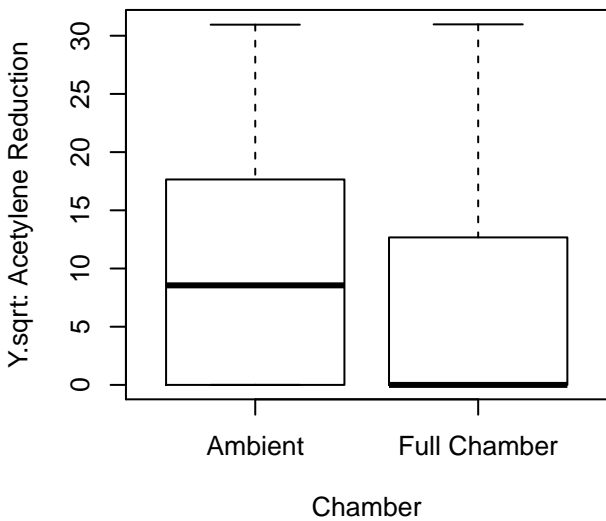
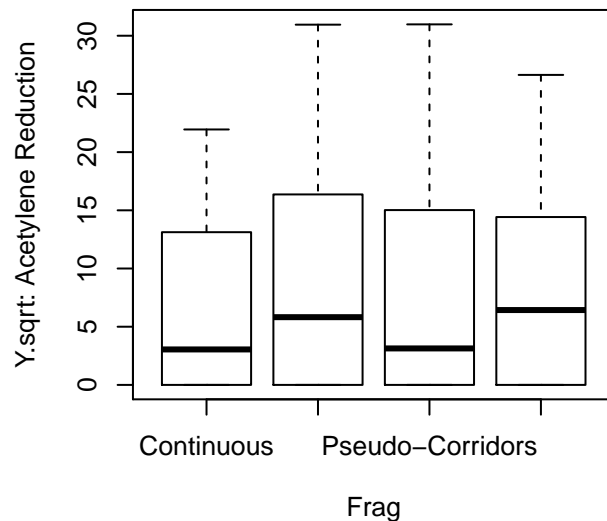


