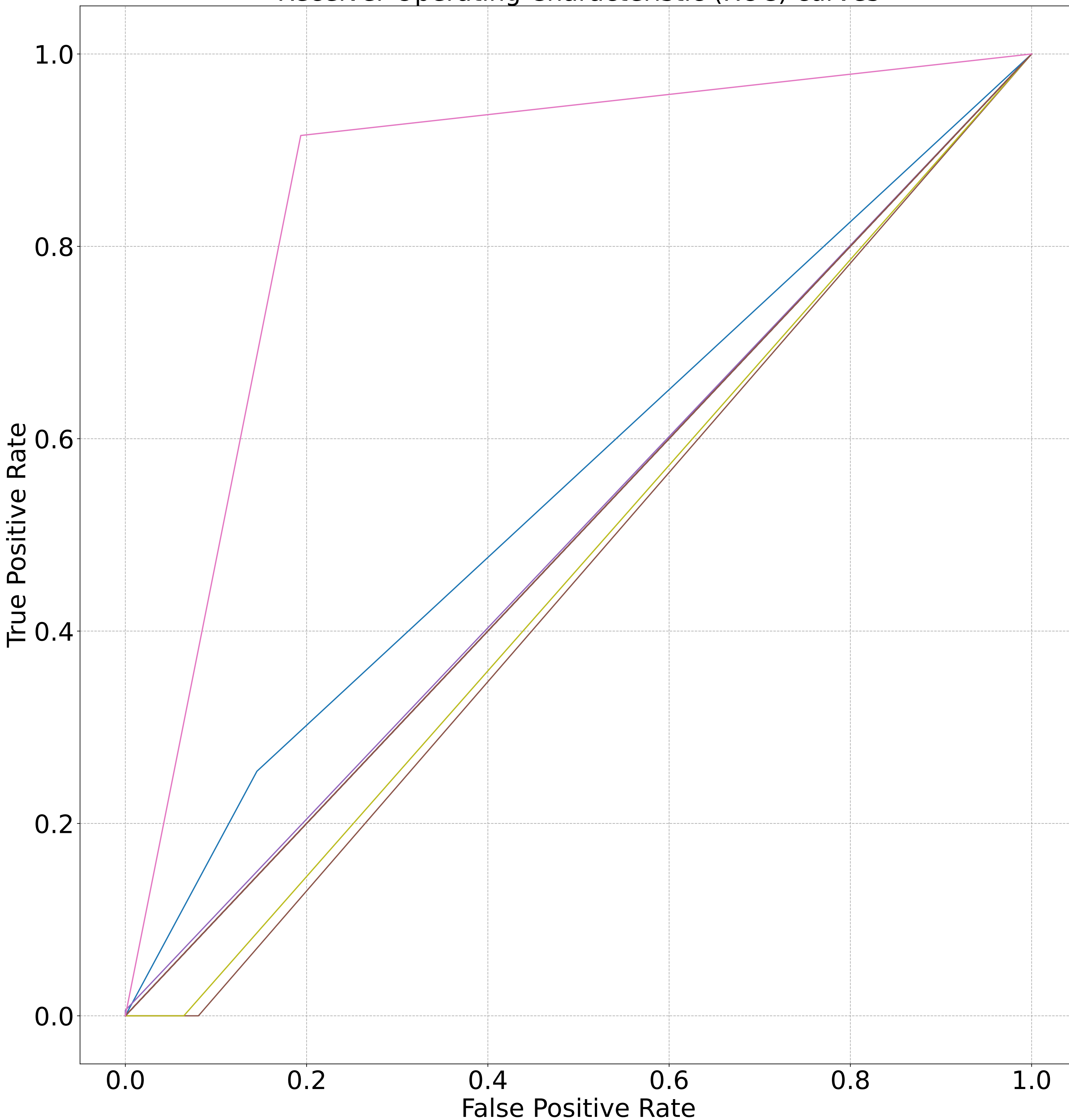


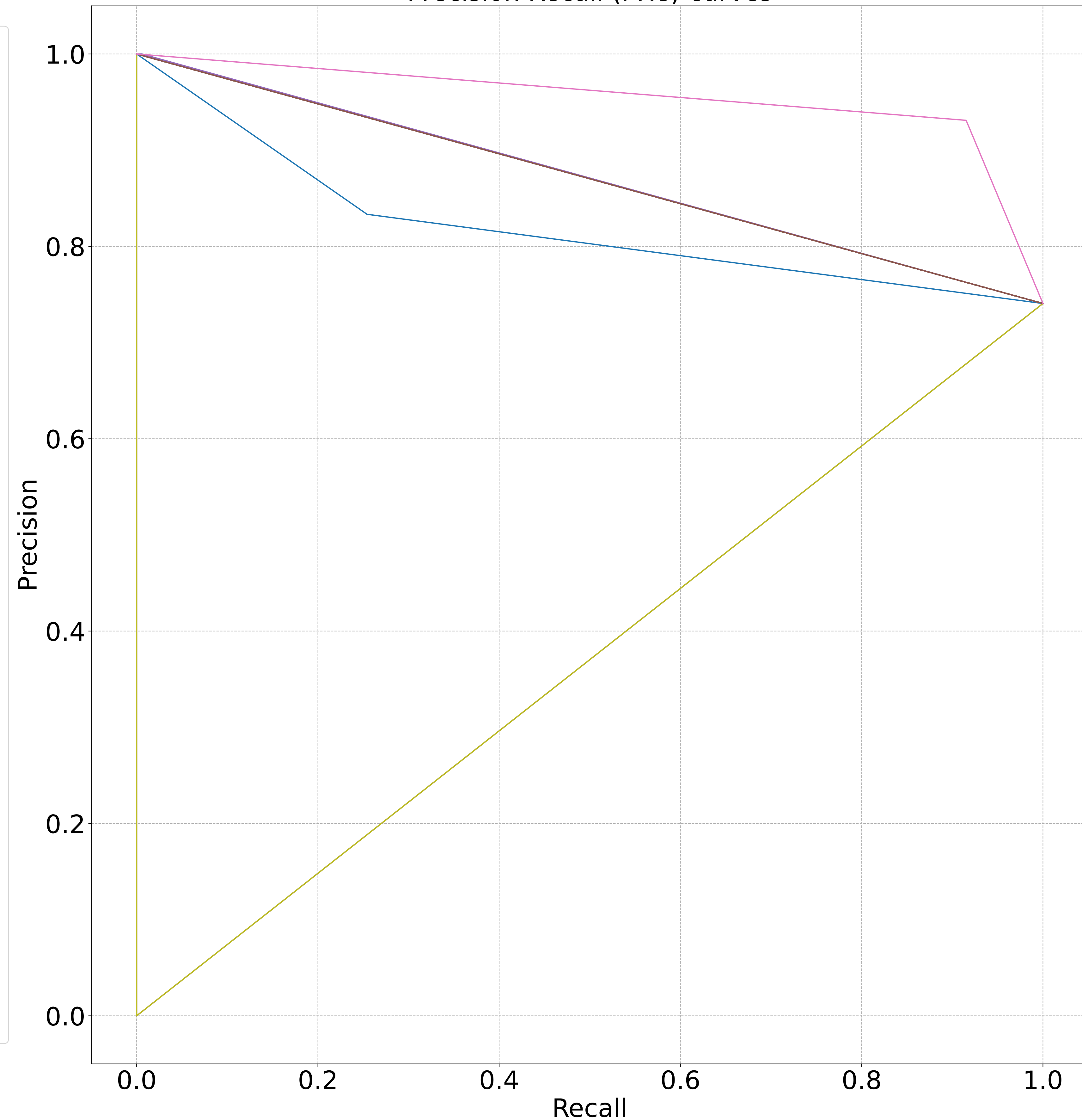
# DITTO Benchmarking for inframe\_insertion

Receiver Operating Characteristic (ROC) curves



- CADD = 0.50
- CSCAPE = 0.50
- ClinPred = 0.50
- DANN = 0.50
- DANN\_Coding = 0.50
- DGI\_score = 0.46
- FATHMM\_coding = 0.50
- Funseq2 = 0.50
- Linsight = 0.47
- LRT = 0.50
- Loftool = 0.55
- MetaSVM = 0.50
- MetaLR = 0.50
- MutPred = 0.50
- MutPred\_indel = 0.50
- Mutation\_Assessor = 0.50
- Mutation\_Taster = 0.50
- Provean = 0.50
- PHDSNPG = 0.50
- Revel = 0.50
- SIFT = 0.50
- VEST = 0.50
- dbSCSNV\_ADA = 0.50
- dbSCSNV\_RF = 0.50
- varity\_r = 0.50
- varity\_er = 0.50
- DITTO = 0.86

Precision Recall (PRC) curves



- CADD = 0.74
- CSCAPE = 0.74
- ClinPred = 0.74
- DANN = 0.74
- DANN\_Coding = 0.74
- DGI\_score = 0.74
- FATHMM\_coding = 0.74
- Funseq2 = 0.74
- Linsight = 0.74
- LRT = 0.74
- Loftool = 0.76
- MetaSVM = 0.74
- MetaLR = 0.74
- MutPred = 0.74
- MutPred\_indel = 0.74
- Mutation\_Assessor = 0.74
- Mutation\_Taster = 0.74
- Provean = 0.74
- PHDSNPG = 0.74
- Revel = 0.74
- SIFT = 0.74
- VEST = 0.74
- dbSCSNV\_ADA = 0.74
- dbSCSNV\_RF = 0.74
- varity\_r = 0.74
- varity\_er = 0.74
- DITTO = 0.91