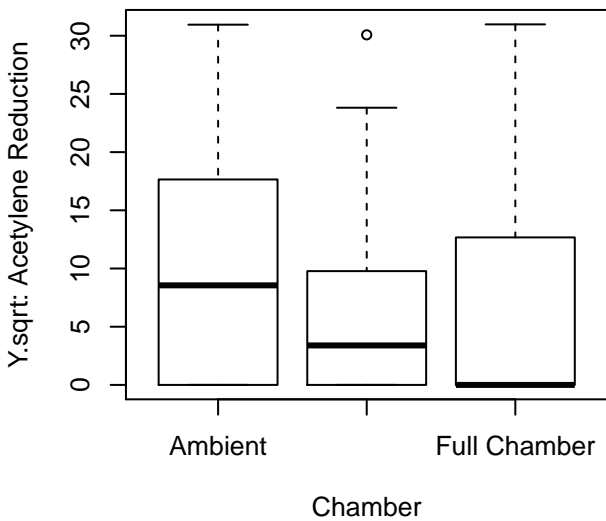
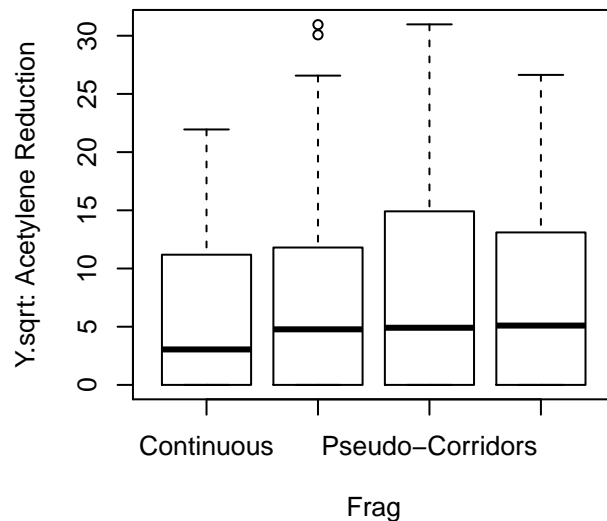


