Learning Rate: 0.001 MiniVGG: Acc 0.67 , Prec 0.69 , ReCa 0.67 ShallowNet: Acc 0.57 , Prec 0.58 , ReCa 0.57 LeNet: Acc 0.53 , Prec 0.55 , ReCa 0.53 3.5 3.0 2.0 2.0 Loss/Accuracy 0.5 0.5 Epoch # Learning Rate: 0.003 MiniVGG: Acc 0.67 , Prec 0.7 , ReCa 0.67 ShallowNet: Acc 0.63, Prec 0.65, ReCa 0.63 LeNet: Acc 0.61 , Prec 0.63 , ReCa 0.61 3.5 2.5 3.0 2.0 2.5 curacy 15 o.v o.v Loss/Accuracy 40 60 Epoch # Learning Rate: 0.007 MiniVGG: Acc 0.73, Prec 0.76, ReCa 0.73 ShallowNet: Acc 0.6, Prec 0.65, ReCa 0.6 LeNet: Acc 0.61 , Prec 0.68 , ReCa 0.61 train\_loss
val\_loss
train\_acc
val\_acc train\_loss
val\_loss
train\_acc
val\_acc 3.0 2.5 2.5 2.0 2.0 Loss/Accuracy Accuracy 15 0.5 40 Epoch # 40 Epoch # Epoch # Learning Rate: 0.013 MiniVGG: Acc 0.74 , Prec 0.75 , ReCa 0.74 ShallowNet: Acc 0.64 , Prec 0.65 , ReCa 0.64 LeNet: Acc 0.64 , Prec 0.66 , ReCa 0.64



