

seq_input: InputLayer	input:	(None, 1000, 4)
	output:	(None, 1000, 4)



revcompconv1d_1: RevCompConv1D	input:	(None, 1000, 4)
	output:	(None, 992, 100)



revcompconv1dbatchnorm_1: RevCompConv1DBatchNorm	input:	(None, 992, 100)
	output:	(None, 992, 100)



activation_1: Activation	input:	(None, 992, 100)
	output:	(None, 992, 100)



maxpooling1d_1: MaxPooling1D	input:	(None, 992, 100)
	output:	(None, 248, 100)



revcompconv1d_2: RevCompConv1D	input:	(None, 248, 100)
	output:	(None, 240, 100)



revcompconv1dbatchnorm_2: RevCompConv1DBatchNorm	input:	(None, 240, 100)
	output:	(None, 240, 100)



activation_2: Activation	input:	(None, 240, 100)
	output:	(None, 240, 100)



maxpooling1d_2: MaxPooling1D	input:	(None, 240, 100)
	output:	(None, 60, 100)



denseafterrevcompconv1d_1: DenseAfterRevcompConv1D	input:	(None, 60, 100)
	output:	(None, 512)

reg_input: InputLayer	input:	(None, 472)
	output:	(None, 472)



dense_1: Dense	input:	(None, 472)
	output:	(None, 512)



merge_1: Merge	input:	[(None, 512), (None, 512)]
	output:	(None, 1024)



dense_2: Dense	input:	(None, 1024)
	output:	(None, 512)



batchnormalization_1: BatchNormalization	input:	(None, 512)
	output:	(None, 512)



activation_3: Activation	input:	(None, 512)
	output:	(None, 512)



dropout_1: Dropout	input:	(None, 512)
	output:	(None, 512)



dense_3: Dense	input:	(None, 512)
	output:	(None, 512)



batchnormalization_2: BatchNormalization	input:	(None, 512)
	output:	(None, 512)



activation_4: Activation	input:	(None, 512)
	output:	(None, 512)



dropout_2: Dropout	input:	(None, 512)
	output:	(None, 512)



rgs_output: Dense	input:	(None, 512)
	output:	(None, 1)