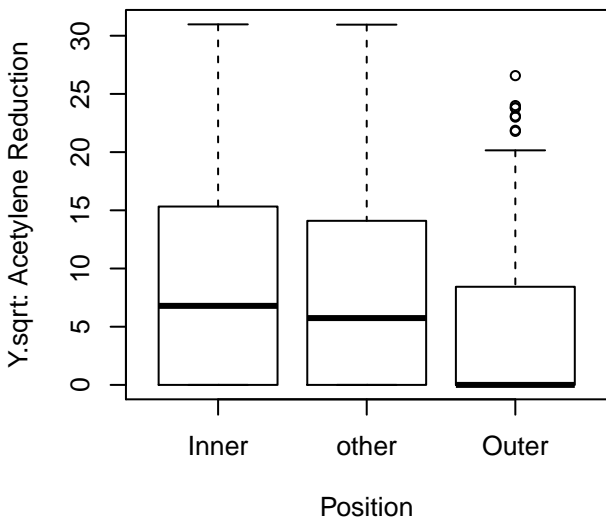
**Patch scale data**



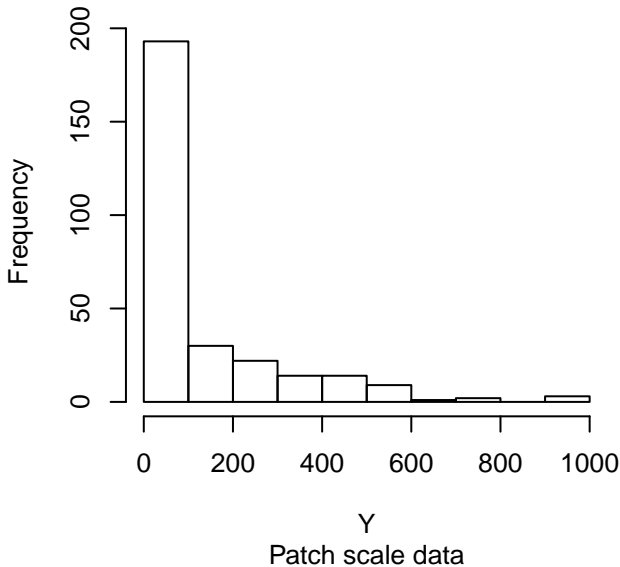
**Patch scale data**



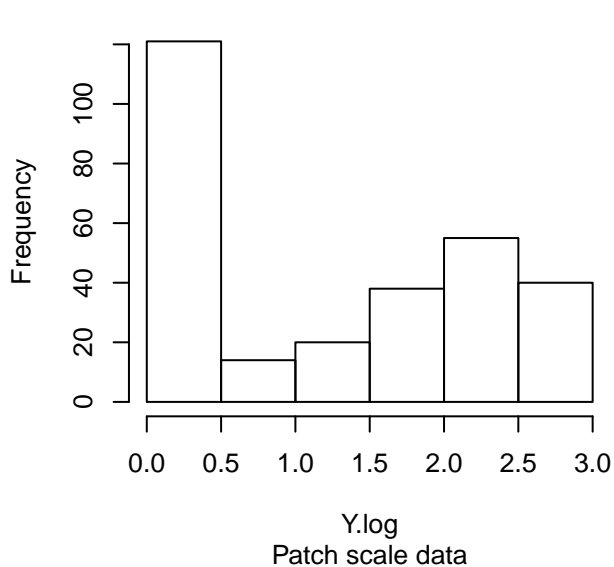
**Patch scale data**



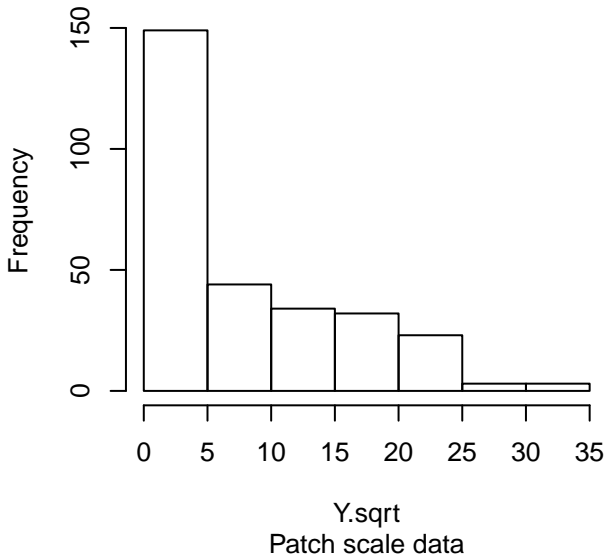
**Histogram of Y**



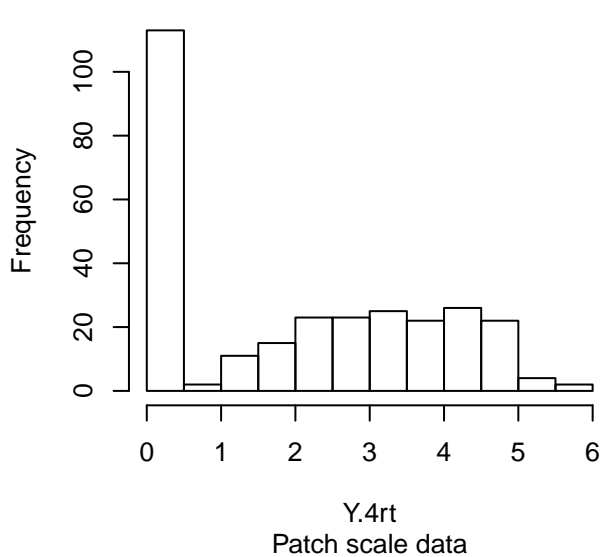
**Histogram of Y.log**



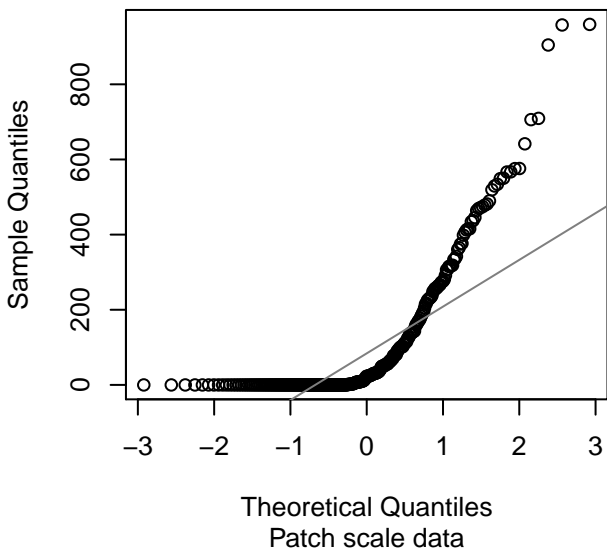
**Histogram of Y.sqrt**



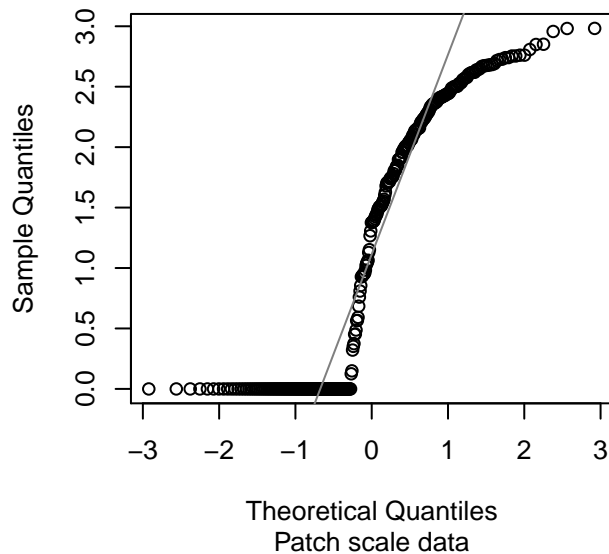
**Histogram of Y.4rt**



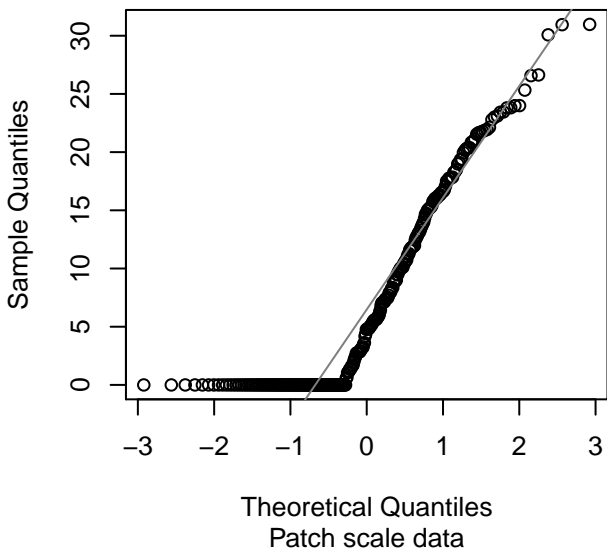