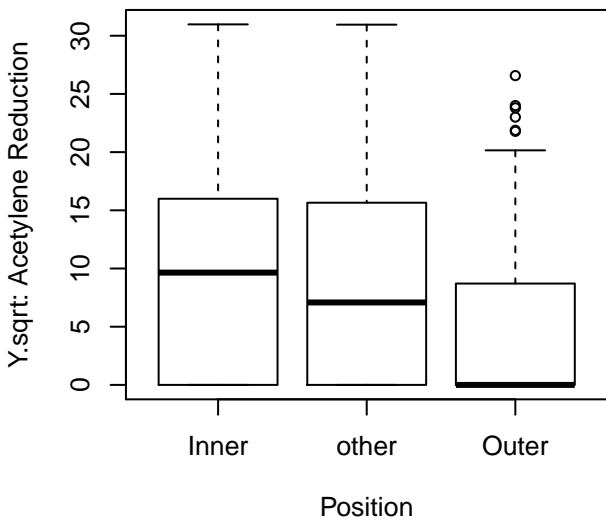
**Patch scale data**



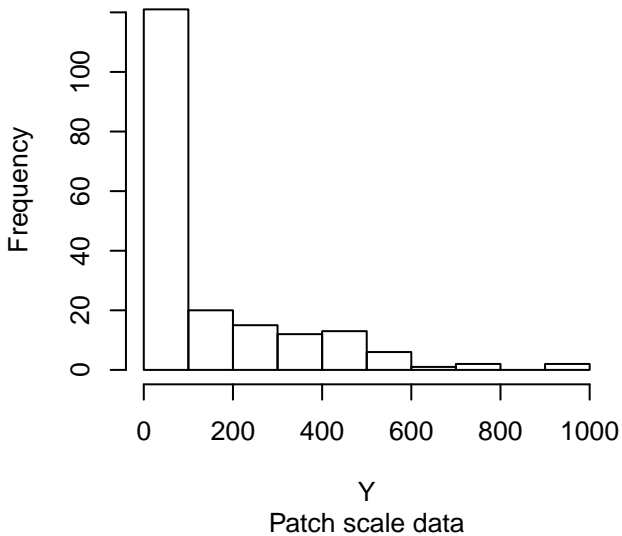
**Patch scale data**



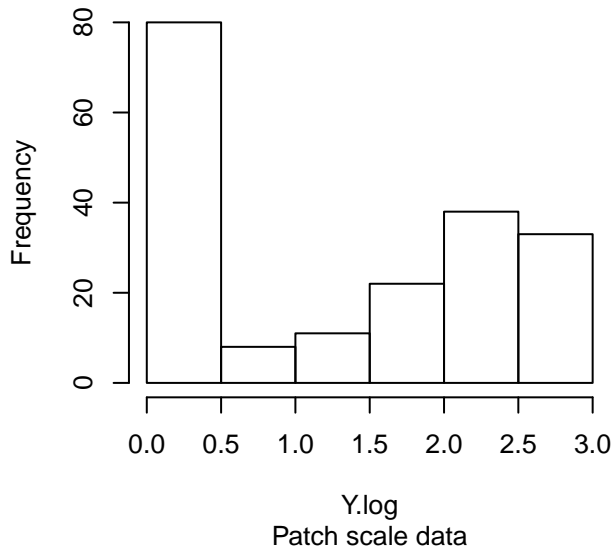
**Patch scale data**



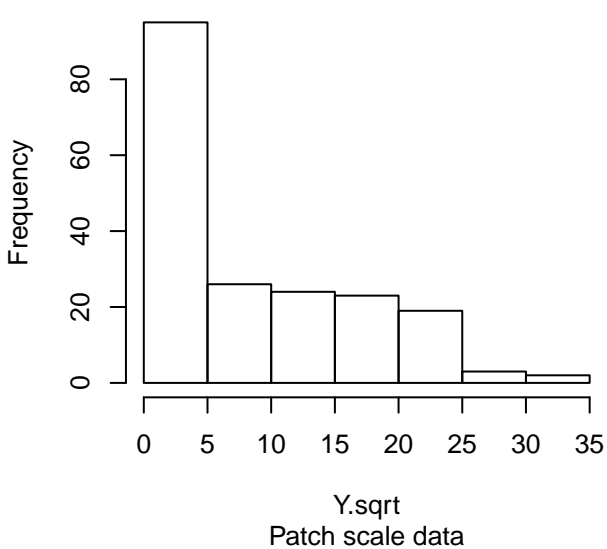
### Histogram of Y



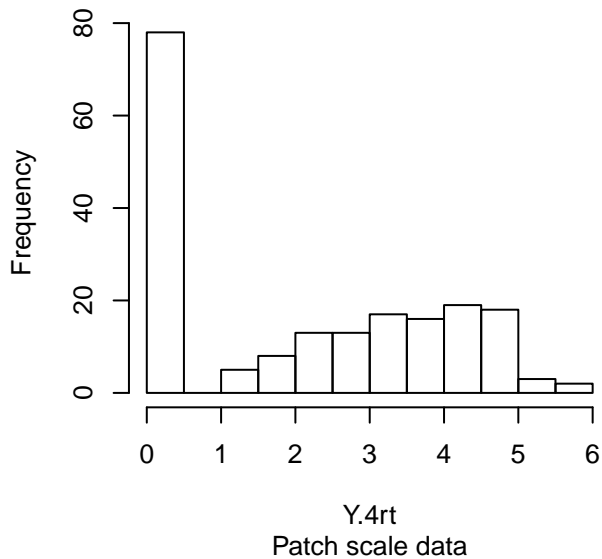
### Histogram of Y.log



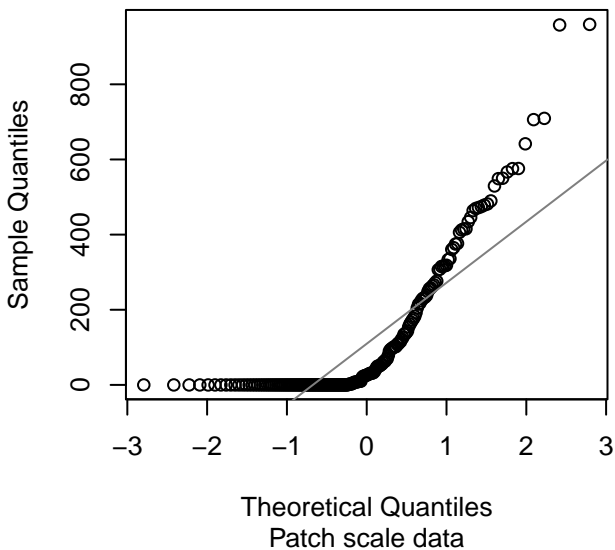
### Histogram of Y.sqrt



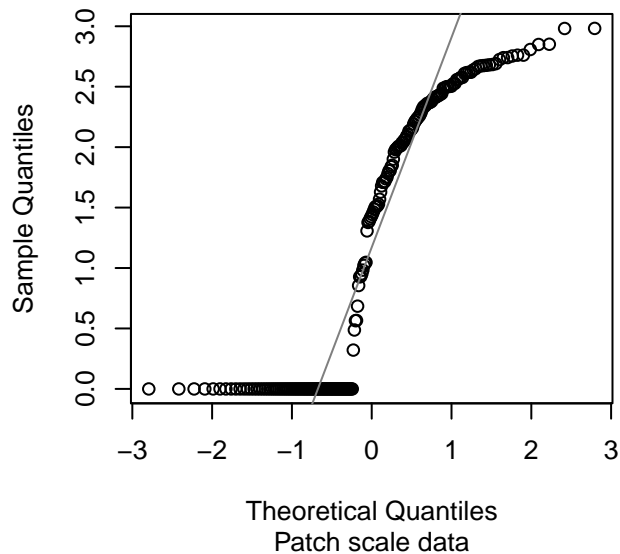
### Histogram of Y.4rt



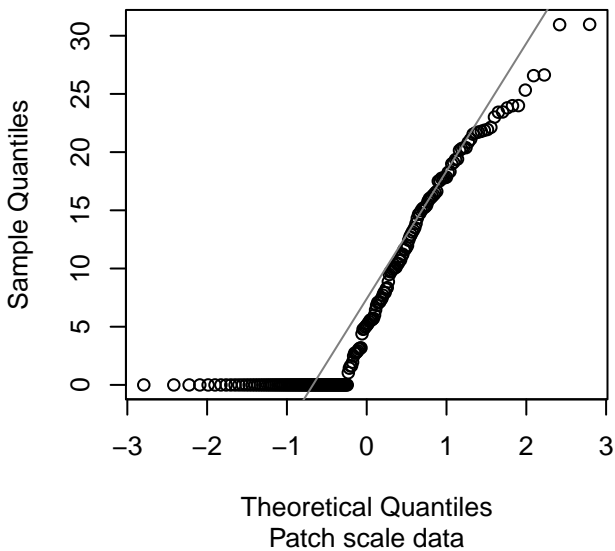
**untransformed**



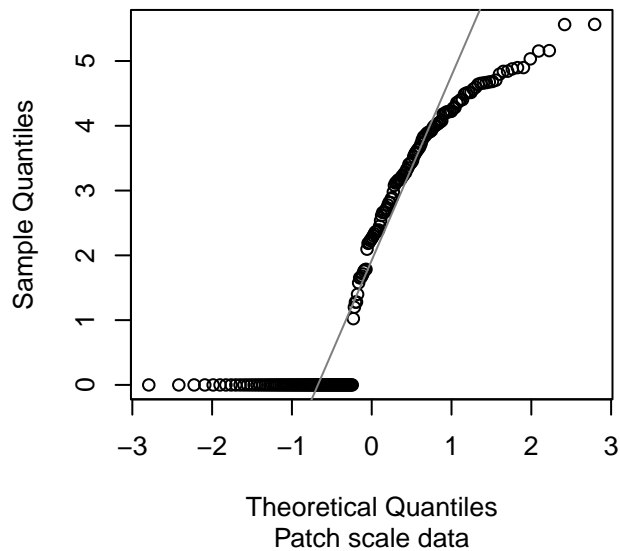
**log10-transformed**



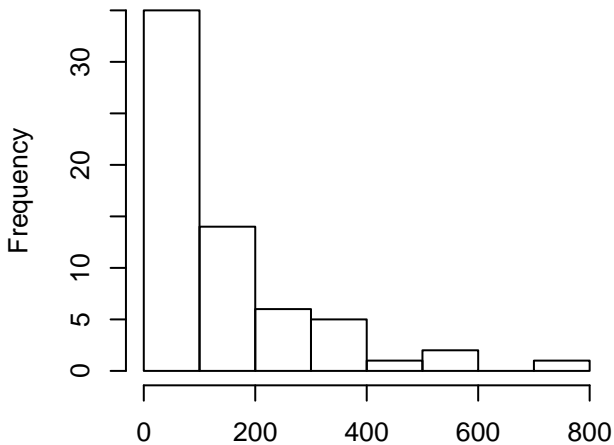
**sqrt-transformed**



**4th-root-transformed**

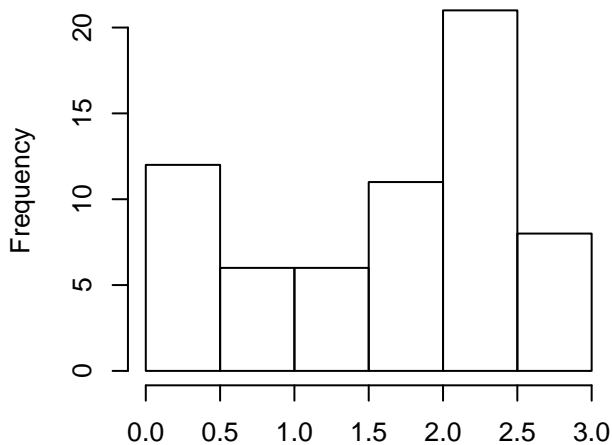


