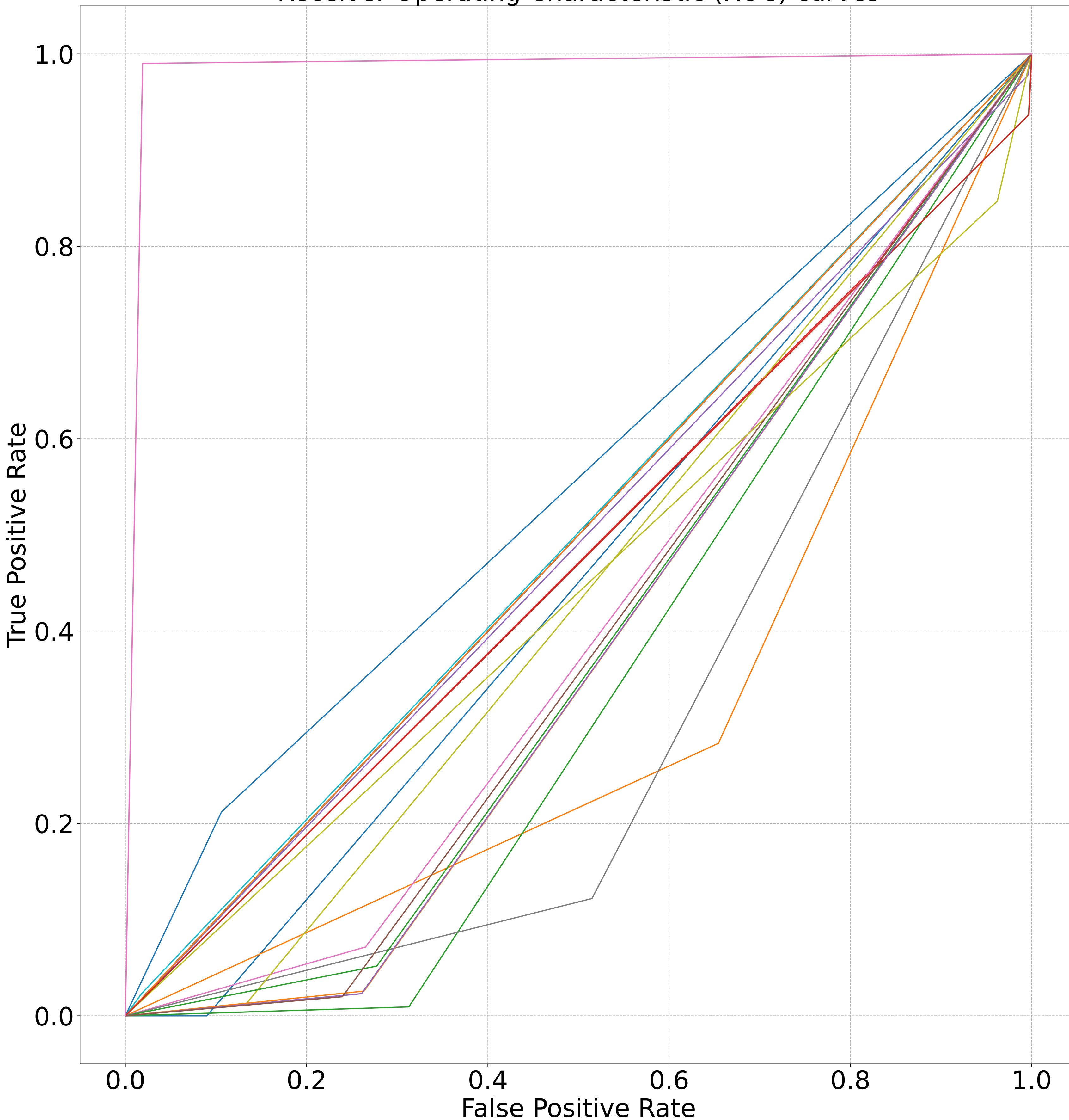


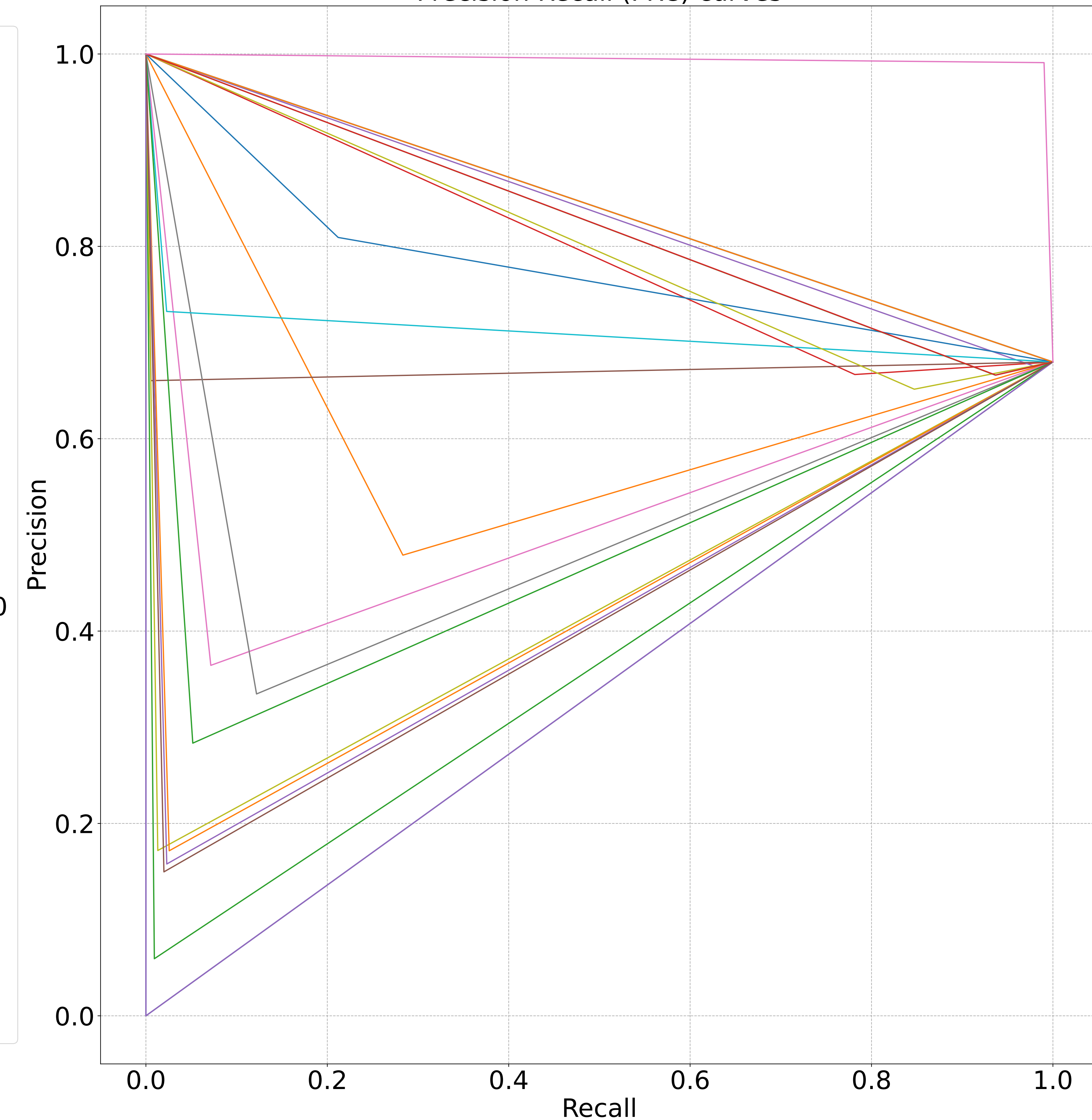
# DITTO Benchmarking for 2kb\_downstream\_variant

Receiver Operating Characteristic (ROC) curves



- CADD = 0.46
- CSCAPE = 0.31
- ClinPred = 0.35
- DANN = 0.48
- DANN\_Coding = 0.49
- DGI\_score = 0.50
- FATHMM\_coding = 0.40
- Funseq2 = 0.30
- Linsight = 0.44
- LRT = 0.50
- Loftool = 0.55
- MetaSVM = 0.38
- MetaLR = 0.39
- MutPred = 0.50
- MutPred\_indel = 0.50
- Mutation\_Assessor = 0.50
- Mutation\_Taster = 0.50
- Provean = 0.50
- PHDSNPG = 0.44
- Revel = 0.50
- SIFT = 0.50
- VEST = 0.50
- dbSCSNV\_ADA = 0.47
- dbSCSNV\_RF = 0.47
- varity\_r = 0.38
- varity\_er = 0.39
- DITTO = 0.99

Precision Recall (PRC) curves



- CADD = 0.68
- CSCAPE = 0.62
- ClinPred = 0.67
- DANN = 0.67
- DANN\_Coding = 0.68
- DGI\_score = 0.68
- FATHMM\_coding = 0.66
- Funseq2 = 0.64
- Linsight = 0.67
- LRT = 0.68
- Loftool = 0.71
- MetaSVM = 0.67
- MetaLR = 0.66
- MutPred = 0.68
- MutPred\_indel = 0.68
- Mutation\_Assessor = 0.68
- Mutation\_Taster = 0.68
- Provean = 0.68
- PHDSNPG = 0.66
- Revel = 0.68
- SIFT = 0.68
- VEST = 0.68
- dbSCSNV\_ADA = 0.67
- dbSCSNV\_RF = 0.67
- varity\_r = 0.67
- varity\_er = 0.67
- DITTO = 0.99