**untransformed**



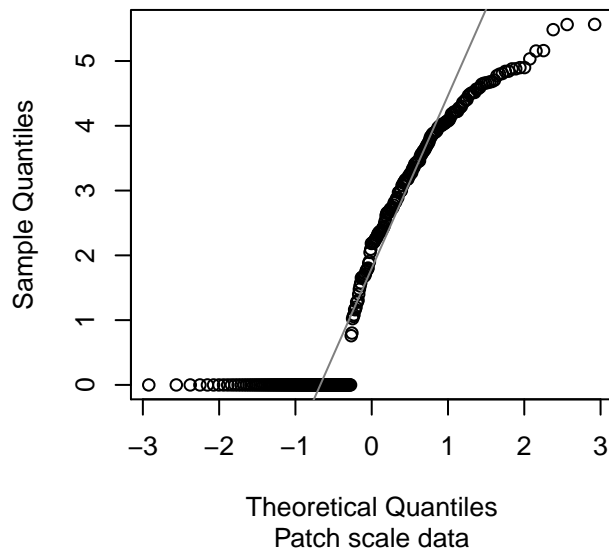
**log10-transformed**



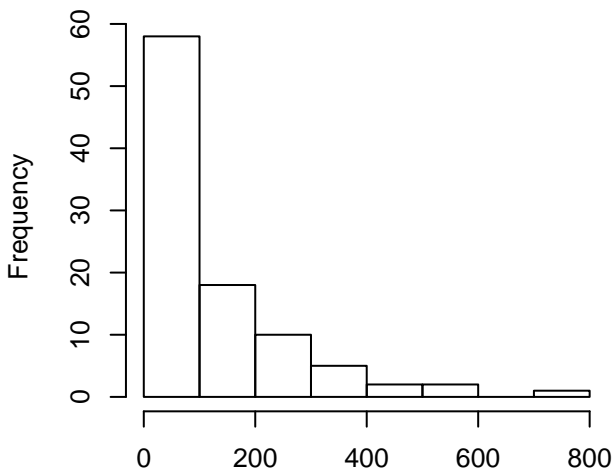
**sqrt-transformed**



**4th-root-transformed**

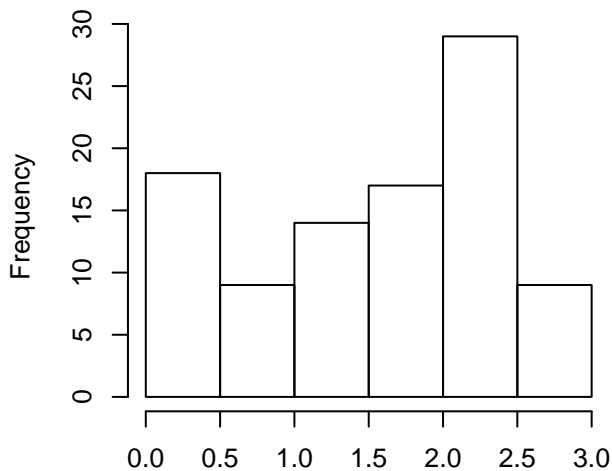


### Histogram of Y



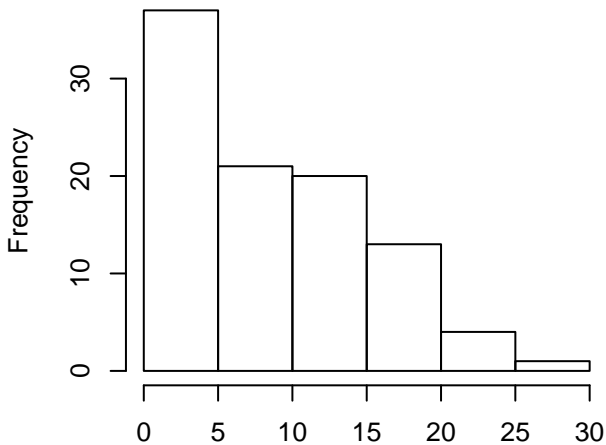
Y  
Meta-Community scale data

### Histogram of Y.log



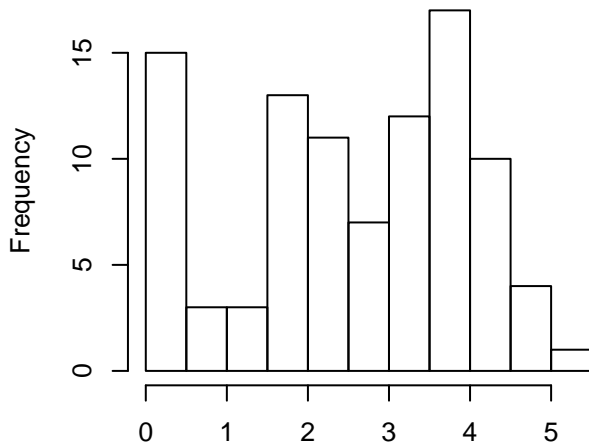
Y.log  
Meta-Community scale data

### Histogram of Y.sqrt



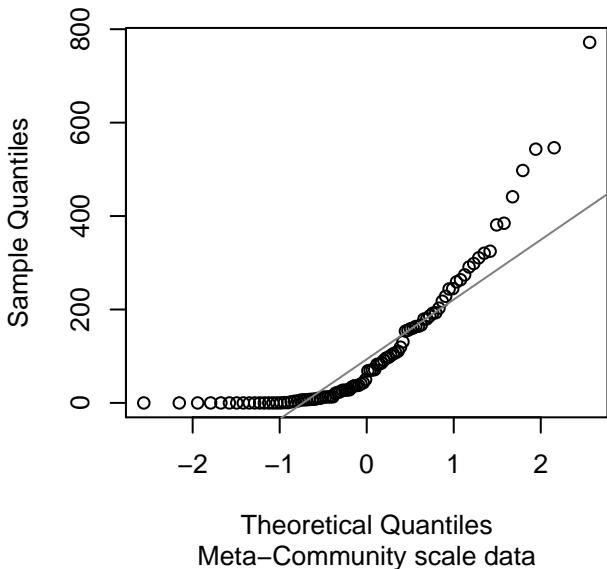
