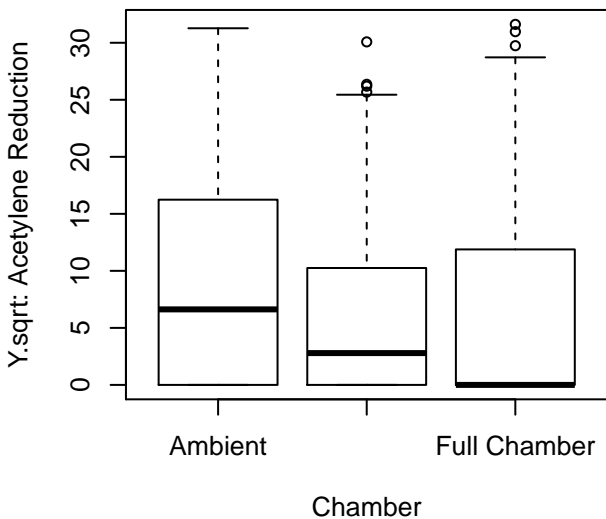
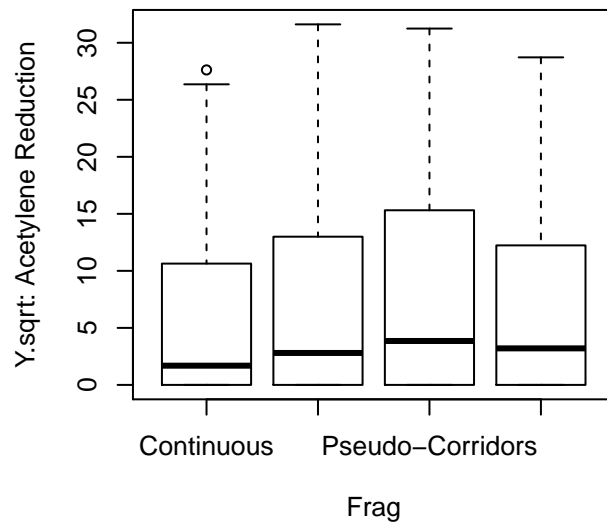


