

Probability of detecting species at site

$\theta = 0.06$

$\theta = 0.24$

$\theta = 0.42$

$\theta = 0.75$

$p = 0.3$

$p = 0.35$

$p = 0.4$

$p = 0.75$

Molecular replicates

$K = 2$

$K = 3$

$K = 4$

$K = 8$

$K = 16$

0 25 50 75 1000 25 50 75 1000 25 50 75 1000 25 50 75 100

Number of samples per site

1.00
0.75
0.50
0.25
0.00