Y.sqrt  
Meta-Community scale data

### Histogram of Y.4rt

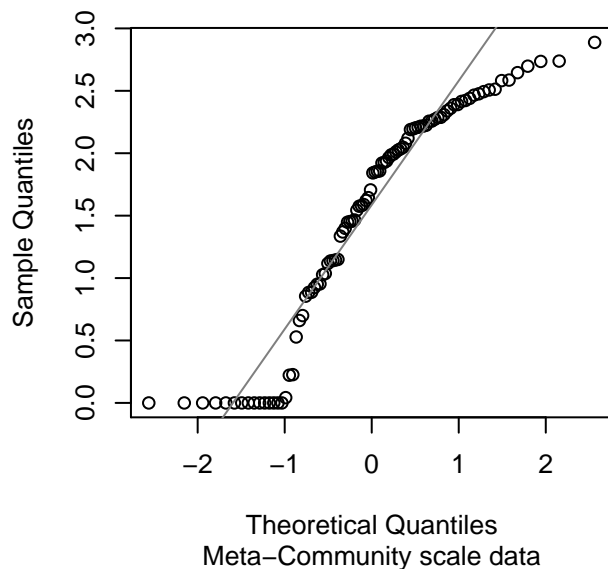


Y.4rt  
Meta-Community scale data

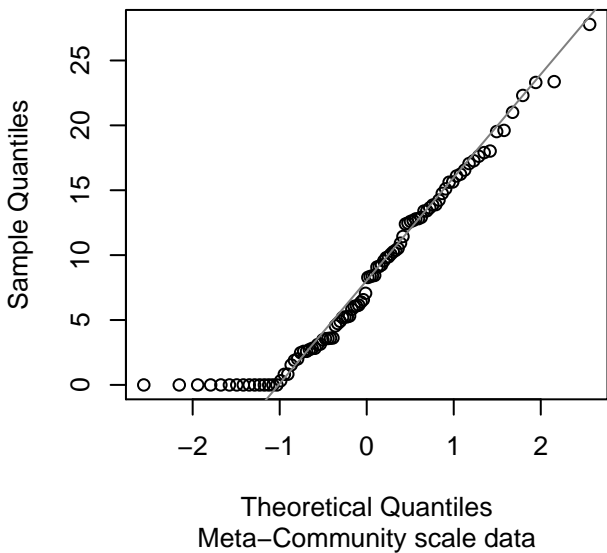
**untransformed**



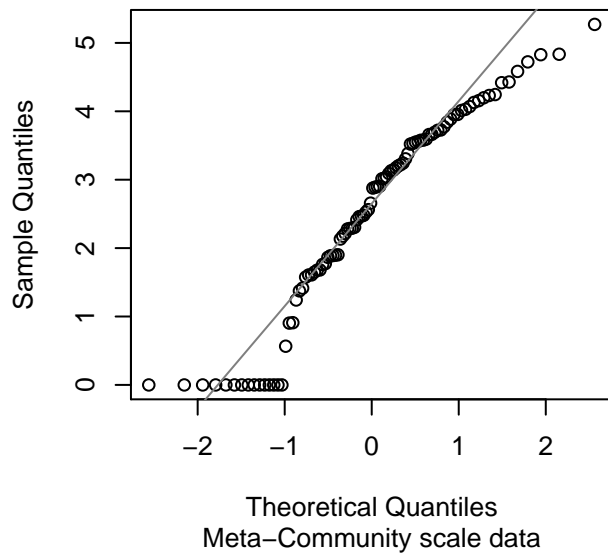
**log10-transformed**



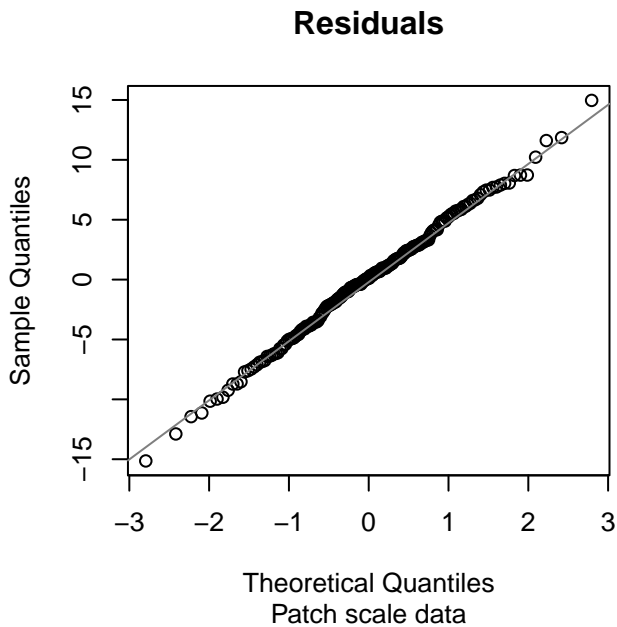
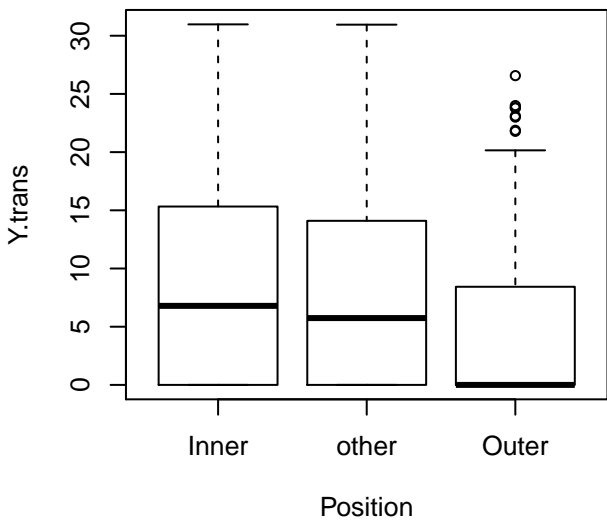
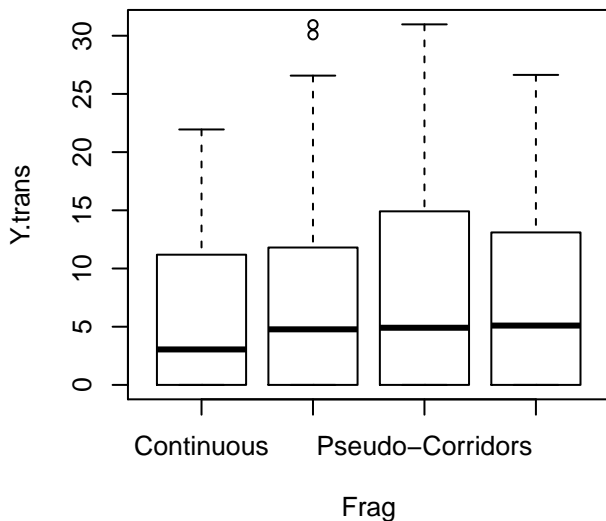
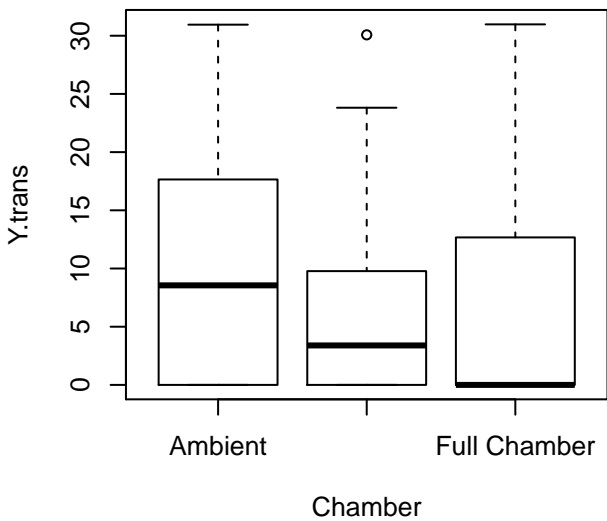
**sqrt-transformed**



