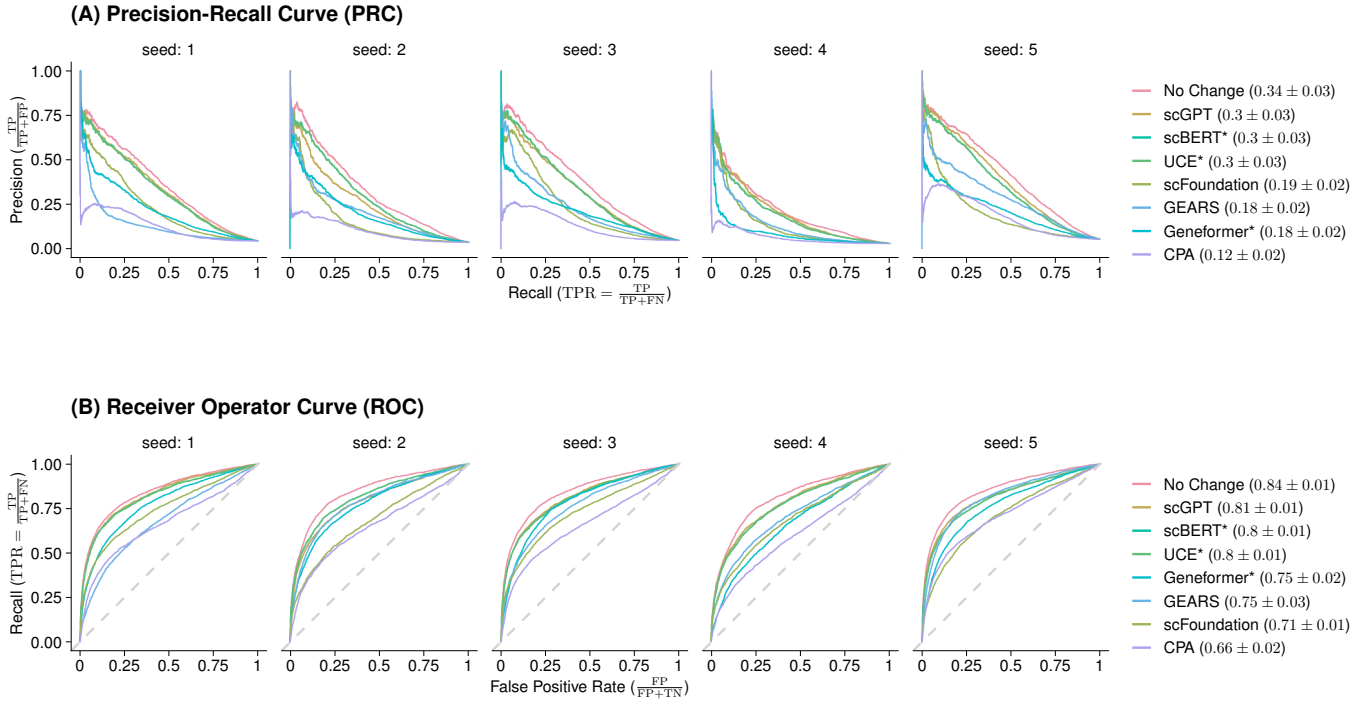
(A) Precision-Recall Curve (PRC)
seed: 1
seed: 2
seed: 3
seed: 4
seed: 5
Precision ($\frac{TP}{TP+FP}$)
Recall ($TPR = \frac{TP}{TP+FN}$)
No Change (0.34 ± 0.03)
scGPT (0.3 ± 0.03)
scBERT* (0.3 ± 0.03)
UCE* (0.3 ± 0.03)
scFoundation (0.19 ± 0.02)
GEARS (0.18 ± 0.02)
Geneformer* (0.18 ± 0.02)
CPA (0.12 ± 0.02)
(B) Receiver Operator Curve (ROC)
seed: 1
seed: 2
seed: 3
seed: 4
seed: 5
Recall ($TPR = \frac{TP}{TP+FN}$)
False Positive Rate ($\frac{FP}{FP+TN}$)
No Change (0.84 ± 0.01)
scGPT (0.81 ± 0.01)
scBERT* (0.8 ± 0.01)
UCE* (0.8 ± 0.01)
Geneformer* (0.75 ± 0.02)
GEARS (0.75 ± 0.03)
scFoundation (0.71 ± 0.01)
CPA (0.66 ± 0.02)