

MRI Scan
(1x91x109x91)

Sagittal Slice (1x109x91)

3x3 conv, 32

← conv 1

instance-norm, max-pool/2, relu

3x3 conv, 64

← conv 2

instance-norm, max-pool/2, relu

3x3 conv, 128

← conv 3

instance-norm, max-pool/2, relu

3x3 conv, 256

← conv 4

instance-norm, max-pool/2, relu

3x3 conv, 256

← conv 5

instance-norm, max-pool/2, relu

1x1 conv, 64

← conv 6

instance-norm, relu,
3x2 2D-average pool,
dropout(0.5)

1x1 conv, 32

← conv 7

91x, slice encoder

embeddings, 91x32
slice-mean-operation

mean embedding, 1x32

Dense(64),
relu, Dense(1)

← output

Output (Brain Age)