### Histogram of Y



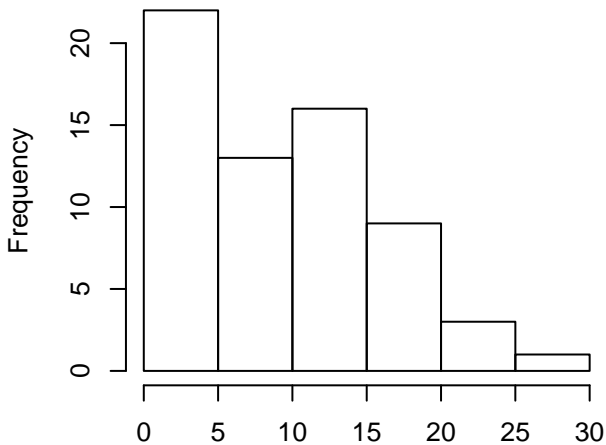
Meta-Community scale data

### Histogram of Y.log



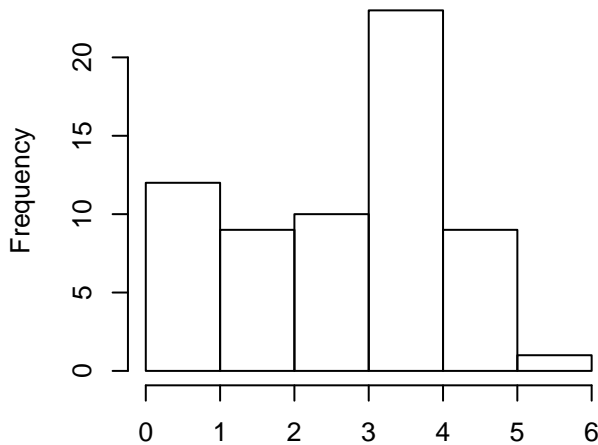
Meta-Community scale data

### Histogram of Y.sqrt



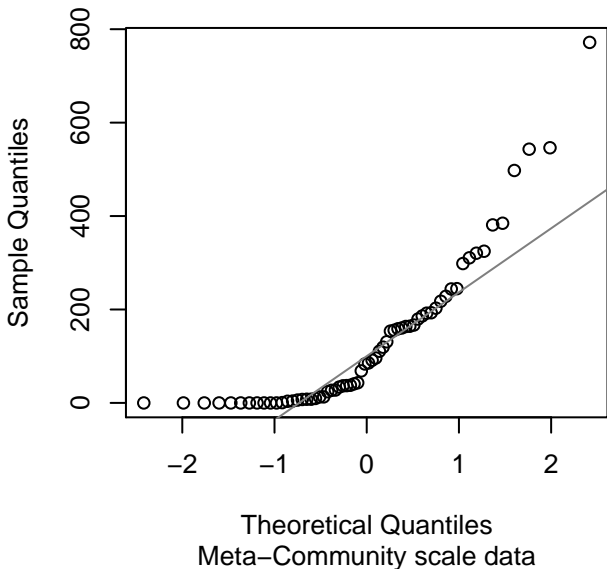
Meta-Community scale data

### Histogram of Y.4rt

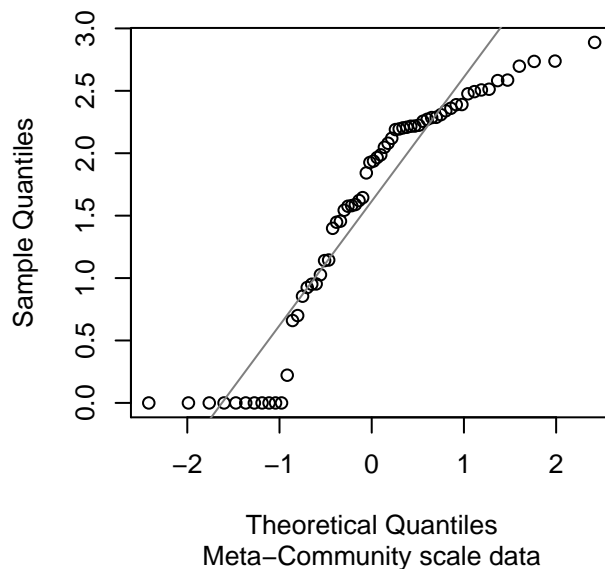


Meta-Community scale data

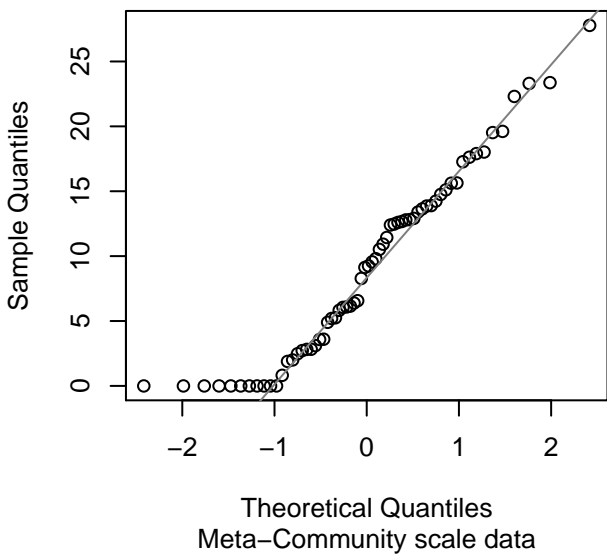
**untransformed**



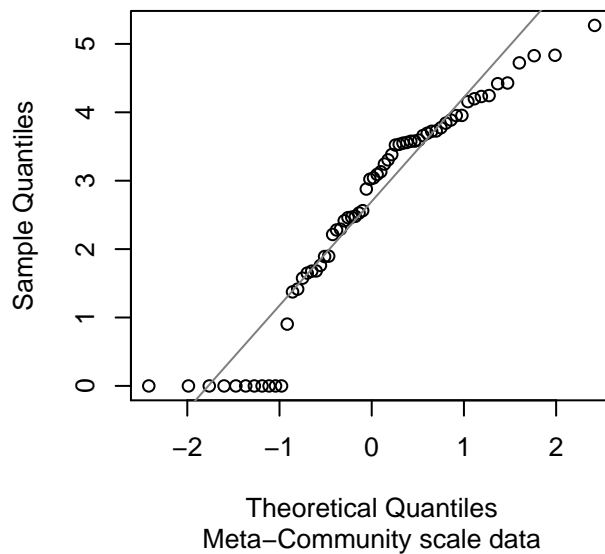
**log10-transformed**

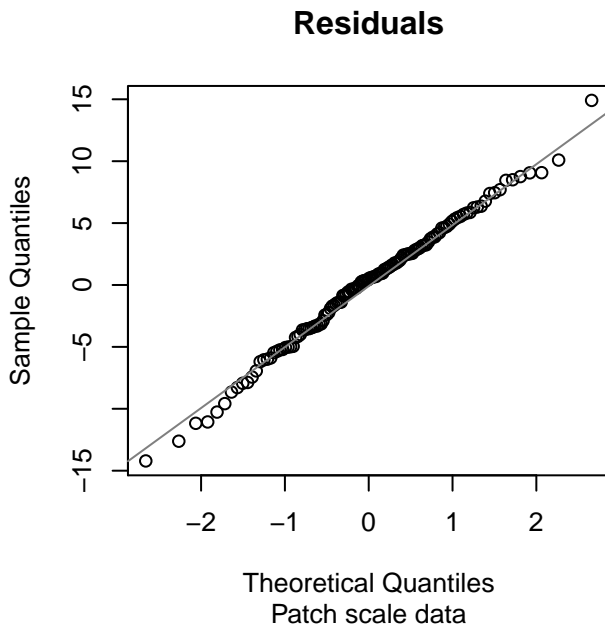
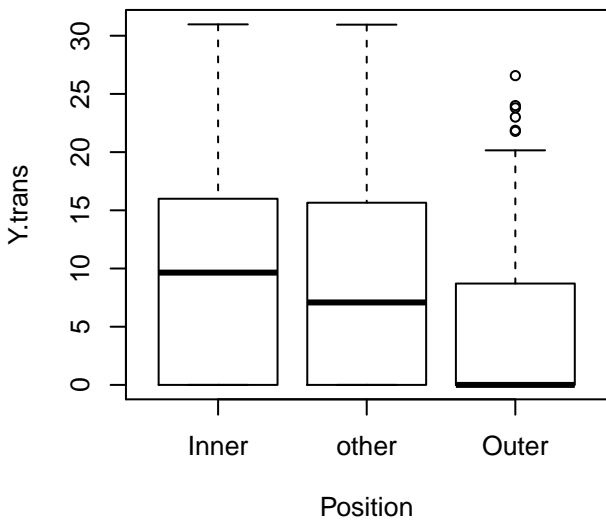
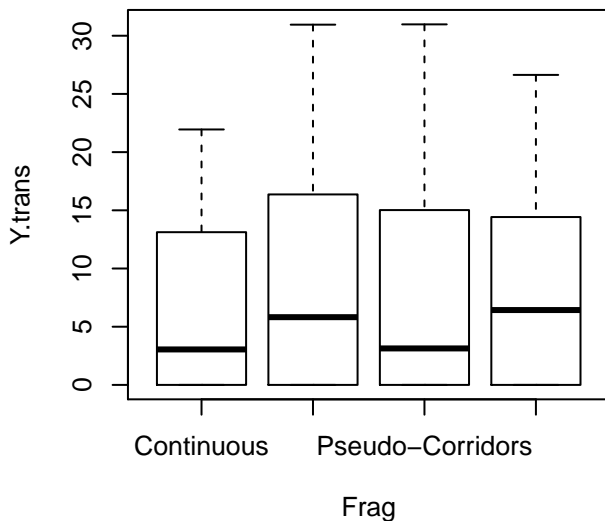
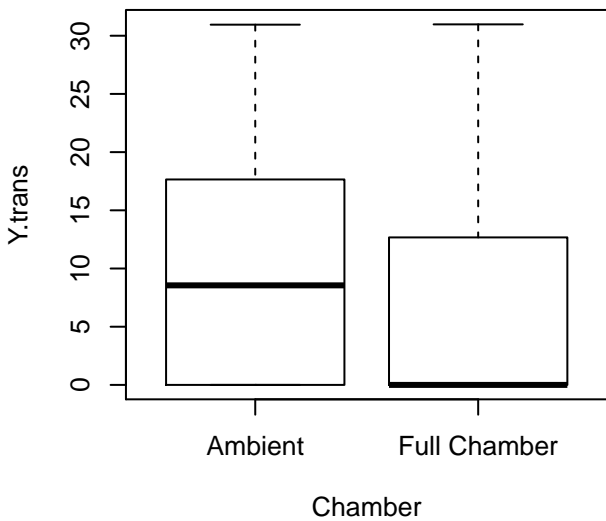