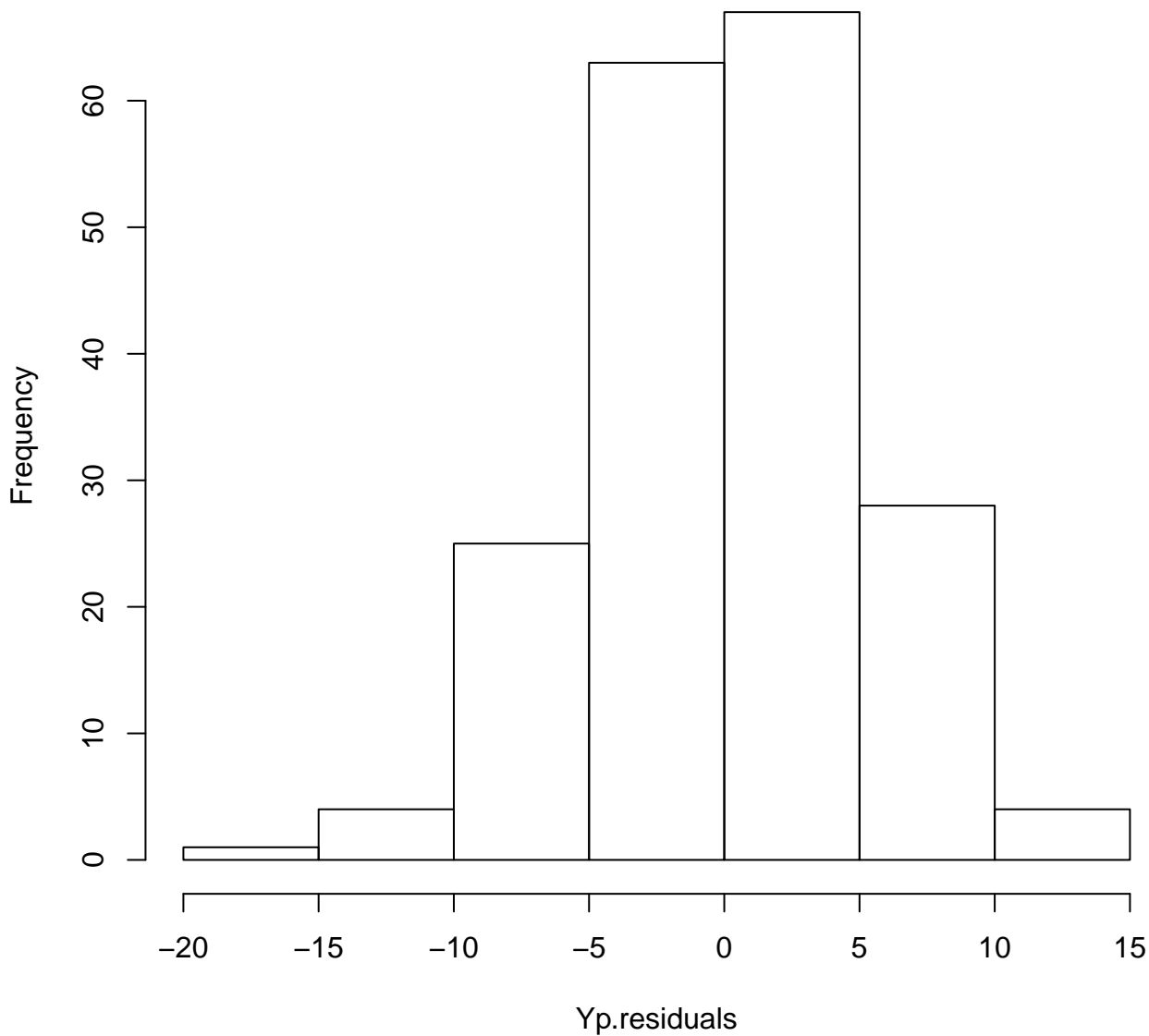
**4th-root-transformed**





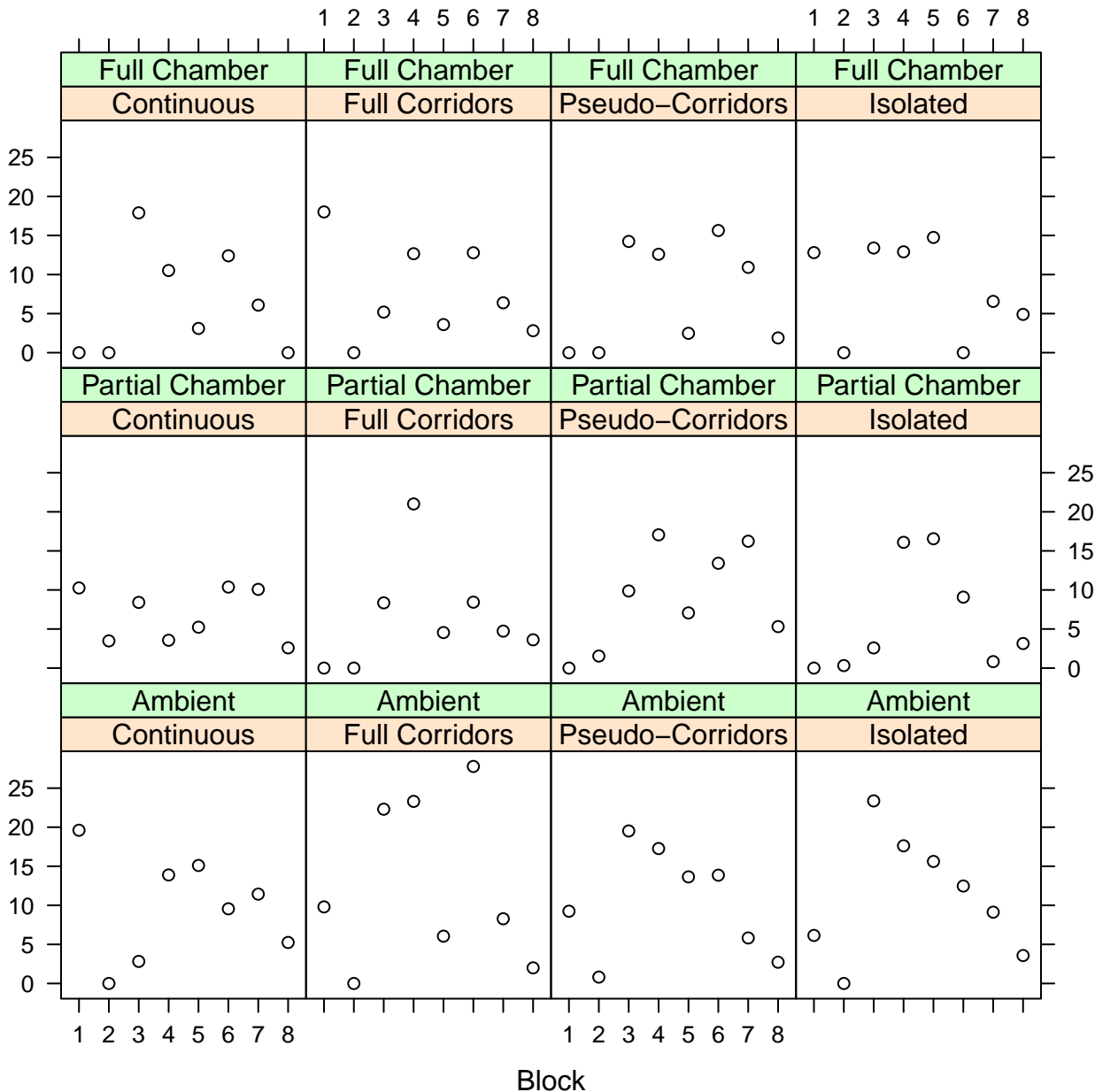


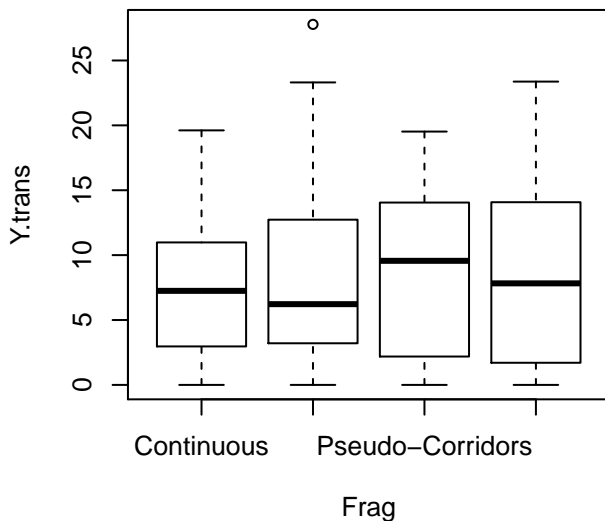
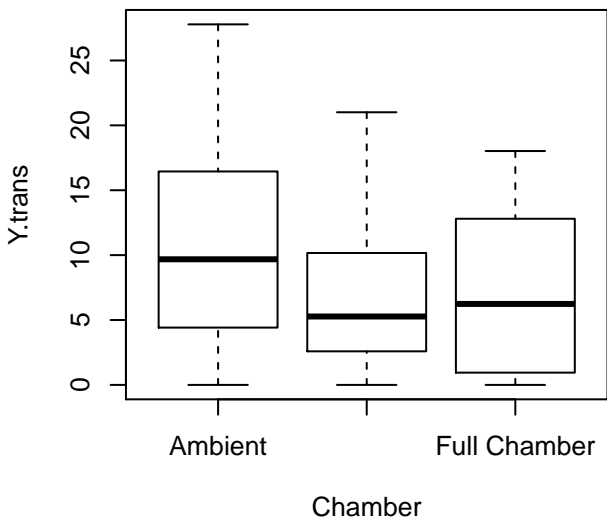
**Histogram of Yp.residuals**



