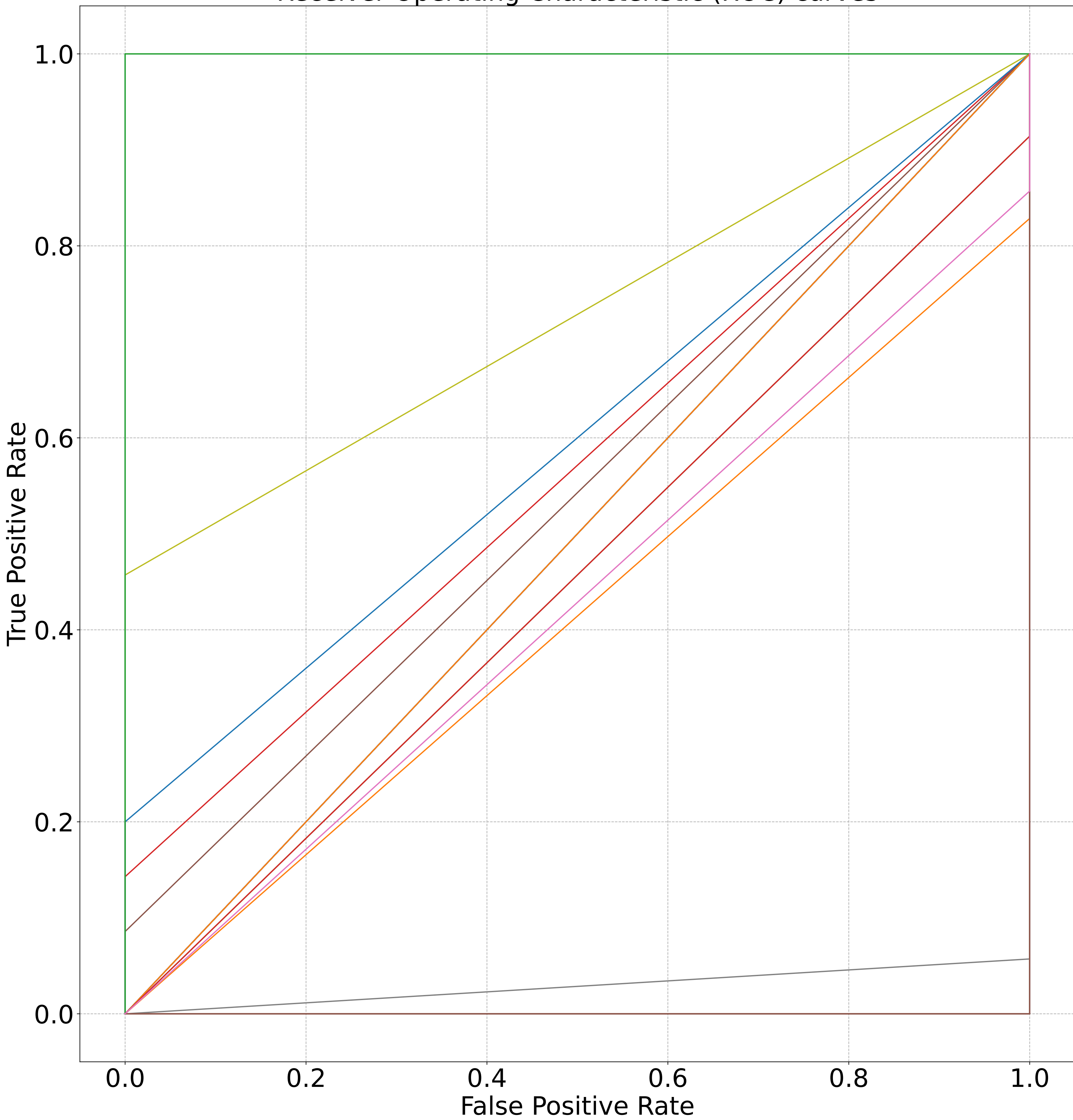


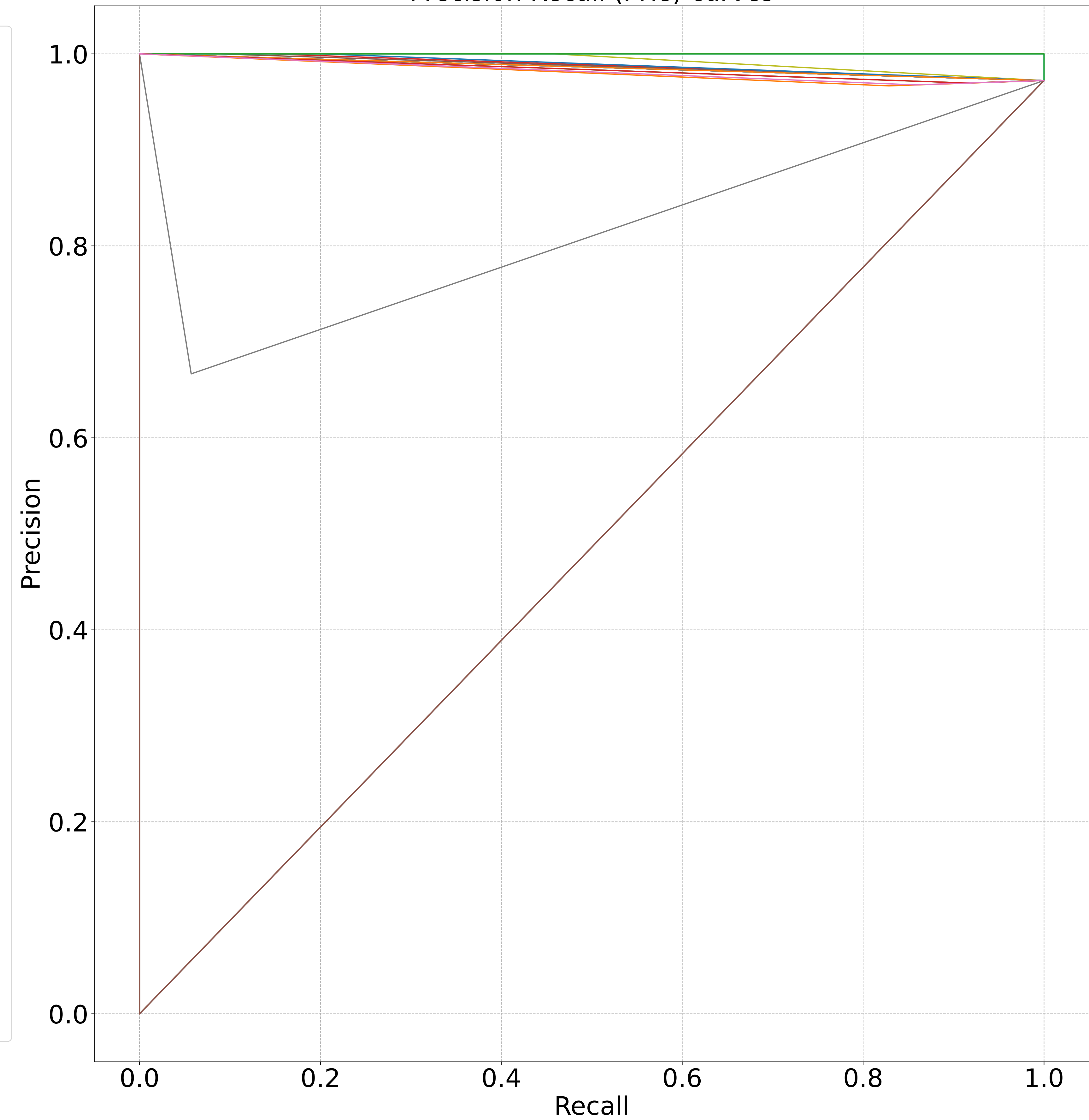
# DITTO Benchmarking for stop\_retained\_variant

## Receiver Operating Characteristic (ROC) curves



- CADD = 0.00
- CSCAPE = 0.41
- ClinPred = 0.00
- DANN = 0.57
- DANN\_Coding = 0.00
- DGI\_score = 0.54
- FATHMM\_coding = 0.00
- Funseq2 = 0.03
- Linsight = 0.73
- LRT = 1.00
- Loftool = 0.60
- MetaSVM = 0.00
- MetaLR = 1.00
- MutPred = 0.50
- MutPred\_indel = 0.50
- Mutation\_Assessor = 0.50
- Mutation\_Taster = 0.50
- Provean = 0.50
- PHDSNPG = 0.00
- Revel = 0.50
- SIFT = 0.50
- VEST = 0.50
- dbSCSNV\_ADA = 0.46
- dbSCSNV\_RF = 0.46
- varity\_r = 0.00
- varity\_er = 0.00
- DITTO = 0.43

## Precision Recall (PRC) curves



- CADD = 0.97
- CSCAPE = 0.97
- ClinPred = 0.97
- DANN = 0.98
- DANN\_Coding = 0.97
- DGI\_score = 0.97
- FATHMM\_coding = 0.97
- Funseq2 = 0.95
- Linsight = 0.98
- LRT = 1.00
- Loftool = 0.98
- MetaSVM = 0.97
- MetaLR = 1.00
- MutPred = 0.97
- MutPred\_indel = 0.97
- Mutation\_Assessor = 0.97
- Mutation\_Taster = 0.97
- Provean = 0.97
- PHDSNPG = 0.97
- Revel = 0.97
- SIFT = 0.97
- VEST = 0.97
- dbSCSNV\_ADA = 0.97
- dbSCSNV\_RF = 0.97
- varity\_r = 0.97
- varity\_er = 0.97
- DITTO = 0.97