## distToTSS (bins)

1.00 -

0.75

Precision 0.50

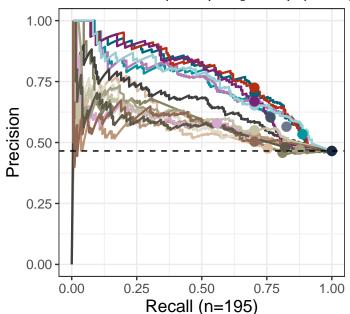
0.25

0.00 -

0.00

- scE2G (Multiome)
- scE2G (Multiome, ignore\_TPM)

distToTSS (bins) = [0,20) (419 pairs)<sub>scE2G (ATAC)</sub>



- ARC-E2G score
- Kendall correlation
- ABC (A=scATAC, C=power law)
- STARE (gABC, power law)
- SnapATAC (z-score)
- Signac (p-value)
- Cicero (co-accessibility)
- FigR (p-value)
- SCENT (bootstrap p-value, -log10, signed)
- SCENIC+ (importance)
- **DIRECTNET** (importance)

## **Predictor**

scE2G (Multiome)

distToTSS (bins) = [100,2.5e+03) (7896) partis (7896) partis (7896)

0.50

Recall (n=77)

0.25

0.75

1.00

scE2G (ATAC)

- ARC-E2G score
- Kendall correlation
- ABC (A=scATAC, C=power law)
- STARE (gABC, power law)
- SnapATAC (z-score)
- Signac (p-value)
- Cicero (co-accessibility)
- FigR (p-value)
- SCENT (bootstrap p-value, -log10, signed)
- SCENIC+ (importance)
- **DIRECTNET** (importance)
- ArchR (Pearson correlation)
- Distance to TSS

**Predictor** 

## **Predictor**

- scE2G (Multiome)
- scE2G (Multiome, ignore\_TPM)

distToTSS (bins) = [20,100) (1377-paies) (ATAC)

0.75

1.00

1.00 -

0.75

Precision 0.50

0.25

0.00

0.00

0.25

0.50

Recall (n=189)

- ARC-E2G score
- Kendall correlation
- ABC (A=scATAC, C=power law)
- STARE (gABC, power law)
- SnapATAC (z-score)
- Signac (p-value)
- Cicero (co-accessibility)
- FigR (p-value)
- SCENT (bootstrap p-value, -log10, signed)
- SCENIC+ (importance)
- **DIRECTNET** (importance)
- ArchR (Pearson correlation)
- Distance to TSS
- Closest TSS
- Closest gene
- Within 100kb of TSS