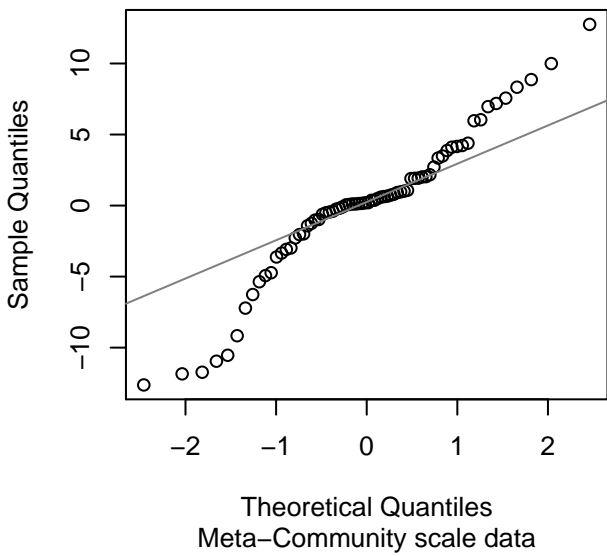


# Meta-Community scale data

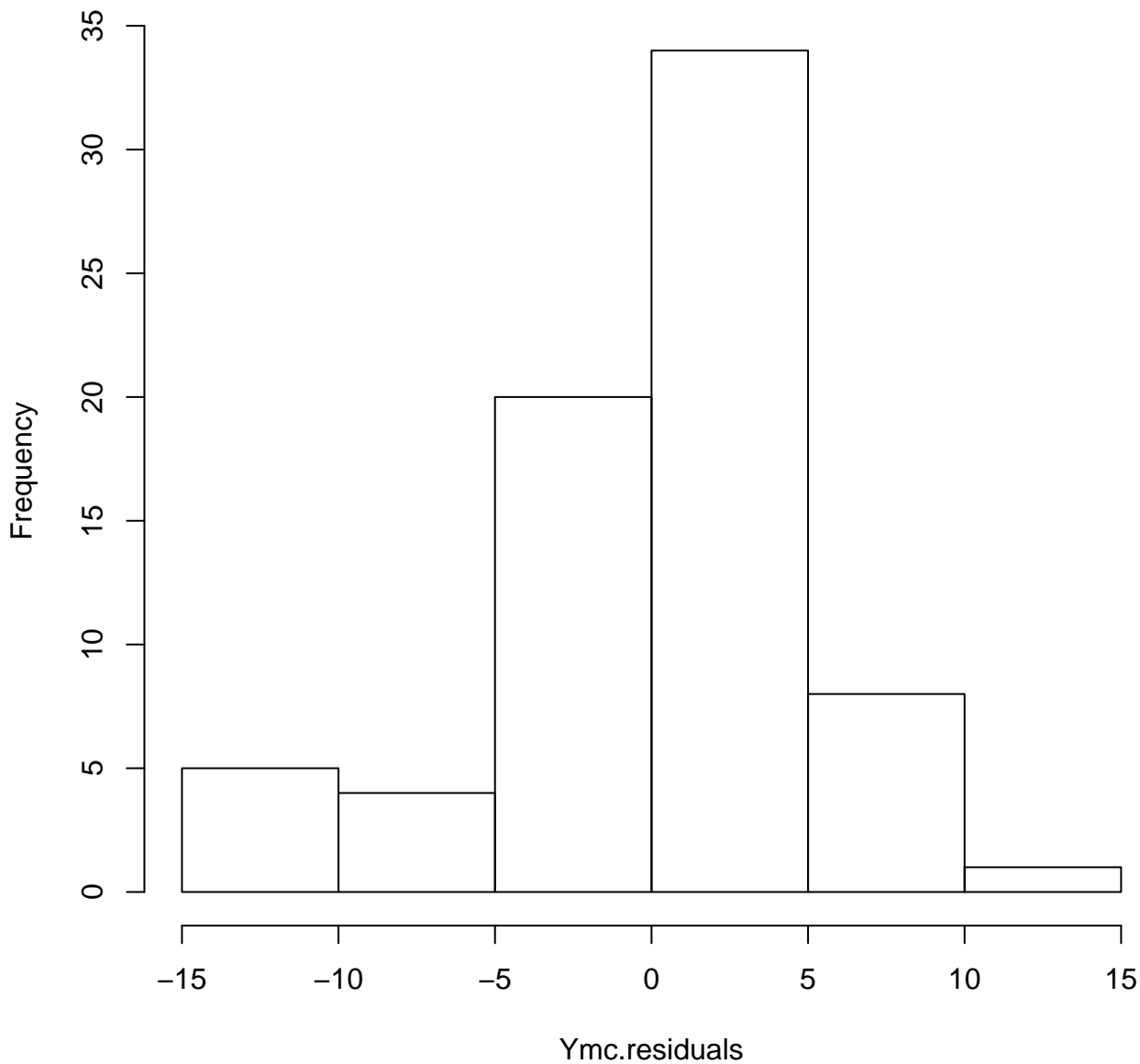


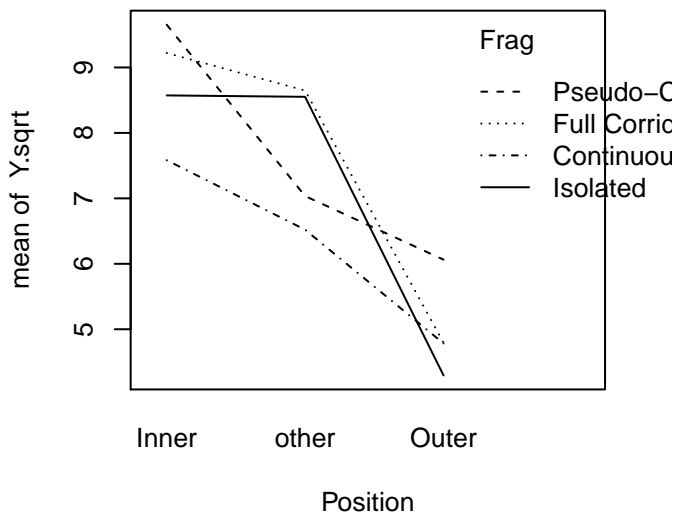
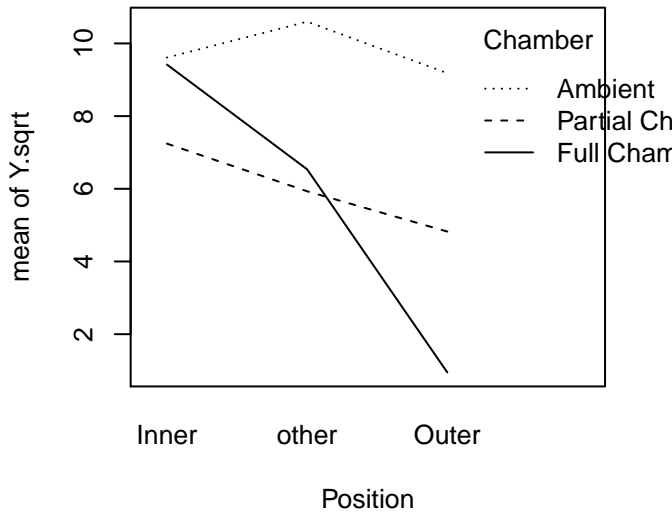
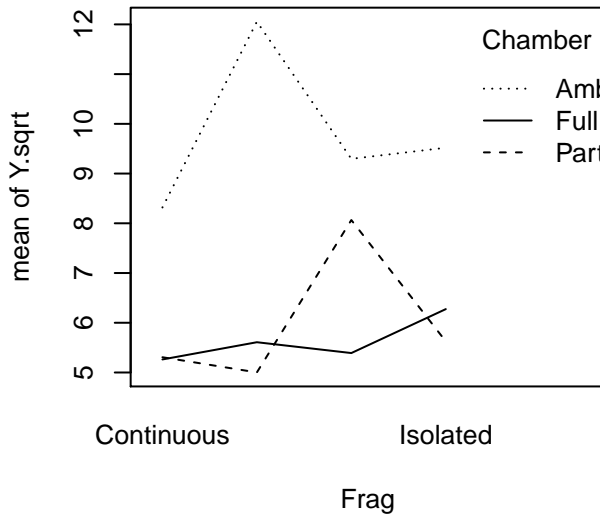


