

Input Layer



Convolutional Layer

Kernel Size: 3x1
Filters: 64

64
Feature Maps

Convolutional Layer

Kernel Size: 3x3
Filters: 64

64
Feature Maps

Activation Layer

Function: relu

Max Pooling

Pool Size: 2x2

Convolutional Layer

Kernel Size: 3x3
Filters: 128

128
Feature Maps

Convolutional Layer

Kernel Size: 3x3
Filters: 128

128
Feature Maps

Activation Layer

Function: relu

Max Pooling

Pool Size: 2x2

Dropout Layer

Convolutional Layer

Kernel Size: 3x3
Filters: 256

256
Feature Maps

Convolutional Layer

Kernel Size: 1x3
Filters: 256

256
Feature Maps

Activation Layer

Function: relu

Max Pooling

Pool Size: 2x2

Convolutional Layer

Kernel Size: 3x3
Filters: 512

512
Feature Maps

Convolutional Layer

Kernel Size: 3x3
Filters: 512

512
Feature Maps

Activation Layer

Function: relu

Max Pooling

Pool Size: 2x2

Dropout Layer

Flattening

(=502)

Activation Layer

Function: relu

Activation Layer

Function: relu

(=246)