DITTO Benchmarking for frameshift truncation Receiver Operating Characteristic (ROC) curves Precision Recall (PRC) curves CADD = 0.00CADD = 0.501.0 CSCAPE = 0.50CSCAPE = 0.00ClinPred = 0.00ClinPred = 0.50DANN = 0.50DANN = 0.00--- DANN_Coding = 0.00 DANN Coding = 0.50 $DGI_score = 0.49$ --- DGI score = 0.00 0.8 0.8 $FATHMM_coding = 0.00$ $FATHMM_coding = 0.50$ Funseq2 = 0.00Funseq2 = 0.50Linsight = 0.50Linsight = 0.00LRT = 0.50LRT = 0.00Loftool = 0.57Loftool = 0.01Rate 9.0 0.6 MetaSVM = 0.50MetaSVM = 0.00--- MetaLR = 0.00 MetaLR = 0.50MutPred = 0.00MutPred = 0.50MutPred indel = 0.50--- MutPred_indel = 0.00 — Mutation_Assessor = 0.00 $Mutation_Assessor = 0.50$ 0.4 $Mutation_{Taster} = 0.50$ $Mutation_{Taster} = 0.00$ Provean = 0.50--- Provean = 0.00 PHDSNPG = 0.50PHDSNPG = 0.00--- Revel = 0.00 —— Revel = 0.50--- SIFT = 0.50 --- SIFT = 0.00 0.2 VEST = 0.50---- VEST = 0.00 --- dbSCSNV_ADA = 0.50 --- dbSCSNV_ADA = 0.00 --- dbSCSNV_RF = 0.00 --- dbSCSNV_RF = 0.50 --- varity_r = 0.00 - varity_r = 0.50 --- varity_er = 0.00 --- varity_er = 0.50 0.0 DITTO = 0.80DITTO = 0.570.0 0.2 8.0 8.0 0.0 0.2 0.4 0.6 1.0 0.6 1.0 False Positive Rate Recall