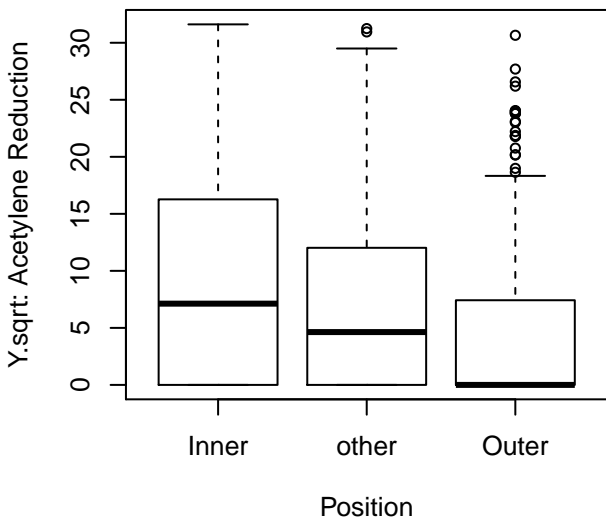
**Patch scale data**



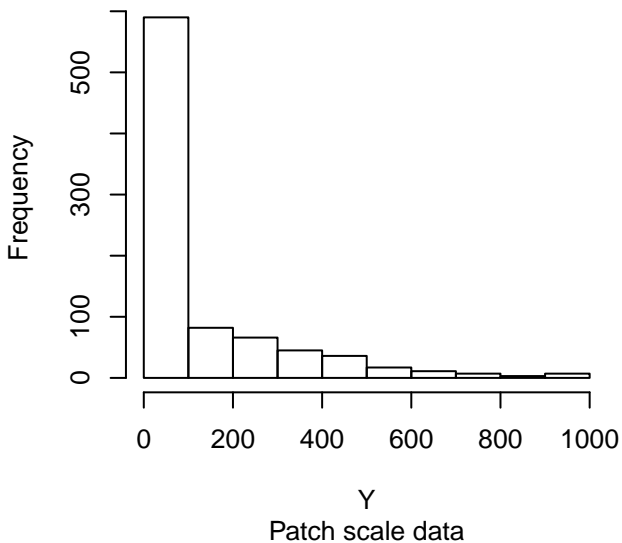
**Patch scale data**



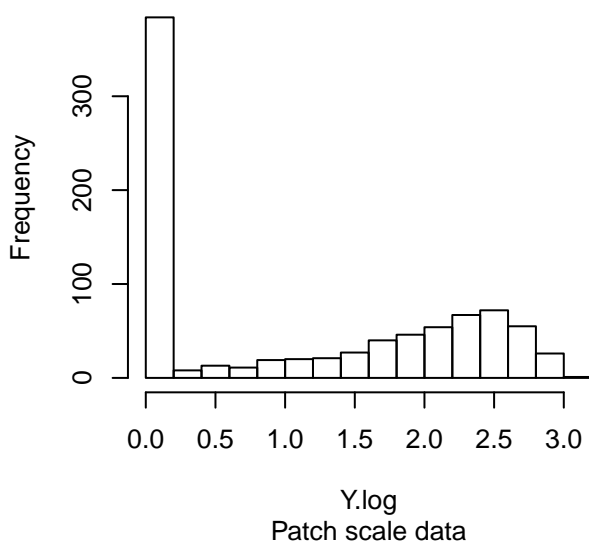
**Patch scale data**



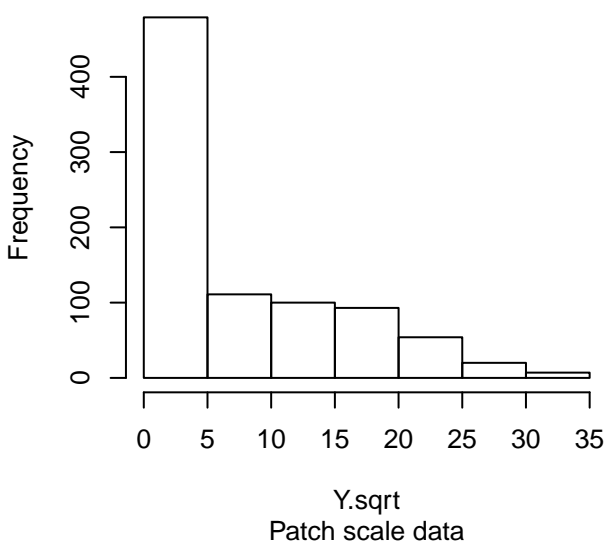
### Histogram of Y



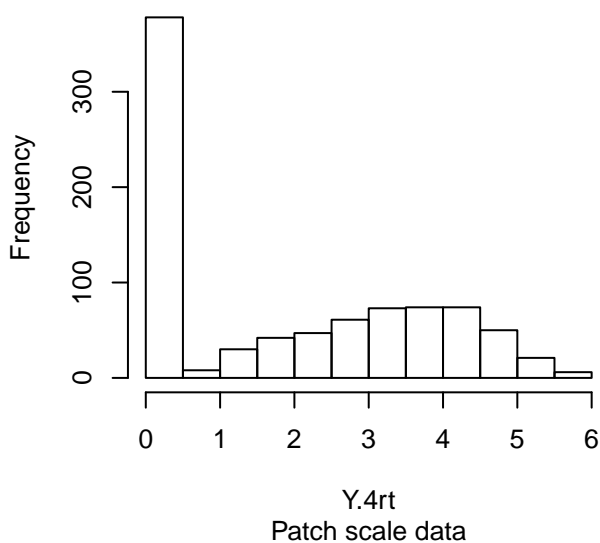
### Histogram of Y.log



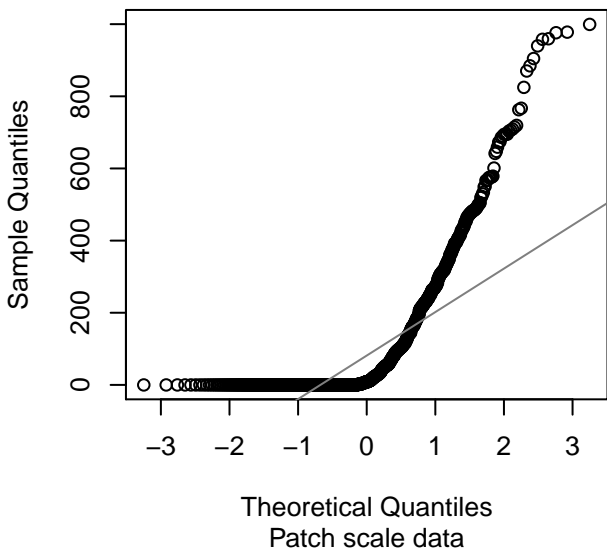
### Histogram of Y.sqrt



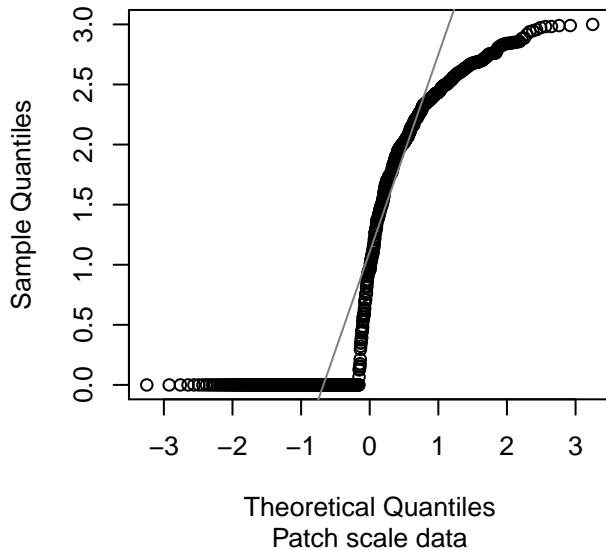
### Histogram of Y.4rt



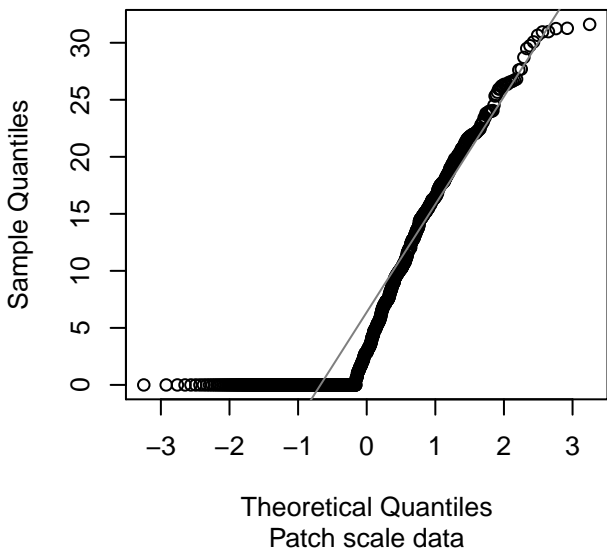
