [01:45<03:48, 31.45it/s]

30%|        | 3064/10236 [01:45<03:29, 34.22it/s]

30%|        | 3069/10236 [01:45<03:10, 37.53it/s]

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30%|        | 3084/10236 [01:46<02:50, 42.03it/s]

30%|        | 3089/10236 [01:46<02:49, 42.24it/s]

30%|        | 3094/10236 [01:46<02:55, 40.69it/s]

30%|        | 3099/10236 [01:46<02:50, 41.87it/s]

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30%|        | 3119/10236 [01:46<02:46, 42.79it/s]

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31%|        | 3129/10236 [01:47<02:49, 41.94it/s]

31%|        | 3134/10236 [01:47<02:44, 43.21it/s]
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31%|          | 3159/10236 [01:47<02:50, 41.54it/s]

31%|          | 3164/10236 [01:47<02:45, 42.69it/s]

31%|          | 3169/10236 [01:48<02:49, 41.81it/s]

31%|          | 3174/10236 [01:48<04:07, 28.48it/s]

31%|          | 3178/10236 [01:48<05:04, 23.17it/s]

31%|          | 3181/10236 [01:48<05:47, 20.31it/s]

31%|          | 3184/10236 [01:48<06:20, 18.52it/s]

31%|          | 3187/10236 [01:49<06:39, 17.65it/s]

31%|          | 3190/10236 [01:49<06:47, 17.30it/s]

31%|          | 3192/10236 [01:49<07:01, 16.69it/s]

31%|          | 3194/10236 [01:49<07:08, 16.43it/s]

31%|          | 3197/10236 [01:49<06:15, 18.74it/s]

31%|          | 3202/10236 [01:49<05:07, 22.85it/s]

31%|          | 3207/10236 [01:49<04:19, 27.08it/s]

31%|          | 3212/10236 [01:50<03:46, 30.99it/s]

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31%|          | 3222/10236 [01:50<03:04, 37.92it/s]

32%|          | 3227/10236 [01:50<02:54, 40.12it/s]

32%|          | 3232/10236 [01:50<02:48, 41.62it/s]

32%|          | 3237/10236 [01:50<02:43, 42.88it/s]
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32%|          | 3247/10236 [01:50<02:45, 42.21it/s]

32%|          | 3252/10236 [01:50<02:47, 41.59it/s]

32%|          | 3257/10236 [01:51<02:48, 41.51it/s]

32%|          | 3262/10236 [01:51<03:00, 38.57it/s]

32%|          | 3266/10236 [01:51<04:14, 27.39it/s]

32%|          | 3270/10236 [01:51<05:08, 22.60it/s]

32%|          | 3273/10236 [01:51<05:43, 20.26it/s]

32%|          | 3276/10236 [01:52<06:19, 18.35it/s]

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32%|          | 3281/10236 [01:52<06:47, 17.06it/s]

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32%|          | 3292/10236 [01:52<05:50, 19.80it/s]

32%|          | 3297/10236 [01:52<04:52, 23.70it/s]

32%|          | 3302/10236 [01:53<04:10, 27.73it/s]

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33%|          | 3327/10236 [01:53<02:51, 40.26it/s]

33%|          | 3332/10236 [01:53<02:46, 41.41it/s]

33%|          | 3337/10236 [01:53<02:49, 40.81it/s]
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33%|          | 3352/10236 [01:54<02:39, 43.11it/s]

33%|          | 3357/10236 [01:54<03:42, 30.97it/s]

33%|          | 3361/10236 [01:54<04:40, 24.54it/s]

33%|          | 3365/10236 [01:55<05:27, 20.96it/s]

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33%|          | 3376/10236 [01:55<06:49, 16.75it/s]

33%|          | 3378/10236 [01:55<06:59, 16.36it/s]

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33%|          | 3386/10236 [01:56<05:01, 22.76it/s]

33%|          | 3391/10236 [01:56<04:16, 26.65it/s]

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33%|          | 3416/10236 [01:56<02:47, 40.78it/s]

33%|          | 3421/10236 [01:56<02:48, 40.56it/s]

33%|          | 3426/10236 [01:56<02:40, 42.50it/s]

34%|          | 3431/10236 [01:57<02:35, 43.81it/s]

34%|          | 3436/10236 [01:57<02:34, 44.02it/s]

34%|          | 3441/10236 [01:57<02:39, 42.53it/s]
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34%|          | 3458/10236 [01:58<05:39, 19.98it/s]

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34%|          | 3464/10236 [01:58<07:45, 14.54it/s]

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34%|          | 3478/10236 [01:59<05:12, 21.61it/s]

34%|          | 3483/10236 [01:59<04:20, 25.90it/s]

34%|          | 3488/10236 [01:59<03:46, 29.74it/s]

34%|          | 3493/10236 [01:59<03:22, 33.36it/s]

34%|          | 3498/10236 [01:59<03:05, 36.27it/s]

34%|          | 3503/10236 [01:59<02:55, 38.35it/s]

34%|          | 3508/10236 [01:59<02:54, 38.49it/s]

34%|          | 3513/10236 [01:59<02:49, 39.70it/s]

34%|          | 3518/10236 [02:00<02:44, 40.93it/s]

34%|          | 3523/10236 [02:00<02:41, 41.66it/s]

34%|          | 3528/10236 [02:00<02:44, 40.90it/s]

35%|          | 3533/10236 [02:00<02:37, 42.57it/s]

35%|          | 3538/10236 [02:00<03:48, 29.37it/s]

35%|          | 3542/10236 [02:00<04:42, 23.72it/s]

35%|          | 3545/10236 [02:01<05:21, 20.82it/s]
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35%|          | 3548/10236 [02:01<05:49, 19.14it/s]

35%|          | 3551/10236 [02:01<06:09, 18.11it/s]

35%|          | 3554/10236 [02:01<06:23, 17.43it/s]

35%|          | 3556/10236 [02:01<06:35, 16.90it/s]

35%|          | 3558/10236 [02:01<06:58, 15.97it/s]

35%|          | 3561/10236 [02:02<06:11, 17.95it/s]

35%|          | 3566/10236 [02:02<05:03, 21.97it/s]

35%|          | 3571/10236 [02:02<04:15, 26.09it/s]

35%|          | 3576/10236 [02:02<03:40, 30.20it/s]

35%|          | 3581/10236 [02:02<03:15, 34.09it/s]

35%|          | 3586/10236 [02:02<03:06, 35.59it/s]

35%|          | 3591/10236 [02:02<02:53, 38.34it/s]

35%|          | 3596/10236 [02:02<02:50, 38.95it/s]

35%|          | 3601/10236 [02:03<02:48, 39.41it/s]

35%|          | 3606/10236 [02:03<02:43, 40.46it/s]

35%|          | 3611/10236 [02:03<02:39, 41.58it/s]

35%|          | 3616/10236 [02:03<02:36, 42.32it/s]

35%|          | 3621/10236 [02:03<02:33, 43.18it/s]

35%|          | 3626/10236 [02:03<02:37, 42.08it/s]

35%|          | 3631/10236 [02:03<03:49, 28.82it/s]

36%|          | 3635/10236 [02:04<04:46, 23.08it/s]

36%|          | 3638/10236 [02:04<05:27, 20.17it/s]

36%|          | 3641/10236 [02:04<05:47, 18.97it/s]

36%|          | 3644/10236 [02:04<06:05, 18.01it/s]
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36%|          | 3647/10236 [02:04<06:16, 17.49it/s]

36%|          | 3649/10236 [02:05<06:37, 16.57it/s]

36%|          | 3651/10236 [02:05<06:45, 16.24it/s]

36%|          | 3656/10236 [02:05<05:28, 20.02it/s]

36%|          | 3661/10236 [02:05<04:30, 24.31it/s]

36%|          | 3666/10236 [02:05<03:50, 28.47it/s]

36%|          | 3671/10236 [02:05<03:22, 32.37it/s]

36%|          | 3676/10236 [02:05<03:02, 36.03it/s]

36%|          | 3681/10236 [02:05<02:48, 38.98it/s]

36%|          | 3686/10236 [02:05<02:39, 41.19it/s]

36%|          | 3691/10236 [02:06<02:42, 40.36it/s]

36%|          | 3696/10236 [02:06<02:39, 41.09it/s]

36%|          | 3701/10236 [02:06<02:35, 42.15it/s]

36%|          | 3706/10236 [02:06<02:29, 43.70it/s]

36%|          | 3711/10236 [02:06<02:27, 44.38it/s]

36%|          | 3716/10236 [02:06<02:38, 41.14it/s]

36%|          | 3721/10236 [02:06<03:22, 32.11it/s]

36%|          | 3725/10236 [02:07<04:25, 24.57it/s]

36%|          | 3728/10236 [02:07<05:04, 21.37it/s]

36%|          | 3731/10236 [02:07<05:33, 19.50it/s]

36%|          | 3734/10236 [02:07<05:56, 18.26it/s]

37%|          | 3737/10236 [02:07<06:15, 17.30it/s]

37%|          | 3739/10236 [02:08<06:46, 16.00it/s]

37%|          | 3741/10236 [02:08<07:15, 14.90it/s]
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37%|          | 3743/10236 [02:08<07:07, 15.18it/s]

37%|          | 3748/10236 [02:08<05:40, 19.05it/s]

37%|          | 3753/10236 [02:08<04:38, 23.30it/s]

37%|          | 3758/10236 [02:08<03:55, 27.49it/s]

37%|          | 3763/10236 [02:08<03:28, 31.10it/s]

37%|          | 3768/10236 [02:08<03:06, 34.66it/s]

37%|          | 3773/10236 [02:08<02:52, 37.57it/s]

37%|          | 3778/10236 [02:09<02:44, 39.29it/s]

37%|          | 3783/10236 [02:09<02:37, 40.94it/s]

37%|          | 3788/10236 [02:09<02:31, 42.57it/s]

37%|          | 3793/10236 [02:09<02:35, 41.46it/s]

37%|          | 3798/10236 [02:09<02:28, 43.34it/s]

37%|          | 3803/10236 [02:09<02:24, 44.43it/s]

37%|          | 3808/10236 [02:09<02:23, 44.91it/s]

37%|          | 3813/10236 [02:09<03:09, 33.89it/s]

37%|          | 3817/10236 [02:10<04:20, 24.66it/s]

37%|          | 3821/10236 [02:10<05:00, 21.34it/s]

37%|          | 3824/10236 [02:10<05:26, 19.62it/s]

37%|          | 3827/10236 [02:10<05:46, 18.47it/s]

37%|          | 3830/10236 [02:10<06:06, 17.49it/s]

37%|          | 3832/10236 [02:11<06:23, 16.71it/s]

37%|          | 3834/10236 [02:11<06:32, 16.31it/s]

37%|          | 3836/10236 [02:11<06:34, 16.23it/s]

38%|          | 3841/10236 [02:11<05:19, 20.05it/s]
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38%|          | 3846/10236 [02:11<04:22, 24.31it/s]

38%|          | 3851/10236 [02:11<03:44, 28.47it/s]

38%|          | 3856/10236 [02:11<03:16, 32.40it/s]

38%|          | 3861/10236 [02:11<02:58, 35.62it/s]

38%|          | 3866/10236 [02:12<02:52, 36.99it/s]

38%|          | 3871/10236 [02:12<02:42, 39.23it/s]

38%|          | 3876/10236 [02:12<02:38, 40.12it/s]

38%|          | 3881/10236 [02:12<02:37, 40.31it/s]

38%|          | 3886/10236 [02:12<02:35, 40.72it/s]

38%|          | 3891/10236 [02:12<02:32, 41.65it/s]

38%|          | 3896/10236 [02:12<02:35, 40.69it/s]

38%|          | 3901/10236 [02:12<02:36, 40.51it/s]

38%|          | 3906/10236 [02:13<03:46, 27.92it/s]

38%|          | 3910/10236 [02:13<04:36, 22.90it/s]

38%|          | 3913/10236 [02:13<05:08, 20.50it/s]

38%|          | 3916/10236 [02:13<05:37, 18.75it/s]

38%|          | 3919/10236 [02:14<06:00, 17.54it/s]

38%|          | 3921/10236 [02:14<06:14, 16.86it/s]

38%|          | 3923/10236 [02:14<06:27, 16.30it/s]

38%|          | 3925/10236 [02:14<06:32, 16.07it/s]

38%|          | 3927/10236 [02:14<06:12, 16.93it/s]

38%|          | 3932/10236 [02:14<05:01, 20.88it/s]

38%|          | 3937/10236 [02:14<04:14, 24.78it/s]

39%|          | 3942/10236 [02:14<03:37, 28.89it/s]
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39%|          | 3947/10236 [02:14<03:13, 32.46it/s]

39%|          | 3952/10236 [02:15<02:57, 35.50it/s]

39%|          | 3957/10236 [02:15<02:43, 38.51it/s]

39%|          | 3962/10236 [02:15<02:33, 40.78it/s]

39%|          | 3967/10236 [02:15<02:26, 42.80it/s]

39%|          | 3972/10236 [02:15<02:28, 42.05it/s]

39%|          | 3977/10236 [02:15<02:25, 43.09it/s]

39%|          | 3982/10236 [02:15<02:28, 42.11it/s]

39%|          | 3987/10236 [02:15<02:25, 42.98it/s]

39%|          | 3992/10236 [02:16<02:46, 37.47it/s]

39%|          | 3996/10236 [02:16<03:59, 26.05it/s]

39%|          | 4000/10236 [02:16<04:38, 22.36it/s]

39%|          | 4003/10236 [02:16<05:13, 19.91it/s]

39%|          | 4006/10236 [02:16<05:34, 18.60it/s]

39%|          | 4009/10236 [02:17<05:54, 17.58it/s]

39%|          | 4011/10236 [02:17<06:11, 16.74it/s]

39%|          | 4013/10236 [02:17<06:22, 16.28it/s]

39%|          | 4015/10236 [02:17<06:33, 15.82it/s]

39%|          | 4017/10236 [02:17<06:30, 15.92it/s]

39%|          | 4022/10236 [02:17<05:16, 19.63it/s]

39%|          | 4027/10236 [02:17<04:21, 23.78it/s]

39%|          | 4032/10236 [02:17<03:42, 27.89it/s]

39%|          | 4037/10236 [02:18<03:16, 31.57it/s]

39%|          | 4042/10236 [02:18<02:56, 35.15it/s]
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40%|          | 4047/10236 [02:18<02:44, 37.57it/s]

40%|          | 4052/10236 [02:18<02:39, 38.78it/s]

40%|          | 4057/10236 [02:18<02:31, 40.89it/s]

40%|          | 4062/10236 [02:18<02:26, 42.04it/s]

40%|          | 4067/10236 [02:18<02:32, 40.49it/s]

40%|          | 4072/10236 [02:18<02:27, 41.69it/s]

40%|          | 4077/10236 [02:18<02:26, 41.95it/s]

40%|          | 4082/10236 [02:19<02:43, 37.54it/s]

40%|          | 4086/10236 [02:19<03:48, 26.88it/s]

40%|          | 4090/10236 [02:19<04:33, 22.49it/s]

40%|          | 4093/10236 [02:19<05:11, 19.75it/s]

40%|          | 4096/10236 [02:19<05:38, 18.16it/s]

40%|          | 4099/10236 [02:20<05:56, 17.20it/s]

40%|          | 4101/10236 [02:20<06:07, 16.70it/s]

40%|          | 4103/10236 [02:20<06:11, 16.50it/s]

40%|          | 4105/10236 [02:20<06:19, 16.17it/s]

40%|          | 4107/10236 [02:20<06:23, 15.97it/s]

40%|          | 4112/10236 [02:20<05:09, 19.80it/s]

40%|          | 4117/10236 [02:20<04:15, 23.98it/s]

40%|          | 4122/10236 [02:21<03:38, 27.98it/s]

40%|          | 4127/10236 [02:21<03:11, 31.89it/s]

40%|          | 4131/10236 [02:21<03:08, 32.38it/s]

40%|          | 4136/10236 [02:21<02:55, 34.84it/s]

40%|          | 4141/10236 [02:21<02:41, 37.82it/s]
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41%|          | 4146/10236 [02:21<02:30, 40.36it/s]

41%|          | 4151/10236 [02:21<02:24, 42.02it/s]

41%|          | 4156/10236 [02:21<02:20, 43.27it/s]

41%|          | 4161/10236 [02:21<02:24, 41.99it/s]

41%|          | 4166/10236 [02:22<02:22, 42.49it/s]

41%|          | 4171/10236 [02:22<02:20, 43.14it/s]

41%|          | 4176/10236 [02:22<03:17, 30.66it/s]

41%|          | 4180/10236 [02:22<04:06, 24.55it/s]

41%|          | 4184/10236 [02:22<04:45, 21.23it/s]

41%|          | 4187/10236 [02:23<05:16, 19.12it/s]

41%|          | 4190/10236 [02:23<05:34, 18.09it/s]

41%|          | 4193/10236 [02:23<05:45, 17.48it/s]

41%|          | 4195/10236 [02:23<05:52, 17.12it/s]

41%|          | 4197/10236 [02:23<06:00, 16.75it/s]

41%|          | 4199/10236 [02:23<05:57, 16.86it/s]

41%|          | 4204/10236 [02:23<04:50, 20.79it/s]

41%|          | 4209/10236 [02:24<04:01, 24.97it/s]

41%|          | 4214/10236 [02:24<03:30, 28.54it/s]

41%|          | 4219/10236 [02:24<03:05, 32.43it/s]

41%|         | 4224/10236 [02:24<02:46, 36.04it/s]

41%|         | 4229/10236 [02:24<02:36, 38.50it/s]

41%|         | 4234/10236 [02:24<02:33, 39.10it/s]

41%|         | 4239/10236 [02:24<02:24, 41.64it/s]

41%|         | 4244/10236 [02:24<02:17, 43.51it/s]
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42%|          | 4249/10236 [02:24<02:21, 42.41it/s]

42%|          | 4254/10236 [02:25<02:19, 42.77it/s]

42%|          | 4259/10236 [02:25<02:20, 42.44it/s]

42%|          | 4264/10236 [02:25<02:21, 42.07it/s]

42%|          | 4269/10236 [02:25<03:23, 29.39it/s]

42%|          | 4273/10236 [02:25<04:09, 23.94it/s]

42%|          | 4276/10236 [02:26<04:50, 20.54it/s]

42%|          | 4279/10236 [02:26<05:15, 18.89it/s]

42%|          | 4282/10236 [02:26<05:30, 18.02it/s]

42%|          | 4285/10236 [02:26<05:45, 17.24it/s]

42%|          | 4287/10236 [02:26<06:02, 16.42it/s]

42%|          | 4289/10236 [02:26<06:04, 16.30it/s]

42%|          | 4292/10236 [02:26<05:19, 18.61it/s]

42%|          | 4297/10236 [02:27<04:25, 22.40it/s]

42%|          | 4302/10236 [02:27<03:45, 26.32it/s]

42%|          | 4307/10236 [02:27<03:16, 30.20it/s]

42%|          | 4312/10236 [02:27<02:55, 33.67it/s]

42%|          | 4316/10236 [02:27<02:53, 34.15it/s]

42%|          | 4320/10236 [02:27<02:56, 33.57it/s]

42%|          | 4324/10236 [02:27<03:03, 32.19it/s]

42%|          | 4328/10236 [02:27<03:16, 30.01it/s]

42%|          | 4332/10236 [02:28<03:02, 32.43it/s]

42%|          | 4336/10236 [02:28<03:02, 32.25it/s]

42%|          | 4340/10236 [02:28<03:01, 32.40it/s]
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42%|          | 4348/10236 [02:28<04:14, 23.15it/s]

43%|          | 4351/10236 [02:28<04:52, 20.11it/s]

43%|          | 4354/10236 [02:29<05:30, 17.79it/s]

43%|          | 4357/10236 [02:29<05:58, 16.42it/s]

43%|          | 4359/10236 [02:29<06:10, 15.86it/s]

43%|          | 4361/10236 [02:29<06:22, 15.38it/s]

43%|          | 4363/10236 [02:29<06:31, 15.00it/s]

43%|          | 4365/10236 [02:29<06:28, 15.12it/s]

43%|          | 4367/10236 [02:30<06:35, 14.82it/s]

43%|          | 4372/10236 [02:30<05:17, 18.47it/s]

43%|          | 4377/10236 [02:30<04:22, 22.35it/s]

43%|          | 4381/10236 [02:30<03:50, 25.40it/s]

43%|          | 4386/10236 [02:30<03:20, 29.21it/s]

43%|          | 4391/10236 [02:30<03:02, 31.99it/s]

43%|          | 4395/10236 [02:30<02:55, 33.37it/s]

43%|          | 4400/10236 [02:30<02:43, 35.79it/s]

