

**A**0.8  
0.4  
0.0

-0.25

0.00

0.25

0.50

Marginal Effect of Diversity on Novelty

**Model**

- Adjusts for sampling  
(neighbourhood repertoire size)
- Does not adjust for sampling

**B**

Uniqueness

1.00  
0.75  
0.50  
0.25  
0.00

Proportion Rare

**C**

Diversity

1.0  
0.9  
0.8  
0.7  
0.6  
0.5Neighbourhood  
Repertoire Size**D**

Novelty

1.00  
0.75  
0.50  
0.25  
0.00Neighbourhood  
Repertoire Size