

Method	Scene 1	Scene 2	Scene 3	Scene 4	Scene 5	Average
LBP features + ridge regression	13.6	59.8	37.1	21.8	23.4	31.0
Deep CNN	9.8	<b>14.1</b>	14.3	22.2	3.7	12.9
Multi-column CNN	<b>3.4</b>	20.6	<b>12.9</b>	<b>13.0</b>	8.1	11.6
ConvLSTM-nt	8.6	16.9	14.6	15.4	4.0	11.9
ConvLSTM	7.1	15.2	15.2	13.9	3.5	10.9
Bidirectional ConvLSTM	6.8	14.5	14.9	13.5	<b>3.1</b>	<b>10.6</b>