**untransformed**



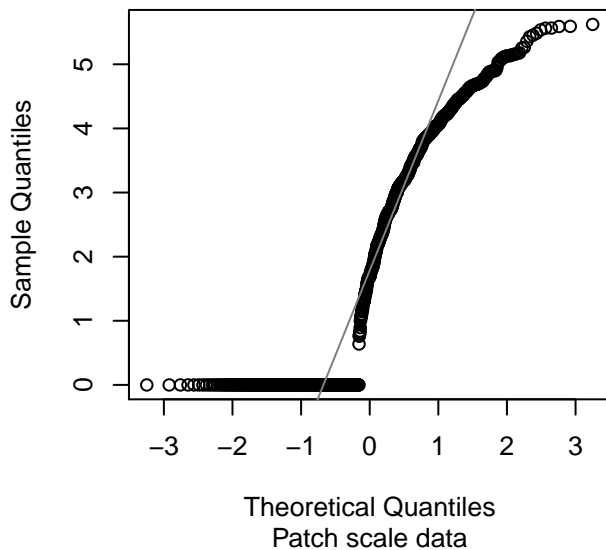
**log10-transformed**



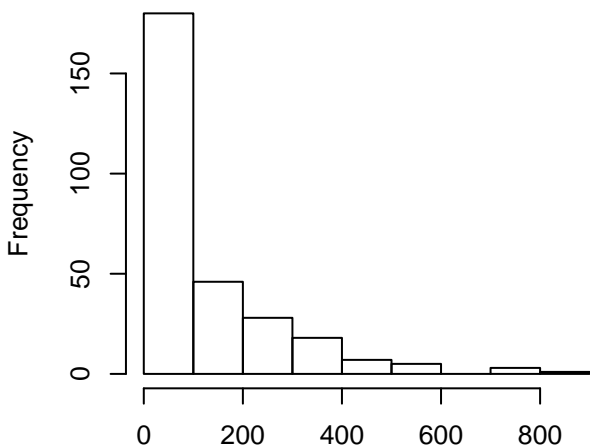
**sqrt-transformed**



**4th-root-transformed**

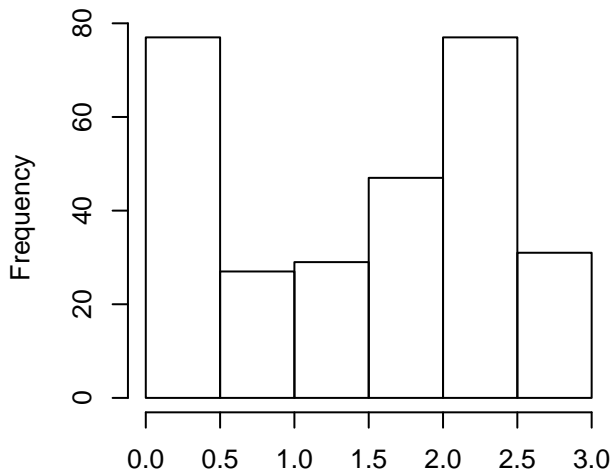


### Histogram of Y



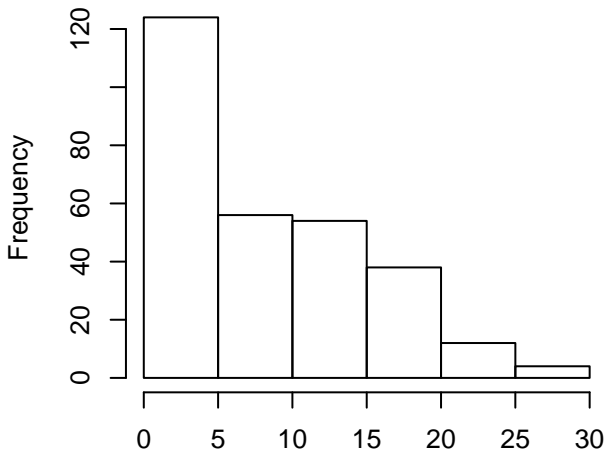
Y  
Meta-Community scale data

### Histogram of Y.log



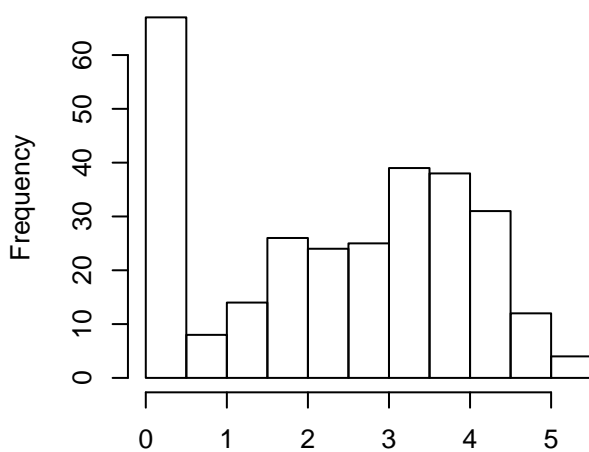
Y.log  
Meta-Community scale data

