TensorFlow   API r1.4

Module: tf.contrib.bayesflow.variational_inference

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Defined in `tensorflow/contrib/bayesflow/python/ops/variational_inference.py` .

Variational inference.

See the ${@python/contrib.bayesflow.variational_inference} guide.

Classes

`class ELBOForms` : Constants to control the `elbo` calculation.

Functions

`elbo(...)` : Evidence Lower BOund. `log p(x) >= ELBO` .

`elbo_with_log_joint(...)` : Evidence Lower BOund. `log p(x) >= ELBO` .

`register_prior(...)` : Associate a variational `StochasticTensor` with a `Distribution` prior.

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