43%|          | 4404/10236 [02:30<02:41, 36.01it/s]

43%|          | 4408/10236 [02:31<02:37, 36.98it/s]

43%|          | 4413/10236 [02:31<02:31, 38.52it/s]

43%|          | 4418/10236 [02:31<02:23, 40.51it/s]

43%|          | 4423/10236 [02:31<02:25, 39.94it/s]

43%|          | 4428/10236 [02:31<02:38, 36.64it/s]

43%|          | 4432/10236 [02:31<03:38, 26.52it/s]
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43%|          | 4436/10236 [02:32<04:28, 21.58it/s]

43%|          | 4439/10236 [02:32<05:04, 19.05it/s]

43%|          | 4442/10236 [02:32<05:23, 17.93it/s]

43%|          | 4445/10236 [02:32<05:35, 17.25it/s]

43%|          | 4447/10236 [02:32<06:05, 15.82it/s]

43%|          | 4449/10236 [02:32<06:55, 13.94it/s]

43%|          | 4451/10236 [02:33<06:43, 14.35it/s]

44%|          | 4456/10236 [02:33<05:21, 18.00it/s]

44%|          | 4461/10236 [02:33<04:22, 21.99it/s]

44%|          | 4466/10236 [02:33<03:42, 25.90it/s]

44%|          | 4471/10236 [02:33<03:12, 29.88it/s]

44%|          | 4475/10236 [02:33<03:04, 31.18it/s]

44%|          | 4479/10236 [02:33<02:53, 33.21it/s]

44%|          | 4484/10236 [02:33<02:40, 35.84it/s]

44%|          | 4488/10236 [02:33<02:42, 35.28it/s]

44%|          | 4493/10236 [02:34<02:31, 37.87it/s]

44%|          | 4498/10236 [02:34<02:26, 39.30it/s]

44%|          | 4503/10236 [02:34<02:24, 39.55it/s]

44%|          | 4508/10236 [02:34<02:26, 39.18it/s]

44%|          | 4513/10236 [02:34<02:40, 35.65it/s]

44%|          | 4517/10236 [02:34<03:37, 26.31it/s]

44%|          | 4521/10236 [02:35<04:20, 21.93it/s]

44%|          | 4524/10236 [02:35<05:09, 18.48it/s]

44%|          | 4527/10236 [02:35<06:13, 15.29it/s]
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44%|         | 4529/10236 [02:35<07:00, 13.58it/s]

44%|         | 4531/10236 [02:36<07:41, 12.35it/s]

44%|         | 4535/10236 [02:36<06:09, 15.45it/s]

44%|         | 4540/10236 [02:36<04:55, 19.31it/s]

44%|         | 4545/10236 [02:36<04:02, 23.48it/s]

44%|         | 4549/10236 [02:36<03:34, 26.48it/s]

44%|         | 4554/10236 [02:36<03:07, 30.34it/s]

45%|         | 4558/10236 [02:36<02:59, 31.72it/s]

45%|         | 4563/10236 [02:36<02:41, 35.06it/s]

45%|         | 4568/10236 [02:36<02:28, 38.14it/s]

45%|         | 4573/10236 [02:36<02:24, 39.11it/s]

45%|         | 4578/10236 [02:37<02:24, 39.03it/s]

45%|         | 4583/10236 [02:37<02:20, 40.23it/s]

45%|         | 4588/10236 [02:37<02:28, 37.99it/s]

45%|         | 4592/10236 [02:37<02:33, 36.82it/s]

45%|         | 4596/10236 [02:37<03:38, 25.77it/s]

45%|         | 4600/10236 [02:38<04:46, 19.65it/s]

45%|         | 4603/10236 [02:38<05:35, 16.77it/s]

45%|         | 4606/10236 [02:38<05:51, 16.04it/s]

45%|         | 4608/10236 [02:38<06:28, 14.50it/s]

45%|         | 4610/10236 [02:38<07:00, 13.38it/s]

45%|         | 4612/10236 [02:39<07:00, 13.38it/s]

45%|         | 4614/10236 [02:39<06:32, 14.32it/s]

45%|         | 4618/10236 [02:39<05:16, 17.73it/s]
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45%|          | 4623/10236 [02:39<04:18, 21.70it/s]

45%|          | 4628/10236 [02:39<03:36, 25.88it/s]

45%|          | 4633/10236 [02:39<03:10, 29.37it/s]

45%|          | 4637/10236 [02:39<03:00, 31.03it/s]

45%|          | 4641/10236 [02:39<02:54, 31.97it/s]

45%|          | 4646/10236 [02:39<02:41, 34.63it/s]

45%|          | 4650/10236 [02:40<02:35, 35.97it/s]

45%|          | 4654/10236 [02:40<02:34, 36.07it/s]

46%|          | 4659/10236 [02:40<02:27, 37.90it/s]

46%|          | 4663/10236 [02:40<02:30, 37.10it/s]

46%|          | 4668/10236 [02:40<02:23, 38.75it/s]

46%|          | 4672/10236 [02:40<02:28, 37.34it/s]

46%|          | 4676/10236 [02:40<03:23, 27.25it/s]

46%|          | 4680/10236 [02:41<04:15, 21.74it/s]

46%|          | 4683/10236 [02:41<04:45, 19.47it/s]

46%|          | 4686/10236 [02:41<05:04, 18.24it/s]

46%|          | 4689/10236 [02:41<05:16, 17.53it/s]

46%|          | 4691/10236 [02:41<05:23, 17.12it/s]

46%|          | 4693/10236 [02:41<05:35, 16.53it/s]

46%|          | 4695/10236 [02:42<05:55, 15.60it/s]

46%|          | 4697/10236 [02:42<06:02, 15.26it/s]

46%|          | 4702/10236 [02:42<04:52, 18.95it/s]

46%|          | 4707/10236 [02:42<03:59, 23.06it/s]

46%|          | 4712/10236 [02:42<03:23, 27.19it/s]
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46%|          | 4717/10236 [02:42<02:59, 30.78it/s]

46%|          | 4722/10236 [02:42<02:43, 33.82it/s]

46%|          | 4727/10236 [02:42<02:31, 36.36it/s]

46%|          | 4732/10236 [02:42<02:23, 38.33it/s]

46%|          | 4737/10236 [02:43<02:24, 38.09it/s]

46%|          | 4742/10236 [02:43<02:18, 39.79it/s]

46%|          | 4747/10236 [02:43<02:15, 40.37it/s]

46%|          | 4752/10236 [02:43<02:12, 41.27it/s]

46%|          | 4757/10236 [02:43<02:11, 41.66it/s]

47%|          | 4762/10236 [02:43<02:15, 40.46it/s]

47%|          | 4767/10236 [02:44<03:18, 27.49it/s]

47%|          | 4771/10236 [02:44<04:04, 22.32it/s]

47%|          | 4774/10236 [02:44<04:33, 19.99it/s]

47%|          | 4777/10236 [02:44<04:52, 18.69it/s]

47%|          | 4780/10236 [02:44<05:11, 17.51it/s]

47%|          | 4782/10236 [02:44<05:27, 16.67it/s]

47%|          | 4784/10236 [02:45<05:39, 16.07it/s]

47%|          | 4786/10236 [02:45<05:19, 17.05it/s]

47%|          | 4791/10236 [02:45<04:18, 21.06it/s]

47%|          | 4796/10236 [02:45<03:34, 25.35it/s]

47%|          | 4801/10236 [02:45<03:06, 29.16it/s]

47%|          | 4805/10236 [02:45<02:51, 31.64it/s]

47%|          | 4810/10236 [02:45<02:37, 34.55it/s]

47%|          | 4815/10236 [02:45<02:25, 37.16it/s]
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47%|          | 4820/10236 [02:45<02:21, 38.34it/s]

47%|          | 4825/10236 [02:46<02:15, 39.79it/s]

47%|          | 4830/10236 [02:46<02:12, 40.85it/s]

47%|          | 4835/10236 [02:46<02:09, 41.86it/s]

47%|          | 4840/10236 [02:46<02:06, 42.54it/s]

47%|          | 4845/10236 [02:46<02:05, 42.92it/s]

47%|          | 4850/10236 [02:46<02:07, 42.22it/s]

47%|          | 4855/10236 [02:46<03:06, 28.91it/s]

47%|          | 4859/10236 [02:47<03:47, 23.67it/s]

47%|          | 4862/10236 [02:47<04:27, 20.09it/s]

48%|          | 4865/10236 [02:47<04:56, 18.12it/s]

48%|          | 4868/10236 [02:47<05:06, 17.50it/s]

48%|          | 4871/10236 [02:48<05:23, 16.60it/s]

48%|          | 4873/10236 [02:48<05:35, 15.98it/s]

48%|          | 4877/10236 [02:48<04:40, 19.09it/s]

48%|          | 4882/10236 [02:48<03:50, 23.25it/s]

48%|          | 4887/10236 [02:48<03:14, 27.46it/s]

48%|          | 4892/10236 [02:48<02:53, 30.75it/s]

48%|          | 4897/10236 [02:48<02:39, 33.54it/s]

48%|          | 4902/10236 [02:48<02:29, 35.64it/s]

48%|          | 4907/10236 [02:48<02:22, 37.29it/s]

48%|          | 4912/10236 [02:49<02:17, 38.80it/s]

48%|          | 4917/10236 [02:49<02:11, 40.32it/s]

48%|          | 4922/10236 [02:49<02:13, 39.70it/s]
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48%|          | 4927/10236 [02:49<02:13, 39.89it/s]

48%|          | 4932/10236 [02:49<02:11, 40.34it/s]

48%|          | 4937/10236 [02:49<02:28, 35.57it/s]

48%|          | 4941/10236 [02:49<03:26, 25.70it/s]

48%|          | 4945/10236 [02:50<04:04, 21.66it/s]

48%|          | 4948/10236 [02:50<04:30, 19.53it/s]

48%|          | 4951/10236 [02:50<04:48, 18.34it/s]

48%|          | 4954/10236 [02:50<05:35, 15.75it/s]

48%|          | 4956/10236 [02:51<06:31, 13.49it/s]

48%|          | 4958/10236 [02:51<06:26, 13.65it/s]

48%|          | 4963/10236 [02:51<05:06, 17.19it/s]

49%|          | 4968/10236 [02:51<04:09, 21.08it/s]

49%|          | 4973/10236 [02:51<03:28, 25.20it/s]

49%|          | 4978/10236 [02:51<02:59, 29.28it/s]

49%|          | 4982/10236 [02:51<02:48, 31.22it/s]

49%|          | 4987/10236 [02:51<02:32, 34.32it/s]

49%|          | 4992/10236 [02:51<02:20, 37.20it/s]

49%|          | 4997/10236 [02:52<02:19, 37.60it/s]

49%|          | 5002/10236 [02:52<02:13, 39.33it/s]

49%|          | 5007/10236 [02:52<02:07, 41.00it/s]

49%|          | 5012/10236 [02:52<02:09, 40.35it/s]

49%|          | 5017/10236 [02:52<02:04, 41.85it/s]

49%|          | 5022/10236 [02:52<02:10, 39.95it/s]

49%|          | 5027/10236 [02:53<03:04, 28.27it/s]
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49%|         | 5031/10236 [02:53<03:47, 22.90it/s]

49%|         | 5034/10236 [02:53<04:23, 19.71it/s]

49%|         | 5037/10236 [02:53<04:50, 17.90it/s]

49%|         | 5040/10236 [02:53<05:18, 16.32it/s]

49%|         | 5042/10236 [02:54<05:41, 15.20it/s]

49%|         | 5044/10236 [02:54<05:48, 14.90it/s]

49%|         | 5049/10236 [02:54<04:37, 18.68it/s]

49%|         | 5054/10236 [02:54<03:48, 22.63it/s]

49%|         | 5059/10236 [02:54<03:14, 26.66it/s]

49%|         | 5064/10236 [02:54<02:48, 30.75it/s]

50%|         | 5069/10236 [02:54<02:31, 34.13it/s]

50%|         | 5074/10236 [02:54<02:20, 36.69it/s]

50%|         | 5079/10236 [02:54<02:21, 36.38it/s]

50%|         | 5084/10236 [02:55<02:12, 39.02it/s]

50%|         | 5089/10236 [02:55<02:05, 40.91it/s]

50%|         | 5094/10236 [02:55<02:03, 41.77it/s]

50%|         | 5099/10236 [02:55<01:59, 43.07it/s]

50%|         | 5104/10236 [02:55<01:59, 42.96it/s]

50%|         | 5109/10236 [02:55<02:00, 42.71it/s]

50%|         | 5114/10236 [02:55<03:00, 28.31it/s]

50%|         | 5118/10236 [02:56<03:46, 22.64it/s]

50%|         | 5121/10236 [02:56<04:12, 20.23it/s]

50%|         | 5124/10236 [02:56<04:38, 18.38it/s]

50%|         | 5127/10236 [02:56<04:51, 17.54it/s]
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50%|          | 5130/10236 [02:56<05:00, 16.98it/s]

50%|          | 5132/10236 [02:57<05:10, 16.43it/s]

50%|          | 5137/10236 [02:57<04:11, 20.31it/s]

50%|          | 5142/10236 [02:57<03:26, 24.65it/s]

50%|          | 5147/10236 [02:57<02:56, 28.84it/s]

50%|          | 5152/10236 [02:57<02:36, 32.53it/s]

50%|          | 5157/10236 [02:57<02:22, 35.53it/s]

50%|          | 5162/10236 [02:57<02:12, 38.33it/s]

50%|          | 5167/10236 [02:57<02:07, 39.65it/s]

51%|          | 5172/10236 [02:58<02:08, 39.44it/s]

51%|          | 5177/10236 [02:58<02:03, 40.99it/s]

51%|          | 5182/10236 [02:58<02:05, 40.17it/s]

51%|          | 5187/10236 [02:58<02:04, 40.60it/s]

51%|          | 5192/10236 [02:58<02:08, 39.33it/s]

51%|          | 5197/10236 [02:58<02:21, 35.64it/s]

51%|          | 5201/10236 [02:58<03:15, 25.75it/s]

51%|          | 5205/10236 [02:59<03:51, 21.70it/s]

51%|          | 5208/10236 [02:59<04:18, 19.45it/s]

51%|          | 5211/10236 [02:59<04:35, 18.24it/s]

51%|          | 5214/10236 [02:59<04:47, 17.49it/s]

51%|          | 5216/10236 [02:59<04:55, 16.96it/s]

51%|          | 5218/10236 [03:00<05:06, 16.35it/s]

51%|          | 5220/10236 [03:00<05:22, 15.58it/s]

51%|          | 5222/10236 [03:00<05:06, 16.37it/s]
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51%|          | 5227/10236 [03:00<04:06, 20.33it/s]

51%|          | 5232/10236 [03:00<03:23, 24.58it/s]

51%|          | 5237/10236 [03:00<02:54, 28.73it/s]

51%|          | 5242/10236 [03:00<02:33, 32.62it/s]

51%|          | 5247/10236 [03:00<02:19, 35.78it/s]

51%|          | 5252/10236 [03:00<02:16, 36.55it/s]

51%|          | 5257/10236 [03:01<02:08, 38.67it/s]

51%|          | 5262/10236 [03:01<02:09, 38.30it/s]

51%|          | 5267/10236 [03:01<02:02, 40.71it/s]

52%|          | 5272/10236 [03:01<01:58, 41.79it/s]

52%|          | 5277/10236 [03:01<01:56, 42.54it/s]

52%|          | 5282/10236 [03:01<01:55, 42.90it/s]

52%|          | 5287/10236 [03:01<02:09, 38.17it/s]

52%|          | 5291/10236 [03:02<03:01, 27.20it/s]

52%|          | 5295/10236 [03:02<03:44, 22.03it/s]

52%|          | 5298/10236 [03:02<04:07, 19.94it/s]

52%|          | 5301/10236 [03:02<04:23, 18.75it/s]

52%|          | 5304/10236 [03:02<04:33, 18.02it/s]

52%|          | 5307/10236 [03:03<04:46, 17.22it/s]

52%|          | 5309/10236 [03:03<04:57, 16.55it/s]

52%|          | 5311/10236 [03:03<05:07, 16.01it/s]

52%|          | 5314/10236 [03:03<04:30, 18.19it/s]

52%|          | 5319/10236 [03:03<03:41, 22.21it/s]

52%|          | 5324/10236 [03:03<03:05, 26.51it/s]
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52%|         | 5334/10236 [03:03<02:22, 34.30it/s]

52%|         | 5339/10236 [03:03<02:10, 37.47it/s]

52%|         | 5344/10236 [03:04<02:07, 38.23it/s]

52%|         | 5349/10236 [03:04<02:01, 40.10it/s]

52%|         | 5354/10236 [03:04<01:57, 41.54it/s]

52%|         | 5359/10236 [03:04<01:52, 43.27it/s]

52%|         | 5364/10236 [03:04<01:51, 43.67it/s]

52%|         | 5369/10236 [03:04<01:51, 43.84it/s]

53%|         | 5374/10236 [03:04<01:50, 44.18it/s]

53%|         | 5379/10236 [03:04<01:49, 44.35it/s]

53%|         | 5384/10236 [03:05<02:38, 30.69it/s]

53%|         | 5388/10236 [03:05<03:21, 24.11it/s]

53%|         | 5392/10236 [03:05<03:49, 21.14it/s]

53%|         | 5395/10236 [03:05<04:11, 19.24it/s]

53%|         | 5398/10236 [03:05<04:29, 17.98it/s]

53%|         | 5401/10236 [03:06<04:40, 17.26it/s]

53%|         | 5403/10236 [03:06<04:54, 16.43it/s]

53%|         | 5405/10236 [03:06<04:57, 16.26it/s]

53%|         | 5409/10236 [03:06<04:08, 19.39it/s]

53%|         | 5414/10236 [03:06<03:24, 23.56it/s]

53%|         | 5419/10236 [03:06<02:54, 27.67it/s]

53%|         | 5424/10236 [03:06<02:31, 31.71it/s]

53%|         | 5429/10236 [03:06<02:17, 35.04it/s]
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53%|        | 5434/10236 [03:07<02:09, 37.01it/s]

53%|        | 5439/10236 [03:07<02:01, 39.56it/s]

53%|        | 5444/10236 [03:07<01:56, 41.29it/s]

53%|        | 5449/10236 [03:07<01:51, 42.90it/s]

53%|        | 5454/10236 [03:07<01:55, 41.40it/s]

53%|        | 5459/10236 [03:07<02:03, 38.74it/s]

53%|        | 5464/10236 [03:07<02:02, 38.88it/s]

53%|        | 5468/10236 [03:07<02:06, 37.69it/s]

53%|        | 5472/10236 [03:08<02:56, 27.00it/s]

53%|        | 5476/10236 [03:08<03:33, 22.35it/s]

54%|        | 5479/10236 [03:08<03:56, 20.09it/s]

54%|        | 5482/10236 [03:08<04:20, 18.25it/s]

54%|        | 5485/10236 [03:09<04:33, 17.36it/s]

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54%|        | 5489/10236 [03:09<04:49, 16.42it/s]

54%|        | 5491/10236 [03:09<04:55, 16.07it/s]

54%|        | 5493/10236 [03:09<04:58, 15.91it/s]

54%|        | 5497/10236 [03:09<04:08, 19.05it/s]

54%|        | 5502/10236 [03:09<03:24, 23.14it/s]

54%|        | 5507/10236 [03:09<02:56, 26.81it/s]

54%|        | 5512/10236 [03:09<02:33, 30.79it/s]

54%|        | 5517/10236 [03:10<02:19, 33.94it/s]

54%|        | 5522/10236 [03:10<02:11, 35.83it/s]

54%|        | 5527/10236 [03:10<02:06, 37.21it/s]
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54%|          | 5546/10236 [03:10<02:02, 38.30it/s]

54%|          | 5550/10236 [03:10<02:03, 38.04it/s]

54%|          | 5554/10236 [03:11<02:08, 36.51it/s]

54%|          | 5558/10236 [03:11<02:58, 26.26it/s]

54%|          | 5562/10236 [03:11<03:45, 20.74it/s]

54%|          | 5565/10236 [03:11<04:27, 17.45it/s]

54%|          | 5568/10236 [03:12<04:40, 16.65it/s]

54%|          | 5570/10236 [03:12<04:50, 16.05it/s]

54%|          | 5572/10236 [03:12<05:00, 15.52it/s]

54%|          | 5574/10236 [03:12<05:08, 15.13it/s]

54%|          | 5576/10236 [03:12<05:07, 15.17it/s]

54%|          | 5578/10236 [03:12<04:51, 15.98it/s]

55%|          | 5583/10236 [03:12<03:52, 20.03it/s]