### Histogram of Y.sqrt



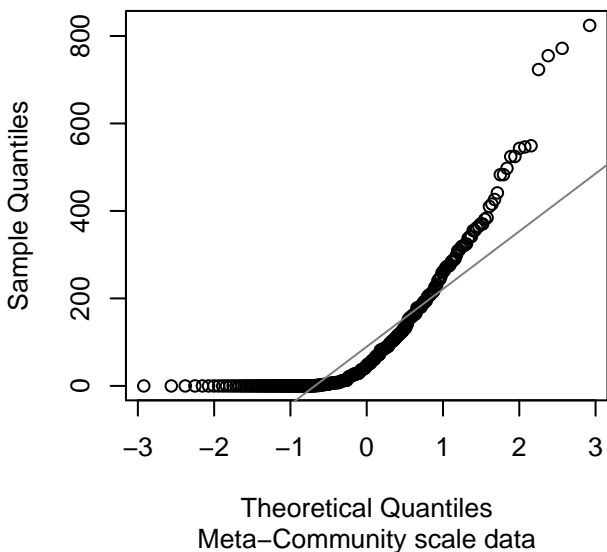
Y.sqrt  
Meta-Community scale data

### Histogram of Y.4rt

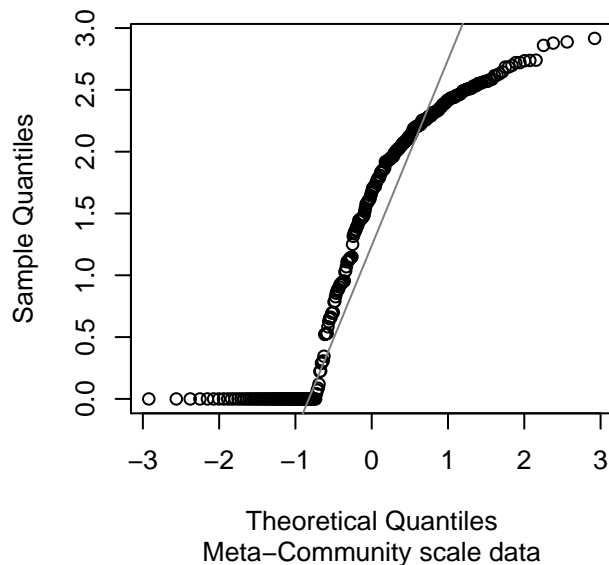


Y.4rt  
Meta-Community scale data

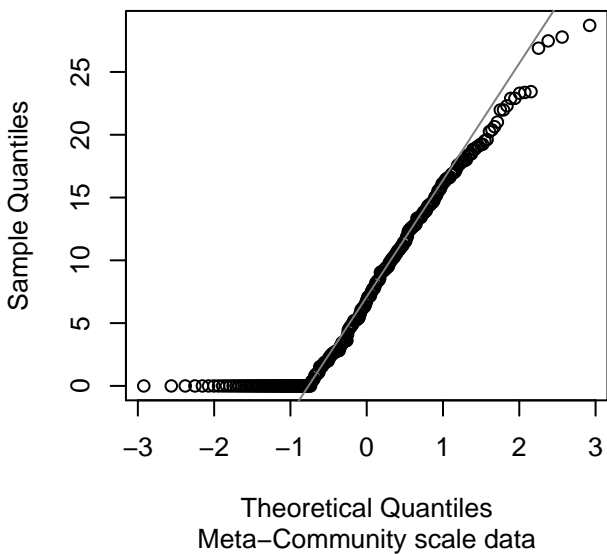
**untransformed**



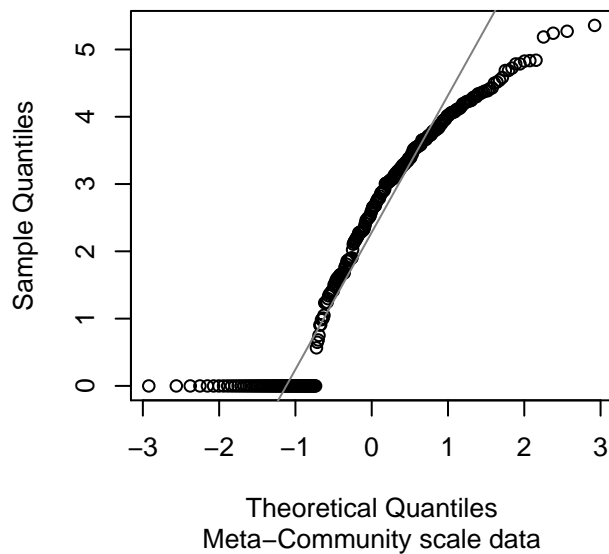
**log10-transformed**

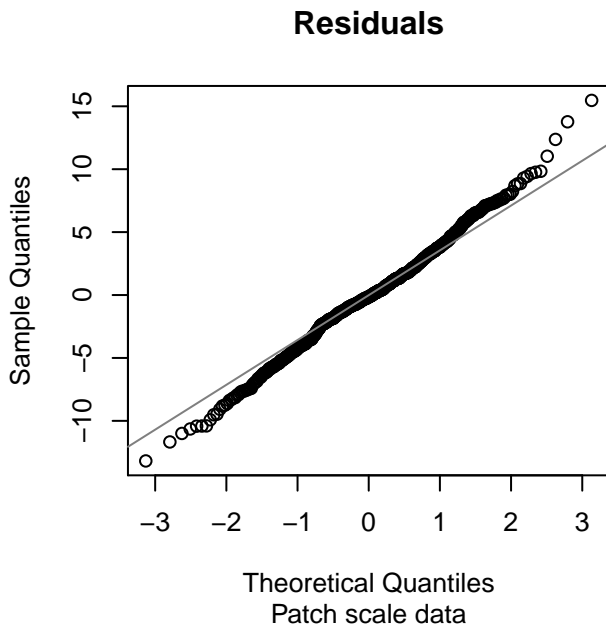
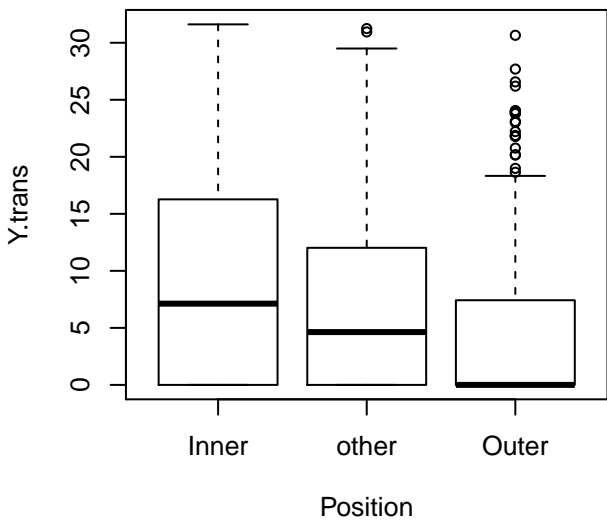
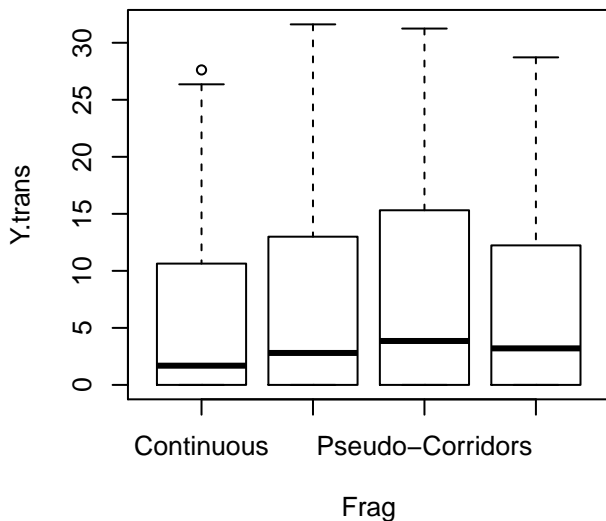
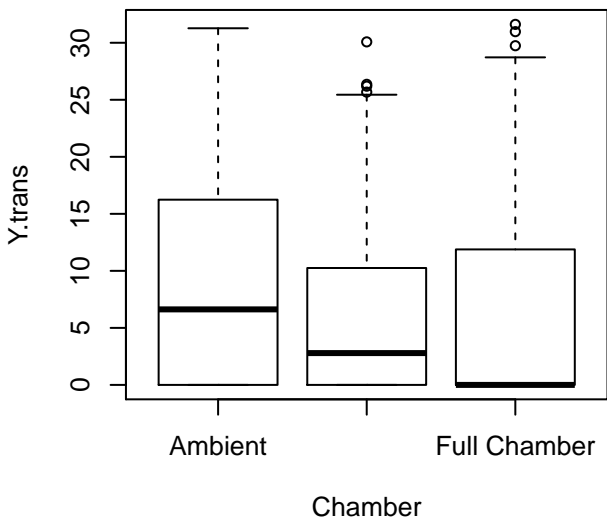


