

Module: `tf.contrib.gan.losses.wargs`[Contents](#)[Functions](#)

Defined in `tensorflow/contrib/gan/python/losses/python/losses_wargs.py`.

TFGAN grouped API. Please see README.md for details and usage.

Functions

`acgan_discriminator_loss(...)` : ACGAN loss for the discriminator.

`acgan_generator_loss(...)` : ACGAN loss for the generator.

`combine_adversarial_loss(...)` : Utility to combine main and adversarial losses.

`least_squares_discriminator_loss(...)` : Least squares generator loss.

`least_squares_generator_loss(...)` : Least squares generator loss.

`minimax_discriminator_loss(...)` : Original minimax discriminator loss for GANs, with label smoothing.

`minimax_generator_loss(...)` : Original minimax generator loss for GANs.

`modified_discriminator_loss(...)` : Same as minimax discriminator loss.

`modified_generator_loss(...)` : Modified generator loss for GANs.

`mutual_information_penalty(...)` : Returns a penalty on the mutual information in an InfoGAN model.

`wasserstein_discriminator_loss(...)` : Wasserstein discriminator loss for GANs.

`wasserstein_generator_loss(...)` : Wasserstein generator loss for GANs.

`wasserstein_gradient_penalty(...)` : The gradient penalty for the Wasserstein discriminator loss.

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