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| --- | --- | --- | --- |
| **Experiment Number** | **Model** | **Result** | **Decision + Explanation** |
| **1** | convlstm | **Out of Memory** |  |
| **2** | Convlstm modified | **Accuracy 0.2188** | **Reduce filters Block 1 => 32 from 64;  Block 2 => 64 from 128 + MaxPooling3D Block 3 => 128 from 256 + MaxPooling3D** |
| **3** | Convlstm modified + LR | **Accuracy 0.1979** | **Optimizer Setting**  **Learning rate for Adam optimizer => 0.0001**  **Gradient clipping norm => 1.0** |
| **4** | Conv3D  Final Model | **Highest Accuracy 0.6771**  **Best Model Accuracy = 0.45833** | **Conv3D**  **Model 8 is selected best on val loss as there is no significant decrease in this further to this** |