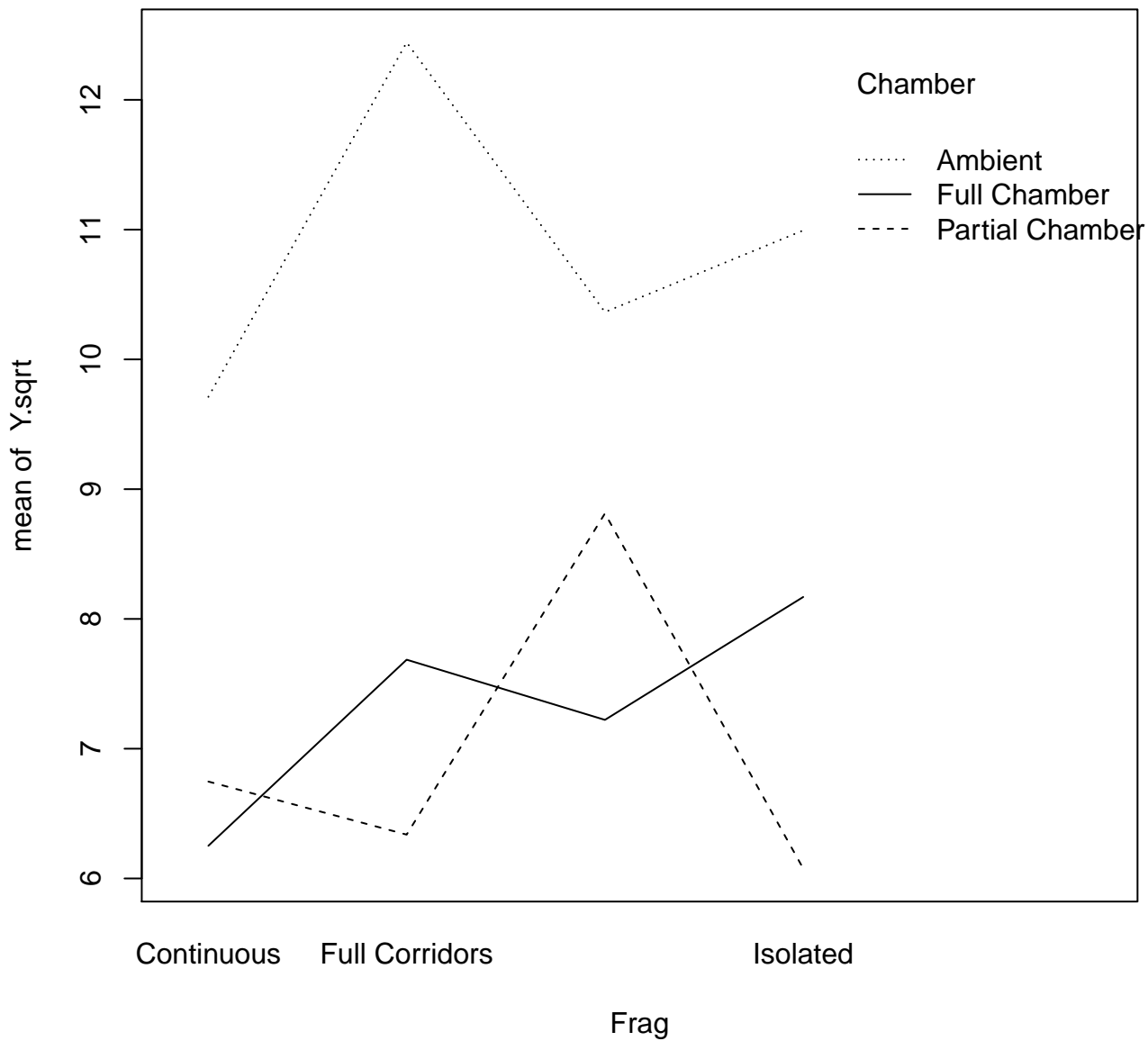
### Residuals



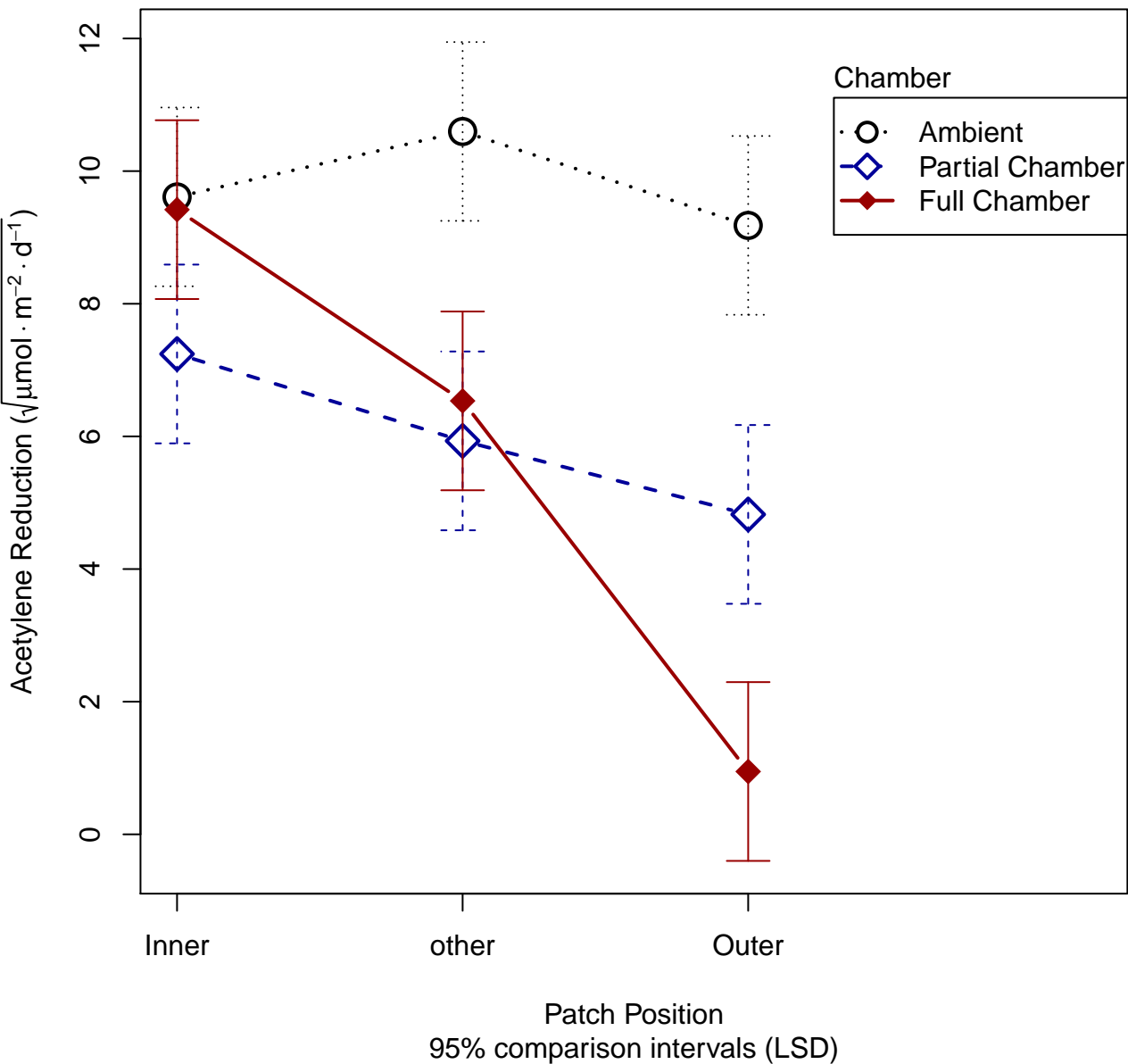
**Histogram of Ymc.residuals**



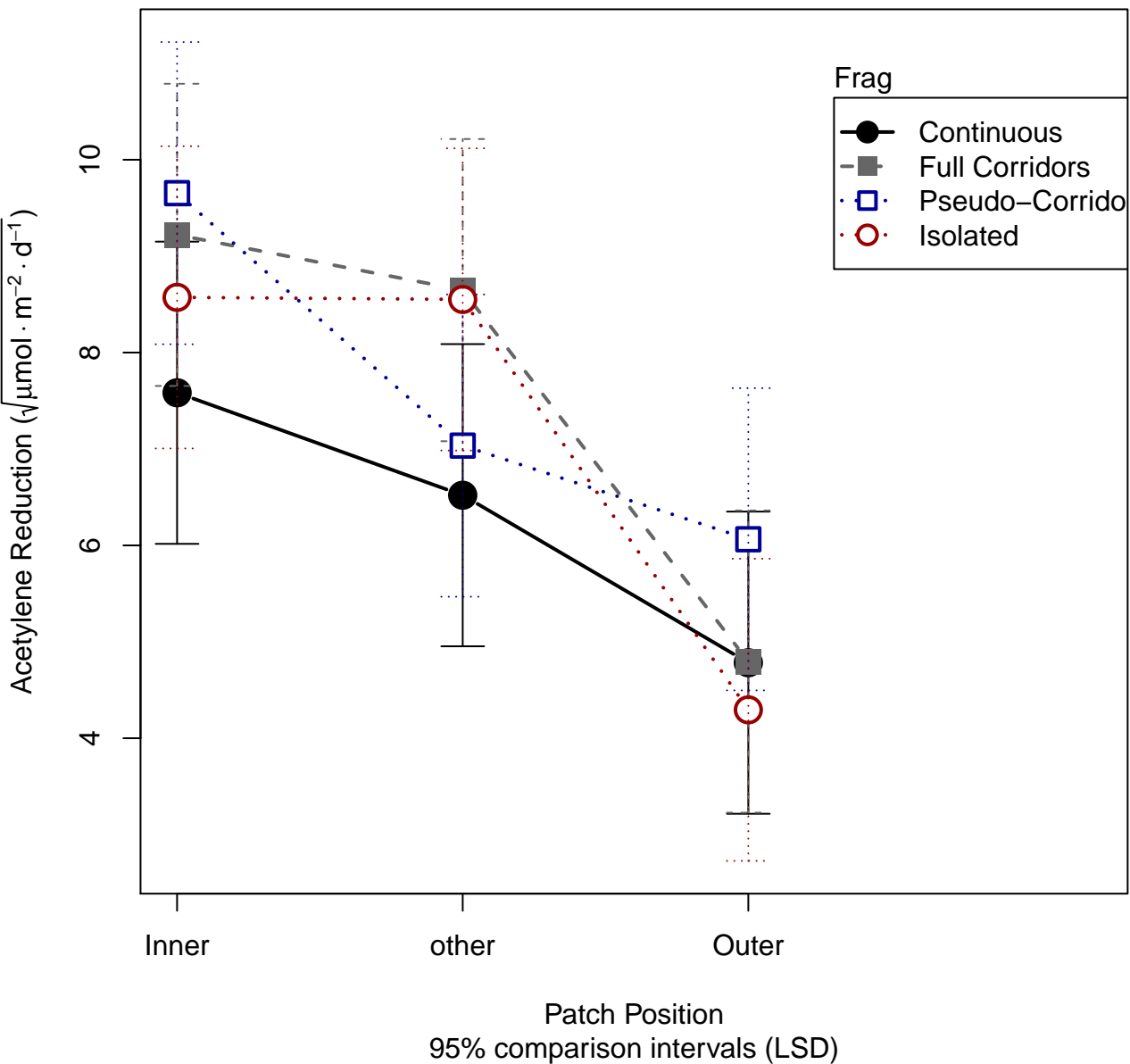




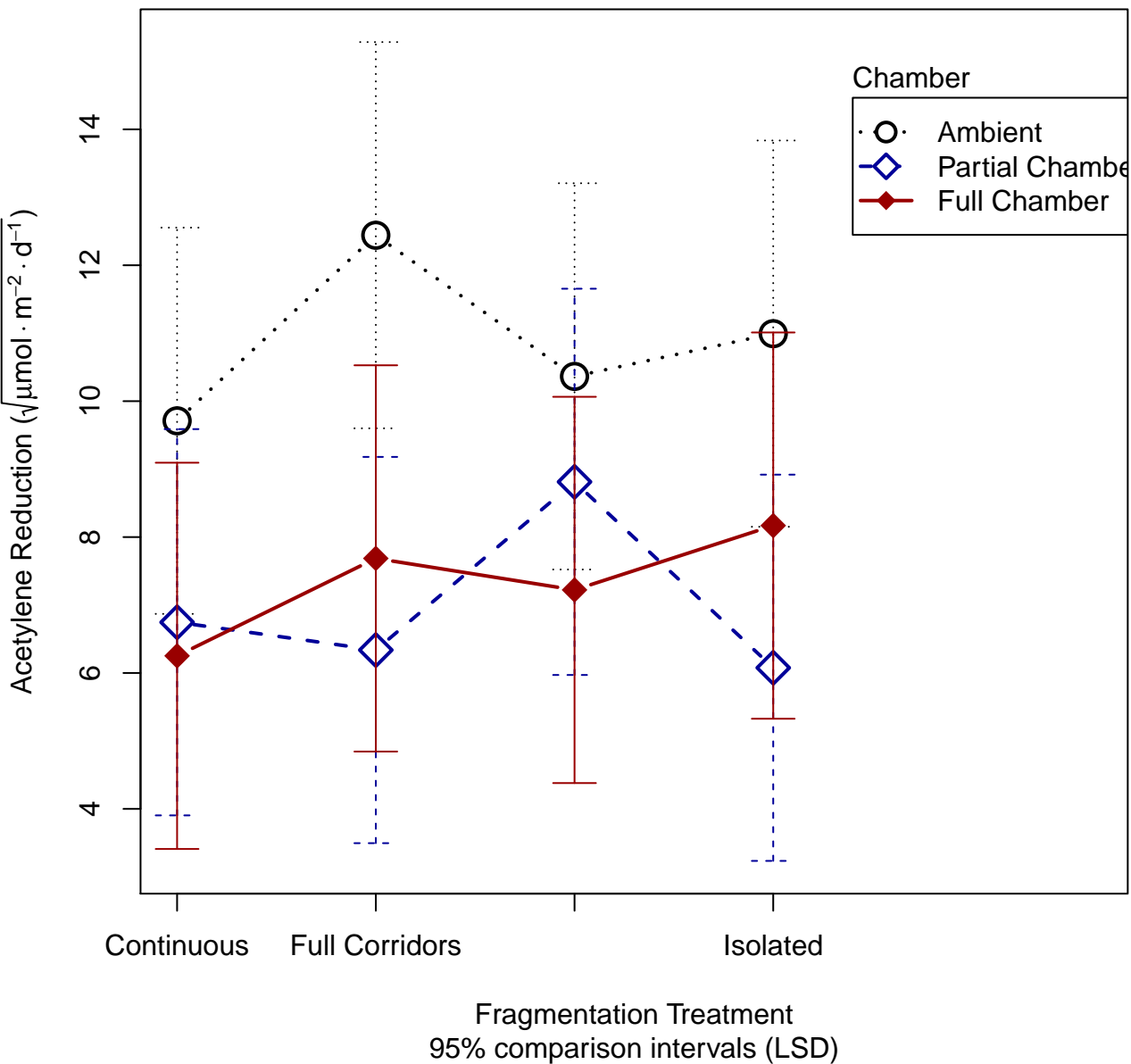
2008-08: Patch means  $\pm$  95% LSD



