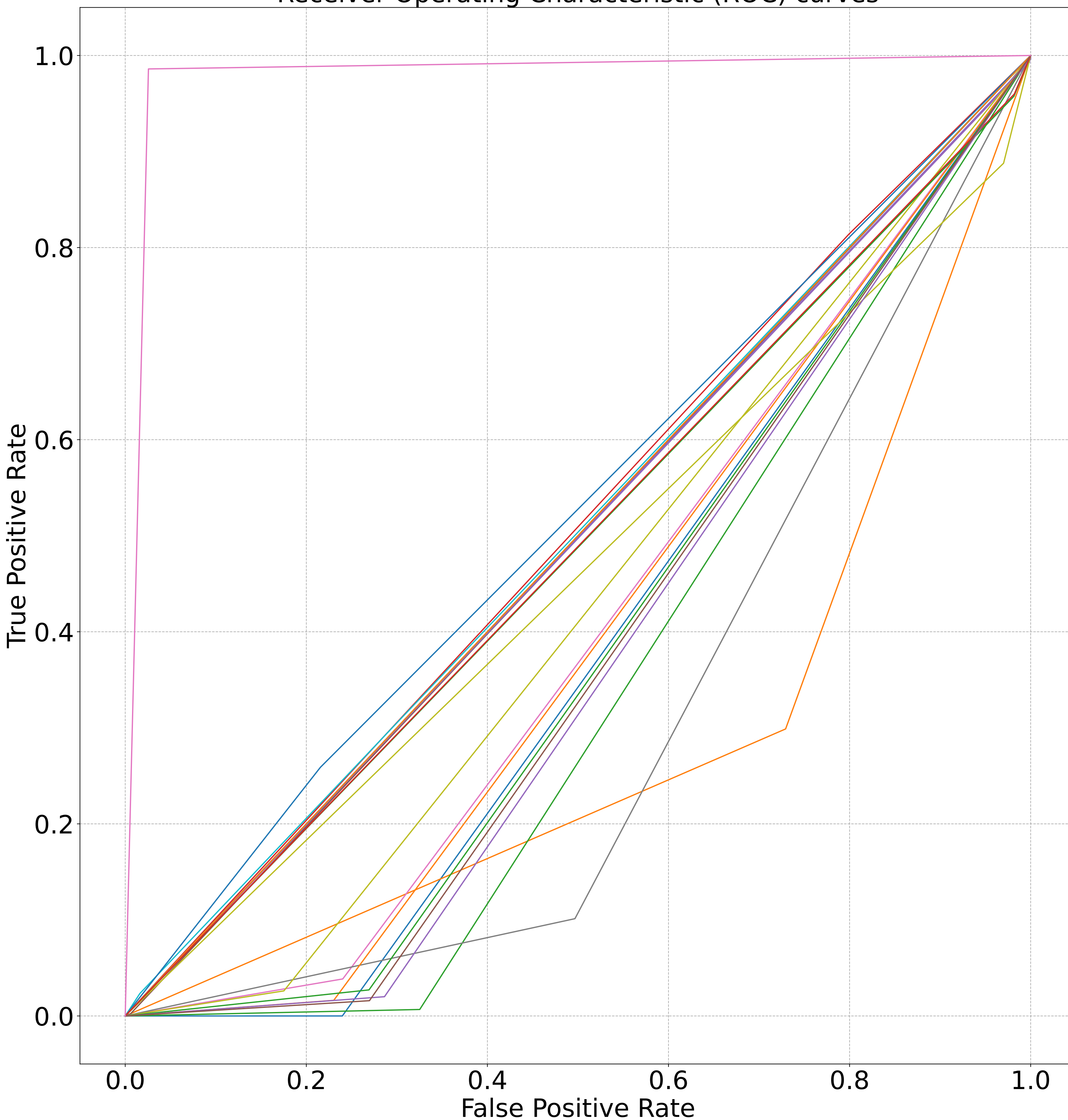


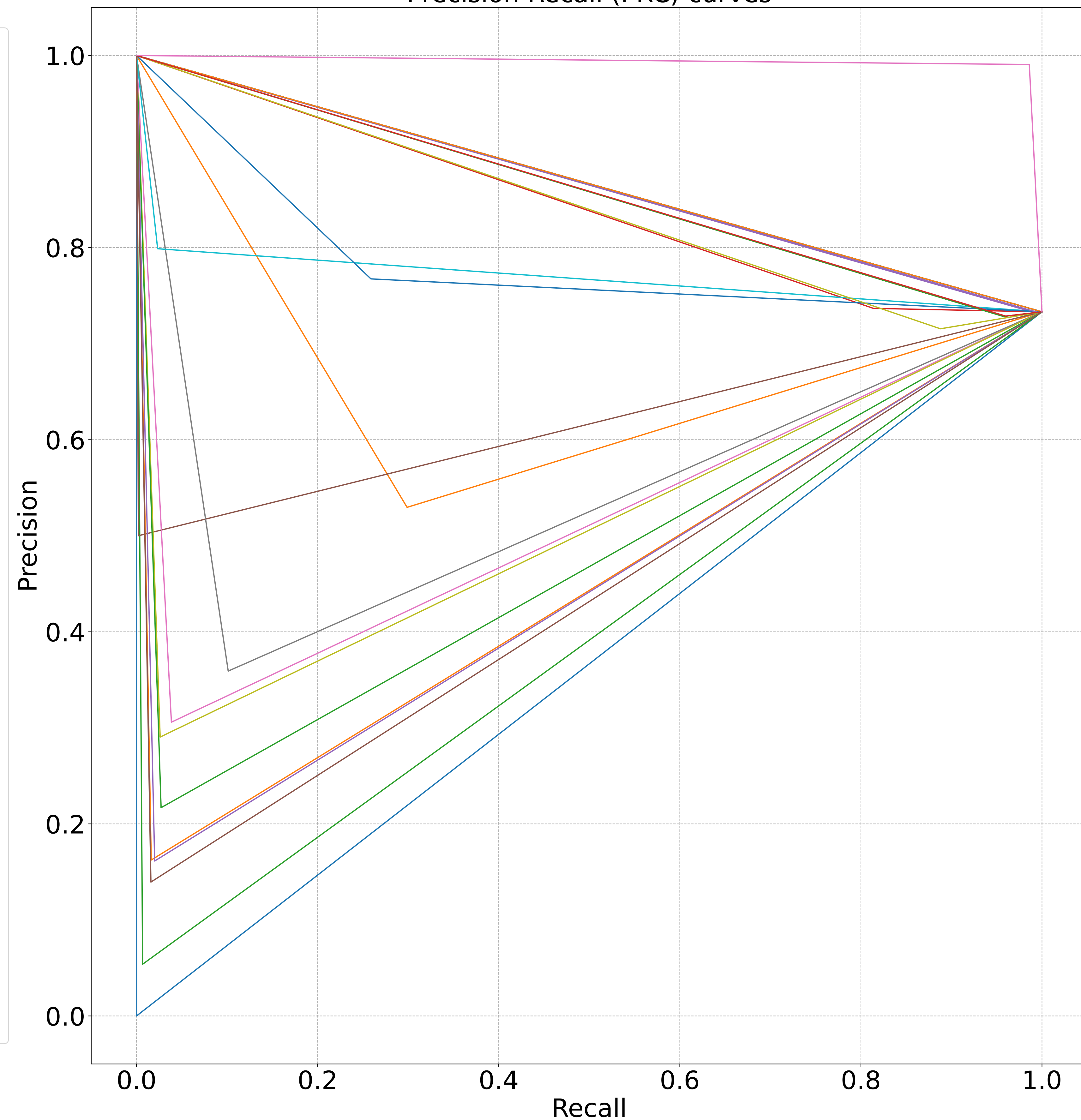
DITTO Benchmarking for 2kb_upstream_variant

Receiver Operating Characteristic (ROC) curves



- CADD = 0.38
- CSCAPE = 0.28
- ClinPred = 0.34
- DANN = 0.51
- DANN_Coding = 0.50
- DGI_score = 0.50
- FATHMM_coding = 0.40
- Funseq2 = 0.30
- Linsight = 0.43
- LRT = 0.50
- Loftool = 0.52
- MetaSVM = 0.39
- MetaLR = 0.38
- MutPred = 0.50
- MutPred_indel = 0.50
- Mutation_Assessor = 0.50
- Mutation_Taster = 0.50
- Provean = 0.50
- PHDSNPG = 0.46
- Revel = 0.50
- SIFT = 0.50
- VEST = 0.50
- dbSCSNV_ADA = 0.49
- dbSCSNV_RF = 0.49
- varity_r = 0.37
- varity_er = 0.37
- DITTO = 0.98

Precision Recall (PRC) curves



- CADD = 0.73
- CSCAPE = 0.67
- ClinPred = 0.73
- DANN = 0.74
- DANN_Coding = 0.73
- DGI_score = 0.73
- FATHMM_coding = 0.72
- Funseq2 = 0.70
- Linsight = 0.72
- LRT = 0.73
- Loftool = 0.74
- MetaSVM = 0.72
- MetaLR = 0.72
- MutPred = 0.73
- MutPred_indel = 0.73
- Mutation_Assessor = 0.73
- Mutation_Taster = 0.73
- Provean = 0.73
- PHDSNPG = 0.72
- Revel = 0.73
- SIFT = 0.73
- VEST = 0.73
- dbSCSNV_ADA = 0.73
- dbSCSNV_RF = 0.73
- varity_r = 0.72
- varity_er = 0.72
- DITTO = 0.99