

Module: tf.contrib.bayesflow

Contents

This package provides classes for Bayesian computation with TensorFlow.

Modules

Defined in [tensorflow/contrib/bayesflow/__init__.py](#).

Ops for representing Bayesian computation.

This package provides classes for Bayesian computation with TensorFlow.

Modules

[csiszar_divergence](#) module: Csiszar f-Divergence and helpers.

[custom_grad](#) module: Functions for specifying custom gradients.

[entropy](#) module: Support for Entropy Ops. See `{python/contrib/bayesflow.entropy}`.

[hmc](#) module: Hamiltonian Monte Carlo, a gradient-based MCMC algorithm.

[metropolis_hastings](#) module: Functions to create a Markov Chain Monte Carlo Metropolis step.

[monte_carlo](#) module: Monte Carlo integration and helpers.

[stochastic_gradient_estimators](#) module: Stochastic gradient estimators.

[stochastic_graph](#) module: Support for Stochastic Computation Graphs.

[stochastic_tensor](#) module: Support for creating Stochastic Tensors.

[stochastic_variables](#) module: Custom `get_variable` for stochastic variables.

[variational_inference](#) module: Variational inference.

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