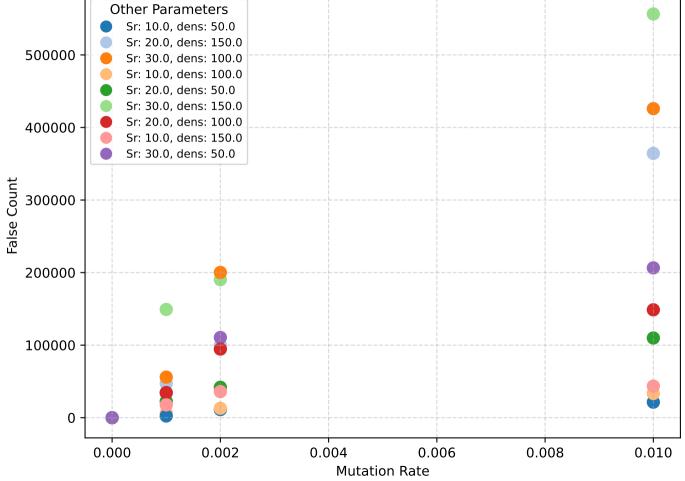


False Barcode Counts vs. Mutation Rate
Other Parameters



True Barcode Counts vs. S\_radius Other Parameters mut: 0.002, dens: 50.0 mut: 0.001, dens: 150.0 800000 mut: 0.0, dens: 100.0 mut: 0.001, dens: 100.0 mut: 0.01, dens: 50.0 mut: 0.001, dens: 50.0 mut: 0.002, dens: 150.0 mut: 0.01, dens: 150.0 600000 mut: 0.002, dens: 100.0 mut: 0.0, dens: 150.0 **Frue Count** mut: 0.0, dens: 50.0 mut: 0.01, dens: 100.0 400000 200000 0 12.5 15.0 17.5 20.0 25.0 27.5 10.0 22.5 30.0 S radius

False Barcode Counts vs. S radius Other Parameters mut: 0.002, dens: 50.0 mut: 0.001, dens: 150.0 500000 mut: 0.0, dens: 100.0 mut: 0.001, dens: 100.0 mut: 0.01, dens: 50.0 mut: 0.001, dens: 50.0 mut: 0.002, dens: 150.0 400000 mut: 0.01, dens: 150.0 mut: 0.002, dens: 100.0 mut: 0.0, dens: 150.0 False Count mut: 0.0, dens: 50.0 300000 mut: 0.01, dens: 100.0 200000 100000 0 12.5 15.0 17.5 20.0 25.0 27.5 10.0 22.5 30.0

S radius

True Barcode Counts vs. Density Other Parameters mut: 0.002, Sr: 10.0 mut: 0.001, Sr: 20.0 800000 mut: 0.0, Sr: 30.0 mut: 0.001, Sr: 10.0 mut: 0.01, Sr: 10.0 mut: 0.002, Sr: 20.0 mut: 0.01, Sr: 30.0 mut: 0.0, Sr: 20.0 600000 mut: 0.001, Sr: 30.0 mut: 0.0, Sr: 10.0 **True Count** mut: 0.01, Sr: 20.0 mut: 0.002, Sr: 30.0 400000 200000 0 80 120 60 100 140 Density

False Barcode Counts vs. Density Other Parameters mut: 0.002, Sr: 10.0 mut: 0.001, Sr: 20.0 500000 mut: 0.0, Sr: 30.0 mut: 0.001, Sr: 10.0 mut: 0.01, Sr: 10.0 mut: 0.002, Sr: 20.0 mut: 0.01, Sr: 30.0 400000 mut: 0.0, Sr: 20.0 mut: 0.001, Sr: 30.0 mut: 0.0, Sr: 10.0 **False Count** mut: 0.01, Sr: 20.0 300000 mut: 0.002, Sr: 30.0 200000 100000 0 80 120 60 100 140 Density