**sqrt-transformed**

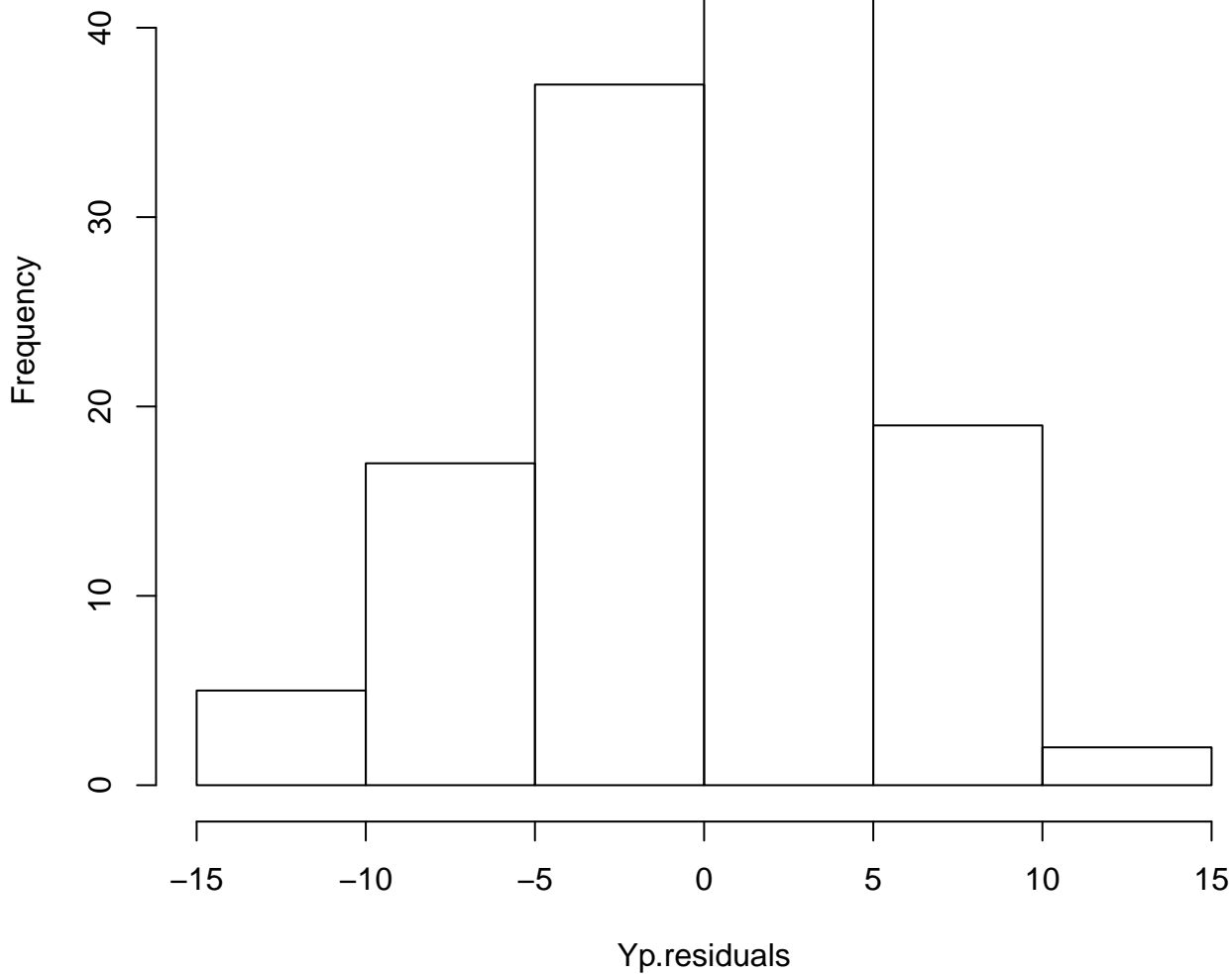


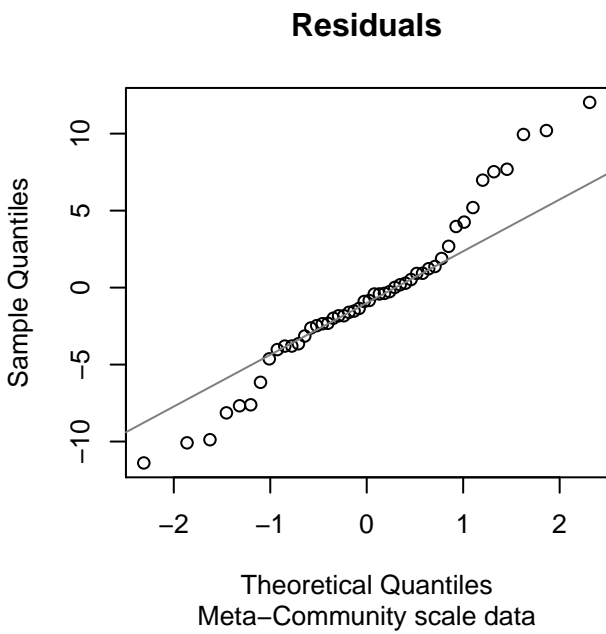
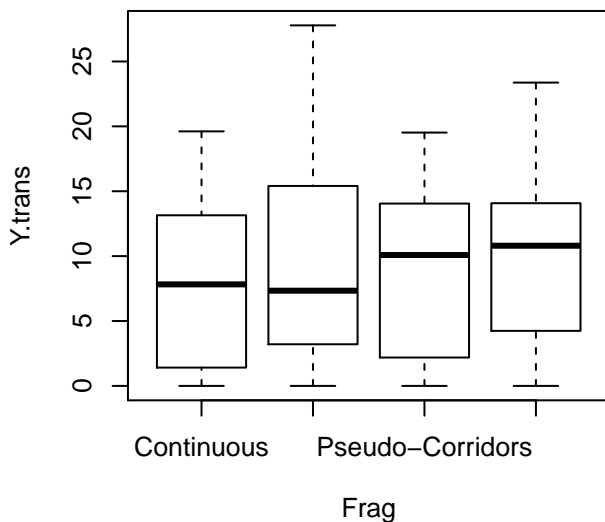
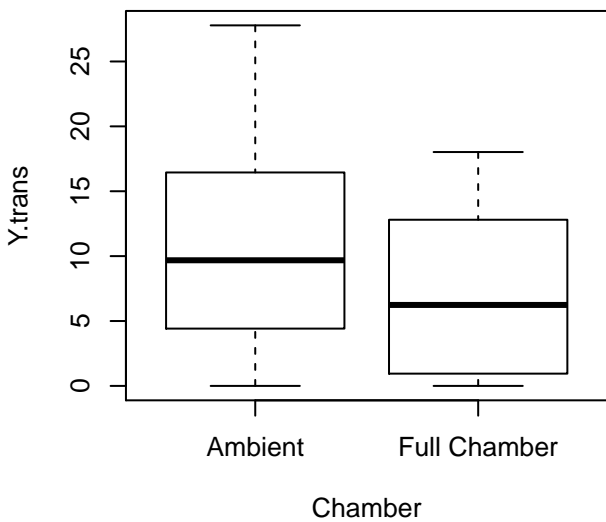
**4th-root-transformed**





