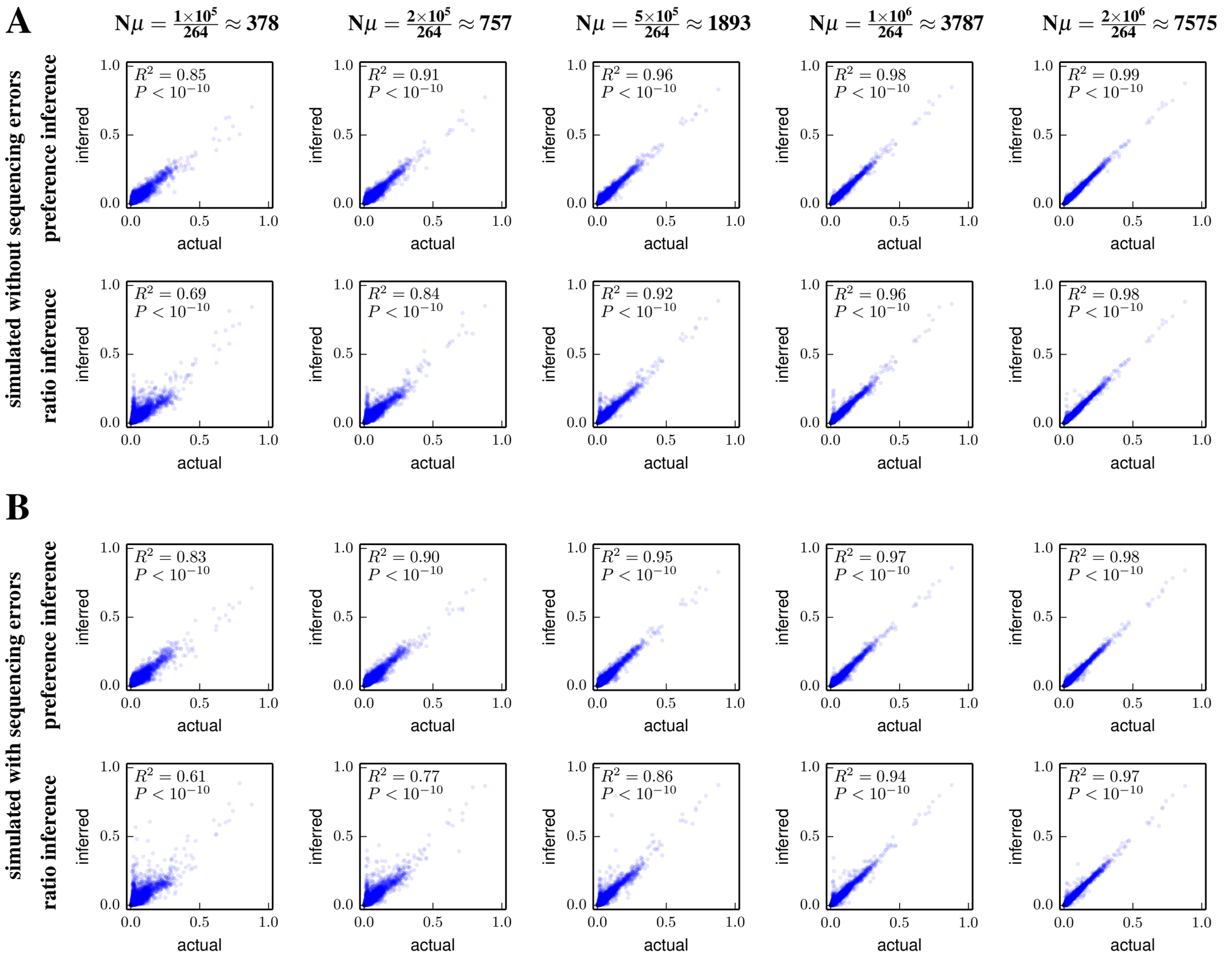
A
$N\mu = \frac{1\times10^5}{264} \approx 378$
$N\mu = \frac{2\times10^5}{264} \approx 757$
$N\mu = \frac{5\times10^5}{264} \approx 1893$
$N\mu = \frac{1\times10^6}{264} \approx 3787$
$N\mu = \frac{2\times10^6}{264} \approx 7575$
simulated without sequencing errors
preference inference
ratio inference
$R^2 = 0.85$ $P < 10^{-10}$
$R^2 = 0.91$ $P < 10^{-10}$
$R^2 = 0.96$ $P < 10^{-10}$
$R^2 = 0.98$ $P < 10^{-10}$
$R^2 = 0.99$ $P < 10^{-10}$
$R^2 = 0.69$ $P < 10^{-10}$
$R^2 = 0.84$ $P < 10^{-10}$
$R^2 = 0.92$ $P < 10^{-10}$
$R^2 = 0.96$ $P < 10^{-10}$
$R^2 = 0.98$ $P < 10^{-10}$
B
simulated with sequencing errors
preference inference
ratio inference
$R^2 = 0.83$ $P < 10^{-10}$
$R^2 = 0.90$ $P < 10^{-10}$
$R^2 = 0.95$ $P < 10^{-10}$
$R^2 = 0.97$ $P < 10^{-10}$
$R^2 = 0.98$ $P < 10^{-10}$
$R^2 = 0.61$ $P < 10^{-10}$
$R^2 = 0.77$ $P < 10^{-10}$
$R^2 = 0.86$ $P < 10^{-10}$
$R^2 = 0.94$ $P < 10^{-10}$
$R^2 = 0.97$ $P < 10^{-10}$
inferred
actual
0.0
0.5
1.0