55%|          | 5588/10236 [03:12<03:13, 24.06it/s]

55%|          | 5593/10236 [03:12<02:45, 28.12it/s]

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55%|          | 5612/10236 [03:13<02:07, 36.19it/s]

55%|          | 5617/10236 [03:13<02:00, 38.34it/s]

55%|          | 5622/10236 [03:13<01:59, 38.49it/s]
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55%|          | 5642/10236 [03:14<03:39, 20.89it/s]

55%|          | 5645/10236 [03:14<04:03, 18.87it/s]

55%|          | 5648/10236 [03:15<04:17, 17.82it/s]

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55%|          | 5652/10236 [03:15<04:36, 16.58it/s]

55%|          | 5654/10236 [03:15<04:43, 16.14it/s]

55%|          | 5656/10236 [03:15<04:47, 15.94it/s]

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55%|          | 5669/10236 [03:15<02:54, 26.15it/s]

55%|          | 5674/10236 [03:15<02:32, 29.89it/s]

55%|          | 5679/10236 [03:16<02:17, 33.18it/s]

56%|          | 5684/10236 [03:16<02:10, 35.01it/s]

56%|          | 5688/10236 [03:16<02:06, 35.98it/s]

56%|          | 5692/10236 [03:16<02:06, 35.91it/s]

56%|          | 5696/10236 [03:16<02:03, 36.91it/s]

56%|          | 5701/10236 [03:16<01:59, 37.88it/s]

56%|          | 5705/10236 [03:16<01:57, 38.40it/s]

56%|          | 5709/10236 [03:16<02:03, 36.55it/s]

56%|          | 5714/10236 [03:16<01:57, 38.37it/s]
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56%|          | 5719/10236 [03:17<02:01, 37.24it/s]

56%|          | 5723/10236 [03:17<02:47, 26.90it/s]

56%|          | 5727/10236 [03:17<03:22, 22.32it/s]

56%|          | 5730/10236 [03:17<03:47, 19.81it/s]

56%|          | 5733/10236 [03:18<04:10, 17.98it/s]

56%|          | 5736/10236 [03:18<04:24, 17.01it/s]

56%|          | 5738/10236 [03:18<04:37, 16.18it/s]

56%|          | 5740/10236 [03:18<04:43, 15.88it/s]

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56%|          | 5748/10236 [03:18<03:21, 22.31it/s]

56%|          | 5753/10236 [03:18<02:49, 26.40it/s]

56%|          | 5758/10236 [03:18<02:27, 30.36it/s]

56%|          | 5763/10236 [03:19<02:12, 33.85it/s]

56%|          | 5768/10236 [03:19<02:00, 36.99it/s]

56%|          | 5773/10236 [03:19<01:59, 37.45it/s]

56%|          | 5778/10236 [03:19<01:52, 39.77it/s]

56%|          | 5783/10236 [03:19<01:48, 40.89it/s]

57%|          | 5788/10236 [03:19<01:46, 41.57it/s]

57%|          | 5793/10236 [03:19<01:43, 42.98it/s]

57%|          | 5798/10236 [03:19<01:45, 42.13it/s]

57%|          | 5803/10236 [03:19<01:44, 42.58it/s]

57%|          | 5808/10236 [03:20<02:05, 35.20it/s]

57%|          | 5812/10236 [03:20<02:50, 25.90it/s]

57%|          | 5816/10236 [03:20<03:17, 22.33it/s]
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57%|          | 5819/10236 [03:20<03:45, 19.57it/s]

57%|          | 5822/10236 [03:21<04:20, 16.96it/s]

57%|          | 5825/10236 [03:21<04:57, 14.82it/s]

57%|          | 5827/10236 [03:21<05:12, 14.11it/s]

57%|          | 5831/10236 [03:21<04:13, 17.35it/s]

57%|          | 5836/10236 [03:21<03:25, 21.45it/s]

57%|          | 5841/10236 [03:21<02:51, 25.59it/s]

57%|          | 5846/10236 [03:21<02:27, 29.70it/s]

57%|          | 5850/10236 [03:21<02:16, 32.01it/s]

57%|          | 5855/10236 [03:22<02:05, 34.90it/s]

57%|          | 5860/10236 [03:22<02:00, 36.42it/s]

57%|          | 5865/10236 [03:22<01:58, 36.80it/s]

57%|          | 5870/10236 [03:22<01:53, 38.31it/s]

57%|          | 5875/10236 [03:22<01:52, 38.81it/s]

57%|          | 5880/10236 [03:22<01:56, 37.49it/s]

57%|          | 5884/10236 [03:22<01:57, 37.19it/s]

58%|          | 5888/10236 [03:22<02:03, 35.10it/s]

58%|          | 5892/10236 [03:23<03:13, 22.45it/s]

58%|          | 5895/10236 [03:23<03:59, 18.11it/s]

58%|          | 5898/10236 [03:23<04:39, 15.52it/s]

58%|          | 5901/10236 [03:24<04:53, 14.76it/s]

58%|          | 5903/10236 [03:24<04:50, 14.94it/s]

58%|          | 5905/10236 [03:24<04:54, 14.69it/s]

58%|          | 5907/10236 [03:24<04:51, 14.85it/s]
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58%|          | 5911/10236 [03:24<04:01, 17.92it/s]

58%|          | 5916/10236 [03:24<03:16, 22.01it/s]

58%|          | 5921/10236 [03:24<02:44, 26.27it/s]

58%|          | 5926/10236 [03:24<02:22, 30.20it/s]

58%|          | 5931/10236 [03:24<02:07, 33.83it/s]

58%|          | 5936/10236 [03:25<01:58, 36.40it/s]

58%|          | 5941/10236 [03:25<01:52, 38.06it/s]

58%|          | 5946/10236 [03:25<01:48, 39.60it/s]

58%|          | 5951/10236 [03:25<01:49, 39.25it/s]

58%|          | 5956/10236 [03:25<01:44, 41.06it/s]

58%|          | 5961/10236 [03:25<01:44, 40.86it/s]

58%|          | 5966/10236 [03:25<01:43, 41.22it/s]

58%|          | 5971/10236 [03:25<01:43, 41.35it/s]

58%|          | 5976/10236 [03:26<02:24, 29.45it/s]

58%|          | 5980/10236 [03:26<03:08, 22.61it/s]

58%|          | 5983/10236 [03:26<03:45, 18.87it/s]

58%|          | 5986/10236 [03:26<04:01, 17.60it/s]

59%|          | 5989/10236 [03:27<04:13, 16.72it/s]

59%|          | 5991/10236 [03:27<04:21, 16.22it/s]

59%|          | 5993/10236 [03:27<04:25, 15.98it/s]

59%|          | 5996/10236 [03:27<03:54, 18.06it/s]

59%|          | 6001/10236 [03:27<03:10, 22.19it/s]

59%|          | 6006/10236 [03:27<02:39, 26.46it/s]

59%|          | 6011/10236 [03:27<02:18, 30.47it/s]
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59%|         | 6016/10236 [03:27<02:03, 34.26it/s]

59%|         | 6021/10236 [03:28<01:54, 36.66it/s]

59%|         | 6026/10236 [03:28<01:51, 37.60it/s]

59%|         | 6031/10236 [03:28<01:46, 39.47it/s]

59%|         | 6036/10236 [03:28<01:45, 39.66it/s]

59%|         | 6041/10236 [03:28<01:48, 38.76it/s]

59%|         | 6046/10236 [03:28<01:42, 40.83it/s]

59%|         | 6051/10236 [03:28<01:40, 41.50it/s]

59%|         | 6056/10236 [03:28<01:38, 42.53it/s]

59%|         | 6061/10236 [03:29<01:51, 37.33it/s]

59%|         | 6065/10236 [03:29<02:38, 26.30it/s]

59%|         | 6069/10236 [03:29<03:06, 22.37it/s]

59%|         | 6072/10236 [03:29<03:26, 20.20it/s]

59%|         | 6075/10236 [03:29<03:41, 18.79it/s]

59%|         | 6078/10236 [03:30<03:59, 17.37it/s]

59%|         | 6080/10236 [03:30<04:23, 15.76it/s]

59%|         | 6082/10236 [03:30<04:51, 14.25it/s]

59%|         | 6086/10236 [03:30<03:55, 17.60it/s]

60%|         | 6091/10236 [03:30<03:15, 21.24it/s]

60%|         | 6095/10236 [03:30<02:48, 24.53it/s]

60%|         | 6100/10236 [03:30<02:25, 28.36it/s]

60%|         | 6105/10236 [03:30<02:08, 32.04it/s]

60%|         | 6110/10236 [03:31<01:59, 34.58it/s]

60%|         | 6114/10236 [03:31<01:58, 34.84it/s]
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60%|          | 6119/10236 [03:31<01:51, 36.99it/s]

60%|          | 6123/10236 [03:31<01:53, 36.34it/s]

60%|          | 6128/10236 [03:31<01:46, 38.59it/s]

60%|          | 6133/10236 [03:31<01:44, 39.32it/s]

60%|          | 6138/10236 [03:31<01:46, 38.49it/s]

60%|          | 6142/10236 [03:31<01:53, 36.08it/s]

60%|          | 6146/10236 [03:32<02:43, 25.05it/s]

60%|          | 6150/10236 [03:32<03:13, 21.07it/s]

60%|          | 6153/10236 [03:32<03:34, 19.00it/s]

60%|          | 6156/10236 [03:32<03:51, 17.62it/s]

60%|          | 6159/10236 [03:33<04:11, 16.20it/s]

60%|          | 6161/10236 [03:33<04:22, 15.54it/s]

60%|          | 6163/10236 [03:33<04:32, 14.97it/s]

60%|          | 6165/10236 [03:33<04:24, 15.38it/s]

60%|          | 6170/10236 [03:33<03:32, 19.09it/s]

60%|          | 6175/10236 [03:33<02:55, 23.14it/s]

60%|          | 6180/10236 [03:33<02:31, 26.81it/s]

60%|          | 6185/10236 [03:33<02:15, 29.96it/s]

60%|          | 6189/10236 [03:34<02:10, 31.06it/s]

61%|          | 6194/10236 [03:34<02:00, 33.54it/s]

61%|          | 6199/10236 [03:34<01:53, 35.47it/s]

61%|          | 6203/10236 [03:34<01:50, 36.36it/s]

61%|          | 6208/10236 [03:34<01:46, 37.69it/s]

61%|          | 6212/10236 [03:34<01:47, 37.32it/s]
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61%|          | 6217/10236 [03:34<01:42, 39.07it/s]

61%|          | 6222/10236 [03:34<01:42, 39.04it/s]

61%|          | 6226/10236 [03:35<02:08, 31.21it/s]

61%|          | 6230/10236 [03:35<02:58, 22.48it/s]

61%|          | 6233/10236 [03:35<03:23, 19.68it/s]

61%|          | 6236/10236 [03:35<03:36, 18.45it/s]

61%|          | 6239/10236 [03:35<03:48, 17.51it/s]

61%|          | 6241/10236 [03:36<04:09, 15.98it/s]

61%|          | 6243/10236 [03:36<04:19, 15.41it/s]

61%|          | 6245/10236 [03:36<04:19, 15.40it/s]

61%|          | 6247/10236 [03:36<04:22, 15.18it/s]

61%|          | 6250/10236 [03:36<03:47, 17.52it/s]

61%|          | 6255/10236 [03:36<03:05, 21.49it/s]

61%|          | 6260/10236 [03:36<02:36, 25.47it/s]

61%|          | 6265/10236 [03:36<02:15, 29.25it/s]

61%|          | 6269/10236 [03:37<02:07, 31.08it/s]

61%|          | 6274/10236 [03:37<01:57, 33.80it/s]

61%|          | 6278/10236 [03:37<01:56, 34.02it/s]

61%|          | 6282/10236 [03:37<01:51, 35.39it/s]

61%|          | 6286/10236 [03:37<01:51, 35.50it/s]

61%|          | 6290/10236 [03:37<01:49, 36.18it/s]

61%|          | 6294/10236 [03:37<01:49, 35.98it/s]

62%|          | 6298/10236 [03:37<01:46, 36.91it/s]

62%|          | 6303/10236 [03:37<01:42, 38.20it/s]
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62%|        | 6308/10236 [03:38<01:43, 38.13it/s]

62%|        | 6312/10236 [03:38<02:25, 27.03it/s]

62%|        | 6316/10236 [03:38<02:54, 22.42it/s]

62%|        | 6319/10236 [03:38<03:16, 19.98it/s]

62%|        | 6322/10236 [03:38<03:29, 18.70it/s]

62%|        | 6325/10236 [03:39<03:39, 17.84it/s]

62%|        | 6327/10236 [03:39<03:50, 16.98it/s]

62%|        | 6329/10236 [03:39<03:54, 16.63it/s]

62%|        | 6331/10236 [03:39<04:00, 16.26it/s]

62%|        | 6336/10236 [03:39<03:12, 20.23it/s]

62%|        | 6341/10236 [03:39<02:40, 24.25it/s]

62%|        | 6346/10236 [03:39<02:18, 28.12it/s]

62%|        | 6351/10236 [03:39<02:05, 30.96it/s]

62%|        | 6356/10236 [03:40<01:55, 33.73it/s]

62%|        | 6360/10236 [03:40<01:53, 34.05it/s]

62%|        | 6365/10236 [03:40<01:45, 36.86it/s]

62%|        | 6370/10236 [03:40<01:44, 37.16it/s]

62%|        | 6375/10236 [03:40<01:40, 38.26it/s]

62%|        | 6379/10236 [03:40<01:42, 37.75it/s]

62%|        | 6384/10236 [03:40<01:39, 38.57it/s]

62%|        | 6388/10236 [03:40<01:39, 38.74it/s]

62%|        | 6392/10236 [03:41<01:46, 35.94it/s]

62%|        | 6396/10236 [03:41<02:29, 25.76it/s]

63%|        | 6400/10236 [03:41<02:55, 21.82it/s]
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63%|          | 6403/10236 [03:41<03:12, 19.86it/s]

63%|          | 6406/10236 [03:41<03:27, 18.42it/s]

63%|          | 6409/10236 [03:42<03:37, 17.56it/s]

63%|          | 6411/10236 [03:42<03:54, 16.31it/s]

63%|          | 6413/10236 [03:42<03:57, 16.11it/s]

63%|          | 6415/10236 [03:42<03:50, 16.55it/s]

63%|          | 6420/10236 [03:42<03:06, 20.41it/s]

63%|          | 6425/10236 [03:42<02:36, 24.31it/s]

63%|          | 6430/10236 [03:42<02:16, 27.82it/s]

63%|          | 6435/10236 [03:42<02:01, 31.31it/s]

63%|          | 6440/10236 [03:43<01:50, 34.33it/s]

63%|          | 6444/10236 [03:43<01:45, 35.82it/s]

63%|          | 6449/10236 [03:43<01:40, 37.69it/s]

63%|          | 6454/10236 [03:43<01:37, 38.69it/s]

63%|          | 6459/10236 [03:43<01:34, 39.85it/s]

63%|          | 6464/10236 [03:43<01:32, 40.95it/s]

63%|          | 6469/10236 [03:43<01:31, 41.33it/s]

63%|          | 6474/10236 [03:43<01:29, 42.10it/s]

63%|          | 6479/10236 [03:44<01:41, 37.05it/s]

63%|          | 6483/10236 [03:44<02:24, 25.98it/s]

63%|          | 6487/10236 [03:44<02:52, 21.79it/s]

63%|          | 6490/10236 [03:44<03:09, 19.76it/s]

63%|          | 6493/10236 [03:44<03:20, 18.63it/s]

63%|          | 6496/10236 [03:45<03:28, 17.94it/s]
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63%|        | 6499/10236 [03:45<03:44, 16.68it/s]

64%|        | 6501/10236 [03:45<03:57, 15.75it/s]

64%|        | 6505/10236 [03:45<03:14, 19.22it/s]

64%|        | 6509/10236 [03:45<02:43, 22.75it/s]

64%|        | 6514/10236 [03:45<02:21, 26.26it/s]

64%|        | 6519/10236 [03:45<02:05, 29.59it/s]

64%|        | 6524/10236 [03:45<01:54, 32.37it/s]

64%|        | 6529/10236 [03:46<01:45, 35.12it/s]

64%|        | 6534/10236 [03:46<01:40, 36.78it/s]

64%|        | 6539/10236 [03:46<01:35, 38.74it/s]

64%|        | 6544/10236 [03:46<01:32, 39.82it/s]

64%|        | 6549/10236 [03:46<01:33, 39.48it/s]

64%|        | 6554/10236 [03:46<01:33, 39.20it/s]

64%|        | 6559/10236 [03:46<01:30, 40.56it/s]

64%|        | 6564/10236 [03:47<01:52, 32.74it/s]

64%|        | 6568/10236 [03:47<02:25, 25.19it/s]

64%|        | 6571/10236 [03:47<02:49, 21.66it/s]

64%|        | 6574/10236 [03:47<03:09, 19.37it/s]

64%|        | 6577/10236 [03:47<03:22, 18.03it/s]

64%|        | 6580/10236 [03:48<03:41, 16.52it/s]

64%|        | 6582/10236 [03:48<03:56, 15.43it/s]

64%|        | 6584/10236 [03:48<04:09, 14.67it/s]

64%|        | 6588/10236 [03:48<03:25, 17.77it/s]

64%|        | 6593/10236 [03:48<02:49, 21.53it/s]
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64%|          | 6598/10236 [03:48<02:24, 25.15it/s]

65%|          | 6603/10236 [03:48<02:07, 28.49it/s]

65%|          | 6607/10236 [03:48<01:57, 30.99it/s]

65%|          | 6612/10236 [03:49<01:48, 33.42it/s]

65%|          | 6616/10236 [03:49<01:48, 33.32it/s]

65%|          | 6621/10236 [03:49<01:40, 35.80it/s]

65%|          | 6626/10236 [03:49<01:36, 37.48it/s]

65%|          | 6630/10236 [03:49<01:35, 37.60it/s]

65%|          | 6635/10236 [03:49<01:32, 38.74it/s]

65%|          | 6639/10236 [03:49<01:34, 38.06it/s]

65%|          | 6644/10236 [03:49<01:32, 38.95it/s]

65%|          | 6648/10236 [03:50<02:10, 27.44it/s]

65%|          | 6652/10236 [03:50<02:37, 22.79it/s]

65%|          | 6655/10236 [03:50<02:57, 20.12it/s]

65%|          | 6658/10236 [03:50<03:23, 17.58it/s]

65%|          | 6661/10236 [03:51<03:33, 16.72it/s]

65%|          | 6663/10236 [03:51<03:43, 15.96it/s]

65%|          | 6665/10236 [03:51<03:44, 15.92it/s]

65%|          | 6667/10236 [03:51<03:43, 15.99it/s]

65%|          | 6669/10236 [03:51<03:46, 15.77it/s]

65%|          | 6674/10236 [03:51<03:01, 19.61it/s]

65%|          | 6679/10236 [03:51<02:30, 23.62it/s]

65%|          | 6684/10236 [03:51<02:07, 27.84it/s]

65%|          | 6689/10236 [03:51<01:53, 31.23it/s]
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65%|          | 6698/10236 [03:52<01:40, 35.36it/s]

65%|          | 6702/10236 [03:52<01:36, 36.53it/s]

66%|          | 6707/10236 [03:52<01:30, 38.93it/s]

66%|          | 6712/10236 [03:52<01:27, 40.09it/s]

66%|          | 6717/10236 [03:52<01:26, 40.85it/s]

66%|          | 6722/10236 [03:52<01:26, 40.58it/s]

66%|          | 6727/10236 [03:52<01:28, 39.54it/s]

66%|          | 6732/10236 [03:53<01:36, 36.30it/s]

66%|          | 6736/10236 [03:53<02:19, 25.16it/s]

66%|          | 6740/10236 [03:53<03:09, 18.44it/s]

66%|          | 6743/10236 [03:53<03:47, 15.34it/s]

66%|          | 6746/10236 [03:54<03:46, 15.42it/s]

66%|          | 6748/10236 [03:54<03:52, 15.03it/s]

66%|          | 6750/10236 [03:54<03:49, 15.18it/s]

66%|          | 6752/10236 [03:54<03:34, 16.21it/s]

66%|          | 6757/10236 [03:54<02:53, 20.09it/s]

66%|          | 6762/10236 [03:54<02:23, 24.19it/s]

66%|          | 6767/10236 [03:54<02:03, 28.07it/s]

66%|          | 6772/10236 [03:54<01:50, 31.45it/s]

66%|          | 6777/10236 [03:55<01:39, 34.66it/s]

66%|          | 6782/10236 [03:55<01:31, 37.72it/s]

66%|          | 6787/10236 [03:55<01:29, 38.59it/s]