**sqrt-transformed**

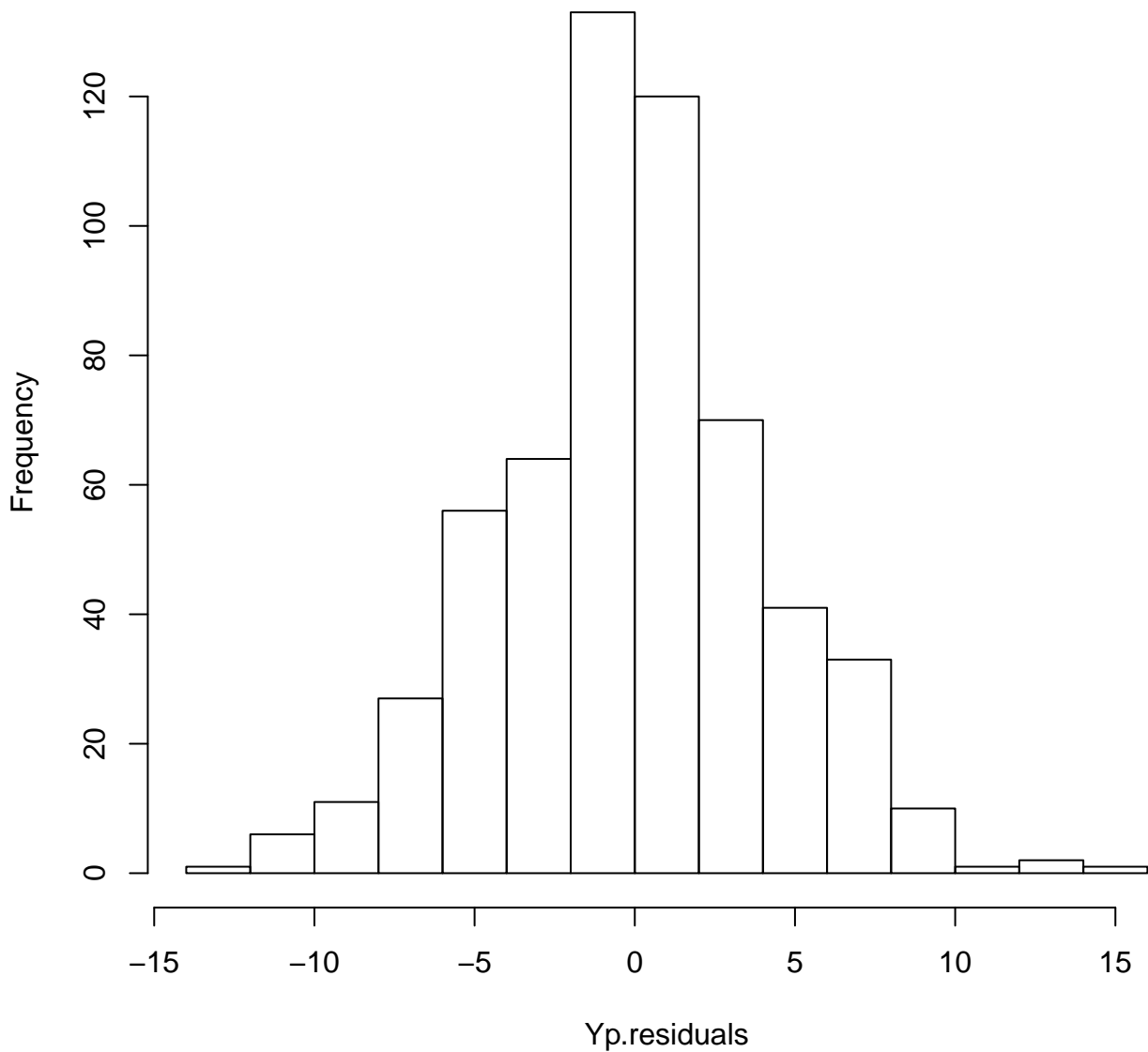


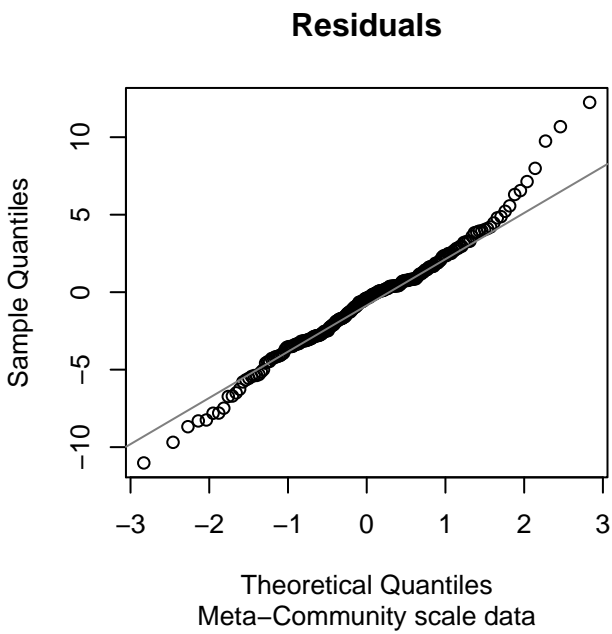
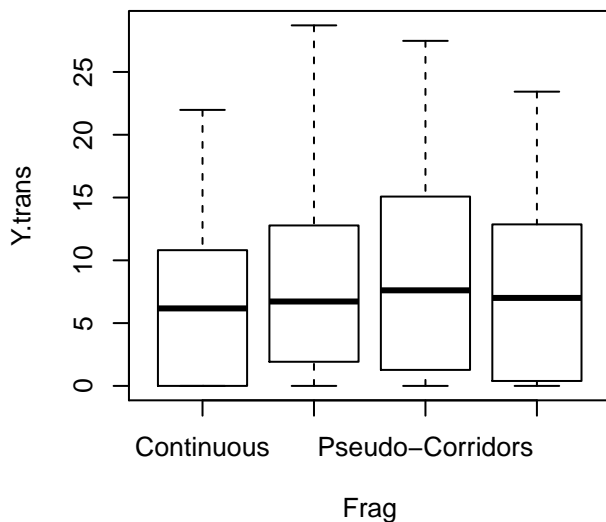
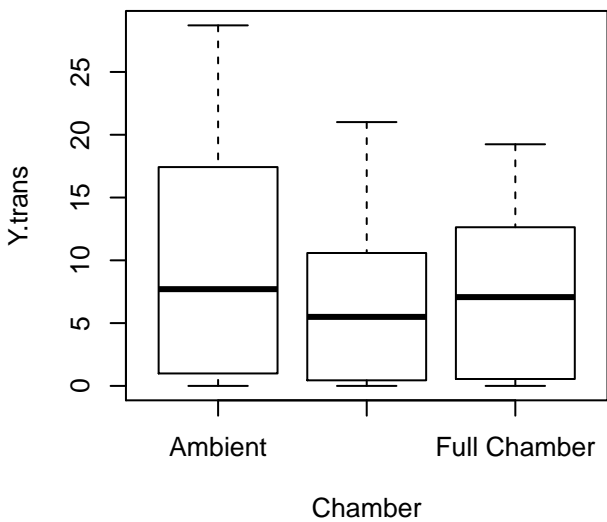
**4th-root-transformed**