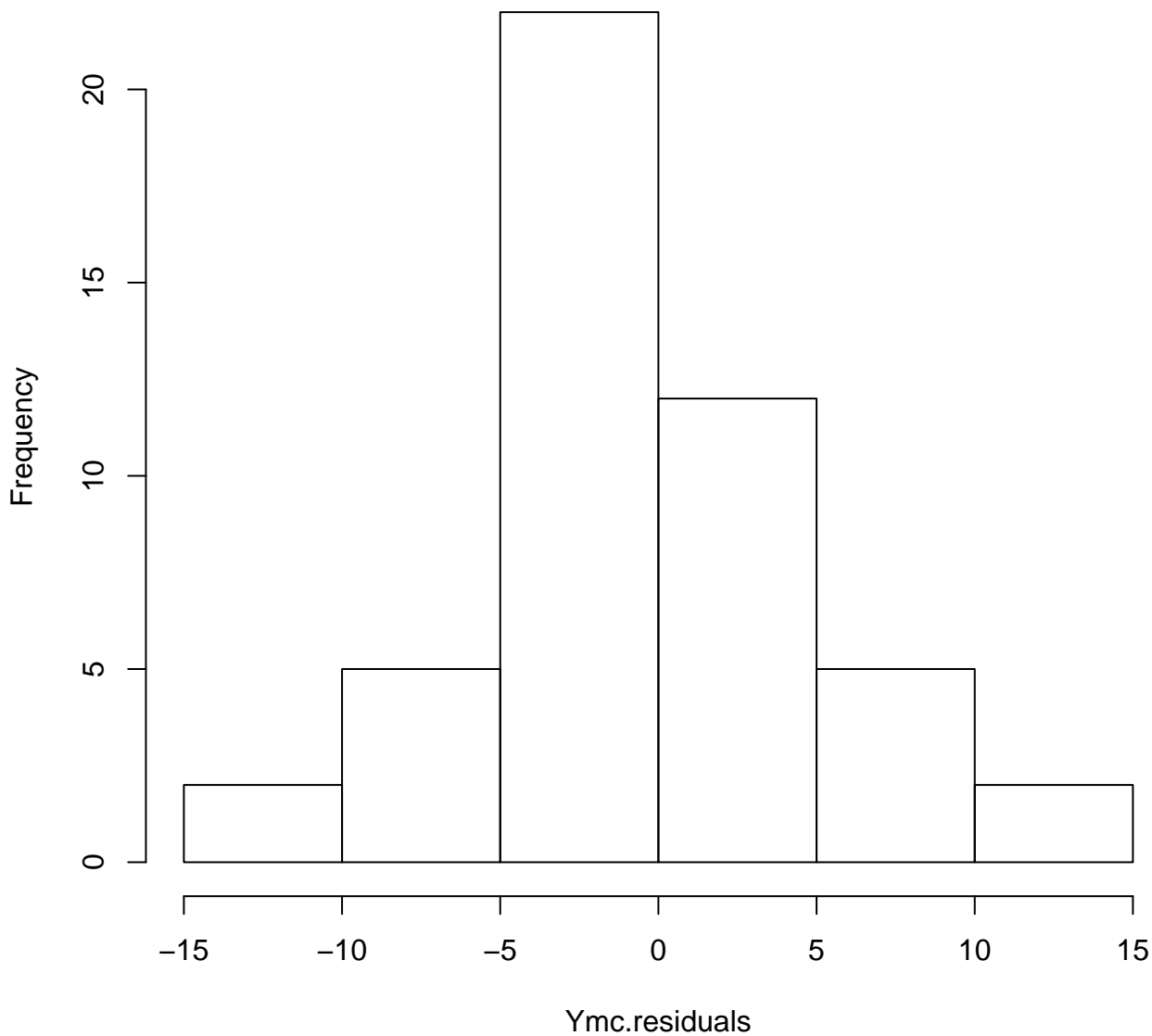
**Histogram of Yp.residuals**

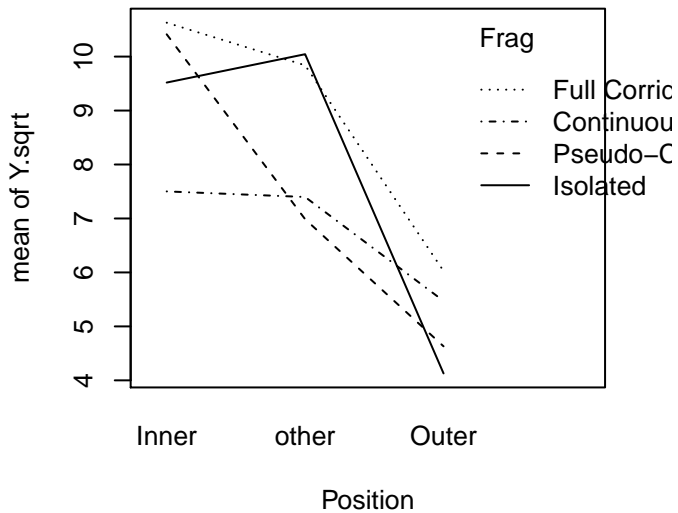
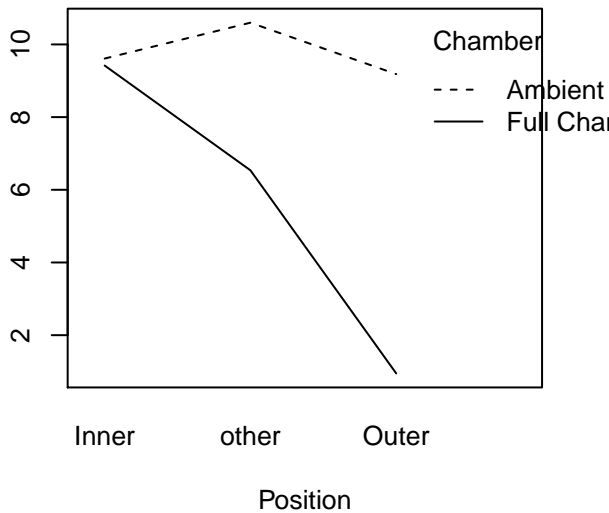
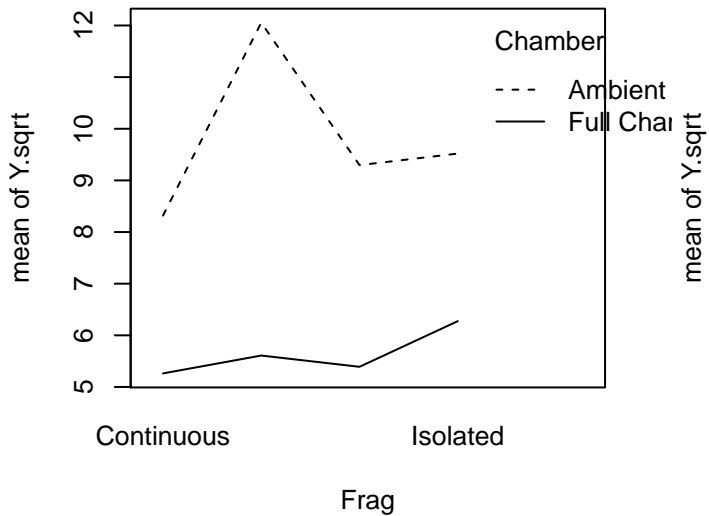