66%|          | 6792/10236 [03:55<01:30, 38.06it/s]
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66%|          | 6797/10236 [03:55<01:25, 40.22it/s]

66%|          | 6802/10236 [03:55<01:23, 41.29it/s]

67%|          | 6807/10236 [03:55<01:21, 41.98it/s]

67%|          | 6812/10236 [03:55<01:20, 42.36it/s]

67%|          | 6817/10236 [03:56<01:34, 36.32it/s]

67%|          | 6821/10236 [03:56<02:16, 24.97it/s]

67%|          | 6825/10236 [03:56<02:41, 21.12it/s]

67%|          | 6828/10236 [03:56<03:04, 18.52it/s]

67%|          | 6831/10236 [03:57<03:20, 16.98it/s]

67%|          | 6834/10236 [03:57<03:23, 16.71it/s]

67%|          | 6836/10236 [03:57<03:27, 16.37it/s]

67%|          | 6838/10236 [03:57<03:31, 16.05it/s]

67%|          | 6840/10236 [03:57<03:34, 15.82it/s]

67%|          | 6845/10236 [03:57<02:53, 19.51it/s]

67%|          | 6850/10236 [03:57<02:23, 23.59it/s]

67%|          | 6855/10236 [03:57<02:02, 27.67it/s]

67%|          | 6860/10236 [03:58<01:46, 31.71it/s]

67%|          | 6865/10236 [03:58<01:36, 34.82it/s]

67%|          | 6870/10236 [03:58<01:31, 36.76it/s]

67%|          | 6875/10236 [03:58<01:29, 37.36it/s]

67%|          | 6880/10236 [03:58<01:27, 38.19it/s]

67%|          | 6885/10236 [03:58<01:24, 39.89it/s]

67%|          | 6890/10236 [03:58<01:25, 39.25it/s]

67%|          | 6895/10236 [03:58<01:20, 41.32it/s]
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67%|        | 6900/10236 [03:58<01:22, 40.43it/s]

67%|        | 6905/10236 [03:59<01:22, 40.40it/s]

68%|        | 6910/10236 [03:59<01:58, 28.17it/s]

68%|        | 6914/10236 [03:59<02:31, 21.98it/s]

68%|        | 6917/10236 [03:59<03:06, 17.77it/s]

68%|        | 6920/10236 [04:00<03:24, 16.22it/s]

68%|        | 6923/10236 [04:00<03:48, 14.49it/s]

68%|        | 6925/10236 [04:00<03:55, 14.03it/s]

68%|        | 6927/10236 [04:00<03:59, 13.83it/s]

68%|        | 6931/10236 [04:00<03:13, 17.10it/s]

68%|        | 6934/10236 [04:00<02:57, 18.64it/s]

68%|        | 6937/10236 [04:01<02:42, 20.28it/s]

68%|        | 6940/10236 [04:01<02:29, 21.99it/s]

68%|        | 6943/10236 [04:01<02:23, 22.99it/s]

68%|        | 6946/10236 [04:01<02:23, 22.86it/s]

68%|        | 6949/10236 [04:01<02:25, 22.67it/s]

68%|        | 6952/10236 [04:01<02:24, 22.80it/s]

68%|        | 6955/10236 [04:01<02:25, 22.49it/s]

68%|        | 6958/10236 [04:01<02:27, 22.26it/s]

68%|        | 6961/10236 [04:02<02:33, 21.36it/s]

68%|        | 6964/10236 [04:02<02:50, 19.24it/s]

68%|        | 6966/10236 [04:02<03:34, 15.27it/s]

68%|        | 6968/10236 [04:02<03:58, 13.72it/s]

68%|        | 6970/10236 [04:02<04:13, 12.88it/s]
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68%|        | 6972/10236 [04:03<04:18, 12.61it/s]

68%|        | 6974/10236 [04:03<04:26, 12.22it/s]

68%|        | 6976/10236 [04:03<04:36, 11.77it/s]

68%|        | 6978/10236 [04:03<04:40, 11.61it/s]

68%|        | 6980/10236 [04:03<04:50, 11.22it/s]

68%|        | 6984/10236 [04:03<03:52, 13.97it/s]

68%|        | 6987/10236 [04:03<03:19, 16.32it/s]

68%|        | 6990/10236 [04:04<02:55, 18.48it/s]

68%|        | 6993/10236 [04:04<02:41, 20.06it/s]

68%|        | 6996/10236 [04:04<02:30, 21.51it/s]

68%|        | 6999/10236 [04:04<02:24, 22.38it/s]

68%|        | 7002/10236 [04:04<02:22, 22.64it/s]

68%|        | 7005/10236 [04:04<02:21, 22.87it/s]

68%|        | 7008/10236 [04:04<02:19, 23.06it/s]

68%|        | 7011/10236 [04:04<02:20, 22.95it/s]

69%|        | 7014/10236 [04:05<02:17, 23.49it/s]

69%|        | 7017/10236 [04:05<02:20, 22.98it/s]

69%|        | 7020/10236 [04:05<02:58, 18.04it/s]

69%|        | 7022/10236 [04:05<03:41, 14.54it/s]

69%|        | 7024/10236 [04:05<04:03, 13.18it/s]

69%|        | 7026/10236 [04:06<04:21, 12.29it/s]

69%|        | 7028/10236 [04:06<04:34, 11.67it/s]

69%|        | 7030/10236 [04:06<04:43, 11.30it/s]

69%|        | 7032/10236 [04:06<04:48, 11.09it/s]
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69%|          | 7034/10236 [04:06<04:53, 10.92it/s]

69%|          | 7036/10236 [04:07<05:00, 10.66it/s]

69%|          | 7038/10236 [04:07<05:03, 10.53it/s]

69%|          | 7040/10236 [04:07<04:48, 11.07it/s]

69%|          | 7042/10236 [04:07<04:25, 12.03it/s]

69%|          | 7044/10236 [04:07<04:09, 12.77it/s]

69%|          | 7046/10236 [04:07<04:05, 12.98it/s]

69%|          | 7048/10236 [04:07<03:57, 13.41it/s]

69%|          | 7050/10236 [04:08<03:48, 13.96it/s]

69%|          | 7052/10236 [04:08<03:41, 14.35it/s]

69%|          | 7054/10236 [04:08<03:39, 14.48it/s]

69%|          | 7056/10236 [04:08<03:38, 14.59it/s]

69%|          | 7061/10236 [04:08<02:53, 18.32it/s]

69%|          | 7066/10236 [04:08<02:21, 22.39it/s]

69%|          | 7071/10236 [04:08<01:58, 26.67it/s]

69%|          | 7076/10236 [04:08<01:43, 30.60it/s]

69%|          | 7081/10236 [04:08<01:32, 34.03it/s]

69%|          | 7086/10236 [04:09<01:27, 36.10it/s]

69%|          | 7091/10236 [04:09<01:22, 38.14it/s]

69%|          | 7096/10236 [04:09<01:27, 35.93it/s]

69%|          | 7100/10236 [04:09<01:34, 33.24it/s]

69%|          | 7104/10236 [04:09<01:43, 30.17it/s]

69%|          | 7108/10236 [04:09<01:41, 30.82it/s]

69%|          | 7112/10236 [04:09<01:38, 31.83it/s]
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70%|          | 7116/10236 [04:10<02:07, 24.47it/s]

70%|          | 7119/10236 [04:10<02:33, 20.31it/s]

70%|          | 7122/10236 [04:10<02:47, 18.62it/s]

70%|          | 7125/10236 [04:10<02:59, 17.31it/s]

70%|          | 7127/10236 [04:10<03:09, 16.41it/s]

70%|          | 7129/10236 [04:11<03:18, 15.62it/s]

70%|          | 7131/10236 [04:11<03:22, 15.33it/s]

70%|          | 7133/10236 [04:11<03:21, 15.42it/s]

70%|          | 7135/10236 [04:11<03:29, 14.83it/s]

70%|          | 7139/10236 [04:11<02:52, 17.99it/s]

70%|          | 7144/10236 [04:11<02:23, 21.58it/s]

70%|          | 7148/10236 [04:11<02:06, 24.42it/s]

70%|          | 7153/10236 [04:11<01:48, 28.34it/s]

70%|          | 7157/10236 [04:12<01:42, 30.12it/s]

70%|          | 7161/10236 [04:12<01:39, 30.88it/s]

70%|          | 7165/10236 [04:12<01:33, 32.96it/s]

70%|          | 7169/10236 [04:12<01:31, 33.61it/s]

70%|          | 7174/10236 [04:12<01:25, 35.71it/s]

70%|          | 7178/10236 [04:12<01:26, 35.26it/s]

70%|          | 7182/10236 [04:12<01:29, 34.22it/s]

70%|          | 7186/10236 [04:12<01:26, 35.42it/s]

70%|          | 7190/10236 [04:12<01:24, 36.20it/s]

70%|          | 7194/10236 [04:13<01:50, 27.47it/s]

70%|          | 7198/10236 [04:13<02:15, 22.39it/s]
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70%|          | 7201/10236 [04:13<02:29, 20.27it/s]

70%|          | 7204/10236 [04:13<02:41, 18.78it/s]

70%|          | 7207/10236 [04:13<02:49, 17.83it/s]

70%|          | 7209/10236 [04:14<02:56, 17.15it/s]

70%|          | 7211/10236 [04:14<03:14, 15.52it/s]

70%|          | 7213/10236 [04:14<03:36, 13.96it/s]

70%|          | 7215/10236 [04:14<03:47, 13.28it/s]

71%|          | 7217/10236 [04:14<03:56, 12.78it/s]

71%|          | 7219/10236 [04:14<04:01, 12.51it/s]

71%|          | 7221/10236 [04:15<03:59, 12.57it/s]

71%|          | 7223/10236 [04:15<04:02, 12.42it/s]

71%|          | 7225/10236 [04:15<04:12, 11.92it/s]

71%|          | 7227/10236 [04:15<04:20, 11.56it/s]

71%|          | 7229/10236 [04:15<04:11, 11.95it/s]

71%|          | 7231/10236 [04:15<03:58, 12.62it/s]

71%|          | 7233/10236 [04:16<03:57, 12.63it/s]

71%|          | 7235/10236 [04:16<03:47, 13.18it/s]

71%|          | 7239/10236 [04:16<03:05, 16.15it/s]

71%|          | 7242/10236 [04:16<02:39, 18.71it/s]

71%|          | 7247/10236 [04:16<02:11, 22.80it/s]

71%|          | 7251/10236 [04:16<01:58, 25.13it/s]

71%|          | 7255/10236 [04:16<01:45, 28.22it/s]

71%|          | 7259/10236 [04:16<01:40, 29.66it/s]

71%|          | 7264/10236 [04:17<01:29, 33.08it/s]
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71%|          | 7268/10236 [04:17<01:27, 34.03it/s]

71%|          | 7273/10236 [04:17<01:21, 36.42it/s]

71%|          | 7278/10236 [04:17<01:16, 38.62it/s]

71%|          | 7283/10236 [04:17<01:13, 40.00it/s]

71%|          | 7288/10236 [04:17<01:15, 39.18it/s]

71%|          | 7293/10236 [04:17<01:24, 34.98it/s]

71%|          | 7297/10236 [04:18<01:55, 25.54it/s]

71%|          | 7301/10236 [04:18<02:20, 20.82it/s]

71%|          | 7304/10236 [04:18<02:35, 18.80it/s]

71%|          | 7307/10236 [04:18<02:46, 17.64it/s]

71%|          | 7310/10236 [04:18<02:52, 17.00it/s]

71%|          | 7312/10236 [04:19<03:01, 16.12it/s]

71%|          | 7314/10236 [04:19<03:15, 14.97it/s]

71%|          | 7316/10236 [04:19<03:18, 14.69it/s]

72%|          | 7321/10236 [04:19<02:38, 18.34it/s]

72%|          | 7326/10236 [04:19<02:09, 22.43it/s]

72%|          | 7331/10236 [04:19<01:51, 26.12it/s]

72%|          | 7335/10236 [04:19<01:40, 28.82it/s]

72%|          | 7339/10236 [04:19<01:37, 29.83it/s]

72%|          | 7343/10236 [04:20<01:35, 30.17it/s]

72%|          | 7347/10236 [04:20<01:30, 31.96it/s]

72%|          | 7351/10236 [04:20<01:25, 33.60it/s]

72%|          | 7355/10236 [04:20<01:23, 34.37it/s]

72%|          | 7359/10236 [04:20<01:23, 34.66it/s]
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72%|        | 7364/10236 [04:20<01:19, 36.14it/s]

72%|        | 7368/10236 [04:20<01:19, 36.20it/s]

72%|        | 7373/10236 [04:20<01:24, 33.89it/s]

72%|        | 7377/10236 [04:21<02:04, 23.05it/s]

72%|        | 7380/10236 [04:21<02:31, 18.84it/s]

72%|        | 7383/10236 [04:21<02:46, 17.14it/s]

72%|        | 7386/10236 [04:21<02:53, 16.43it/s]

72%|        | 7388/10236 [04:21<03:02, 15.62it/s]

72%|        | 7390/10236 [04:22<03:04, 15.43it/s]

72%|        | 7392/10236 [04:22<03:09, 15.01it/s]

72%|        | 7394/10236 [04:22<03:10, 14.92it/s]

72%|        | 7398/10236 [04:22<02:37, 18.07it/s]

72%|        | 7403/10236 [04:22<02:07, 22.17it/s]

72%|        | 7408/10236 [04:22<01:48, 26.02it/s]

72%|        | 7413/10236 [04:22<01:35, 29.69it/s]

72%|        | 7418/10236 [04:22<01:26, 32.74it/s]

73%|        | 7422/10236 [04:23<01:23, 33.83it/s]

73%|        | 7427/10236 [04:23<01:17, 36.17it/s]

73%|        | 7432/10236 [04:23<01:13, 38.00it/s]

73%|        | 7437/10236 [04:23<01:11, 39.25it/s]

73%|        | 7442/10236 [04:23<01:09, 39.96it/s]

73%|        | 7447/10236 [04:23<01:07, 41.08it/s]

73%|        | 7452/10236 [04:23<01:10, 39.32it/s]

73%|        | 7457/10236 [04:23<01:15, 36.91it/s]
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73%|        | 7461/10236 [04:24<01:48, 25.52it/s]

73%|        | 7465/10236 [04:24<02:13, 20.78it/s]

73%|        | 7468/10236 [04:24<02:30, 18.34it/s]

73%|        | 7471/10236 [04:24<02:39, 17.36it/s]

73%|        | 7474/10236 [04:25<02:43, 16.93it/s]

73%|        | 7476/10236 [04:25<02:48, 16.42it/s]

73%|        | 7478/10236 [04:25<02:50, 16.18it/s]

73%|        | 7480/10236 [04:25<02:53, 15.85it/s]

73%|        | 7483/10236 [04:25<02:32, 18.10it/s]

73%|        | 7487/10236 [04:25<02:09, 21.23it/s]

73%|        | 7491/10236 [04:25<01:52, 24.45it/s]

73%|        | 7496/10236 [04:25<01:38, 27.86it/s]

73%|        | 7500/10236 [04:25<01:33, 29.41it/s]

73%|        | 7504/10236 [04:26<01:38, 27.74it/s]

73%|        | 7508/10236 [04:26<01:36, 28.17it/s]

73%|        | 7512/10236 [04:26<01:29, 30.55it/s]

73%|        | 7517/10236 [04:26<01:21, 33.51it/s]

73%|        | 7521/10236 [04:26<01:25, 31.93it/s]

74%|        | 7526/10236 [04:26<01:19, 34.29it/s]

74%|        | 7531/10236 [04:26<01:14, 36.46it/s]

74%|        | 7535/10236 [04:27<01:34, 28.70it/s]

74%|        | 7539/10236 [04:27<01:59, 22.52it/s]

74%|        | 7542/10236 [04:27<02:14, 19.98it/s]

74%|        | 7545/10236 [04:27<02:38, 16.98it/s]
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74%|          | 7548/10236 [04:28<02:59, 15.00it/s]

74%|          | 7550/10236 [04:28<03:04, 14.53it/s]

74%|          | 7552/10236 [04:28<03:08, 14.24it/s]

74%|          | 7554/10236 [04:28<03:14, 13.81it/s]

74%|          | 7557/10236 [04:28<02:44, 16.24it/s]

74%|          | 7562/10236 [04:28<02:14, 19.87it/s]

74%|          | 7566/10236 [04:28<01:57, 22.80it/s]

74%|          | 7570/10236 [04:28<01:45, 25.24it/s]

74%|          | 7575/10236 [04:29<01:33, 28.54it/s]

74%|          | 7579/10236 [04:29<01:26, 30.62it/s]

74%|          | 7583/10236 [04:29<01:21, 32.59it/s]

74%|          | 7587/10236 [04:29<01:18, 33.54it/s]

74%|          | 7591/10236 [04:29<01:27, 30.34it/s]

74%|          | 7595/10236 [04:29<01:23, 31.73it/s]

74%|          | 7599/10236 [04:29<01:20, 32.96it/s]

74%|          | 7603/10236 [04:29<01:22, 31.81it/s]

74%|          | 7607/10236 [04:30<01:25, 30.58it/s]

74%|          | 7611/10236 [04:30<01:59, 22.06it/s]

74%|          | 7614/10236 [04:30<02:18, 18.99it/s]

74%|          | 7617/10236 [04:30<02:30, 17.42it/s]

74%|          | 7620/10236 [04:30<02:35, 16.82it/s]

74%|          | 7622/10236 [04:31<02:41, 16.19it/s]

74%|          | 7624/10236 [04:31<02:47, 15.57it/s]

75%|          | 7626/10236 [04:31<02:48, 15.50it/s]
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75%|          | 7628/10236 [04:31<02:51, 15.23it/s]

75%|          | 7630/10236 [04:31<02:45, 15.70it/s]

75%|          | 7635/10236 [04:31<02:13, 19.53it/s]

75%|          | 7640/10236 [04:31<01:49, 23.75it/s]

75%|          | 7645/10236 [04:31<01:34, 27.50it/s]

75%|          | 7650/10236 [04:32<01:24, 30.71it/s]

75%|          | 7654/10236 [04:32<01:20, 32.12it/s]

75%|          | 7658/10236 [04:32<01:16, 33.76it/s]

75%|          | 7662/10236 [04:32<01:16, 33.48it/s]

75%|          | 7666/10236 [04:32<01:16, 33.51it/s]

75%|          | 7670/10236 [04:32<01:18, 32.55it/s]

75%|          | 7675/10236 [04:32<01:12, 35.33it/s]

75%|          | 7679/10236 [04:32<01:10, 36.43it/s]

75%|          | 7683/10236 [04:33<01:11, 35.76it/s]

75%|          | 7687/10236 [04:33<01:16, 33.24it/s]

75%|          | 7691/10236 [04:33<01:48, 23.55it/s]

75%|          | 7694/10236 [04:33<02:05, 20.33it/s]

75%|          | 7697/10236 [04:33<02:18, 18.32it/s]

75%|          | 7700/10236 [04:34<02:26, 17.30it/s]

75%|          | 7702/10236 [04:34<02:36, 16.19it/s]

75%|          | 7704/10236 [04:34<02:40, 15.77it/s]

75%|          | 7706/10236 [04:34<02:40, 15.73it/s]

75%|          | 7708/10236 [04:34<02:43, 15.44it/s]

75%|          | 7710/10236 [04:34<02:42, 15.53it/s]
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75%|          | 7715/10236 [04:34<02:10, 19.33it/s]

75%|          | 7720/10236 [04:34<01:47, 23.46it/s]

75%|          | 7725/10236 [04:35<01:31, 27.48it/s]

76%|          | 7729/10236 [04:35<01:23, 30.10it/s]

76%|          | 7733/10236 [04:35<01:19, 31.57it/s]

76%|          | 7737/10236 [04:35<01:17, 32.31it/s]

76%|          | 7741/10236 [04:35<01:15, 32.93it/s]

76%|          | 7746/10236 [04:35<01:11, 34.85it/s]

76%|          | 7750/10236 [04:35<01:09, 35.55it/s]

76%|          | 7754/10236 [04:35<01:09, 35.51it/s]

76%|          | 7758/10236 [04:35<01:08, 36.00it/s]

76%|          | 7762/10236 [04:36<01:07, 36.92it/s]

76%|          | 7766/10236 [04:36<01:07, 36.54it/s]

76%|          | 7770/10236 [04:36<01:40, 24.48it/s]

76%|          | 7774/10236 [04:36<02:01, 20.24it/s]

76%|          | 7777/10236 [04:36<02:14, 18.27it/s]

76%|          | 7780/10236 [04:37<02:21, 17.33it/s]

