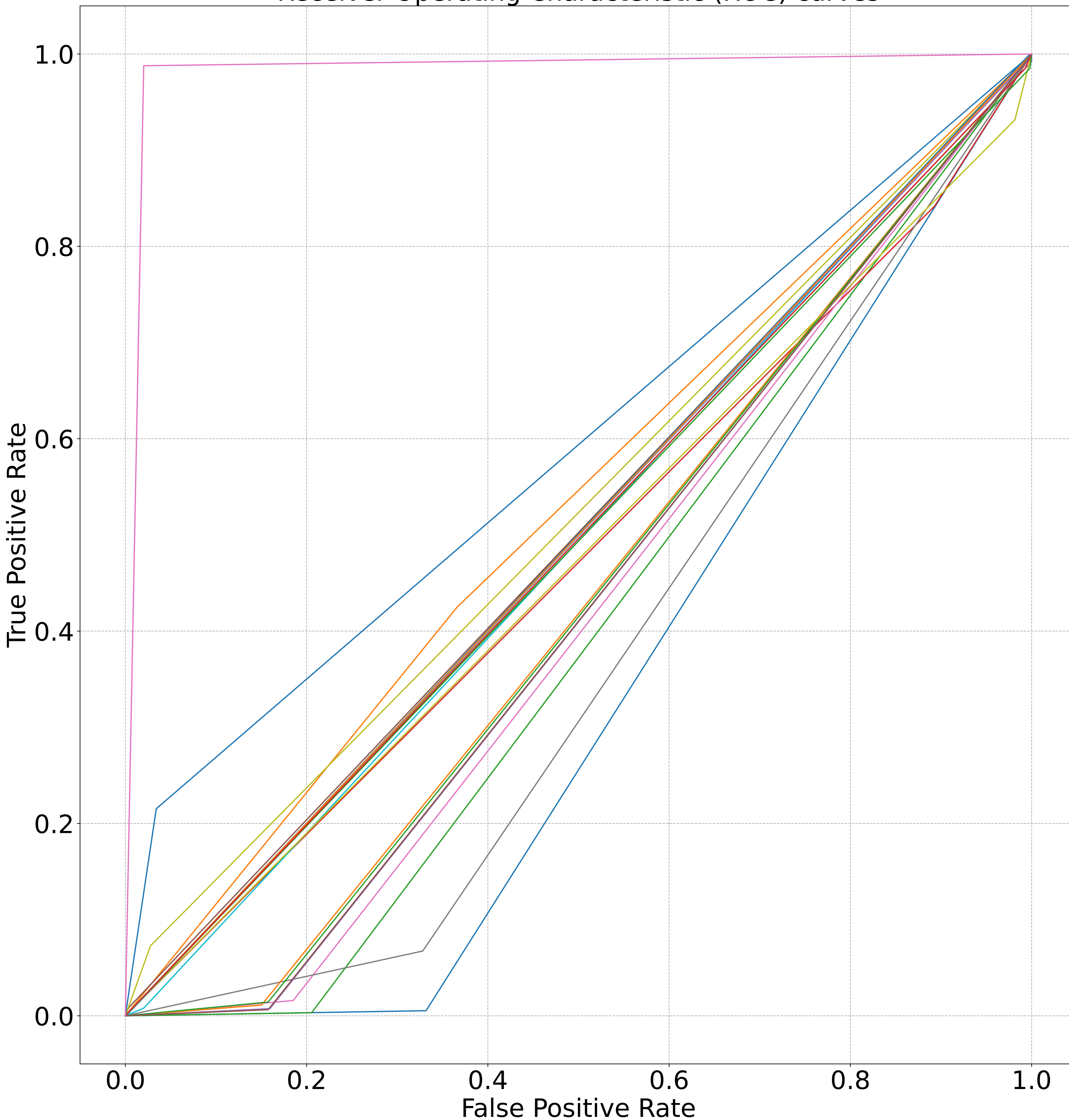


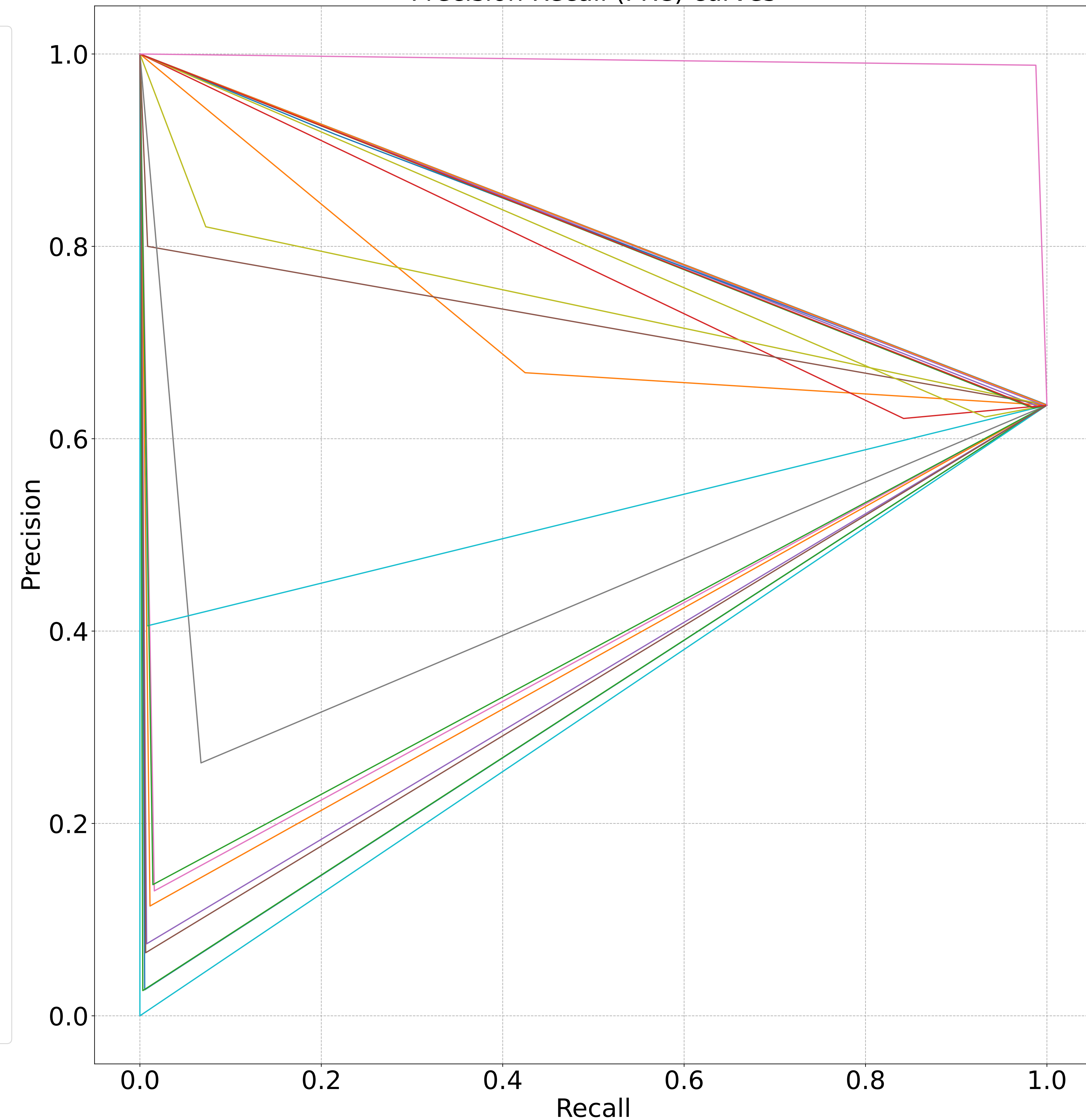
DITTO Benchmarking for 5_prime_UTR_variant

Receiver Operating Characteristic (ROC) curves



- CADD = 0.34
- CSCAPE = 0.53
- ClinPred = 0.40
- DANN = 0.47
- DANN_Coding = 0.50
- DGI_score = 0.50
- FATHMM_coding = 0.42
- Funseq2 = 0.37
- Linsight = 0.52
- LRT = 0.49
- Loftool = 0.59
- MetaSVM = 0.43
- MetaLR = 0.43
- MutPred = 0.50
- MutPred_indel = 0.50
- Mutation_Assessor = 0.50
- Mutation_Taster = 0.50
- Provean = 0.50
- PHDSNPG = 0.48
- Revel = 0.50
- SIFT = 0.50
- VEST = 0.50
- dbSCSNV_ADA = 0.49
- dbSCSNV_RF = 0.50
- varity_r = 0.42
- varity_er = 0.42
- DITTO = 0.98

Precision Recall (PRC) curves



- CADD = 0.63
- CSCAPE = 0.65
- ClinPred = 0.63
- DANN = 0.62
- DANN_Coding = 0.63
- DGI_score = 0.64
- FATHMM_coding = 0.63
- Funseq2 = 0.61
- Linsight = 0.65
- LRT = 0.63
- Loftool = 0.70
- MetaSVM = 0.63
- MetaLR = 0.63
- MutPred = 0.63
- MutPred_indel = 0.63
- Mutation_Assessor = 0.63
- Mutation_Taster = 0.63
- Provean = 0.64
- PHDSNPG = 0.62
- Revel = 0.63
- SIFT = 0.64
- VEST = 0.63
- dbSCSNV_ADA = 0.63
- dbSCSNV_RF = 0.63
- varity_r = 0.63
- varity_er = 0.63
- DITTO = 0.98