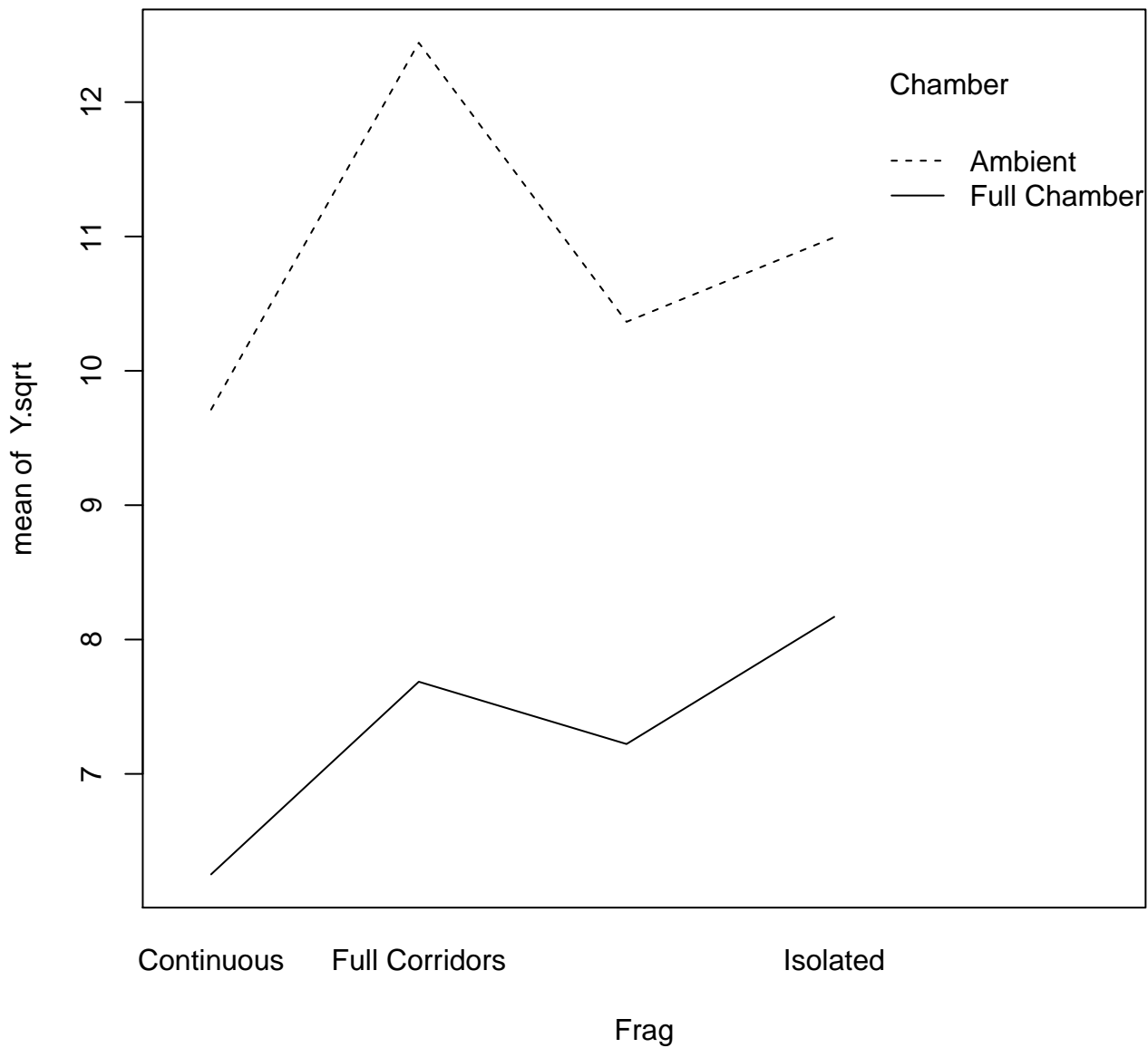




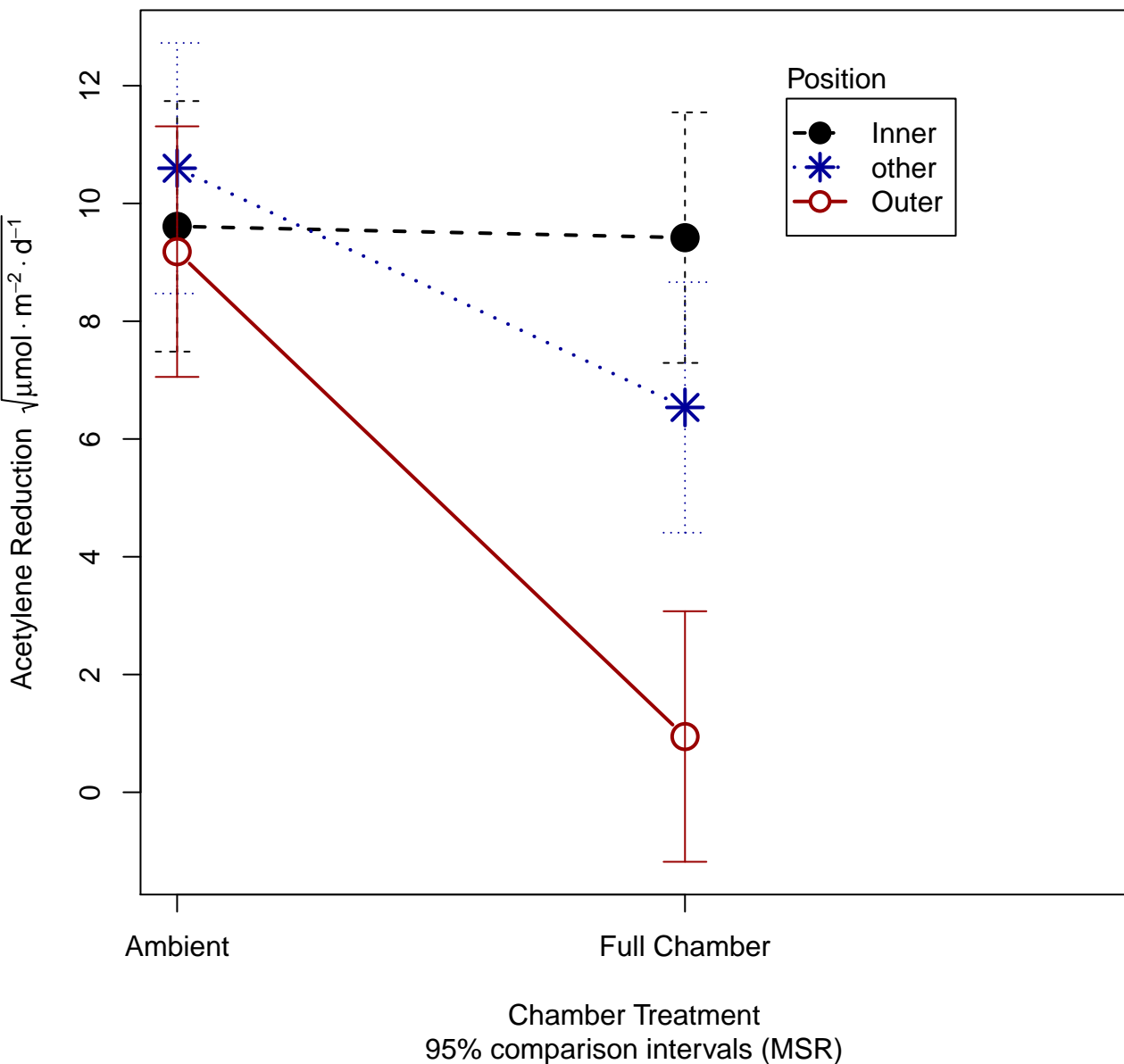
**Histogram of Ymc.residuals**