76%|          | 7783/10236 [04:37<02:27, 16.62it/s]

76%|          | 7785/10236 [04:37<02:33, 15.96it/s]

76%|          | 7787/10236 [04:37<02:35, 15.78it/s]

76%|          | 7789/10236 [04:37<02:37, 15.52it/s]

76%|          | 7792/10236 [04:37<02:18, 17.64it/s]

76%|          | 7797/10236 [04:37<01:51, 21.82it/s]

76%|          | 7802/10236 [04:38<01:34, 25.73it/s]
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76%|          | 7807/10236 [04:38<01:23, 29.24it/s]

76%|          | 7811/10236 [04:38<01:18, 30.93it/s]

76%|          | 7816/10236 [04:38<01:11, 33.68it/s]

76%|          | 7821/10236 [04:38<01:07, 35.92it/s]

76%|          | 7825/10236 [04:38<01:11, 33.61it/s]

76%|          | 7829/10236 [04:38<01:12, 33.09it/s]

77%|          | 7833/10236 [04:38<01:10, 33.96it/s]

77%|          | 7838/10236 [04:38<01:05, 36.40it/s]

77%|          | 7843/10236 [04:39<01:03, 37.71it/s]

77%|          | 7848/10236 [04:39<01:00, 39.31it/s]

77%|          | 7853/10236 [04:39<01:19, 29.80it/s]

77%|          | 7857/10236 [04:39<01:50, 21.54it/s]

77%|          | 7860/10236 [04:39<02:03, 19.22it/s]

77%|          | 7863/10236 [04:40<02:28, 15.96it/s]

77%|          | 7866/10236 [04:40<02:32, 15.55it/s]

77%|          | 7868/10236 [04:40<02:47, 14.17it/s]

77%|          | 7870/10236 [04:40<02:45, 14.26it/s]

77%|          | 7872/10236 [04:40<02:36, 15.11it/s]

77%|          | 7877/10236 [04:40<02:04, 18.93it/s]

77%|          | 7882/10236 [04:41<01:42, 22.89it/s]

77%|          | 7887/10236 [04:41<01:27, 26.89it/s]

77%|          | 7892/10236 [04:41<01:16, 30.45it/s]

77%|          | 7897/10236 [04:41<01:11, 32.73it/s]

77%|          | 7901/10236 [04:41<01:07, 34.51it/s]
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77%|         | 7905/10236 [04:41<01:05, 35.40it/s]

77%|         | 7910/10236 [04:41<01:02, 37.10it/s]

77%|         | 7915/10236 [04:41<01:00, 38.41it/s]

77%|         | 7920/10236 [04:42<01:00, 38.34it/s]

77%|         | 7924/10236 [04:42<01:03, 36.24it/s]

77%|         | 7928/10236 [04:42<01:06, 34.49it/s]

77%|         | 7932/10236 [04:42<01:24, 27.15it/s]

78%|         | 7936/10236 [04:42<02:02, 18.78it/s]

78%|         | 7939/10236 [04:43<02:17, 16.68it/s]

78%|         | 7942/10236 [04:43<02:27, 15.60it/s]

78%|         | 7944/10236 [04:43<02:43, 14.02it/s]

78%|         | 7946/10236 [04:43<02:55, 13.02it/s]

78%|         | 7948/10236 [04:43<03:02, 12.54it/s]

78%|         | 7950/10236 [04:43<02:52, 13.26it/s]

78%|         | 7955/10236 [04:44<02:16, 16.69it/s]

78%|         | 7960/10236 [04:44<01:52, 20.26it/s]

78%|         | 7964/10236 [04:44<01:36, 23.51it/s]

78%|         | 7968/10236 [04:44<01:28, 25.76it/s]

78%|         | 7973/10236 [04:44<01:17, 29.22it/s]

78%|         | 7977/10236 [04:44<01:14, 30.51it/s]

78%|         | 7981/10236 [04:44<01:09, 32.64it/s]

78%|         | 7985/10236 [04:44<01:08, 33.00it/s]

78%|         | 7990/10236 [04:45<01:03, 35.54it/s]

78%|         | 7994/10236 [04:45<01:03, 35.29it/s]
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78%|        | 7998/10236 [04:45<01:02, 36.03it/s]

78%|        | 8002/10236 [04:45<01:04, 34.84it/s]

78%|        | 8006/10236 [04:45<01:08, 32.39it/s]

78%|        | 8010/10236 [04:45<01:36, 23.03it/s]

78%|        | 8013/10236 [04:46<02:00, 18.49it/s]

78%|        | 8016/10236 [04:46<02:24, 15.41it/s]

78%|        | 8018/10236 [04:46<02:40, 13.82it/s]

78%|        | 8020/10236 [04:46<02:42, 13.61it/s]

78%|        | 8022/10236 [04:46<02:44, 13.47it/s]

78%|        | 8024/10236 [04:46<02:41, 13.66it/s]

78%|        | 8026/10236 [04:47<02:35, 14.18it/s]

78%|        | 8030/10236 [04:47<02:06, 17.43it/s]

78%|        | 8035/10236 [04:47<01:44, 21.15it/s]

79%|        | 8040/10236 [04:47<01:27, 25.07it/s]

79%|        | 8044/10236 [04:47<01:18, 27.86it/s]

79%|        | 8049/10236 [04:47<01:10, 31.12it/s]

79%|        | 8053/10236 [04:47<01:06, 33.04it/s]

79%|        | 8057/10236 [04:47<01:05, 33.12it/s]

79%|        | 8061/10236 [04:47<01:02, 34.69it/s]

79%|        | 8065/10236 [04:48<01:01, 35.27it/s]

79%|        | 8070/10236 [04:48<00:58, 36.93it/s]

79%|        | 8074/10236 [04:48<00:58, 37.08it/s]

79%|        | 8078/10236 [04:48<00:57, 37.41it/s]

79%|        | 8082/10236 [04:48<00:58, 36.70it/s]
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79%|          | 8086/10236 [04:48<01:20, 26.80it/s]

79%|          | 8090/10236 [04:48<01:35, 22.41it/s]

79%|          | 8093/10236 [04:49<01:47, 19.91it/s]

79%|          | 8096/10236 [04:49<01:54, 18.61it/s]

79%|          | 8099/10236 [04:49<02:00, 17.70it/s]

79%|          | 8101/10236 [04:49<02:14, 15.82it/s]

79%|          | 8103/10236 [04:49<02:19, 15.33it/s]

79%|          | 8105/10236 [04:49<02:23, 14.80it/s]

79%|          | 8107/10236 [04:50<02:24, 14.70it/s]

79%|          | 8112/10236 [04:50<01:56, 18.24it/s]

79%|          | 8117/10236 [04:50<01:36, 21.95it/s]

79%|          | 8120/10236 [04:50<01:29, 23.52it/s]

79%|          | 8125/10236 [04:50<01:17, 27.21it/s]

79%|          | 8129/10236 [04:50<01:12, 29.24it/s]

79%|          | 8134/10236 [04:50<01:05, 32.28it/s]

80%|          | 8138/10236 [04:50<01:02, 33.58it/s]

80%|          | 8142/10236 [04:51<00:59, 35.28it/s]

80%|          | 8146/10236 [04:51<00:59, 35.34it/s]

80%|          | 8151/10236 [04:51<00:55, 37.41it/s]

80%|          | 8156/10236 [04:51<00:53, 38.95it/s]

80%|          | 8161/10236 [04:51<00:51, 39.93it/s]

80%|          | 8166/10236 [04:51<01:00, 34.03it/s]

80%|          | 8170/10236 [04:52<01:31, 22.59it/s]

80%|          | 8173/10236 [04:52<01:45, 19.50it/s]
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80%|         | 8176/10236 [04:52<01:52, 18.31it/s]

80%|         | 8179/10236 [04:52<02:01, 16.89it/s]

80%|         | 8181/10236 [04:52<02:07, 16.06it/s]

80%|         | 8183/10236 [04:52<02:19, 14.77it/s]

80%|         | 8185/10236 [04:53<02:16, 15.06it/s]

80%|         | 8187/10236 [04:53<02:14, 15.21it/s]

80%|         | 8191/10236 [04:53<01:50, 18.53it/s]

80%|         | 8196/10236 [04:53<01:29, 22.72it/s]

80%|         | 8201/10236 [04:53<01:16, 26.74it/s]

80%|         | 8206/10236 [04:53<01:07, 30.25it/s]

80%|         | 8210/10236 [04:53<01:04, 31.42it/s]

80%|         | 8214/10236 [04:53<01:02, 32.45it/s]

80%|         | 8218/10236 [04:53<00:59, 34.10it/s]

80%|         | 8222/10236 [04:54<00:56, 35.43it/s]

80%|         | 8227/10236 [04:54<00:53, 37.28it/s]

80%|         | 8231/10236 [04:54<00:54, 36.57it/s]

80%|         | 8236/10236 [04:54<00:52, 37.97it/s]

81%|         | 8240/10236 [04:54<00:52, 38.09it/s]

81%|         | 8245/10236 [04:54<00:50, 39.06it/s]

81%|         | 8249/10236 [04:54<00:59, 33.50it/s]

81%|         | 8253/10236 [04:55<01:18, 25.10it/s]

81%|         | 8256/10236 [04:55<01:31, 21.64it/s]

81%|         | 8259/10236 [04:55<01:43, 19.07it/s]

81%|         | 8262/10236 [04:55<01:58, 16.69it/s]
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81%|         | 8266/10236 [04:55<02:11, 14.95it/s]

81%|         | 8268/10236 [04:56<02:28, 13.29it/s]

81%|         | 8270/10236 [04:56<02:24, 13.62it/s]

81%|         | 8275/10236 [04:56<01:54, 17.13it/s]

81%|         | 8280/10236 [04:56<01:33, 20.94it/s]

81%|         | 8284/10236 [04:56<01:20, 24.35it/s]

81%|         | 8288/10236 [04:56<01:10, 27.46it/s]

81%|         | 8293/10236 [04:56<01:02, 30.87it/s]

81%|         | 8298/10236 [04:56<00:57, 33.44it/s]

81%|         | 8303/10236 [04:57<00:54, 35.57it/s]

81%|         | 8307/10236 [04:57<00:55, 34.98it/s]

81%|         | 8312/10236 [04:57<00:52, 36.71it/s]

81%|         | 8316/10236 [04:57<00:51, 37.37it/s]

81%|        | 8320/10236 [04:57<00:50, 38.06it/s]

81%|        | 8324/10236 [04:57<00:51, 36.84it/s]

81%|        | 8329/10236 [04:57<00:51, 37.10it/s]

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81%|        | 8337/10236 [04:58<01:27, 21.72it/s]

81%|        | 8340/10236 [04:58<01:37, 19.47it/s]

82%|        | 8343/10236 [04:58<01:46, 17.82it/s]

82%|        | 8346/10236 [04:58<01:56, 16.29it/s]

82%|        | 8348/10236 [04:59<02:00, 15.71it/s]

82%|        | 8350/10236 [04:59<02:04, 15.15it/s]
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82%|          | 8358/10236 [04:59<01:29, 21.09it/s]

82%|          | 8363/10236 [04:59<01:14, 25.27it/s]

82%|          | 8367/10236 [04:59<01:06, 27.91it/s]

82%|          | 8371/10236 [04:59<01:00, 30.68it/s]

82%|          | 8376/10236 [04:59<00:55, 33.24it/s]

82%|          | 8380/10236 [04:59<00:55, 33.58it/s]

82%|          | 8385/10236 [05:00<00:51, 35.80it/s]

82%|          | 8390/10236 [05:00<00:48, 37.74it/s]

82%|          | 8394/10236 [05:00<00:49, 37.07it/s]

82%|          | 8399/10236 [05:00<00:47, 38.57it/s]

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82%|          | 8408/10236 [05:00<00:46, 39.03it/s]

82%|          | 8412/10236 [05:00<00:49, 36.91it/s]

82%|          | 8416/10236 [05:01<01:09, 26.05it/s]

82%|          | 8420/10236 [05:01<01:22, 22.07it/s]

82%|          | 8423/10236 [05:01<01:31, 19.88it/s]

82%|          | 8426/10236 [05:01<01:39, 18.14it/s]

82%|          | 8429/10236 [05:01<01:43, 17.43it/s]

82%|          | 8431/10236 [05:01<01:49, 16.46it/s]

82%|          | 8433/10236 [05:02<01:52, 16.07it/s]

82%|          | 8436/10236 [05:02<01:39, 18.04it/s]

82%|          | 8441/10236 [05:02<01:21, 22.04it/s]

83%|          | 8446/10236 [05:02<01:08, 26.27it/s]
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83%|         | 8450/10236 [05:02<01:05, 27.33it/s]

83%|         | 8454/10236 [05:02<00:59, 29.78it/s]

83%|         | 8459/10236 [05:02<00:54, 32.63it/s]

83%|         | 8463/10236 [05:02<00:51, 34.42it/s]

83%|         | 8467/10236 [05:02<00:49, 35.50it/s]

83%|         | 8471/10236 [05:03<00:48, 36.47it/s]

83%|         | 8475/10236 [05:03<00:49, 35.23it/s]

83%|         | 8480/10236 [05:03<00:46, 37.41it/s]

83%|         | 8485/10236 [05:03<00:45, 38.61it/s]

83%|         | 8489/10236 [05:03<00:46, 37.66it/s]

83%|         | 8493/10236 [05:03<00:55, 31.50it/s]

83%|         | 8497/10236 [05:03<01:11, 24.30it/s]

83%|         | 8500/10236 [05:04<01:23, 20.70it/s]

83%|         | 8503/10236 [05:04<01:31, 18.94it/s]

83%|         | 8506/10236 [05:04<01:39, 17.39it/s]

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83%|         | 8510/10236 [05:04<01:50, 15.66it/s]

83%|         | 8512/10236 [05:04<01:52, 15.31it/s]

83%|         | 8514/10236 [05:05<01:56, 14.72it/s]

83%|         | 8516/10236 [05:05<01:54, 15.02it/s]

83%|         | 8521/10236 [05:05<01:31, 18.80it/s]

83%|         | 8526/10236 [05:05<01:15, 22.68it/s]

83%|         | 8531/10236 [05:05<01:04, 26.62it/s]

83%|         | 8535/10236 [05:05<00:57, 29.54it/s]
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84%|        | 8552/10236 [05:06<00:48, 34.97it/s]

84%|        | 8557/10236 [05:06<00:45, 36.86it/s]

84%|        | 8562/10236 [05:06<00:43, 38.61it/s]

84%|        | 8567/10236 [05:06<00:43, 38.02it/s]

84%|        | 8572/10236 [05:06<00:42, 39.22it/s]

84%|        | 8577/10236 [05:06<00:47, 35.07it/s]

84%|        | 8581/10236 [05:07<01:04, 25.70it/s]

84%|        | 8585/10236 [05:07<01:17, 21.23it/s]

84%|        | 8588/10236 [05:07<01:26, 19.06it/s]

84%|        | 8591/10236 [05:07<01:32, 17.73it/s]

84%|        | 8594/10236 [05:07<01:37, 16.80it/s]

84%|        | 8596/10236 [05:08<01:42, 16.04it/s]

84%|        | 8598/10236 [05:08<01:44, 15.65it/s]

84%|        | 8600/10236 [05:08<01:48, 15.13it/s]

84%|        | 8604/10236 [05:08<01:28, 18.43it/s]

84%|        | 8609/10236 [05:08<01:12, 22.36it/s]

84%|        | 8614/10236 [05:08<01:01, 26.26it/s]

84%|        | 8619/10236 [05:08<00:54, 29.65it/s]

84%|        | 8624/10236 [05:08<00:49, 32.60it/s]

84%|        | 8629/10236 [05:09<00:46, 34.58it/s]

84%|        | 8633/10236 [05:09<00:44, 35.77it/s]
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84%| | 8637/10236 [05:09<00:43, 36.44it/s]

84%| | 8642/10236 [05:09<00:41, 38.48it/s]

84%| | 8647/10236 [05:09<00:41, 37.94it/s]

85%| | 8652/10236 [05:09<00:40, 39.32it/s]

85%| | 8657/10236 [05:09<00:41, 38.46it/s]

85%| | 8662/10236 [05:09<00:42, 36.85it/s]

85%| | 8666/10236 [05:10<01:01, 25.41it/s]

85%| | 8670/10236 [05:10<01:15, 20.76it/s]

85%| | 8673/10236 [05:10<01:26, 18.06it/s]

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85%| | 8679/10236 [05:11<01:39, 15.69it/s]

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85%| | 8685/10236 [05:11<01:41, 15.29it/s]

85%| | 8689/10236 [05:11<01:22, 18.76it/s]

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85%| | 8699/10236 [05:11<00:58, 26.36it/s]

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85%| | 8708/10236 [05:12<00:48, 31.72it/s]

85%| | 8712/10236 [05:12<00:47, 32.24it/s]

85%| | 8716/10236 [05:12<00:45, 33.64it/s]

85%| | 8720/10236 [05:12<00:43, 35.15it/s]

85%| | 8724/10236 [05:12<00:42, 35.21it/s]

85%| | 8728/10236 [05:12<00:41, 36.19it/s]

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85%|          | 8732/10236 [05:12<00:42, 35.38it/s]

85%|          | 8736/10236 [05:12<00:41, 36.33it/s]

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85%|          | 8744/10236 [05:13<00:54, 27.24it/s]

85%|          | 8748/10236 [05:13<01:05, 22.63it/s]

85%|          | 8751/10236 [05:13<01:15, 19.73it/s]

86%|          | 8754/10236 [05:13<01:21, 18.22it/s]

86%|          | 8757/10236 [05:13<01:25, 17.36it/s]

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86%|          | 8770/10236 [05:14<01:17, 18.94it/s]

86%|          | 8775/10236 [05:14<01:03, 23.04it/s]

86%|          | 8780/10236 [05:14<00:53, 27.16it/s]

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86%|          | 8794/10236 [05:15<00:40, 35.58it/s]

86%|          | 8799/10236 [05:15<00:37, 38.03it/s]

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86%|          | 8809/10236 [05:15<00:35, 39.94it/s]

86%|          | 8814/10236 [05:15<00:36, 39.02it/s]

86%|          | 8819/10236 [05:15<00:35, 39.81it/s]

86%|          | 8824/10236 [05:15<00:35, 39.31it/s]
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86%|          | 8829/10236 [05:16<00:42, 33.06it/s]

86%|          | 8833/10236 [05:16<00:56, 24.64it/s]

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86%|          | 8852/10236 [05:17<01:19, 17.43it/s]

87%|          | 8857/10236 [05:17<01:05, 21.21it/s]

87%|          | 8862/10236 [05:17<00:54, 25.03it/s]

87%|          | 8867/10236 [05:17<00:48, 28.27it/s]

87%|          | 8872/10236 [05:18<00:43, 31.28it/s]

87%|          | 8877/10236 [05:18<00:40, 33.94it/s]

87%|          | 8882/10236 [05:18<00:37, 36.10it/s]

87%|          | 8887/10236 [05:18<00:35, 37.62it/s]

87%|          | 8892/10236 [05:18<00:34, 39.13it/s]

87%|          | 8897/10236 [05:18<00:34, 38.47it/s]

87%|          | 8902/10236 [05:18<00:33, 39.55it/s]

87%|          | 8907/10236 [05:18<00:33, 39.34it/s]

87%|          | 8912/10236 [05:19<00:41, 31.71it/s]

87%|          | 8916/10236 [05:19<00:54, 24.33it/s]

87%|          | 8919/10236 [05:19<01:03, 20.81it/s]

87%|          | 8922/10236 [05:19<01:09, 18.83it/s]
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87%|          | 8925/10236 [05:20<01:14, 17.70it/s]

87%|          | 8928/10236 [05:20<01:19, 16.46it/s]

87%|          | 8930/10236 [05:20<01:22, 15.90it/s]

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87%|          | 8939/10236 [05:20<01:05, 19.76it/s]

87%|          | 8943/10236 [05:20<00:55, 23.21it/s]

87%|          | 8947/10236 [05:20<00:48, 26.53it/s]

87%|          | 8952/10236 [05:21<00:42, 30.01it/s]

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88%|          | 8974/10236 [05:21<00:34, 36.28it/s]

88%|          | 8978/10236 [05:21<00:34, 36.66it/s]

88%|          | 8982/10236 [05:21<00:33, 37.59it/s]

88%|          | 8987/10236 [05:21<00:32, 38.75it/s]

88%|          | 8991/10236 [05:22<00:31, 38.91it/s]

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88%|          | 8999/10236 [05:22<00:52, 23.65it/s]

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88%|          | 9005/10236 [05:22<01:06, 18.57it/s]

88%|          | 9008/10236 [05:23<01:11, 17.24it/s]