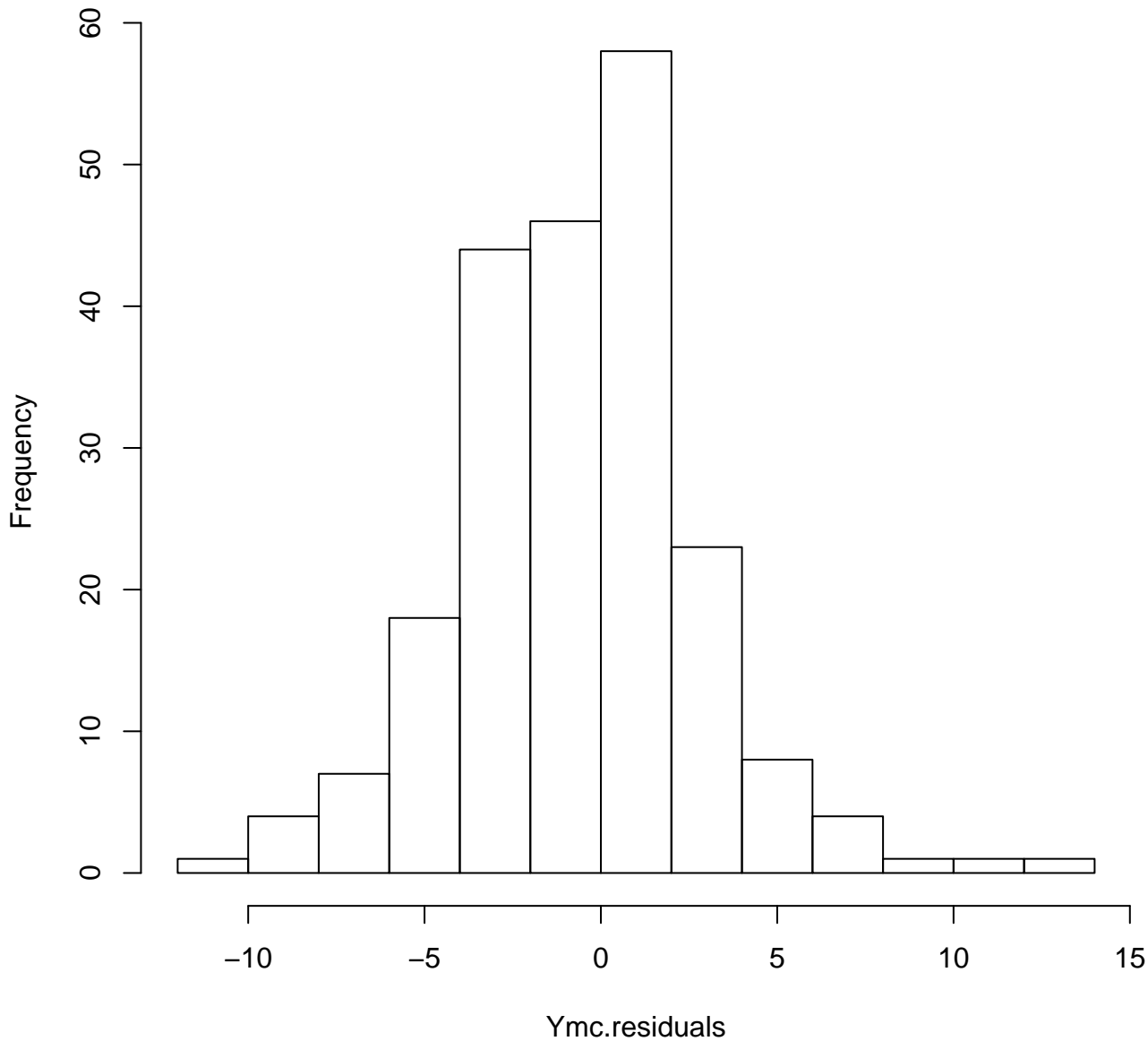
**Histogram of Yp.residuals**

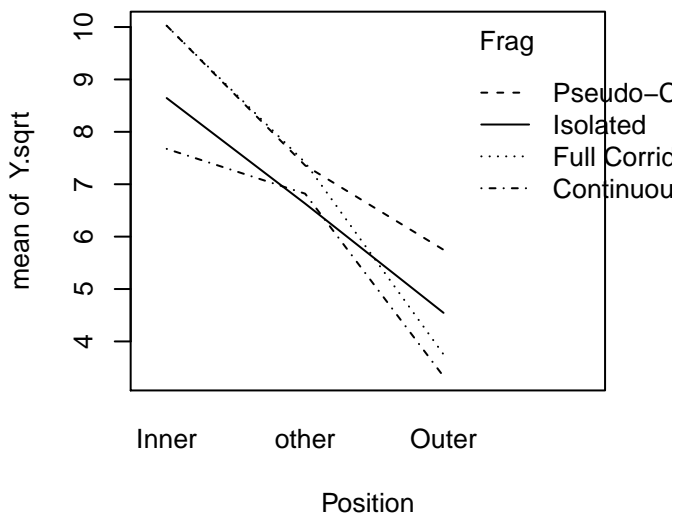
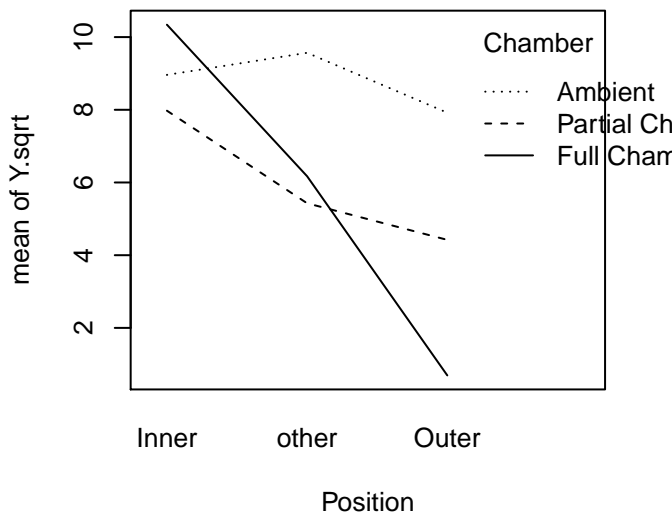
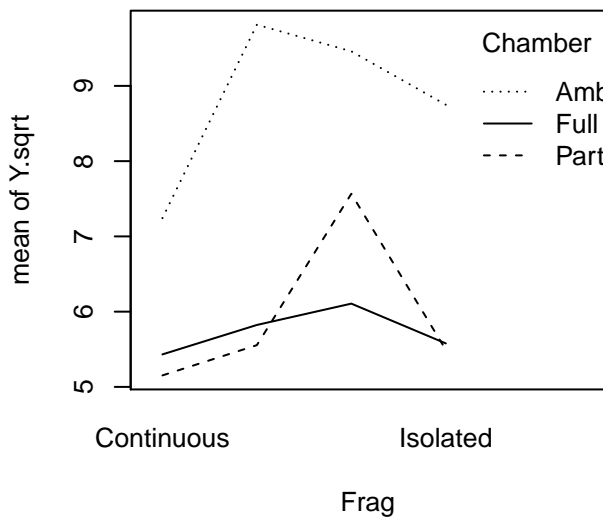