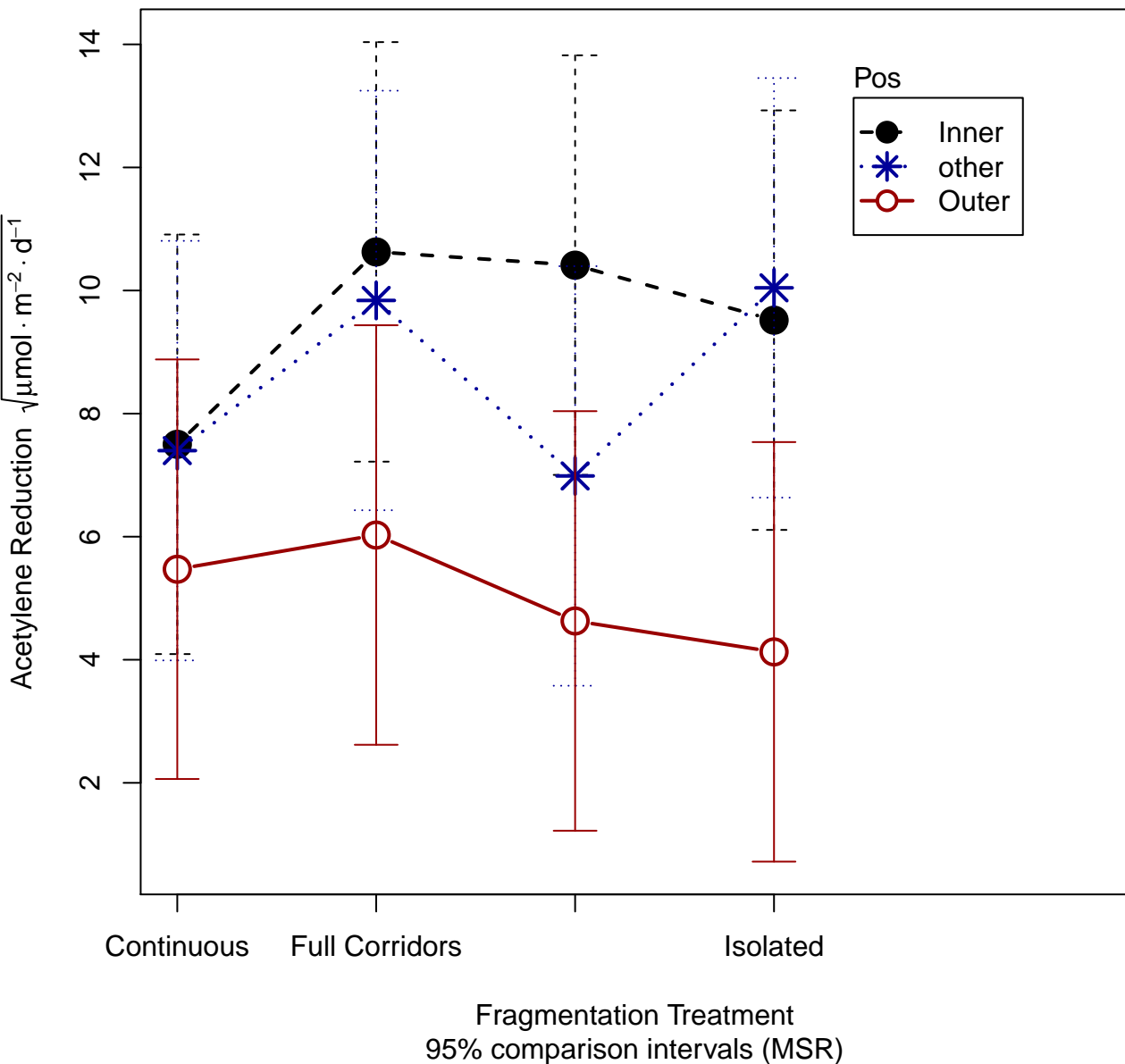




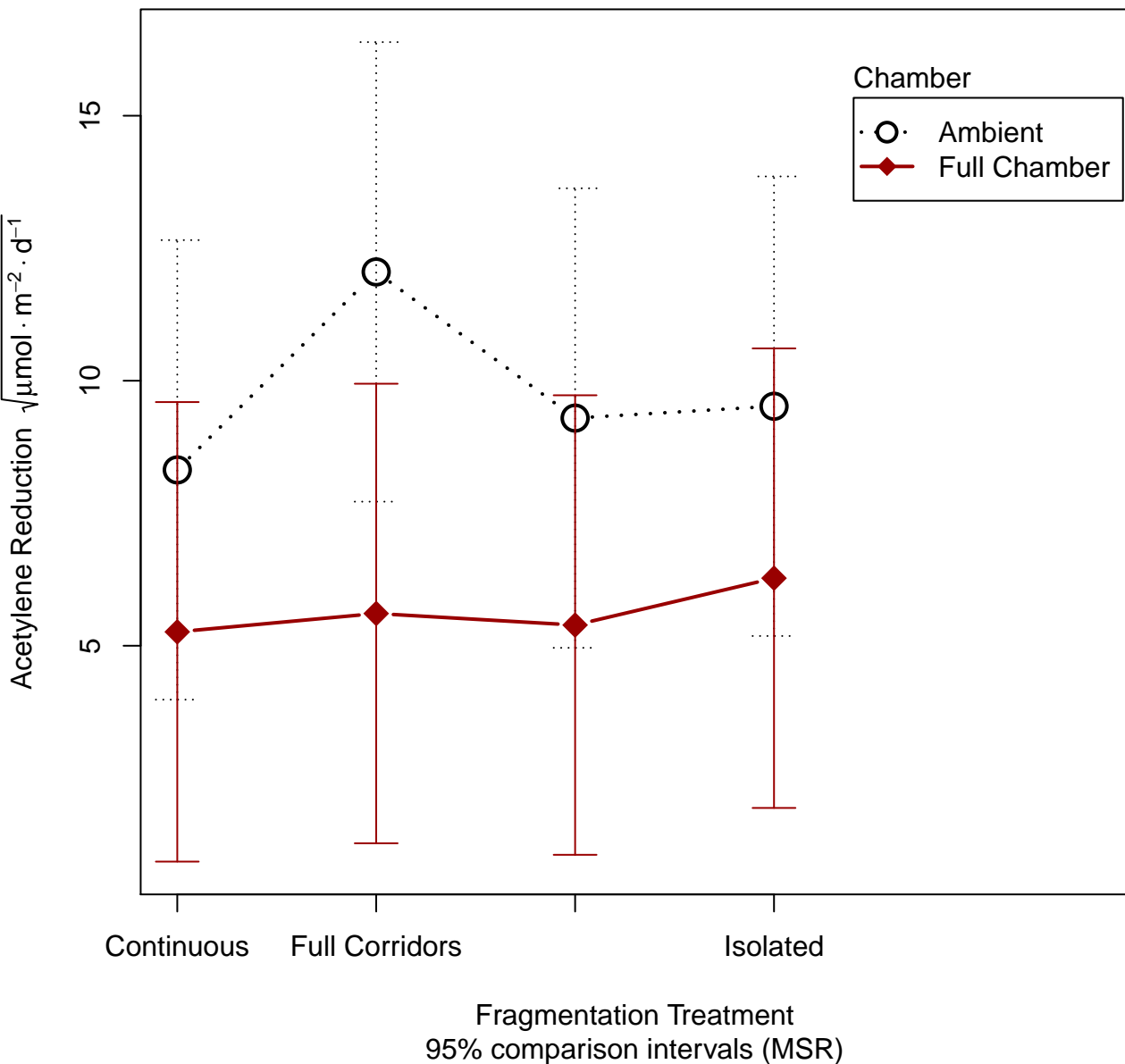
# 12 months: Patch means $\pm$ 95% Comparison Intervals