88%|          | 9010/10236 [05:23<01:15, 16.17it/s]
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88%| | 9016/10236 [05:23<01:18, 15.49it/s]

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88%| | 9043/10236 [05:24<00:34, 34.60it/s]

88%| | 9048/10236 [05:24<00:31, 37.20it/s]

88%| | 9053/10236 [05:24<00:31, 37.71it/s]

88%| | 9058/10236 [05:24<00:30, 38.85it/s]

89%| | 9063/10236 [05:24<00:30, 38.23it/s]

89%| | 9068/10236 [05:24<00:29, 39.94it/s]

89%| | 9073/10236 [05:24<00:28, 41.06it/s]

89%| | 9078/10236 [05:25<00:27, 41.54it/s]

89%| | 9083/10236 [05:25<00:37, 30.65it/s]

89%| | 9087/10236 [05:25<00:47, 24.06it/s]

89%| | 9090/10236 [05:25<00:55, 20.83it/s]

89%| | 9093/10236 [05:25<01:01, 18.70it/s]

89%| | 9096/10236 [05:26<01:05, 17.45it/s]

89%| | 9099/10236 [05:26<01:10, 16.21it/s]

89%| | 9101/10236 [05:26<01:11, 15.87it/s]

89%| | 9103/10236 [05:26<01:18, 14.49it/s]

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89%|        | 9107/10236 [05:26<01:03, 17.69it/s]

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89%|        | 9116/10236 [05:27<00:45, 24.80it/s]

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89%|        | 9126/10236 [05:27<00:34, 31.88it/s]

89%|        | 9131/10236 [05:27<00:32, 34.31it/s]

89%|        | 9136/10236 [05:27<00:30, 36.44it/s]

89%|        | 9141/10236 [05:27<00:29, 36.89it/s]

89%|        | 9145/10236 [05:27<00:29, 37.05it/s]

89%|        | 9150/10236 [05:27<00:27, 38.85it/s]

89%|        | 9155/10236 [05:27<00:27, 39.75it/s]

89%|        | 9160/10236 [05:28<00:27, 39.13it/s]

90%|        | 9164/10236 [05:28<00:28, 38.03it/s]

90%|        | 9168/10236 [05:28<00:39, 26.86it/s]

90%|        | 9172/10236 [05:28<00:49, 21.46it/s]

90%|        | 9175/10236 [05:28<00:54, 19.53it/s]

90%|        | 9178/10236 [05:29<00:58, 17.97it/s]

90%|        | 9181/10236 [05:29<01:03, 16.55it/s]

90%|        | 9183/10236 [05:29<01:07, 15.58it/s]

90%|        | 9185/10236 [05:29<01:09, 15.15it/s]

90%|        | 9187/10236 [05:29<01:10, 14.81it/s]

90%|        | 9190/10236 [05:29<01:00, 17.18it/s]

90%|        | 9195/10236 [05:29<00:49, 20.92it/s]

90%|        | 9200/10236 [05:30<00:41, 24.76it/s]
```

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90%|          | 9205/10236 [05:30<00:36, 28.08it/s]

90%|          | 9209/10236 [05:30<00:33, 30.62it/s]

90%|          | 9214/10236 [05:30<00:30, 34.04it/s]

90%|          | 9219/10236 [05:30<00:27, 36.83it/s]

90%|          | 9224/10236 [05:30<00:27, 36.56it/s]

90%|          | 9229/10236 [05:30<00:26, 38.26it/s]

90%|          | 9234/10236 [05:30<00:26, 37.96it/s]

90%|          | 9239/10236 [05:31<00:25, 39.47it/s]

90%|          | 9244/10236 [05:31<00:25, 38.80it/s]

90%|          | 9249/10236 [05:31<00:25, 38.33it/s]

90%|          | 9253/10236 [05:31<00:36, 27.25it/s]

90%|          | 9257/10236 [05:31<00:43, 22.47it/s]

90%|          | 9260/10236 [05:32<00:50, 19.26it/s]

90%|          | 9263/10236 [05:32<00:55, 17.64it/s]

91%|          | 9266/10236 [05:32<00:57, 16.75it/s]

91%|          | 9268/10236 [05:32<00:59, 16.22it/s]

91%|          | 9270/10236 [05:32<01:01, 15.83it/s]

91%|          | 9272/10236 [05:32<01:01, 15.80it/s]

91%|          | 9274/10236 [05:32<00:57, 16.73it/s]

91%|          | 9279/10236 [05:33<00:46, 20.64it/s]

91%|          | 9284/10236 [05:33<00:38, 24.87it/s]

91%|          | 9289/10236 [05:33<00:32, 28.98it/s]

91%|          | 9294/10236 [05:33<00:28, 32.50it/s]

91%|          | 9299/10236 [05:33<00:26, 35.15it/s]
```

91%| | 9304/10236 [05:33<00:24, 37.71it/s]

91%| | 9309/10236 [05:33<00:24, 38.28it/s]

91%| | 9314/10236 [05:33<00:22, 40.46it/s]

91%| | 9319/10236 [05:33<00:23, 39.49it/s]

91%| | 9324/10236 [05:34<00:23, 39.58it/s]

91%| | 9329/10236 [05:34<00:23, 39.34it/s]

91%| | 9334/10236 [05:34<00:22, 39.76it/s]

91%| | 9339/10236 [05:34<00:26, 33.82it/s]

91%| | 9343/10236 [05:34<00:34, 25.81it/s]

91%| | 9347/10236 [05:35<00:40, 21.77it/s]

91%| | 9350/10236 [05:35<00:45, 19.46it/s]

91%| | 9353/10236 [05:35<00:48, 18.13it/s]

91%| | 9356/10236 [05:35<00:50, 17.27it/s]

91%| | 9358/10236 [05:35<00:53, 16.53it/s]

91%| | 9360/10236 [05:35<00:54, 16.06it/s]

91%| | 9362/10236 [05:36<00:57, 15.26it/s]

92%| | 9367/10236 [05:36<00:45, 18.99it/s]

92%| | 9372/10236 [05:36<00:37, 23.20it/s]

92%| | 9377/10236 [05:36<00:31, 27.46it/s]

92%| | 9382/10236 [05:36<00:27, 31.39it/s]

92%| | 9387/10236 [05:36<00:24, 34.96it/s]

92%| | 9392/10236 [05:36<00:22, 37.59it/s]

92%| | 9397/10236 [05:36<00:22, 37.60it/s]

92%| | 9402/10236 [05:36<00:21, 39.47it/s]

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92%|        | 9407/10236 [05:37<00:20, 39.76it/s]

92%|        | 9412/10236 [05:37<00:20, 39.99it/s]

92%|        | 9417/10236 [05:37<00:20, 39.25it/s]

92%|        | 9422/10236 [05:37<00:19, 41.46it/s]

92%|        | 9427/10236 [05:37<00:21, 37.86it/s]

92%|        | 9431/10236 [05:37<00:29, 27.03it/s]

92%|        | 9435/10236 [05:38<00:35, 22.44it/s]

92%|        | 9438/10236 [05:38<00:40, 19.82it/s]

92%|        | 9441/10236 [05:38<00:42, 18.59it/s]

92%|        | 9444/10236 [05:38<00:44, 17.88it/s]

92%|        | 9447/10236 [05:38<00:46, 17.14it/s]

92%|        | 9449/10236 [05:38<00:47, 16.68it/s]

92%|        | 9451/10236 [05:39<00:46, 17.00it/s]

92%|        | 9456/10236 [05:39<00:37, 20.92it/s]

92%|        | 9461/10236 [05:39<00:31, 24.61it/s]

92%|        | 9465/10236 [05:39<00:28, 27.49it/s]

93%|        | 9470/10236 [05:39<00:24, 30.74it/s]

93%|        | 9475/10236 [05:39<00:22, 33.28it/s]

93%|        | 9479/10236 [05:39<00:21, 34.63it/s]

93%|        | 9483/10236 [05:39<00:21, 35.61it/s]

93%|        | 9488/10236 [05:39<00:20, 36.23it/s]

93%|        | 9492/10236 [05:40<00:20, 36.89it/s]

93%|        | 9496/10236 [05:40<00:20, 36.89it/s]

93%|        | 9500/10236 [05:40<00:19, 37.63it/s]
```

904

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93%|        | 9504/10236 [05:40<00:20, 36.31it/s]

93%|        | 9509/10236 [05:40<00:18, 38.82it/s]

93%|        | 9513/10236 [05:40<00:26, 27.27it/s]

93%|        | 9517/10236 [05:40<00:32, 22.22it/s]

93%|        | 9520/10236 [05:41<00:36, 19.74it/s]

93%|        | 9523/10236 [05:41<00:39, 18.04it/s]

93%|        | 9526/10236 [05:41<00:41, 17.24it/s]

93%|        | 9528/10236 [05:41<00:44, 15.97it/s]

93%|        | 9530/10236 [05:41<00:46, 15.21it/s]

93%|        | 9532/10236 [05:42<00:49, 14.27it/s]

93%|        | 9534/10236 [05:42<00:46, 15.06it/s]

93%|        | 9539/10236 [05:42<00:37, 18.66it/s]

93%|        | 9544/10236 [05:42<00:30, 22.61it/s]

93%|        | 9549/10236 [05:42<00:25, 26.53it/s]

93%|        | 9553/10236 [05:42<00:23, 29.24it/s]

93%|        | 9558/10236 [05:42<00:20, 32.46it/s]

93%|        | 9563/10236 [05:42<00:18, 35.43it/s]

93%|        | 9568/10236 [05:42<00:17, 37.73it/s]

94%|        | 9573/10236 [05:43<00:17, 38.91it/s]

94%|        | 9578/10236 [05:43<00:17, 38.37it/s]

94%|        | 9583/10236 [05:43<00:16, 39.91it/s]

94%|        | 9588/10236 [05:43<00:16, 38.61it/s]

94%|        | 9593/10236 [05:43<00:15, 40.88it/s]

94%|        | 9598/10236 [05:43<00:20, 30.65it/s]
```

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94%|        | 9602/10236 [05:44<00:29, 21.20it/s]

94%|        | 9605/10236 [05:44<00:38, 16.50it/s]

94%|        | 9608/10236 [05:44<00:43, 14.35it/s]

94%|        | 9610/10236 [05:44<00:48, 13.01it/s]

94%|        | 9612/10236 [05:45<00:50, 12.33it/s]

94%|        | 9614/10236 [05:45<00:47, 12.98it/s]

94%|        | 9617/10236 [05:45<00:40, 15.41it/s]

94%|        | 9622/10236 [05:45<00:32, 19.02it/s]

94%|        | 9627/10236 [05:45<00:26, 23.02it/s]

94%|        | 9631/10236 [05:45<00:23, 25.64it/s]

94%|        | 9635/10236 [05:45<00:21, 27.48it/s]

94%|        | 9639/10236 [05:45<00:19, 30.17it/s]

94%|        | 9643/10236 [05:45<00:18, 32.40it/s]

94%|        | 9647/10236 [05:46<00:17, 34.21it/s]

94%|        | 9651/10236 [05:46<00:16, 35.69it/s]

94%|        | 9655/10236 [05:46<00:16, 34.80it/s]

94%|        | 9659/10236 [05:46<00:17, 33.25it/s]

94%|        | 9663/10236 [05:46<00:16, 34.86it/s]

94%|        | 9667/10236 [05:46<00:16, 35.39it/s]

94%|        | 9671/10236 [05:46<00:16, 34.00it/s]

95%|        | 9675/10236 [05:47<00:24, 23.06it/s]

95%|        | 9678/10236 [05:47<00:28, 19.38it/s]

95%|        | 9681/10236 [05:47<00:30, 18.01it/s]

95%|        | 9684/10236 [05:47<00:32, 16.95it/s]
```

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95%|        | 9686/10236 [05:47<00:34, 16.13it/s]

95%|        | 9688/10236 [05:47<00:35, 15.53it/s]

95%|        | 9690/10236 [05:48<00:35, 15.23it/s]

95%|        | 9692/10236 [05:48<00:37, 14.66it/s]

95%|        | 9694/10236 [05:48<00:35, 15.27it/s]

95%|        | 9699/10236 [05:48<00:28, 19.11it/s]

95%|        | 9704/10236 [05:48<00:23, 22.94it/s]

95%|        | 9709/10236 [05:48<00:19, 26.78it/s]

95%|        | 9714/10236 [05:48<00:16, 30.79it/s]

95%|        | 9718/10236 [05:48<00:16, 31.78it/s]

95%|        | 9722/10236 [05:49<00:15, 32.51it/s]

95%|        | 9726/10236 [05:49<00:15, 33.72it/s]

95%|        | 9730/10236 [05:49<00:14, 34.61it/s]

95%|        | 9735/10236 [05:49<00:13, 36.16it/s]

95%|        | 9739/10236 [05:49<00:13, 37.04it/s]

95%|        | 9743/10236 [05:49<00:13, 37.07it/s]

95%|        | 9747/10236 [05:49<00:13, 36.05it/s]

95%|        | 9751/10236 [05:49<00:13, 36.26it/s]

95%|        | 9755/10236 [05:50<00:19, 24.58it/s]

95%|        | 9758/10236 [05:50<00:24, 19.81it/s]

95%|        | 9761/10236 [05:50<00:27, 17.40it/s]

95%|        | 9764/10236 [05:50<00:28, 16.40it/s]

95%|        | 9766/10236 [05:50<00:29, 15.95it/s]

95%|        | 9768/10236 [05:51<00:30, 15.36it/s]
```

```
95%|         | 9770/10236 [05:51<00:31, 14.87it/s]

95%|         | 9772/10236 [05:51<00:31, 14.82it/s]

95%|         | 9774/10236 [05:51<00:30, 15.37it/s]

96%|         | 9779/10236 [05:51<00:23, 19.23it/s]

96%|         | 9784/10236 [05:51<00:19, 23.06it/s]

96%|         | 9789/10236 [05:51<00:16, 27.05it/s]

96%|         | 9793/10236 [05:51<00:15, 29.25it/s]

96%|         | 9798/10236 [05:51<00:13, 32.87it/s]

96%|         | 9802/10236 [05:52<00:12, 34.30it/s]

96%|         | 9807/10236 [05:52<00:11, 36.69it/s]

96%|         | 9812/10236 [05:52<00:11, 36.27it/s]

96%|         | 9816/10236 [05:52<00:11, 35.37it/s]

96%|         | 9821/10236 [05:52<00:11, 36.57it/s]

96%|         | 9826/10236 [05:52<00:10, 37.90it/s]

96%|         | 9830/10236 [05:52<00:11, 36.48it/s]

96%|         | 9834/10236 [05:52<00:12, 33.25it/s]

96%|         | 9838/10236 [05:53<00:16, 24.21it/s]

96%|         | 9841/10236 [05:53<00:19, 20.05it/s]

96%|         | 9844/10236 [05:53<00:22, 17.70it/s]

96%|         | 9847/10236 [05:53<00:23, 16.43it/s]

96%|         | 9849/10236 [05:54<00:25, 15.30it/s]

96%|         | 9851/10236 [05:54<00:25, 15.29it/s]

96%|         | 9853/10236 [05:54<00:25, 15.05it/s]

96%|         | 9855/10236 [05:54<00:25, 14.95it/s]
```

```
96%|        | 9858/10236 [05:54<00:22, 17.07it/s]

96%|        | 9863/10236 [05:54<00:17, 21.07it/s]

96%|        | 9868/10236 [05:54<00:14, 24.96it/s]

96%|        | 9873/10236 [05:54<00:12, 28.70it/s]

97%|        | 9878/10236 [05:54<00:11, 31.92it/s]

97%|        | 9883/10236 [05:55<00:10, 35.11it/s]

97%|        | 9888/10236 [05:55<00:09, 38.07it/s]

97%|        | 9893/10236 [05:55<00:08, 39.62it/s]

97%|        | 9898/10236 [05:55<00:08, 41.00it/s]

97%|        | 9903/10236 [05:55<00:08, 41.62it/s]

97%|        | 9908/10236 [05:55<00:08, 40.65it/s]

97%|        | 9913/10236 [05:55<00:07, 40.56it/s]

97%|        | 9918/10236 [05:55<00:07, 40.16it/s]

97%|        | 9923/10236 [05:56<00:09, 34.65it/s]

97%|        | 9927/10236 [05:56<00:11, 26.09it/s]

97%|        | 9931/10236 [05:56<00:13, 21.85it/s]

97%|        | 9934/10236 [05:56<00:15, 19.71it/s]

97%|        | 9937/10236 [05:56<00:16, 18.68it/s]

97%|        | 9940/10236 [05:57<00:16, 17.85it/s]

97%|        | 9942/10236 [05:57<00:17, 16.79it/s]

97%|        | 9944/10236 [05:57<00:18, 16.21it/s]

97%|        | 9949/10236 [05:57<00:14, 19.92it/s]

97%|        | 9954/10236 [05:57<00:11, 24.08it/s]

97%|        | 9959/10236 [05:57<00:09, 27.97it/s]
```

```
97%|        | 9964/10236 [05:57<00:08, 31.30it/s]

97%|        | 9969/10236 [05:58<00:07, 33.70it/s]

97%|        | 9974/10236 [05:58<00:07, 35.89it/s]

97%|        | 9978/10236 [05:58<00:07, 36.52it/s]

98%|        | 9983/10236 [05:58<00:06, 38.52it/s]

98%|        | 9988/10236 [05:58<00:06, 38.01it/s]

98%|        | 9992/10236 [05:58<00:06, 38.32it/s]

98%|        | 9996/10236 [05:58<00:06, 35.29it/s]

98%|        | 10000/10236 [05:58<00:06, 34.57it/s]

98%|        | 10004/10236 [05:58<00:07, 32.60it/s]

98%|        | 10008/10236 [05:59<00:09, 24.34it/s]

98%|        | 10011/10236 [05:59<00:10, 20.96it/s]

98%|        | 10014/10236 [05:59<00:11, 19.28it/s]

98%|        | 10017/10236 [05:59<00:12, 17.48it/s]

98%|        | 10019/10236 [05:59<00:13, 16.47it/s]

98%|        | 10021/10236 [06:00<00:13, 15.46it/s]

98%|        | 10023/10236 [06:00<00:14, 14.96it/s]

98%|        | 10025/10236 [06:00<00:14, 14.95it/s]

98%|        | 10027/10236 [06:00<00:13, 15.81it/s]

98%|        | 10032/10236 [06:00<00:10, 19.69it/s]

98%|        | 10037/10236 [06:00<00:08, 23.74it/s]

98%|        | 10042/10236 [06:00<00:07, 27.46it/s]

98%|        | 10047/10236 [06:00<00:06, 30.74it/s]

98%|        | 10051/10236 [06:01<00:05, 32.48it/s]
```

```
98%|        | 10055/10236 [06:01<00:05, 32.87it/s]

98%|        | 10059/10236 [06:01<00:05, 33.77it/s]

98%|        | 10063/10236 [06:01<00:05, 34.04it/s]

98%|        | 10067/10236 [06:01<00:04, 35.26it/s]

98%|        | 10071/10236 [06:01<00:04, 35.16it/s]

98%|        | 10075/10236 [06:01<00:04, 34.49it/s]

98%|        | 10079/10236 [06:01<00:04, 33.93it/s]

99%|        | 10083/10236 [06:01<00:04, 35.11it/s]

99%|        | 10087/10236 [06:02<00:06, 22.87it/s]

99%|        | 10090/10236 [06:02<00:07, 19.85it/s]

99%|        | 10093/10236 [06:02<00:08, 17.64it/s]

99%|        | 10096/10236 [06:02<00:08, 17.27it/s]

99%|        | 10098/10236 [06:02<00:08, 16.81it/s]

99%|        | 10100/10236 [06:03<00:08, 16.29it/s]

99%|        | 10102/10236 [06:03<00:08, 15.84it/s]

99%|        | 10104/10236 [06:03<00:08, 15.74it/s]

99%|        | 10106/10236 [06:03<00:08, 15.56it/s]

99%|        | 10110/10236 [06:03<00:06, 18.68it/s]

99%|        | 10115/10236 [06:03<00:05, 22.78it/s]

99%|        | 10120/10236 [06:03<00:04, 26.70it/s]

99%|        | 10125/10236 [06:03<00:03, 30.04it/s]

99%|        | 10129/10236 [06:04<00:03, 31.68it/s]

99%|        | 10133/10236 [06:04<00:03, 33.75it/s]

99%|        | 10137/10236 [06:04<00:02, 34.47it/s]
```

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99%|        | 10141/10236 [06:04<00:02, 33.48it/s]

99%|        | 10145/10236 [06:04<00:02, 34.48it/s]

99%|        | 10149/10236 [06:04<00:02, 33.81it/s]