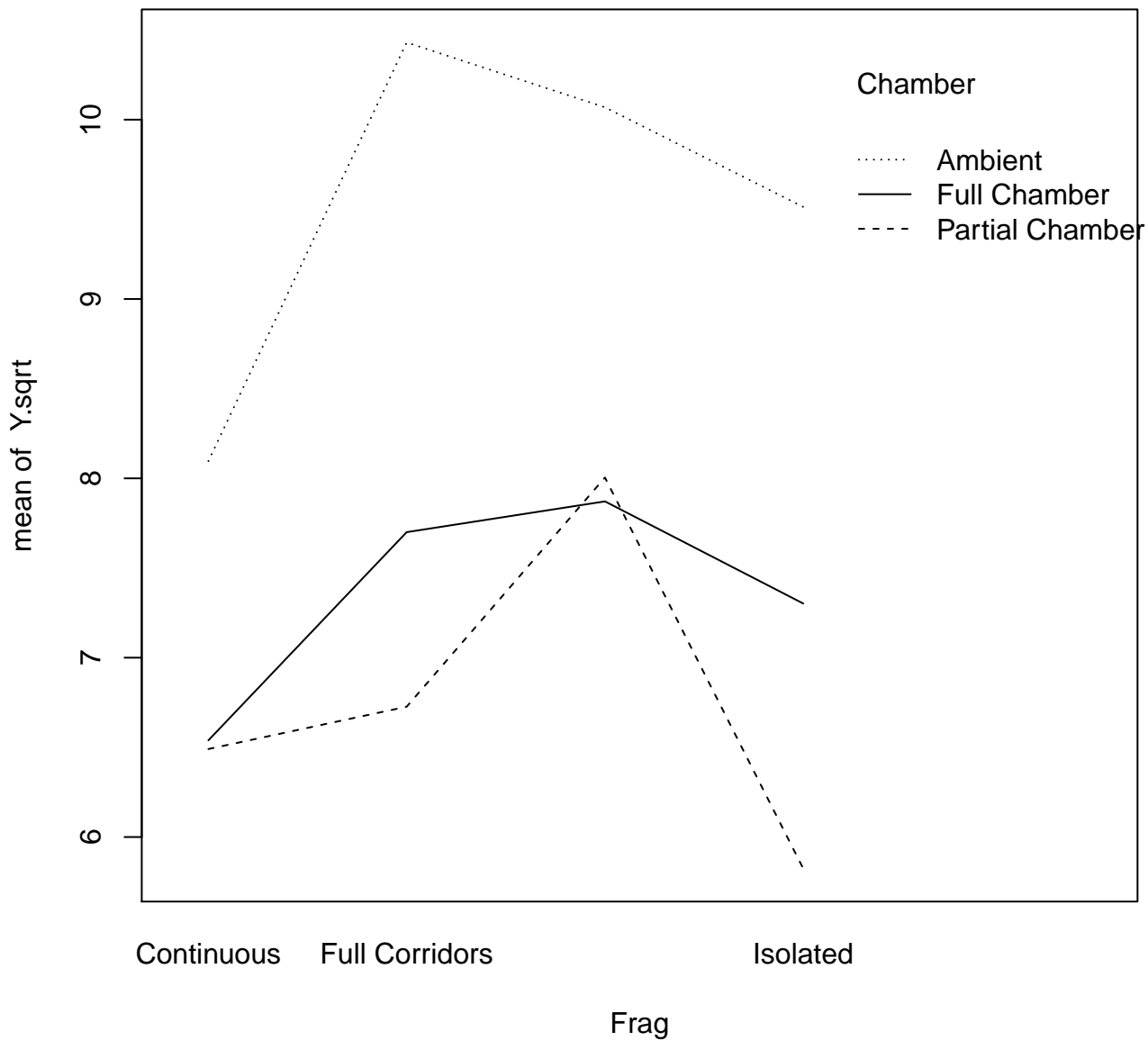




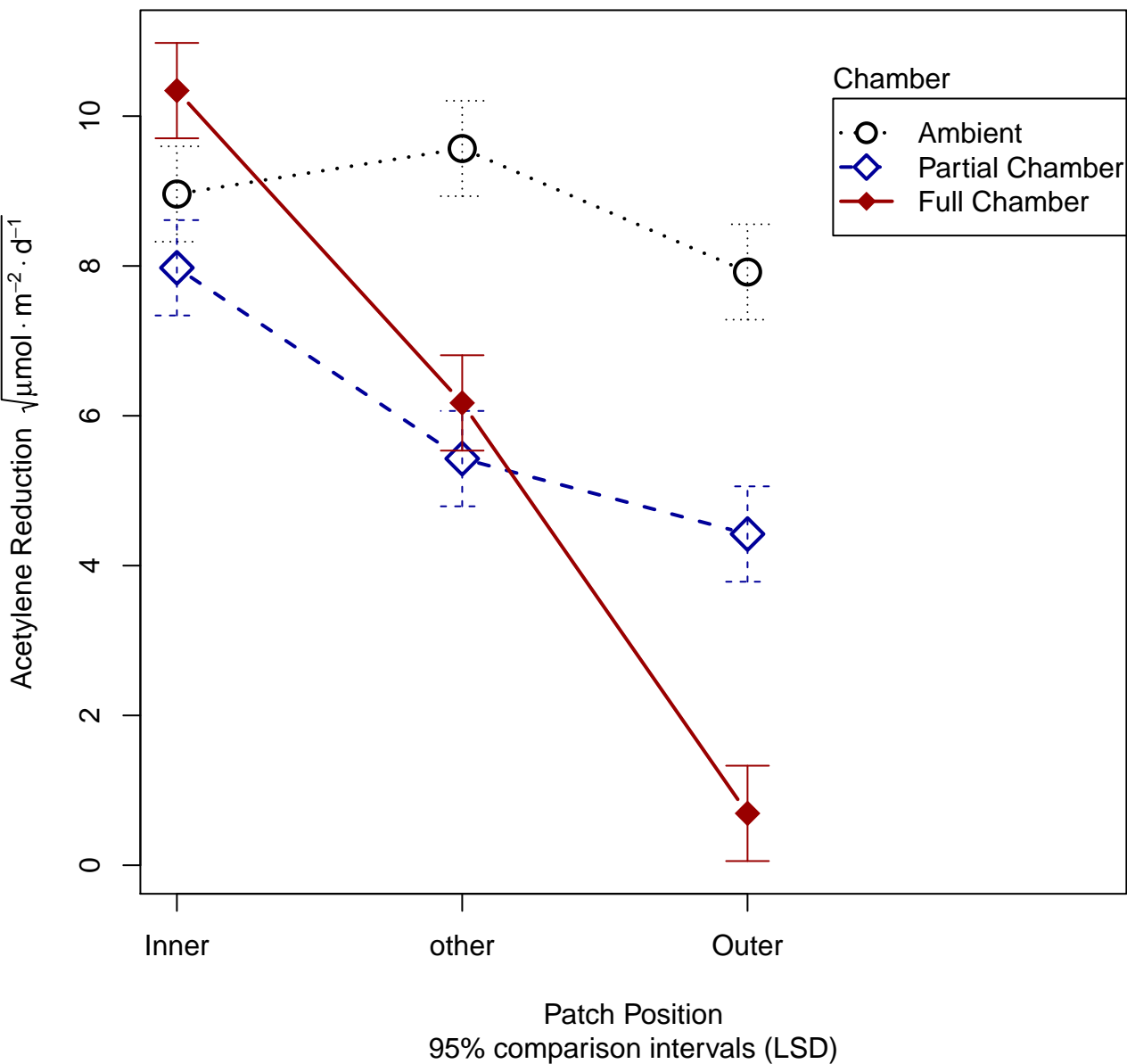
**Histogram of Ymc.residuals**



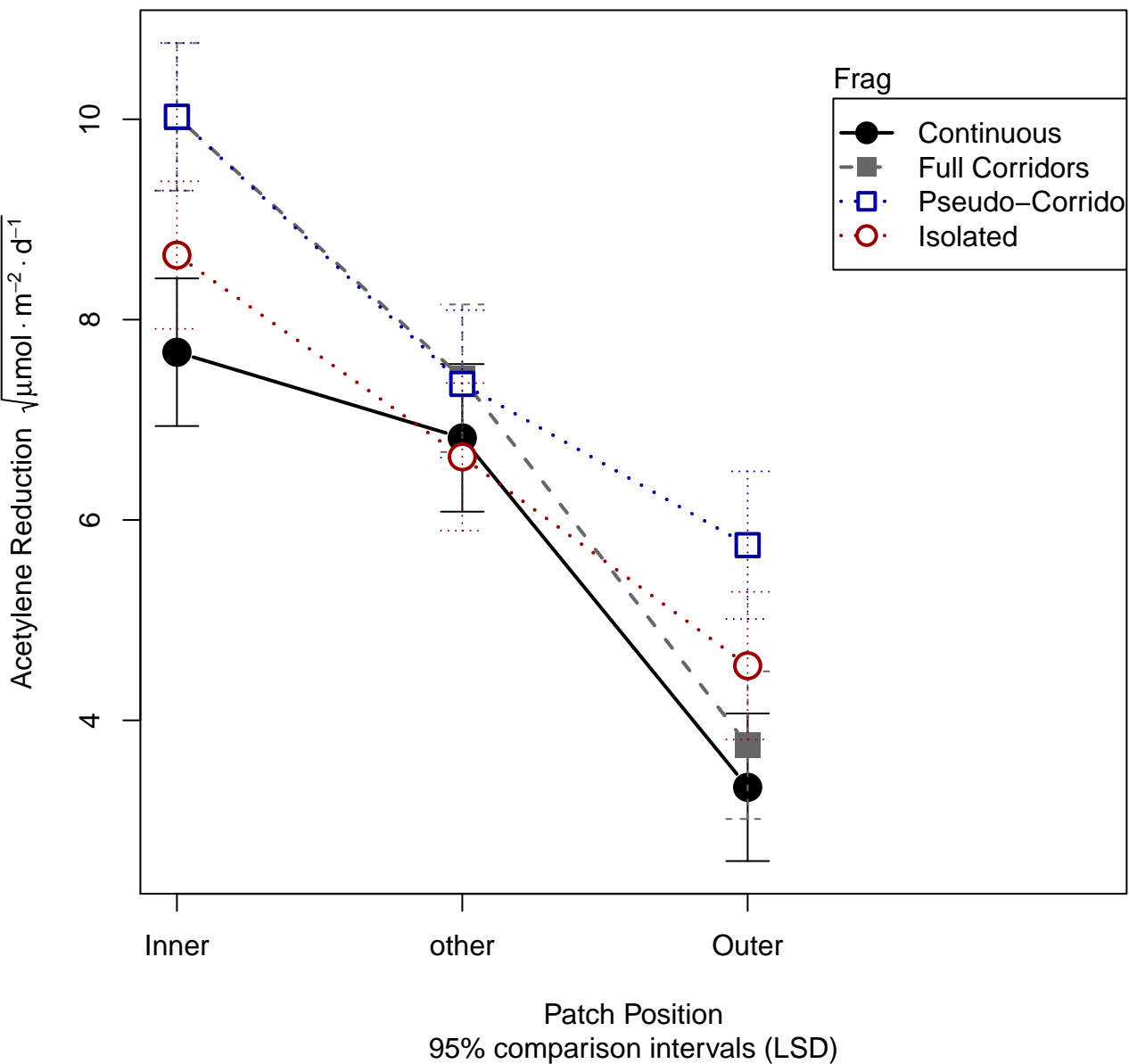




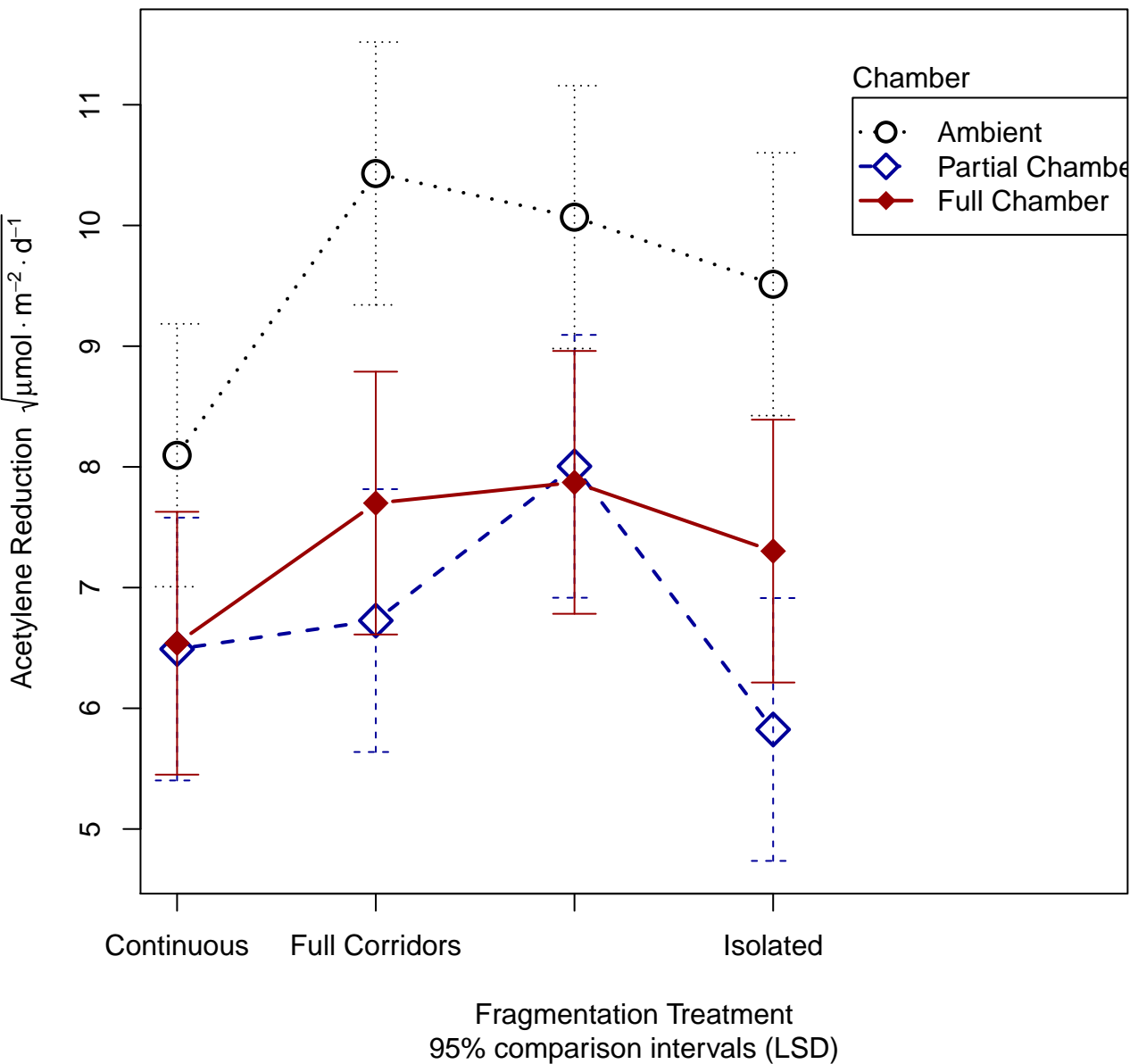