2008-08: Patch means  $\pm$  95% LSD

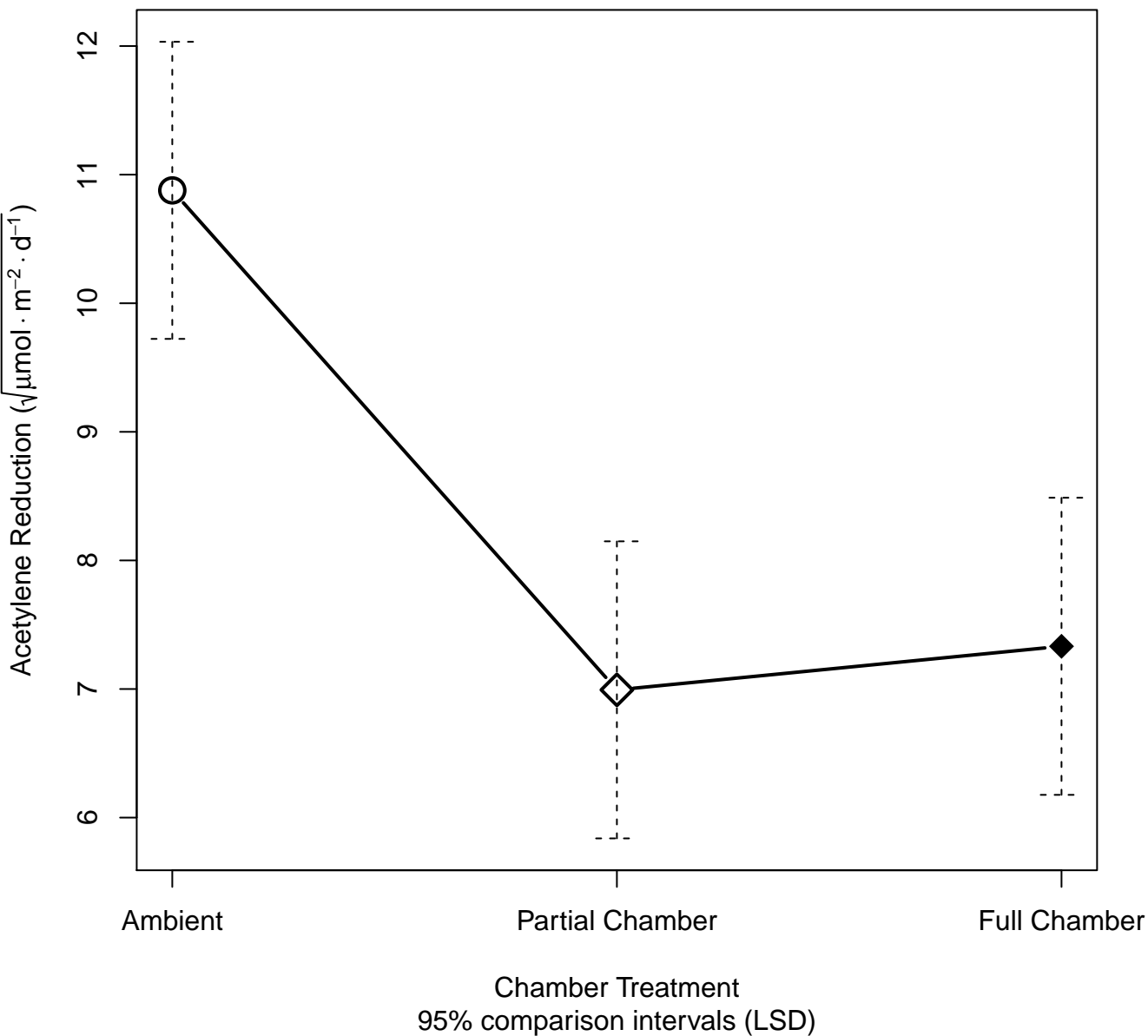


# 2008-08: Meta-Community means $\pm$ 95% LSD





2008-08: Meta-Community means  $\pm$  95% LSD



2008–08: Meta-Community means  $\pm$  95% LSD