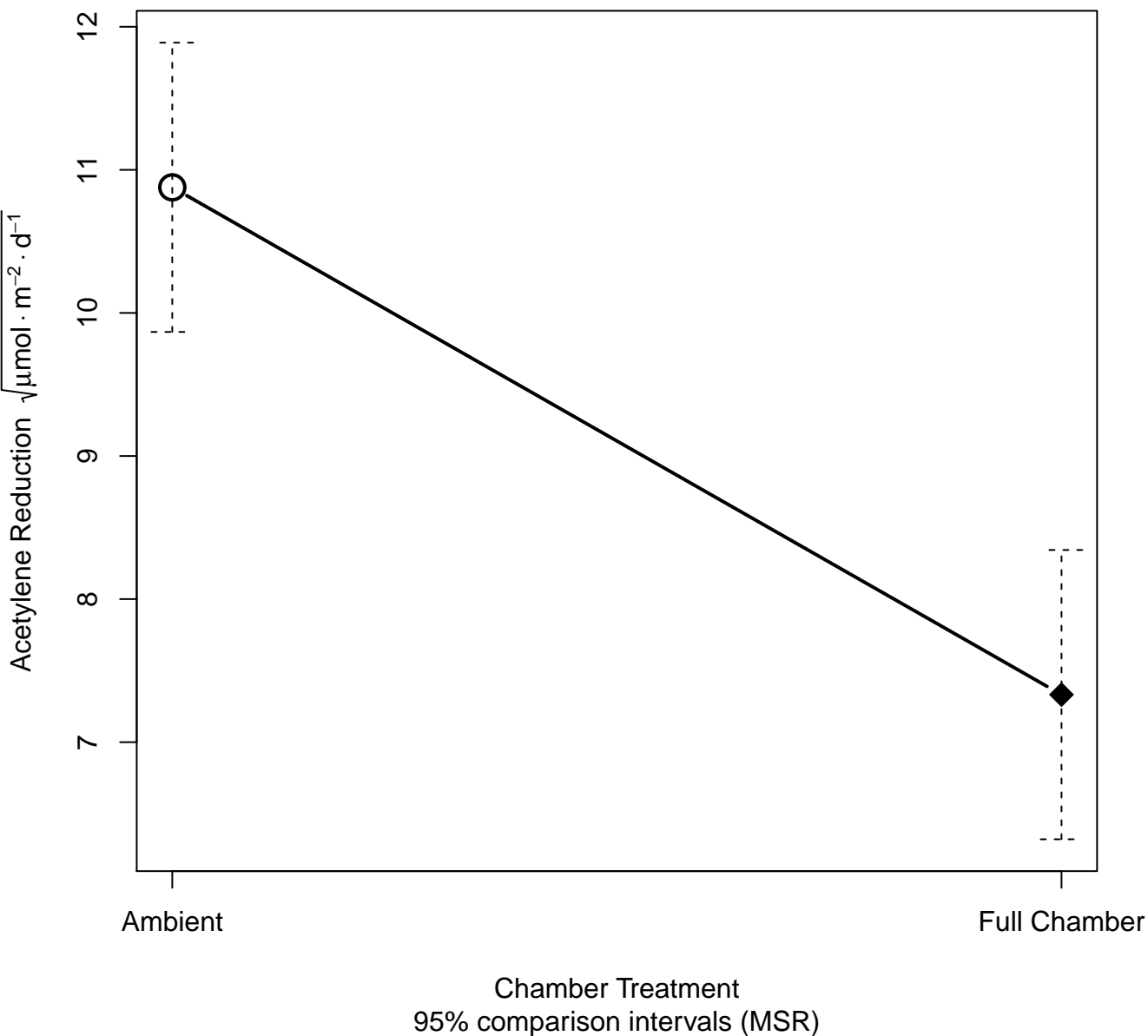
# 12 months: Patch means $\pm$ 95% Comparison Intervals



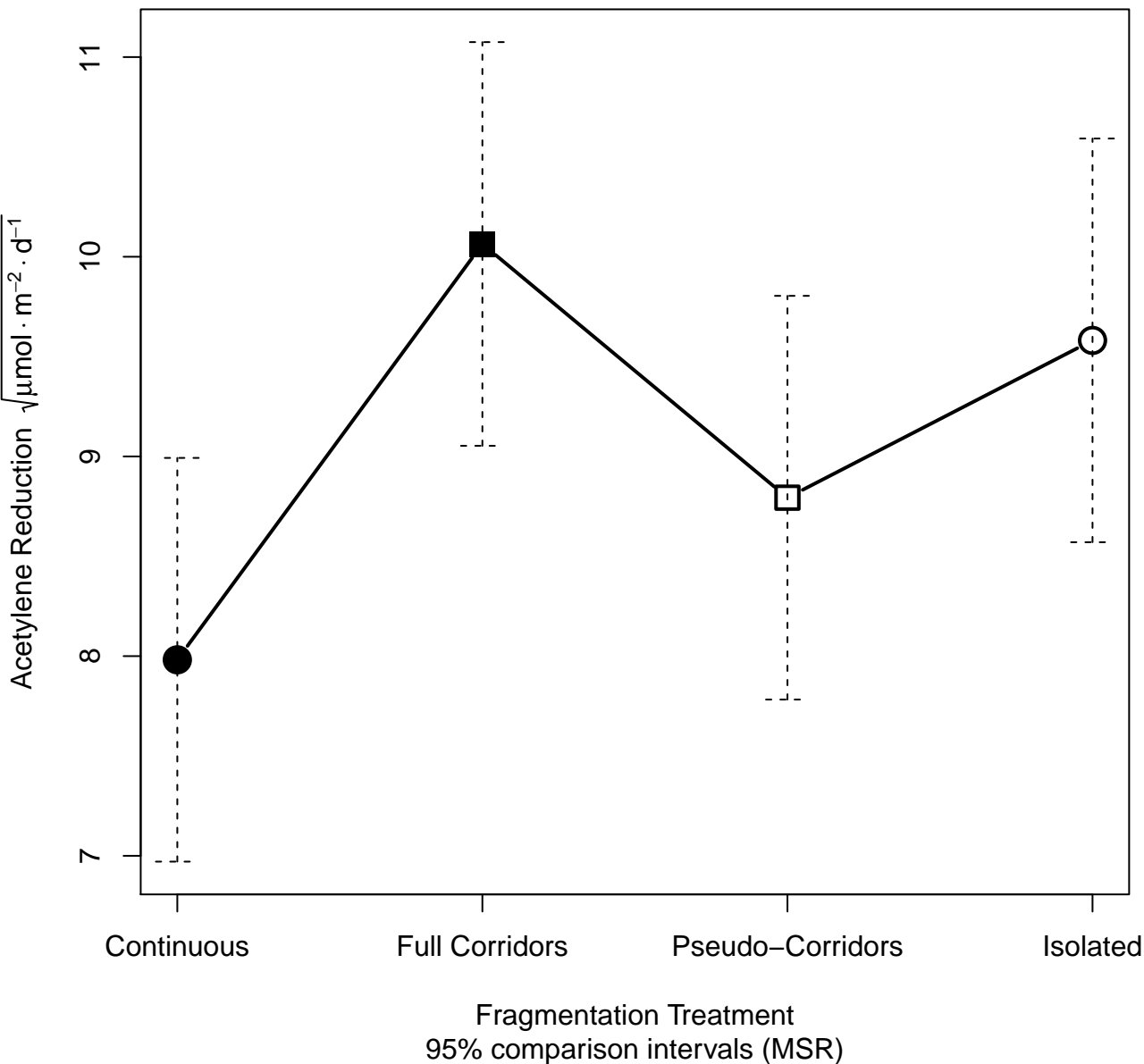
# 12 months: Patch means $\pm$ 95% Comparison Intervals



# 12 months: Meta-Community means $\pm$ 95% Comparison Intervals



# 12 months: Meta-Community means $\pm$ 95% Comparison Intervals





# 12 months: Meta-Community means $\pm$ 95% Comparison Intervals

