**Default architecture of WDGRL (adapt library)**

**Model: "encoder"**

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Layer (type) Output Shape Param #

=================================================================

flatten (Flatten) (None, 16) 0

dense (Dense) (None, 10) 170

=================================================================

Total params: 170 (680.00 Byte)

Trainable params: 170 (680.00 Byte)

Non-trainable params: 0 (0.00 Byte)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

None

**Model: "task" 🡪 domain critic**

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Layer (type) Output Shape Param #

=================================================================

flatten\_1 (Flatten) (None, 10) 0

dense\_1 (Dense) (None, 10) 110

dense\_2 (Dense) (None, 10) 110

dense\_3 (Dense) (None, 1) 11

=================================================================

Total params: 231 (924.00 Byte)

Trainable params: 231 (924.00 Byte)

Non-trainable params: 0 (0.00 Byte)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

None

**Model: "discriminator"**

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Layer (type) Output Shape Param #

=================================================================

flatten\_2 (Flatten) (None, 10) 0

dense\_4 (Dense) (None, 10) 110

dense\_5 (Dense) (None, 10) 110

dense\_6 (Dense) (None, 1) 11

=================================================================

Total params: 231 (924.00 Byte)

Trainable params: 231 (924.00 Byte)

Non-trainable params: 0 (0.00 Byte)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

None