DITTO Benchmarking for processed transcript Receiver Operating Characteristic (ROC) curves Precision Recall (PRC) curves CADD = 0.23CADD = 0.691.0 CSCAPE = 0.26CSCAPE = 0.62ClinPred = 0.32ClinPred = 0.69DANN = 0.49DANN = 0.69DANN Coding = 0.69 $DANN_Coding = 0.49$ $DGI_score = 0.50$ \longrightarrow DGI score = 0.69 0.8 0.8 $FATHMM_coding = 0.67$ $FATHMM_coding = 0.37$ Funseq2 = 0.65Funseq2 = 0.27Linsight = 0.42Linsight = 0.69LRT = 0.50LRT = 0.69Loftool = 0.55Loftool = 0.72Rate 9.0 0.6 MetaSVM = 0.68MetaSVM = 0.36--- MetaLR = 0.67 MetaLR = 0.36MutPred = 0.69MutPred = 0.50 $MutPred_indel = 0.50$ $MutPred_indel = 0.69$ — Mutation_Assessor = 0.69 $Mutation_Assessor = 0.50$ 0.4 $Mutation_{Taster} = 0.50$ $Mutation_{Taster} = 0.69$ Provean = 0.50--- Provean = 0.69PHDSNPG = 0.67PHDSNPG = 0.45--- Revel = 0.69 —— Revel = 0.50--- SIFT = 0.50 --- SIFT = 0.69 0.2 VEST = 0.50---- VEST = 0.69 --- dbSCSNV_ADA = 0.47 --- dbSCSNV_ADA = 0.68 --- dbSCSNV_RF = 0.68 --- dbSCSNV_RF = 0.47 --- varity_r = 0.68 - varity_r = 0.36 --- varity_er = 0.68 --- varity_er = 0.36 0.0 DITTO = 0.98DITTO = 0.990.0 0.2 0.0 0.2 0.6 8.0 0.4 0.6 8.0 1.0 0.4 1.0 False Positive Rate Recall