Probability distributions - torch.distributions

Distribution

ExponentialFamily

Bernoulli

Beta

Binomial

Categorical

Cauchy

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 65)**

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.cauchy
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 66)**

Unknown directive type "autoclass".

```
.. autoclass:: Cauchy
   :members:
   :undoc-members:
   :show-inheritance:
```

Chi2

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 74)**

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.chi2
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 75)**

Unknown directive type "autoclass".

```
.. autoclass:: Chi2
   :members:
   :undoc-members:
   :show-inheritance:
```

ContinuousBernoulli

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 83)**

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.continuous_bernoulli
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 84)**

Unknown directive type "autoclass".

```
.. autoclass:: ContinuousBernoulli
   :members:
   :undoc-members:
   :show-inheritance:
```

Dirichlet

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 92)**

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.dirichlet
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 93)

Unknown directive type "autoclass".

```
.. autoclass:: Dirichlet
    :members:
    :undoc-members:
    :show-inheritance:
```

Exponential

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 101)

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.exponential
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 102)

Unknown directive type "autoclass".

```
.. autoclass:: Exponential
    :members:
    :undoc-members:
    :show-inheritance:
```

FisherSnedecor

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 110)

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.fishersnedecor
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 111)

Unknown directive type "autoclass".

```
.. autoclass:: FisherSnedecor
    :members:
    :undoc-members:
    :show-inheritance:
```

Gamma

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 119)

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.gamma
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 120)

Unknown directive type "autoclass".

```
.. autoclass:: Gamma
   :members:
   :undoc-members:
   :show-inheritance:
```

Geometric

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.geometric
```

Unknown directive type "autoclass".

```
.. autoclass:: Geometric
   :members:
   :undoc-members:
   :show-inheritance:
```

Gumbel

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.gumbel
```

Unknown directive type "autoclass".

```
.. autoclass:: Gumbel
   :members:
   :undoc-members:
   :show-inheritance:
```

HalfCauchy

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.half_cauchy
```

Unknown directive type "autoclass".

```
.. autoclass:: HalfCauchy
   :members:
   :undoc-members:
   :show-inheritance:
```

HalfNormal

Independent

Kumaraswamy

LKJCholesky

```
.. currentmodule:: torch.distributions.lkj_cholesky
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 183)

Unknown directive type "autoclass".

```
.. autoclass:: LKJCholesky
   :members:
   :undoc-members:
   :show-inheritance:
```

Laplace

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 191)

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.laplace
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 192)

Unknown directive type "autoclass".

```
.. autoclass:: Laplace
   :members:
   :undoc-members:
   :show-inheritance:
```

LogNormal

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 200)

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.log_normal
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 201)

Unknown directive type "autoclass".

```
.. autoclass:: LogNormal
   :members:
   :undoc-members:
   :show-inheritance:
```

LowRankMultivariateNormal

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 209)

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.lowrank_multivariate_normal
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`, line 210)

Unknown directive type "autoclass".

```
.. autoclass:: LowRankMultivariateNormal
   :members:
   :undoc-members:
   :show-inheritance:
```

MixtureSameFamily

Multinomial

MultivariateNormal

NegativeBinomial

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 245)**

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.negative_binomial
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 246)**

Unknown directive type "autoclass".

```
.. autoclass:: NegativeBinomial
   :members:
   :undoc-members:
   :show-inheritance:
```

Normal

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 254)**

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.normal
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 255)**

Unknown directive type "autoclass".

```
.. autoclass:: Normal
   :members:
   :undoc-members:
   :show-inheritance:
```

OneHotCategorical

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 263)**

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.one_hot_categorical
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 264)**

Unknown directive type "autoclass".

```
.. autoclass:: OneHotCategorical
   :members:
   :undoc-members:
   :show-inheritance:
```

Pareto

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)distributions.rst`**, line 272)**

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.pareto
```

Poisson

RelaxedBernoulli

LogitRelaxedBernoulli

RelaxedOneHotCategorical

StudentT

TransformedDistribution

Uniform

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.uniform
```

Unknown directive type "autoclass".

```
.. autoclass:: Uniform
    :members:
    :undoc-members:
    :show-inheritance:
```

VonMises

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.von_mises
```

Unknown directive type "autoclass".

```
.. autoclass:: VonMises
    :members:
    :undoc-members:
    :show-inheritance:
```

Weibull

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.weibull
```

Unknown directive type "autoclass".

```
.. autoclass:: Weibull
    :members:
    :undoc-members:
    :show-inheritance:
```

Wishart

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.distributions.wishart
```

Unknown directive type "autoclass".

```
.. autoclass:: Wishart
    :members:
    :undoc-members:
    :show-inheritance:
```

KL Divergence

Transforms

Constraints

Constraint Registry

master\docs\source\(pytorch-master)(docs)(source)distributions.rst, line 394)

Unknown directive type "automodule".

```
.. automodule:: torch.distributions.constraint_registry
   :members:
   :member-order: bysource
```

master\docs\source\(pytorch-master)(docs)(source)distributions.rst, line 394)

Unknown directive type "automodule".

```
.. automodule:: torch.distributions.constraint_registry
   :members:
   :member-order: bysource
```