Patch means  $\pm$  95% LSD



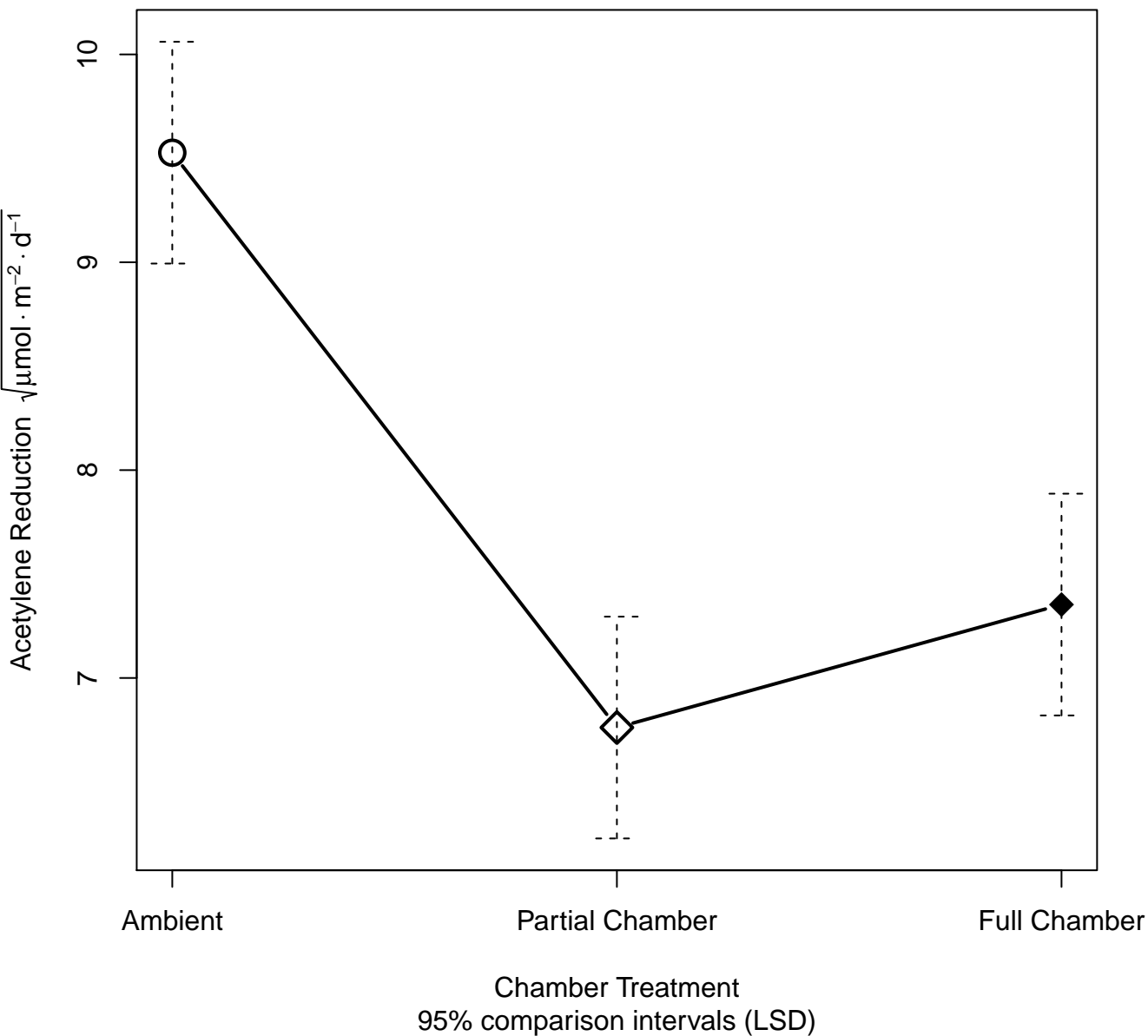
Patch means  $\pm$  95% LSD



# Meta-Community means $\pm$ 95% LSD



Meta-Community means  $\pm$  95% LSD



Meta-Community means  $\pm$  95% LSD

