|          | Convolution             |         |                   | Activation | Max Pooling | Branch Dropout | Batch Normalization | LSTM  | Merge Dropout | Optimizer |               |                     | Accuracy |
|----------|-------------------------|---------|-------------------|------------|-------------|----------------|---------------------|-------|---------------|-----------|---------------|---------------------|----------|
|          | Branches / Kernel Sizes | Filters | Kernel Regulaizer | Туре       | Pool Size   | Rate           | Present             | Units | Rate          | Туре      | Learning Rate | Learning Rate Decay | Maximum  |
| Model_08 | 3/4/5                   | 32      | None              | ReLU       | 2           | 0              | yes                 | 100   | 0             | Adam      | 0.001         | 0                   | 0.8922   |
| Model_16 | 3/4/5                   | 32      | L2(0.01)          | ReLU       | 2           | 0.5            | yes                 | 100   | 0             | Adam      | 0.001         | 0                   | 0.8934   |
| Model_43 | 2/3/4/5/6/7             | 128     | L2(0.01)          | ReLU       | 2           | 0              | yes                 | 128   | 0.8           | Adam      | 0.001         | 0                   | 0.8914   |
| Model_57 | 3/5/7/9                 | 128     | L2(0.01)          | ReLU       | 2           | 0.5            | yes                 | 128   | 0             | RMSprop   | 0.001         | 0                   | 0.8936   |
| Model_63 | 3/5/7/9                 | 128     | L2(0.01)          | ReLU       | 2           | 0.5            | yes                 | 128   | 0             | RMSprop   | 0.01          | 0.1                 | 0.895    |