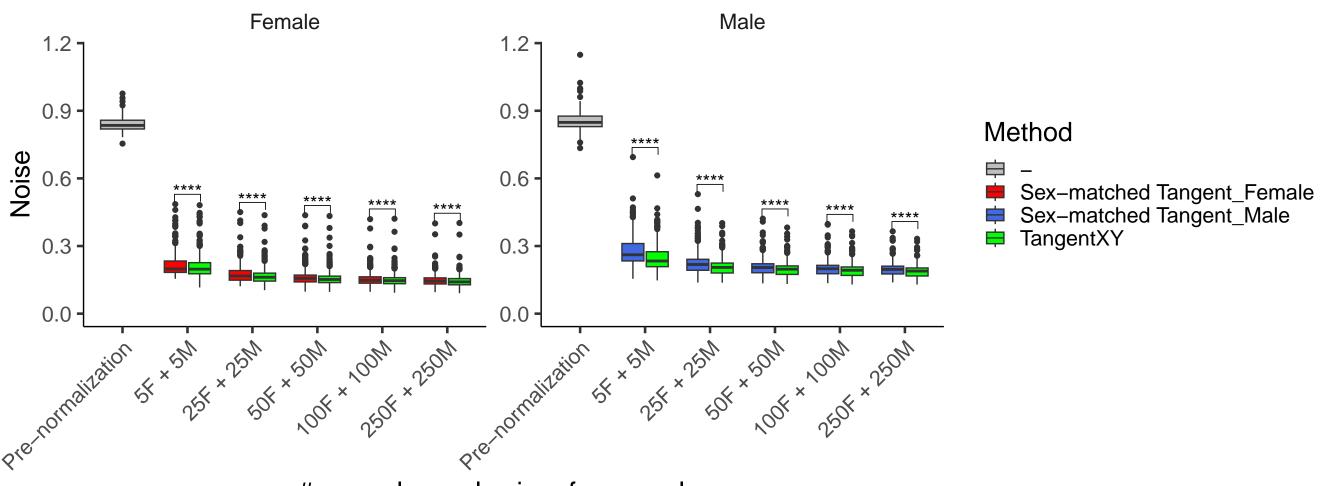
Noise (ChrX)



normal samples in reference plane