99%|        | 10153/10236 [06:04<00:02, 33.97it/s]

99%|        | 10157/10236 [06:04<00:02, 33.93it/s]

99%|        | 10162/10236 [06:05<00:02, 36.33it/s]

99%|        | 10166/10236 [06:05<00:02, 29.61it/s]

99%|        | 10170/10236 [06:05<00:02, 22.69it/s]

99%|        | 10173/10236 [06:05<00:03, 18.66it/s]

99%|        | 10176/10236 [06:05<00:03, 16.91it/s]

99%|        | 10179/10236 [06:06<00:03, 15.83it/s]

99%|        | 10181/10236 [06:06<00:03, 15.46it/s]

99%|        | 10183/10236 [06:06<00:03, 15.33it/s]

100%|       | 10185/10236 [06:06<00:03, 15.20it/s]

100%|       | 10187/10236 [06:06<00:03, 16.16it/s]

100%|       | 10192/10236 [06:06<00:02, 20.01it/s]

100%|       | 10197/10236 [06:06<00:01, 23.74it/s]

100%|       | 10202/10236 [06:06<00:01, 27.23it/s]

100%|       | 10207/10236 [06:07<00:00, 30.44it/s]

100%|       | 10212/10236 [06:07<00:00, 33.09it/s]

100%|       | 10217/10236 [06:07<00:00, 35.75it/s]

100%|       | 10222/10236 [06:07<00:00, 37.85it/s]

100%|       | 10227/10236 [06:07<00:00, 39.59it/s]

100%|       | 10236/10236 [06:07<00:00, 27.83it/s]
```

```
18:05 bilby INFO    : Summary of results:
nsamples: 10236
ln_noise_evidence: -8534.562
ln_evidence: -8247.072 +/-  0.105
ln_bayes_factor: 287.489 +/-  0.105
```

[56]: `result_short1.posterior`

[56]:
	chirp_mass	mass_ratio	luminosity_distance	time_jitter	phase \
0	32.459414	0.883281	342.084779	0.000045	4.768539
1	30.234430	0.729903	263.846180	-0.000099	5.005905
2	30.464899	0.609140	330.084378	0.000209	4.051878
3	30.344610	0.883572	317.003430	0.000194	2.257650
4	30.179528	0.702294	321.012520	0.000141	1.845180
5	30.297598	0.766854	322.079492	0.000118	1.996676
6	30.307818	0.999610	302.254024	-0.000205	5.583669
7	32.132359	0.866993	306.451785	-0.000235	1.791237
8	30.743617	0.812169	340.145203	-0.000208	5.190346
9	30.698383	0.760592	340.990283	0.000119	1.882219
10	31.922593	0.808955	284.690338	-0.000090	4.748396
11	31.864182	0.878689	274.842270	0.000054	4.934573
12	30.376318	0.864641	273.503184	0.000003	5.364812
13	30.765439	0.982825	335.731344	0.000026	5.445464
14	30.019825	0.608872	305.572248	-0.000172	4.257569
15	30.894899	0.564226	297.755059	0.000062	0.550079
16	32.006725	0.863390	320.391180	-0.000066	1.710137
17	30.466208	0.805282	272.434947	-0.000013	2.023597
18	30.678628	0.792204	259.857381	-0.000052	5.184517
19	30.634200	0.839269	336.394555	0.000157	2.138794
20	31.754650	0.708956	290.778934	-0.000126	4.444386
21	30.543413	0.619033	254.191689	0.000043	4.222346
22	30.742557	0.616558	313.656868	0.000213	0.987631
23	30.681366	0.618236	322.991457	0.000093	0.990955
24	30.461653	0.535000	287.634848	0.000212	0.178556
25	30.343770	0.774635	311.379378	-0.000121	5.214118
26	31.922682	0.798466	318.962654	-0.000059	4.834723
27	31.391348	0.973581	266.546553	0.000182	2.094913
28	30.408247	0.550510	266.198616	0.000086	3.556839
29	32.085041	0.909288	292.025289	0.000200	4.966636
...	...	...	...	...	...
10206	31.151854	0.970965	292.993910	0.000071	2.106777
10207	31.181132	0.960879	300.236990	0.000041	5.293078
10208	31.107808	0.989664	294.661648	0.000083	5.369172
10209	31.211418	0.977587	300.324895	0.000027	2.077705
10210	31.117693	0.972186	294.546588	0.000086	5.376587
10211	31.241220	0.983376	295.409550	0.000011	2.104202

```
10212    31.109869    0.987419         296.556272    0.000093  5.328811
10213    31.231146    0.985347         299.919567    0.000029  2.077114
10214    31.204567    0.940779         297.445561    0.000023  2.189089
10215    31.196071    0.978910         294.021180    0.000060  2.079675
10216    31.151023    0.945210         296.085796    0.000043  2.077228
10217    31.177377    0.979474         294.019811    0.000069  5.260147
10218    31.231790    0.979334         299.162133    0.000030  5.361281
10219    31.154216    0.947387         297.357238    0.000065  2.097862
10220    31.186905    0.987323         298.497686    0.000027  5.217430
10221    31.204480    0.964792         295.145939    0.000053  2.088350
10222    31.126684    0.964491         296.432128    0.000076  5.238308
10223    31.179778    0.991766         299.036519    0.000034  2.136886
10224    31.206107    0.953329         298.451751    0.000032  5.225900
10225    31.147145    0.978214         297.850481    0.000052  2.126173
10226    31.145821    0.964187         298.108279    0.000060  5.310868
10227    31.146985    0.972701         298.370505    0.000059  5.179892
10228    31.131732    0.985486         295.501788    0.000067  2.094865
10229    31.142381    0.991015         295.387106    0.000078  5.255253
10230    31.150967    0.993319         297.955660    0.000075  2.141255
10231    31.164536    0.969864         296.364014    0.000070  5.267777
10232    31.163974    0.986126         295.300253    0.000050  2.230481
10233    31.203943    0.970739         296.223153    0.000041  2.111833
10234    31.159181    0.980161         296.998370    0.000069  5.293261
10235    31.159647    0.987945         297.084488    0.000070  2.173567

        geocent_time  a_1  a_2  tilt_1  tilt_2  …  redshift  \
0       1.126259e+09  0.0  0.0     0.0     0.0  …  0.073280
1       1.126259e+09  0.0  0.0     0.0     0.0  …  0.057160
2       1.126259e+09  0.0  0.0     0.0     0.0  …  0.070829
3       1.126259e+09  0.0  0.0     0.0     0.0  …  0.068149
4       1.126259e+09  0.0  0.0     0.0     0.0  …  0.068971
5       1.126259e+09  0.0  0.0     0.0     0.0  …  0.069190
6       1.126259e+09  0.0  0.0     0.0     0.0  …  0.065116
7       1.126259e+09  0.0  0.0     0.0     0.0  …  0.065980
8       1.126259e+09  0.0  0.0     0.0     0.0  …  0.072884
9       1.126259e+09  0.0  0.0     0.0     0.0  …  0.073057
10      1.126259e+09  0.0  0.0     0.0     0.0  …  0.061488
11      1.126259e+09  0.0  0.0     0.0     0.0  …  0.059446
12      1.126259e+09  0.0  0.0     0.0     0.0  …  0.059168
13      1.126259e+09  0.0  0.0     0.0     0.0  …  0.071983
14      1.126259e+09  0.0  0.0     0.0     0.0  …  0.065799
15      1.126259e+09  0.0  0.0     0.0     0.0  …  0.064188
16      1.126259e+09  0.0  0.0     0.0     0.0  …  0.068844
17      1.126259e+09  0.0  0.0     0.0     0.0  …  0.058946
18      1.126259e+09  0.0  0.0     0.0     0.0  …  0.056329
19      1.126259e+09  0.0  0.0     0.0     0.0  …  0.072119
20      1.126259e+09  0.0  0.0     0.0     0.0  …  0.062747
```

```
21      1.126259e+09   0.0   0.0      0.0      0.0   …   0.055147
22      1.126259e+09   0.0   0.0      0.0      0.0   …   0.067462
23      1.126259e+09   0.0   0.0      0.0      0.0   …   0.069377
24      1.126259e+09   0.0   0.0      0.0      0.0   …   0.062097
25      1.126259e+09   0.0   0.0      0.0      0.0   …   0.066994
26      1.126259e+09   0.0   0.0      0.0      0.0   …   0.068551
27      1.126259e+09   0.0   0.0      0.0      0.0   …   0.057722
28      1.126259e+09   0.0   0.0      0.0      0.0   …   0.057649
29      1.126259e+09   0.0   0.0      0.0      0.0   …   0.063005
…                …    …    …        …        …   …        …
10206   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063205
10207   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064700
10208   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063549
10209   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064718
10210   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063526
10211   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063704
10212   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063941
10213   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064634
10214   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064124
10215   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063417
10216   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063843
10217   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063417
10218   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064478
10219   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064106
10220   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064341
10221   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063649
10222   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063915
10223   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064452
10224   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064332
10225   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064208
10226   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064261
10227   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064315
10228   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063723
10229   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063699
10230   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064229
10231   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063901
10232   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063681
10233   1.126259e+09   0.0   0.0      0.0      0.0   …   0.063872
10234   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064032
10235   1.126259e+09   0.0   0.0      0.0      0.0   …   0.064050

       comoving_distance   mass_1_source   mass_2_source   chirp_mass_source  \
0             318.728354       36.978672       32.662558           30.243191
1             249.580261       38.548398       28.136610           28.599683
2             308.251176       42.127741       25.661674           28.449820
3             296.778309       34.729708       30.686185           28.408595
4             300.300382       38.818784       27.262198           28.232307
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5	301.236877	37.236232	28.554760	28.336960
6	283.775809	32.692535	32.679793	28.454958
7	287.483600	37.205978	32.257319	30.143489
8	317.038064	36.564025	29.696155	28.655105
9	317.774669	37.751424	28.713447	28.608347
10	268.199388	38.451574	31.105596	30.073447
11	259.420762	36.871754	32.398811	30.076270
12	258.224585	35.447686	30.649523	28.679418
13	313.187066	33.254183	32.683030	28.699547
14	286.707190	41.717809	25.400812	28.166498
15	279.795571	44.756529	25.252809	29.031432
16	299.754870	37.039350	31.979421	29.945180
17	257.269923	36.870994	29.691542	28.770313
18	246.000539	37.532901	29.733722	29.042695
19	313.766087	35.855174	30.092148	28.573510
20	273.610602	40.883866	28.984861	29.879776
21	240.906535	42.503797	26.311244	28.947082
22	293.834304	42.376142	26.127368	28.799681
23	302.037028	42.156031	26.062367	28.690878
24	270.817849	45.477704	24.330586	28.680668
25	291.828702	37.176726	28.798404	28.438565
26	298.500189	38.453037	30.703454	29.874740
27	252.000644	34.551453	33.638633	29.678267
28	251.688930	44.904026	24.720136	28.750784
29	274.716806	36.368123	33.069081	30.183344
…	…	…	…	…
10206	275.576140	34.157067	33.165312	29.299952
10207	281.992166	34.320508	32.977847	29.286314
10208	277.054961	33.773427	33.424330	29.249049
10209	282.069910	34.057511	33.294165	29.314260
10210	276.952970	34.087833	33.139712	29.258996
10211	277.717854	34.021745	33.456156	29.370224
10212	278.733889	33.801653	33.376377	29.240233
10213	281.711347	33.946991	33.449555	29.335091
10214	279.521528	34.731903	32.675042	29.324182
10215	276.487159	34.059309	33.340991	29.335685
10216	278.317084	34.599593	32.703870	29.281586
10217	276.485933	34.029081	33.330604	29.318114
10218	281.041127	34.056924	33.353106	29.340001
10219	279.443291	34.554604	32.736596	29.277367
10220	280.453026	33.874234	33.444826	29.301608
10221	277.484226	34.310057	33.102084	29.337185
10222	278.623906	34.221348	33.006175	29.256742
10223	280.929960	33.786950	33.508745	29.291852
10224	280.412371	34.496266	32.886281	29.319910
10225	279.880057	33.992752	33.252171	29.267923
10226	280.108309	34.236669	33.010556	29.265216

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10227        280.340449        34.085559        33.155073        29.264822
10228        277.799596        33.865525        33.374011        29.266769
10229        277.697969        33.783126        33.479572        29.277432
10230        279.973189        33.736374        33.510987        29.270917
10231        278.563571        34.168052        33.138368        29.292707
10232        277.621002        33.890919        33.420701        29.298226
10233        278.438767        34.196733        33.196088        29.330549
10234        279.125475        33.977625        33.303553        29.284070
10235        279.201737        33.843231        33.435262        29.284019


       total_mass_source                        H1_matched_filter_snr  \
0             69.641230    (19.764982464218786-2.0916356201803223j)
1             66.685008    (19.752809302064787+1.1609669123679656j)
2             67.789416    (19.844621346141643+1.7708786334218967j)
3             65.415892     (19.68608088997098+1.503823478287745j)
4             66.080981    (19.69172313258458-1.8613140973040907j)
5             65.790992   (19.778103994925697+0.17699819740723768j)
6             65.372328    (19.539097125534727-2.4158421143506685j)
7             69.463297     (19.93053181322271-1.0969960330185367j)
8             66.260179    (19.965713119965173+0.3701037720808016j)
9             66.464871    (19.968366169566856-0.5971956482851416j)
10            69.557170     (19.97528137808382-0.6642935172832024j)
11            69.270565    (19.962688961876648+1.7473256163468596j)
12            66.097209     (19.69171714098831+1.8474580103686449j)
13            65.937213    (19.938784841991225-0.3463002175142403j)
14            67.118621    (19.644656722348458-1.7150126689519885j)
15            70.009338    (19.694643326048496-2.475380443347852j)
16            69.018771    (19.923194441295617-1.4042259959504348j)
17            66.562537     (19.64255983959811+2.931446563953499j)
18            67.266623    (19.940006883929758-0.4998105386928336j)
19            65.947323    (19.846334719227507+1.5746942351144588j)
20            69.868727    (19.96562819466064+0.23553807284023903j)
21            68.815041    (19.914766226643607-1.3967725880232922j)
22            68.503510   (19.983528215605883+0.32439677332097466j)
23            68.218398    (19.979414113633286+0.3960835223955001j)
24            69.808290     (19.85722651815743+1.3721109420095858j)
25            65.975130   (19.806183548651443-0.4942238908814535j)
26            69.156490     (19.85318940731247-2.415081836151373j)
27            68.190085   (20.053595356273966+0.18218397899427652j)
28            69.624162   (19.924644234702818-0.19232226156397347j)
29            69.437203    (19.984819175612216+0.3631536955537613j)
...                 ...                                         ...
10206         67.322379    (19.969982751650583+1.8179649130429065j)
10207         67.298355     (20.031651575474818-1.119935045791333j)
10208         67.197756     (19.9232543191098-2.1968939270075327j)
10209         67.351676     (19.98013901474966+1.8498634968594836j)
10210         67.227544    (19.968872391008883-0.4487844685662906j)
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10211      67.477901   (19.97635372474314-1.7644141038749344j)
10212      67.178030   (19.911805388925742-2.3487143446968357j)
10213      67.396545   (20.051238626367216-0.41319980139663304j)
10214      67.406945   (19.881055074276855-2.659568286585171j)
10215      67.400300   (19.742846893290043+3.4217665794629446j)
10216      67.303463   (19.934307461732747+2.209235569287482j)
10217      67.359685   (19.989981744161348-1.5043396654964585j)
10218      67.410031   (19.937345221299957-1.690519765282052j)
10219      67.291201   (19.98421778604371+1.6669865366738608j)
10220      67.319061   (19.901379012962693+2.5209735907635555j)
10221      67.412141   (20.057040235760276-0.3212905435509149j)
10222      67.227523   (20.00260081424016-0.8438888773457134j)
10223      67.295695   (20.06167232620156-0.20073113815604382j)
10224      67.382547   (20.029684728528814+1.1998201113454188j)
10225      67.244923   (20.0555833962804+0.3544560683857971j)
10226      67.247225   (20.038338424101077-0.7463732035208304j)
10227      67.240632   (19.942022500744766+1.9877298362167806j)
10228      67.239535   (20.04020547277646+0.5459188065145545j)
10229      67.262698   (19.973061406291148+1.7753267240535278j)
10230      67.247361   (20.049492086454148+0.45148780072295686j)
10231      67.306421   (20.01255605100968+1.2050641535720794j)
10232      67.311620   (19.932345799219867-1.9525171888359585j)
10233      67.392821   (20.0400960912873+0.8997480050775318j)
10234      67.281178   (20.050630433844468-0.6047603340600513j)
10235      67.278494   (20.04024202449119-0.6819033928548319j)

     H1_optimal_snr                   L1_matched_filter_snr  \
0        17.996787   (13.677345482428056-1.4249336306364477j)
1        21.762180   (14.322967293114006+1.0085893724972441j)
2        17.195666   (14.201566834254931+1.3544286826766174j)
3        18.348719   (14.3158682116594+1.2244514003026992j)
4        17.804829   (14.300713174430449-1.13110064795358j)
5        17.919521   (14.356958791370946+0.24137453680641185j)
6        19.258560   (14.259177231813606-1.64969249281831j)
7        19.907411   (13.939615120704769-0.5265249631017541j)
8        17.233445   (14.383110089198107+0.47657214803120646j)
9        17.104688   (14.380493586218924-0.28205211301405214j)
10       21.246923   (14.005269852547269-0.4561328993617191j)
11       22.051364   (14.039428803693713+1.3834652185661618j)
12       21.271409   (14.298878347339691+1.5028406774977157j)
13       17.559715   (14.400244351680037-0.019925051836646314j)
14       18.351520   (14.193711753393869-1.2022195547779129j)
15       19.082171   (13.938759306473656-1.3986310093468373j)
16       18.976023   (13.95474827476684-1.0125527338314821j)
17       21.343577   (14.206253518019237+2.2765705254687587j)
18       22.488422   (14.382352311353685-0.12626060785115578j)
19       17.399198   (14.320533544655236+1.3820414236643555j)
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20          20.521593   (13.991179876721223+0.33568423398437597j)
21          22.420492   (14.261189810353075-0.8638338442387288j)
22          18.257956   (14.236928848412783+0.43317183175170193j)
23          17.707232   (14.25508981330179+0.42953009016129085j)
24          19.372350   (14.076349600705674+1.2230860409685749j)
25          18.570615   (14.371695239721207-0.16061481783462653j)
26          18.950541   (13.939786468293248-1.5281187805758705j)
27          22.496848   (14.29508262712598+0.3461840343203741j)
28          20.996446   (14.190857394941382+0.07259470033622553j)
29          20.894430   (13.989542105207173+0.47163403484598754j)
…           …                                       …
10206       20.333639   (14.294627563672755+1.4832137279249262j)
10207       19.857162   (14.35439939664861-0.6537890614485458j)
10208       20.196184   (14.311511980607522-1.3888113130808848j)
10209       19.870229   (14.28686625073534+1.4785179077902784j)
10210       20.207850   (14.322461729576222-0.012594093091111796j)
10211       20.217733   (14.290862688488259-1.2177793976034326j)
10212       20.068154   (14.293485992336487-1.5834499300831537j)
10213       19.908427   (14.344974072901774-0.2447613128951471j)
10214       20.051134   (14.253770459413149-1.721046539220899j)
10215       20.287938   (14.095278636274957+2.677344355874724j)
10216       20.115304   (14.265592502321518+1.7480210126561924j)
10217       20.277803   (14.319644454094794-1.026736629970398j)
10218       19.958659   (14.284954036290276-0.9318048073741951j)
10219       20.031641   (14.303913123311595+1.373228507493791j)
10220       19.979413   (14.231321366790356+1.971152477024115j)
10221       20.213225   (14.357259348507561-0.15668761171868362j)
10222       20.082998   (14.338205863472018-0.5824576213382531j)
10223       19.939778   (14.370795432789697+0.003994106769125735j)
10224       19.987822   (14.327599737083824+1.0104849799257674j)
10225       20.000447   (14.37170067662447+0.3935485440679562j)
10226       19.980416   (14.368113247389411-0.3554588473580217j)
10227       19.964832   (14.285022265081908+1.4750255970908601j)
10228       20.151621   (14.36437276769906+0.4672380421491389j)
10229       20.165601   (14.30090310536326+1.4504874911177503j)
10230       19.996514   (14.365193113528813+0.49573856796469845j)
10231       20.109178   (14.325642289529657+1.0609090965359258j)
10232       20.183097   (14.303290260639827-1.1579032531383688j)
10233       20.140398   (14.338022481172255+0.8198220054160561j)
10234       20.064590   (14.37169115305764-0.2845940955105562j)
10235       20.059639   (14.366011011736163-0.3019304062253537j)

      L1_optimal_snr
0          12.768819
1          15.473937
2          12.191194
3          13.064217
```

4	12.655440
5	12.746837
6	13.716706
7	14.130706
8	12.255748
9	12.158098
10	15.079916
11	15.660521
12	15.142752
13	12.497240
14	13.020274
15	13.500779
16	13.472077
17	15.184725
18	15.991405
19	12.378737
20	14.549942
21	15.897550
22	12.940907
23	12.552398
24	13.701983
25	13.210223
26	13.448664
27	15.994229
28	14.860282
29	14.835592
…	…
10206	14.462009
10207	14.122242
10208	14.365503
10209	14.131109
10210	14.373380
10211	14.377593
10212	14.274373
10213	14.157888
10214	14.259068
10215	14.428555
10216	14.306124
10217	14.421802
10218	14.193537
10219	14.246615
10220	14.209430
10221	14.374996
10222	14.284225
10223	14.181435
10224	14.214392
10225	14.225245

```
10226    14.210804
10227    14.199843
10228    14.333207
10229    14.342932
10230    14.222474
10231    14.302044
10232    14.354829
10233    14.323324
10234    14.270603
10235    14.267138

[10236 rows x 50 columns]
```

[57]: `result_short1.posterior["chirp_mass"]`

```
[57]: 0        32.459414
      1        30.234430
      2        30.464899
      3        30.344610
      4        30.179528
      5        30.297598
      6        30.307818
      7        32.132359
      8        30.743617
      9        30.698383
      10       31.922593
      11       31.864182
      12       30.376318
      13       30.765439
      14       30.019825
      15       30.894899
      16       32.006725
      17       30.466208
      18       30.678628
      19       30.634200
      20       31.754650
      21       30.543413
      22       30.742557
      23       30.681366
      24       30.461653
      25       30.343770
      26       31.922682
      27       31.391348
      28       30.408247
      29       32.085041
                   …
      10206    31.151854
```

```
10207    31.181132
10208    31.107808
10209    31.211418
10210    31.117693
10211    31.241220
10212    31.109869
10213    31.231146
10214    31.204567
10215    31.196071
10216    31.151023
10217    31.177377
10218    31.231790
10219    31.154216
10220    31.186905
10221    31.204480
10222    31.126684
10223    31.179778
10224    31.206107
10225    31.147145
10226    31.145821
10227    31.146985
10228    31.131732
10229    31.142381
10230    31.150967
10231    31.164536
10232    31.163974
10233    31.203943
10234    31.159181
10235    31.159647
Name: chirp_mass, Length: 10236, dtype: float64
```

```python
[58]: Mc1 = result_short1.posterior["chirp_mass"].values
```

```python
[59]: lower_bound = np.quantile(Mc1, 0.05)
      upper_bound = np.quantile(Mc1, 0.95)
      median = np.quantile(Mc1, 0.5)
      print("Mc1 = {} with a 90% C.I = {} -> {}".format(median, lower_bound,␣
        ↪upper_bound))
```

```
Mc1 = 31.11899061936879 with a 90% C.I = 30.699966072671895 ->
31.533485735192126
```
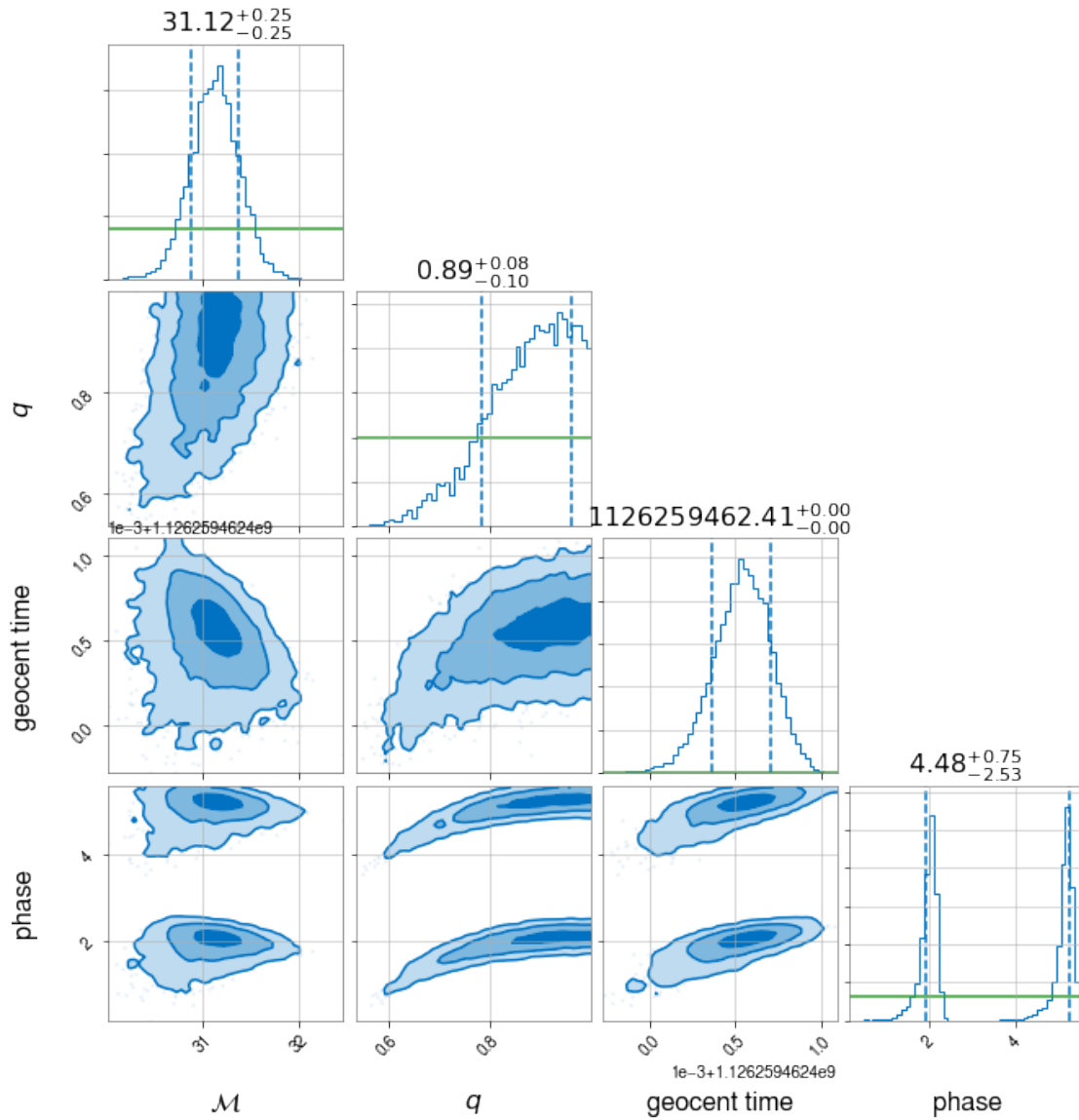
```python
[60]: fig, ax = plt.subplots()
      ax.hist(result_short1.posterior["chirp_mass"], bins=20)
      ax.axvspan(lower_bound, upper_bound, color='C1', alpha=0.4)
      ax.axvline(median, color='C1')
      ax.set_xlabel("chirp mass")
```
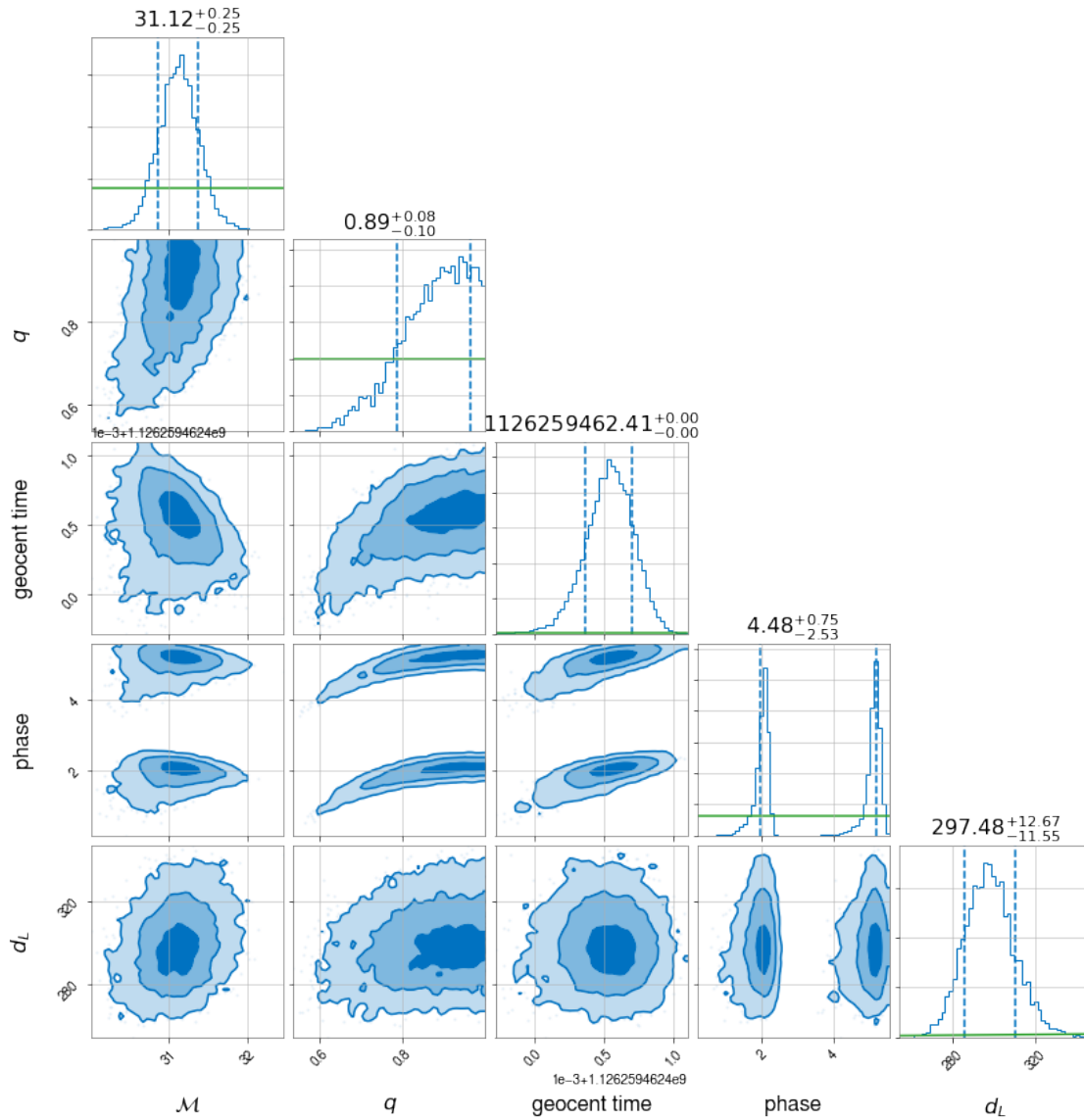
```
plt.show()
```
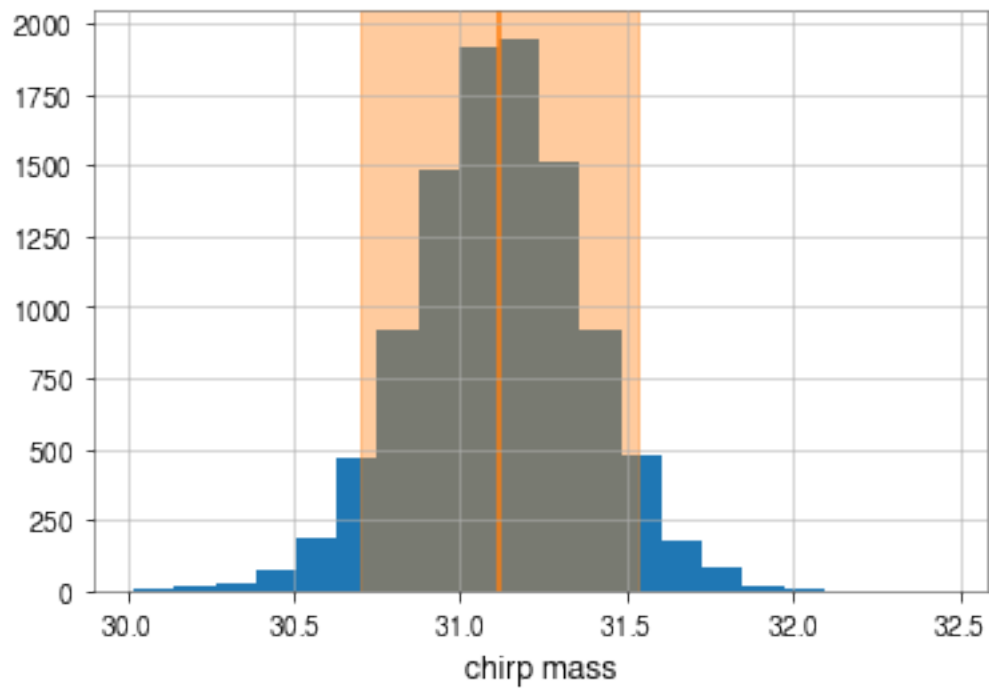


```
[61]: result_short1.plot_corner(parameters=["chirp_mass", "mass_ratio",␣
      ↪"geocent_time", "phase"], priors=True)
```
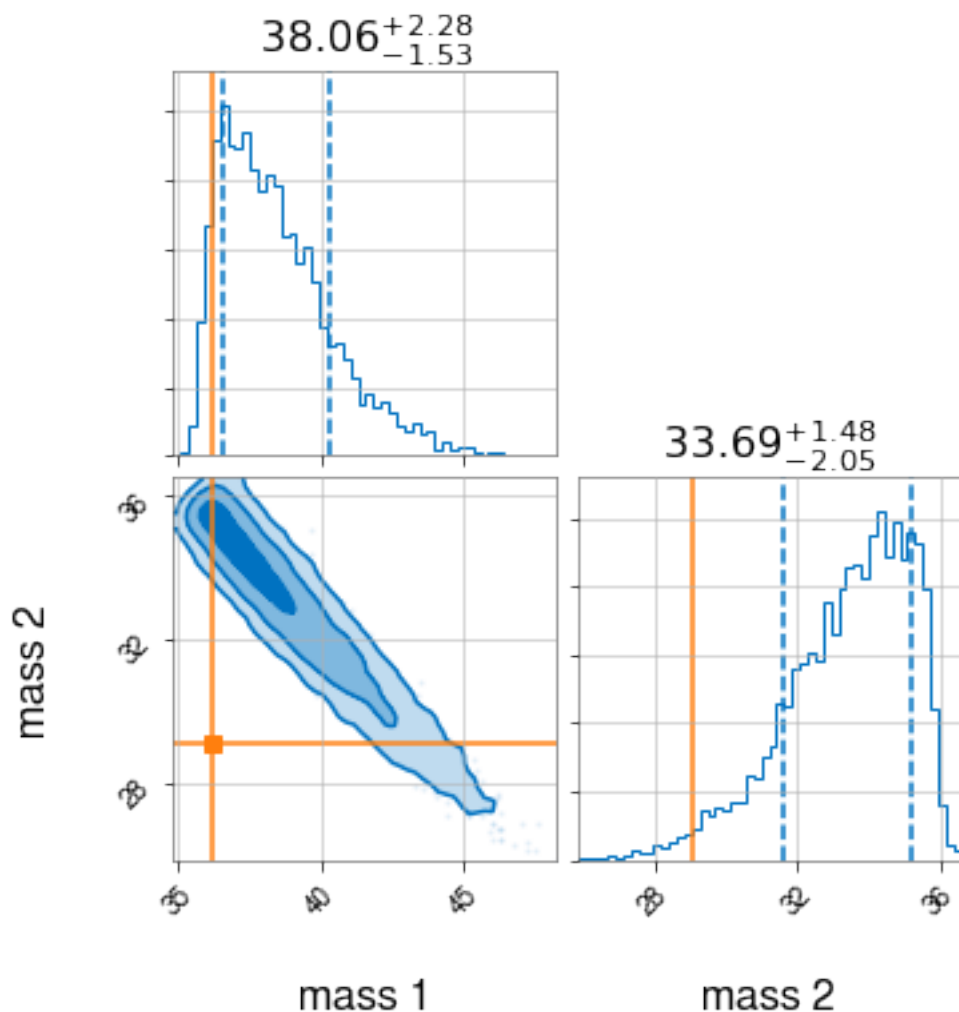
[61]:

```
[64]: result_short1.plot_corner(parameters=["chirp_mass", "mass_ratio",␣
      ↪"geocent_time", "phase", "luminosity_distance"], priors=True)
```

[64]:

```
[67]: parameters = dict(mass_1=36.2, mass_2=29.1)
      result_short1.plot_corner(parameters)

[67]:
```

$$38.06^{+2.28}_{-1.53}$$

$$33.69^{+1.48}_{-2.05}$$

mass 1   mass 2

[68]: `result_short1.priors`

[68]: {'chirp_mass': Uniform(minimum=30.0, maximum=32.5, name='chirp_mass',
      latex_label='$\\mathcal{M}$', unit=None, boundary=None),
       'mass_ratio': Uniform(minimum=0.5, maximum=1, name='mass_ratio',
      latex_label='q', unit=None, boundary=None),
       'phase': Uniform(minimum=0, maximum=6.283185307179586, name='phase',
      latex_label='$\\phi$', unit=None, boundary=None),
       'geocent_time': Uniform(minimum=1126259462.3000002, maximum=1126259462.5,
      name='geocent_time', latex_label='t_c', unit=None, boundary=None),
       'a_1': DeltaFunction(peak=0.0, name=None, latex_label=None, unit=None),
       'a_2': DeltaFunction(peak=0.0, name=None, latex_label=None, unit=None),
       'tilt_1': DeltaFunction(peak=0.0, name=None, latex_label=None, unit=None),
       'tilt_2': DeltaFunction(peak=0.0, name=None, latex_label=None, unit=None),
       'phi_12': DeltaFunction(peak=0.0, name=None, latex_label=None, unit=None),

```
    'phi_jl': DeltaFunction(peak=0.0, name=None, latex_label=None, unit=None),
    'dec': DeltaFunction(peak=-1.2232, name=None, latex_label=None, unit=None),
    'ra': DeltaFunction(peak=2.19432, name=None, latex_label=None, unit=None),
    'theta_jn': DeltaFunction(peak=1.89694, name=None, latex_label=None,
unit=None),
    'psi': DeltaFunction(peak=0.532268, name=None, latex_label=None, unit=None),
    'luminosity_distance': PowerLaw(alpha=2.0, minimum=50.0, maximum=800.0,
name='luminosity_distance', latex_label='$d_L$', unit=None, boundary=None),
    'time_jitter': Uniform(minimum=-0.000244140625, maximum=0.000244140625,
name=None, latex_label=None, unit=None, boundary='periodic')}
```

[69]:
```python
result_short1.sampler_kwargs["nlive"]
```

[69]: 1000

[70]:
```python
print("ln Bayes factor = {} +/- {}".format(
    result_short1.log_bayes_factor, result_short1.log_evidence_err))
```

```
ln Bayes factor = 287.4892985657603 +/- 0.10516971858364235
```

[71]:
```python
chirp_mass_mean = np.mean(Mc1)
chirp_mass_median = np.median(Mc1)
Mr1 = result_short1.posterior["mass_ratio"].values
mass_ratio_mean = np.mean(Mr1)
mass_ratio_median = np.median(Mr1)

print('The mean of the chirp mass is',chirp_mass_mean)
print('The median of the chirp mass is',chirp_mass_median)
print('The mean of the mass ratio is',mass_ratio_mean)
print('The median of the mass ratio is',mass_ratio_median)
```

```
The mean of the chirp mass is 31.118166865979145
The median of the chirp mass is 31.11899061936879
The mean of the mass ratio is 0.8734144855261758
The median of the mass ratio is 0.8861502169604106
```

[73]:
```python
m1 = (Mc1*((1+Mr1)**(1/5)))/(Mr1**(3/5))

m2 = m1 * Mr1

m1_mean = np.mean(m1)
m2_mean = np.mean(m2)
m1_median = np.median(m1)
m2_median = np.median(m2)

print('The mean of the first component mass is',m1_mean)
print('The median of the first component mass is',m1_median)
```

```
print('The mean of the second component mass is',m2_mean)
print('The median of the second component mass is',m2_median)
```

```
The mean of the first component mass is 38.42251070415885
The median of the first component mass is 38.05528588940058
The mean of the second component mass is 33.393033791521674
The median of the second component mass is 33.68878961969101
```

[ ]: