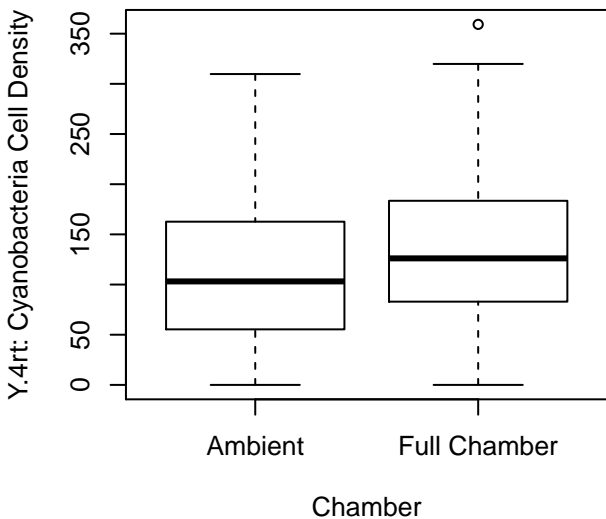
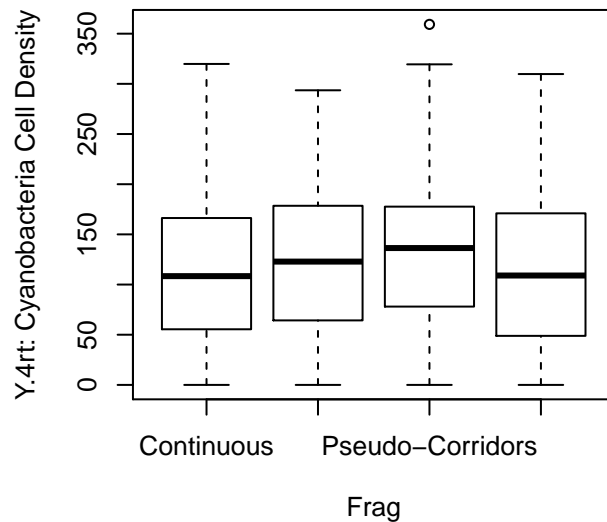


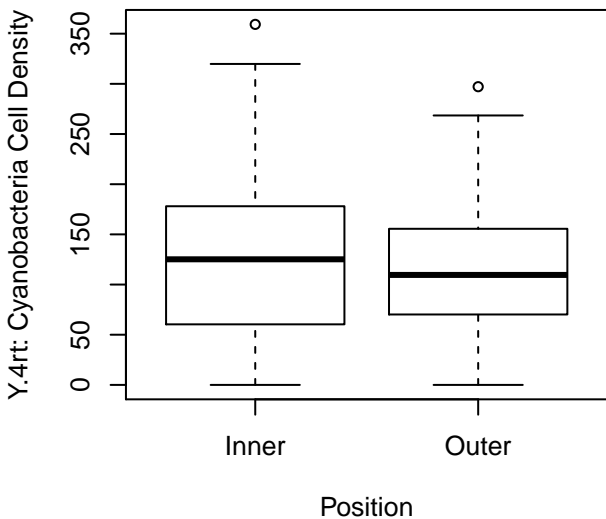
**Patch scale data**



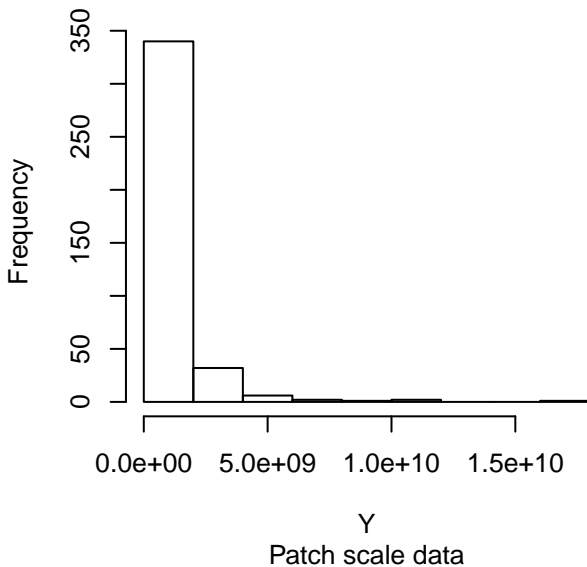
**Patch scale data**



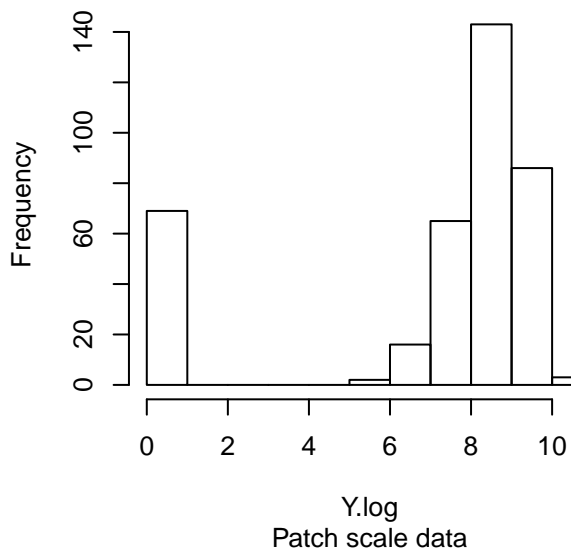
**Patch scale data**



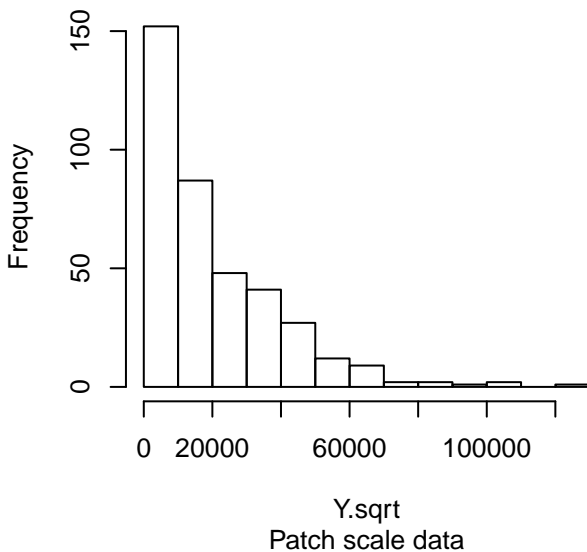
### Histogram of Y



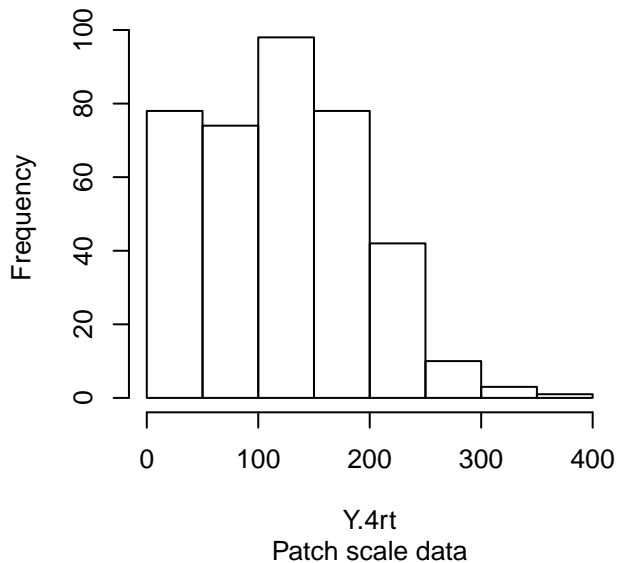
### Histogram of Y.log



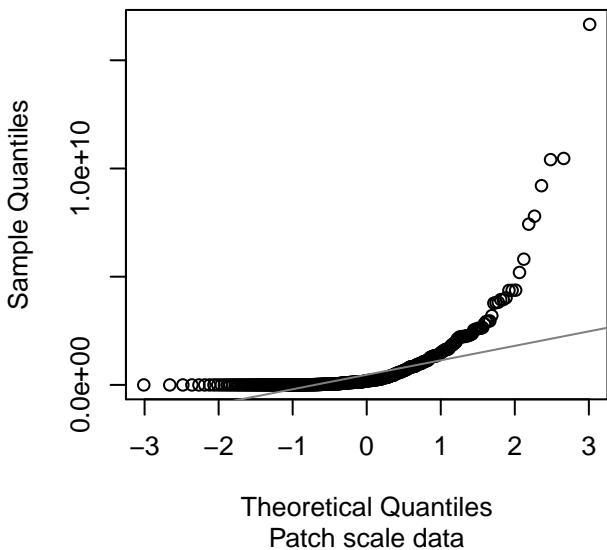
### Histogram of Y.sqrt



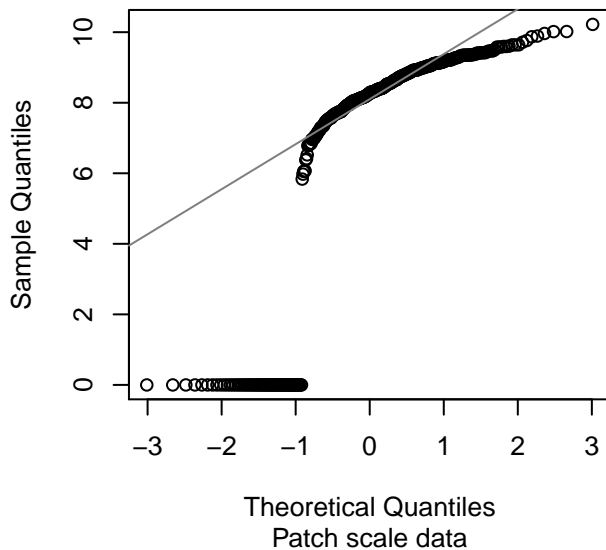
### Histogram of Y.4rt



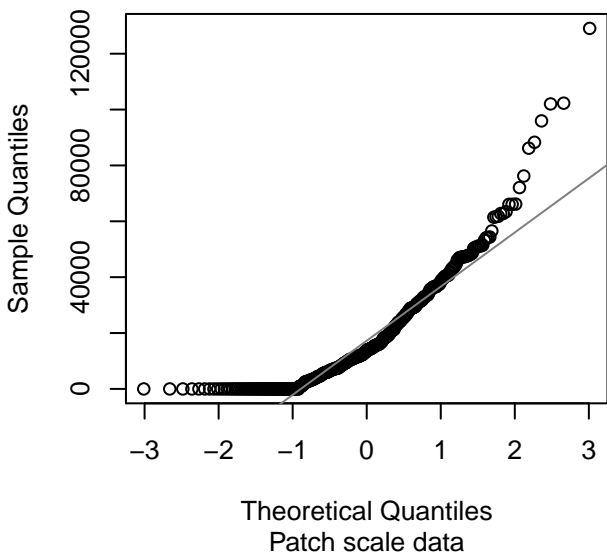
**untransformed**



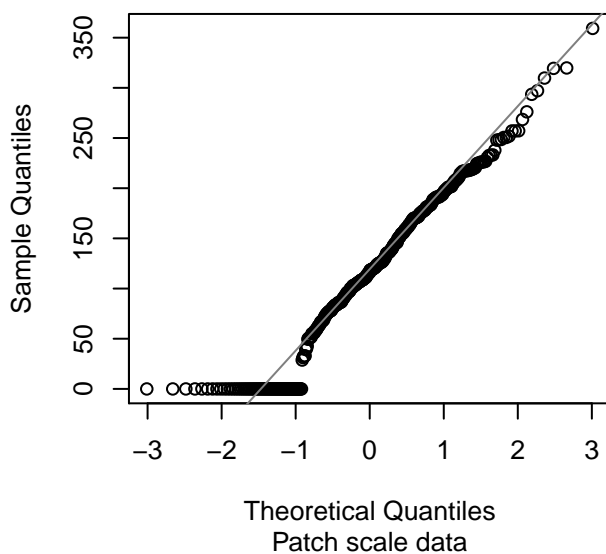
**log10-transformed**



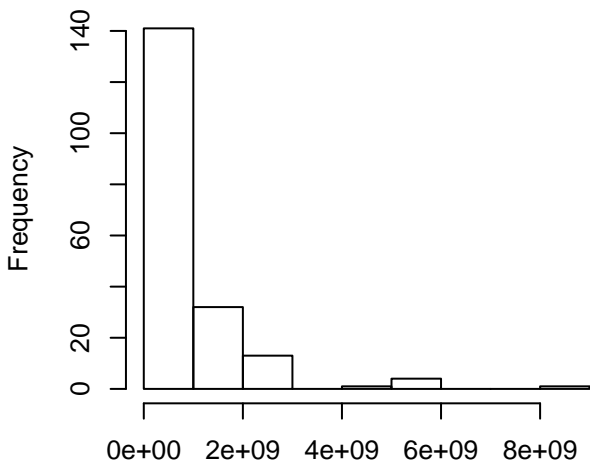
**sqrt-transformed**



**4th-root-transformed**

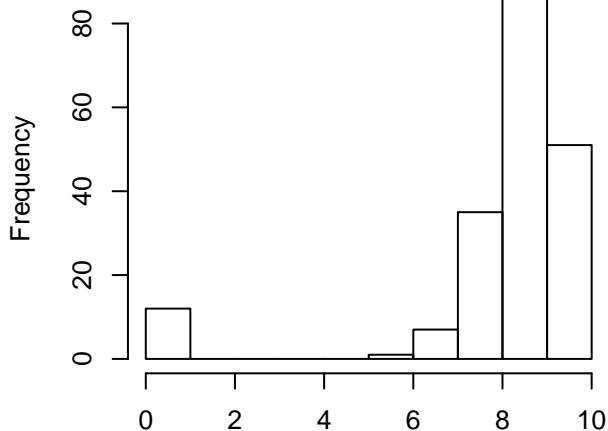


**Histogram of Y**



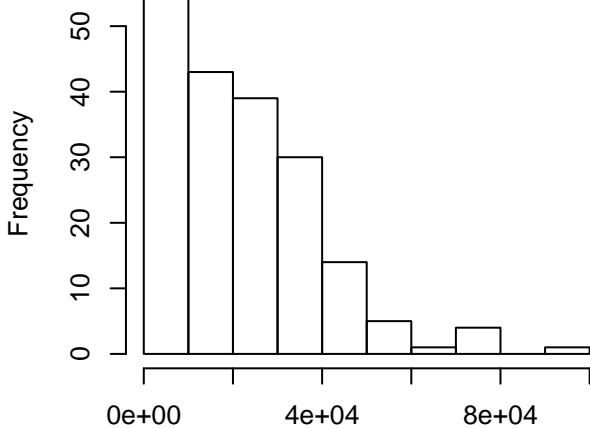
Y  
Meta-Community scale data

**Histogram of Y.log**



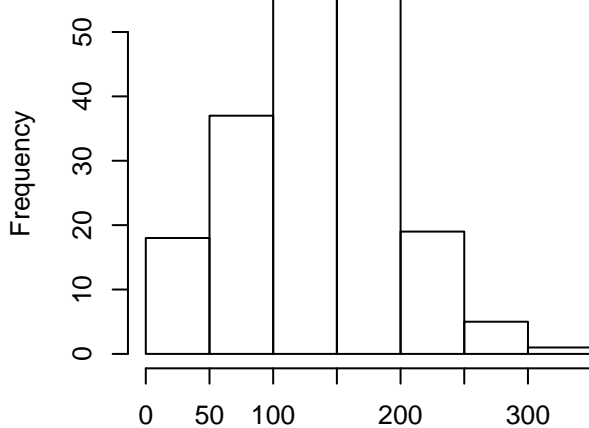
Y.log  
Meta-Community scale data

**Histogram of Y.sqrt**



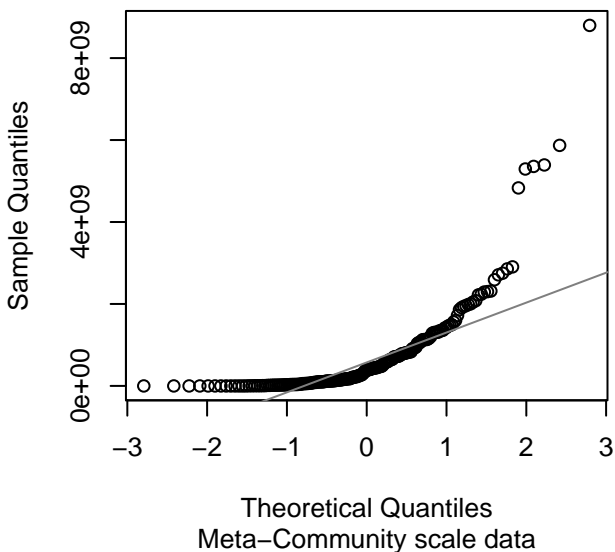
Y.sqrt  
Meta-Community scale data

**Histogram of Y.4rt**

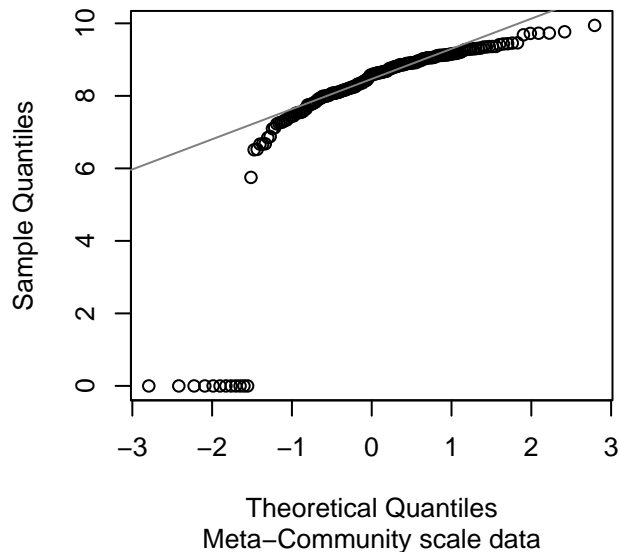


Y.4rt  
Meta-Community scale data

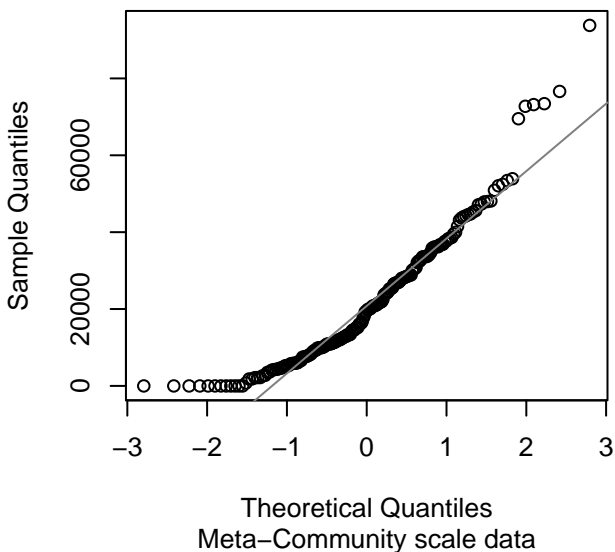
**untransformed**



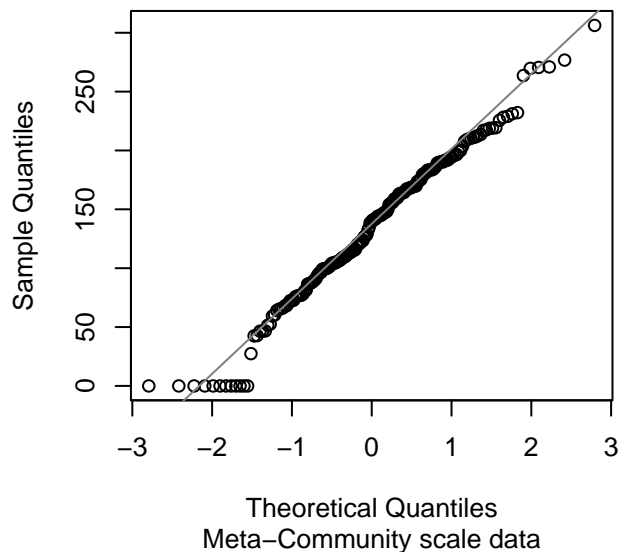
**log10-transformed**

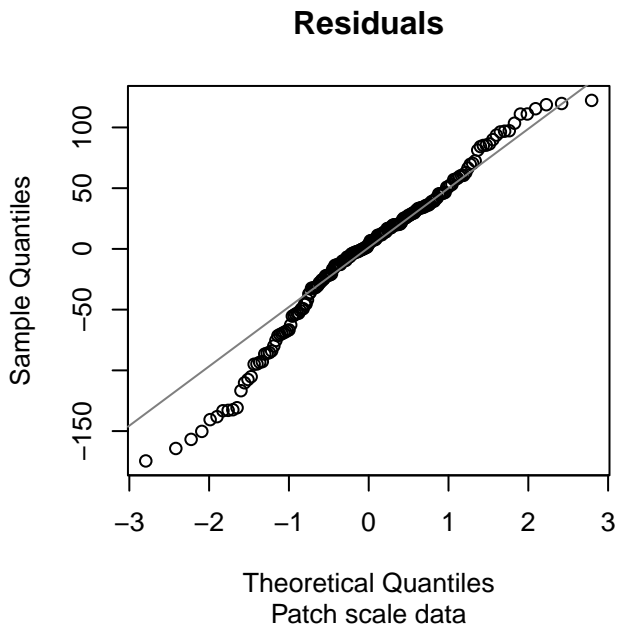
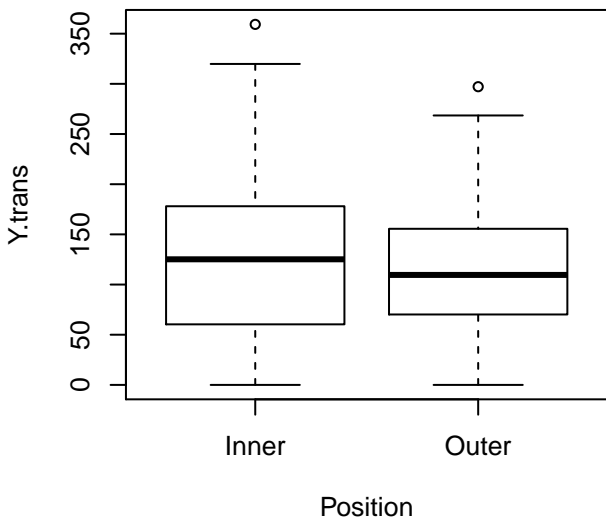
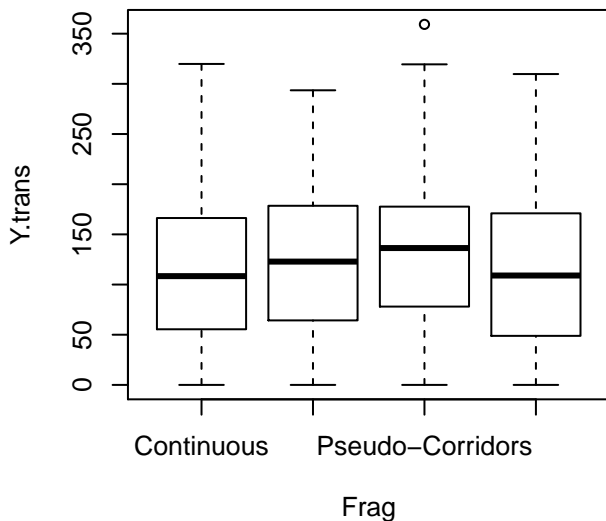
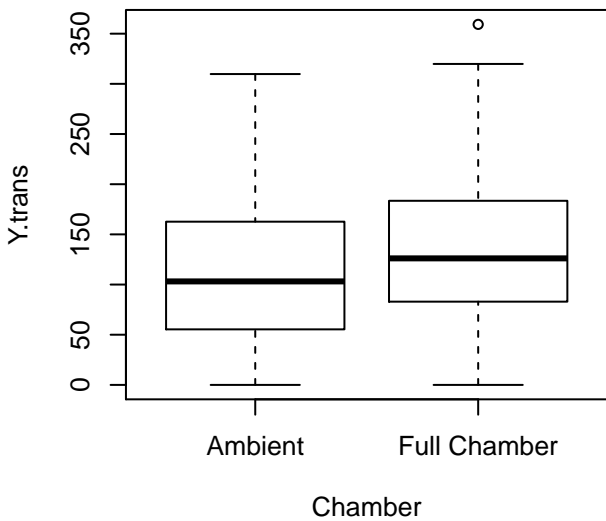


**sqrt-transformed**

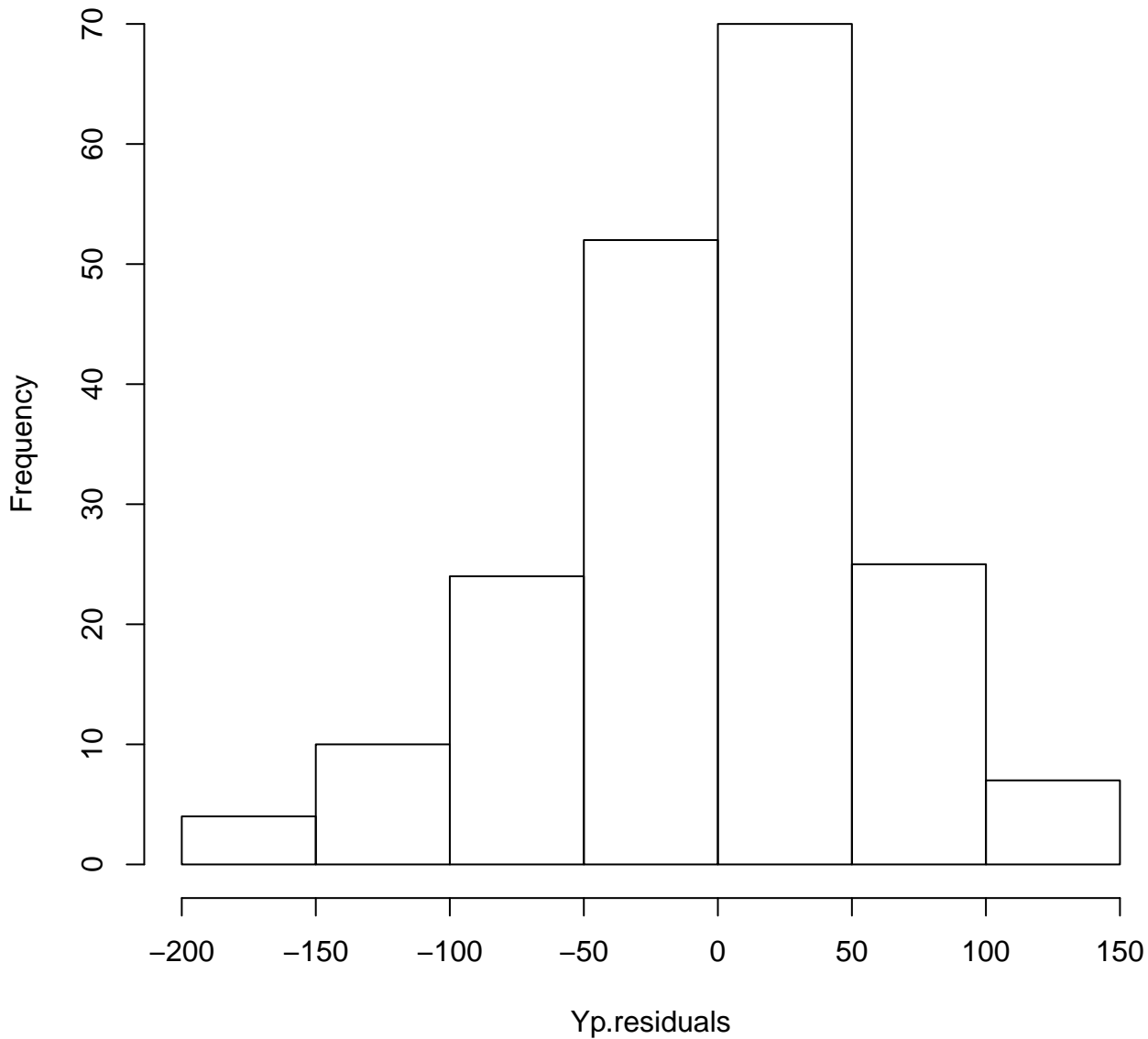


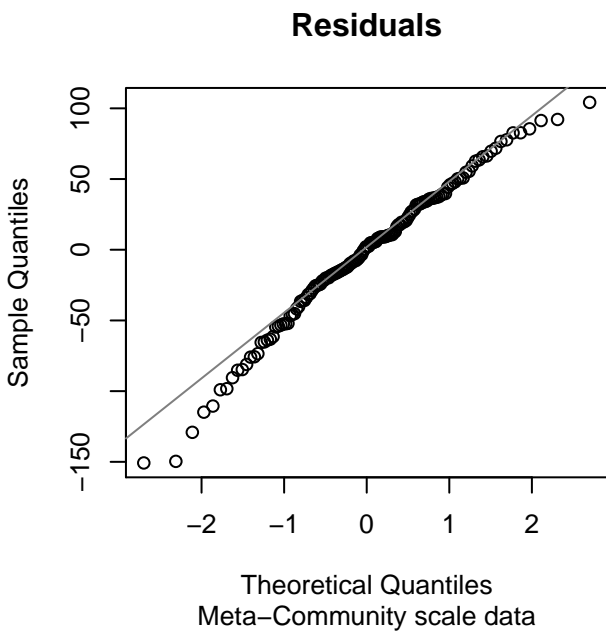
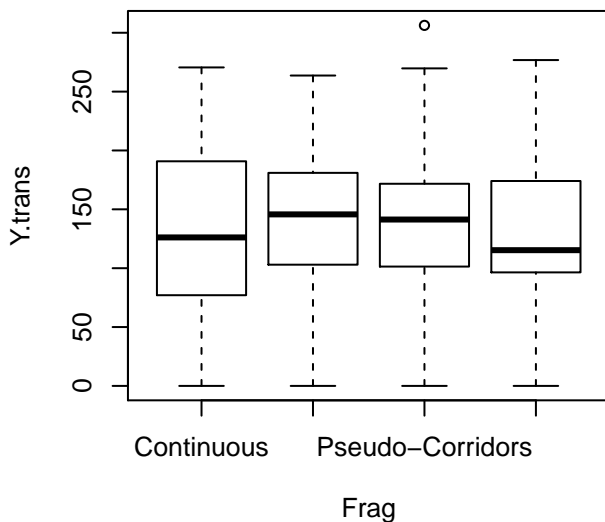
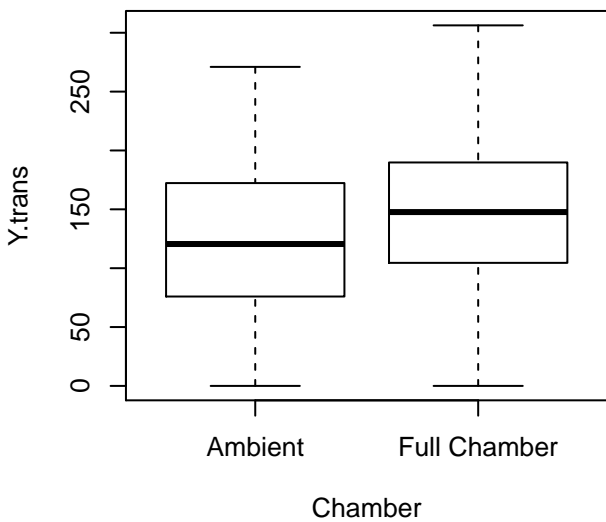
**4th-root-transformed**





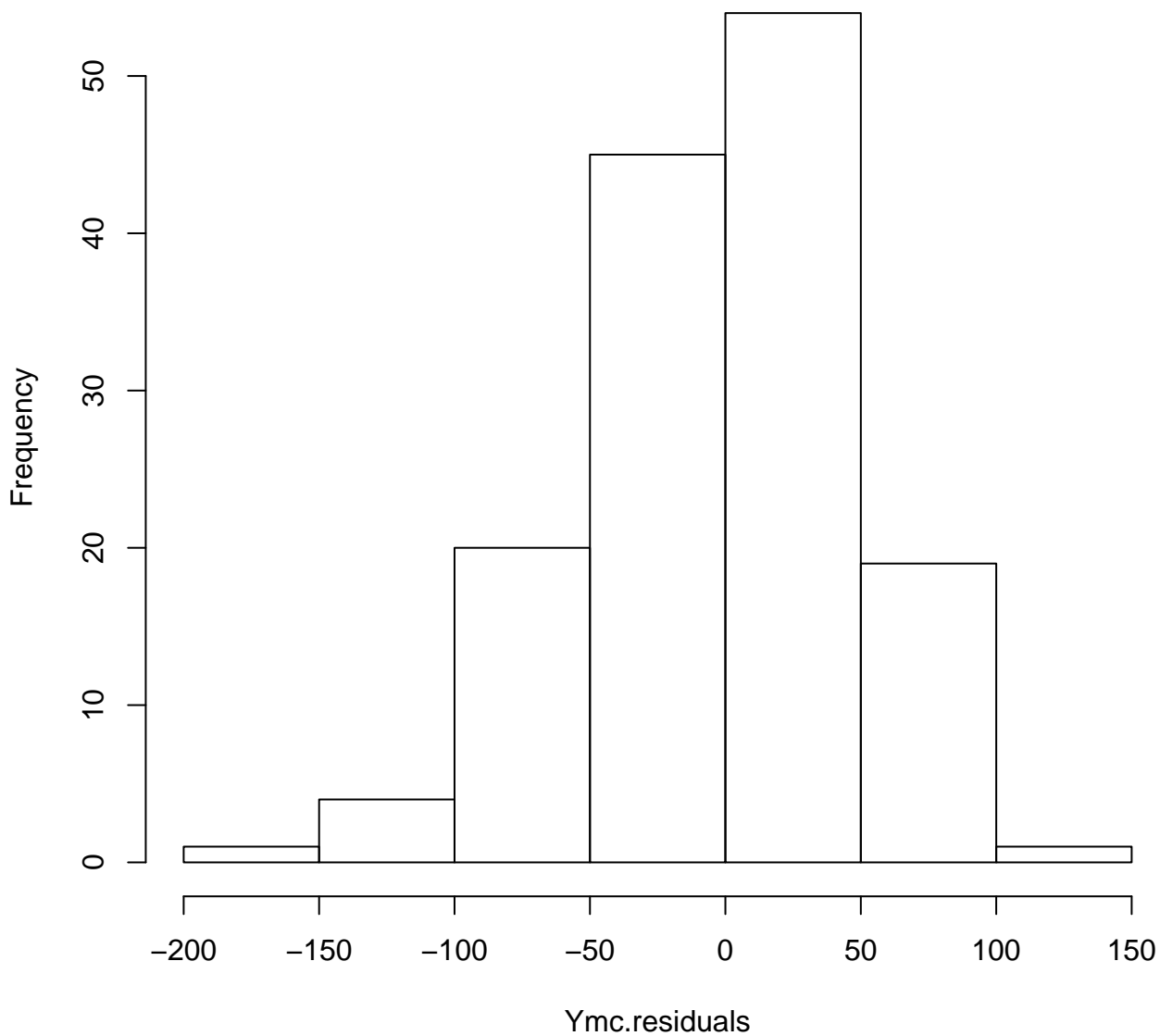
**Histogram of Yp.residuals**

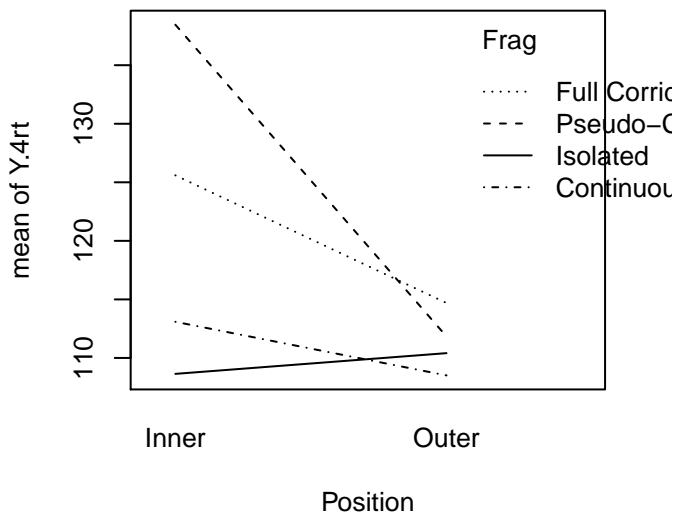
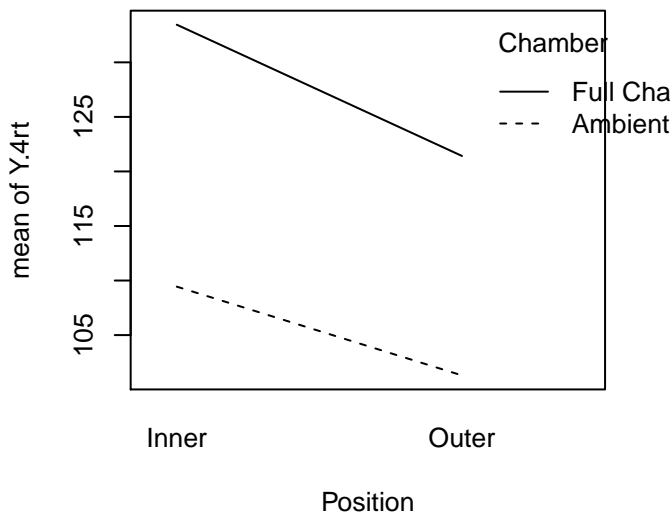
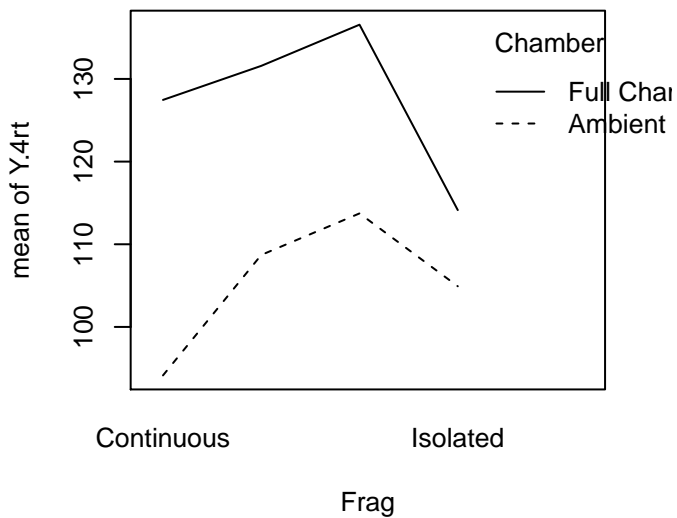


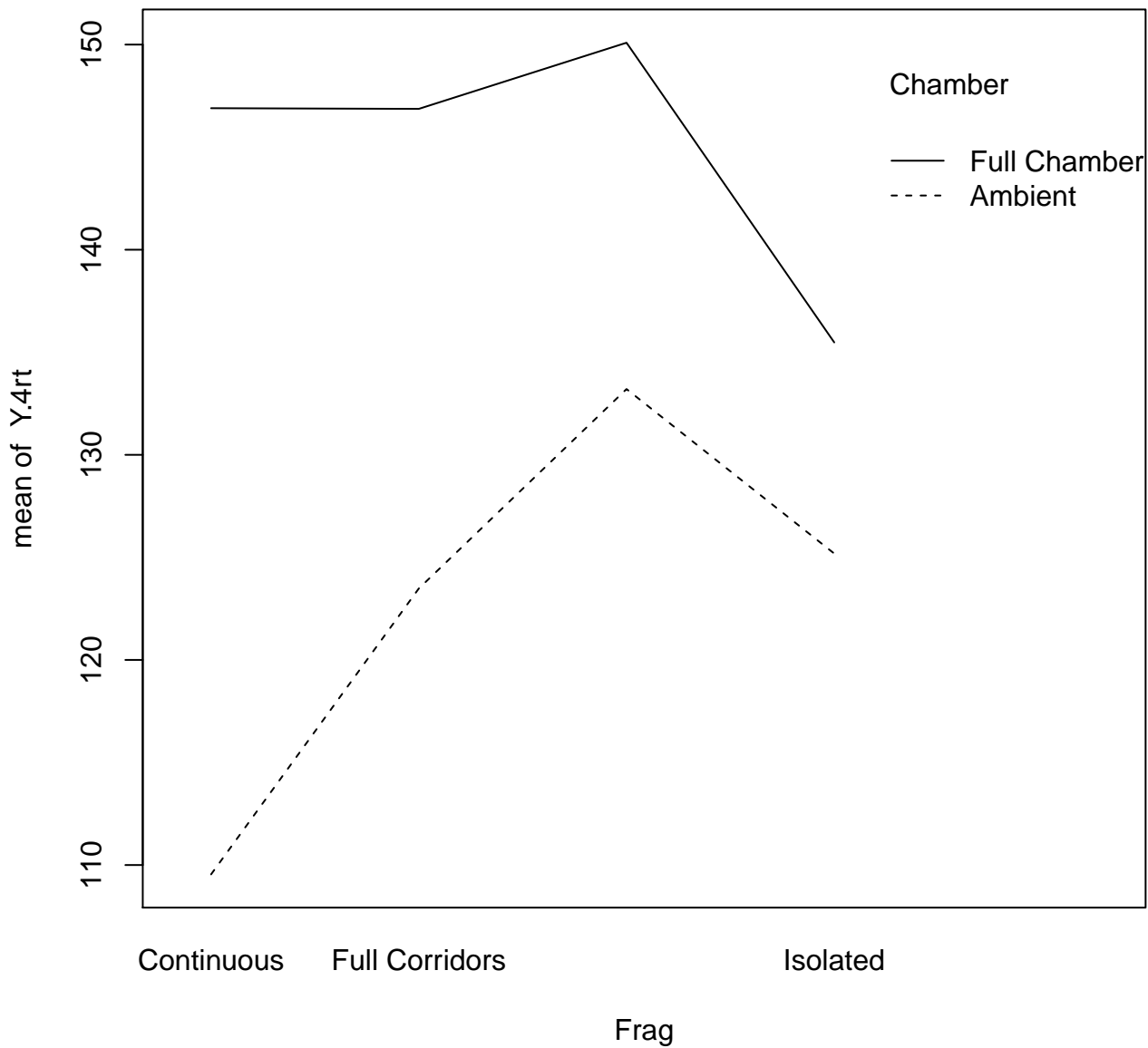




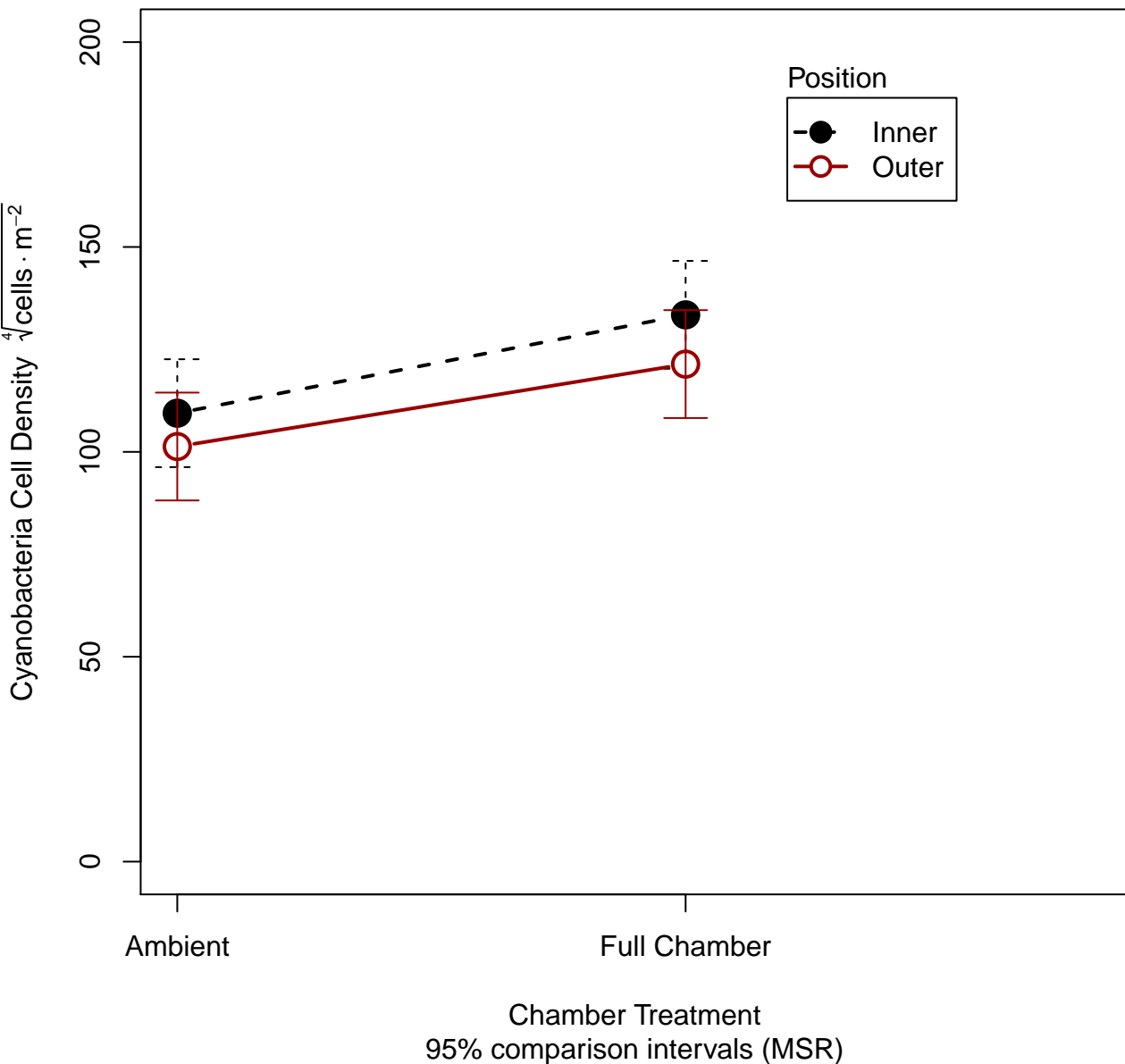
**Histogram of Ymc.residuals**



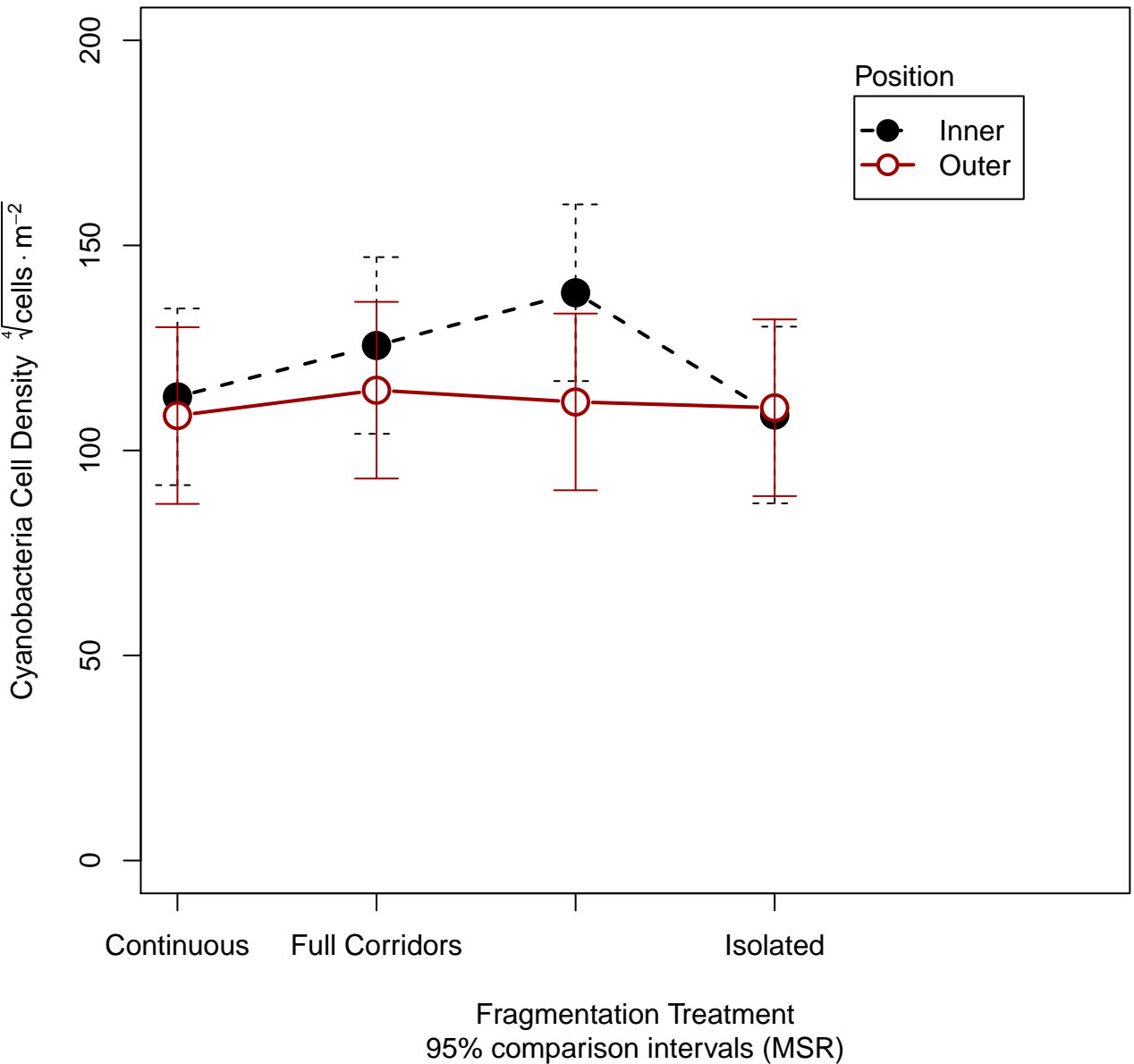




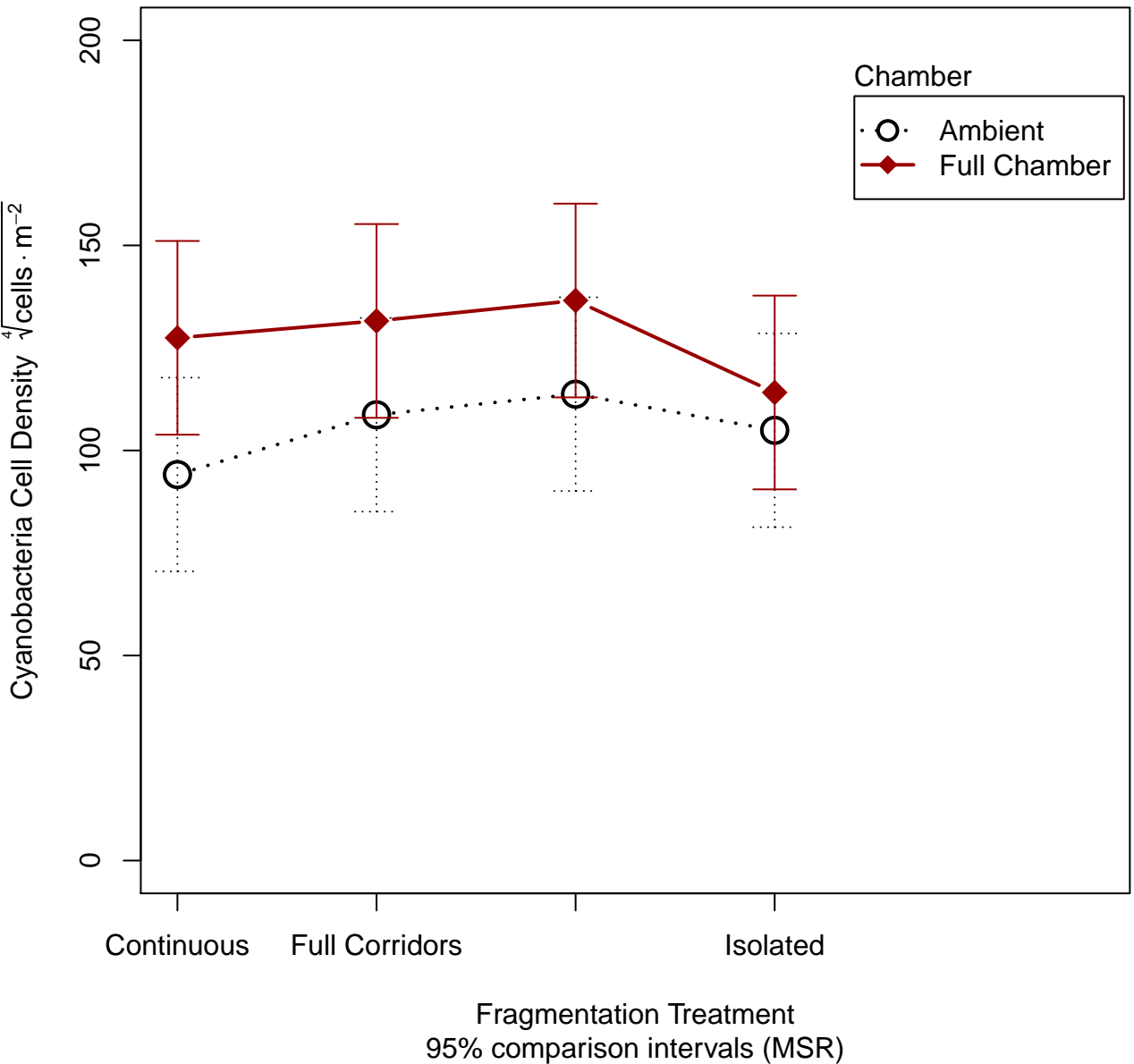
# Patch means $\pm$ 95% Comparison Intervals



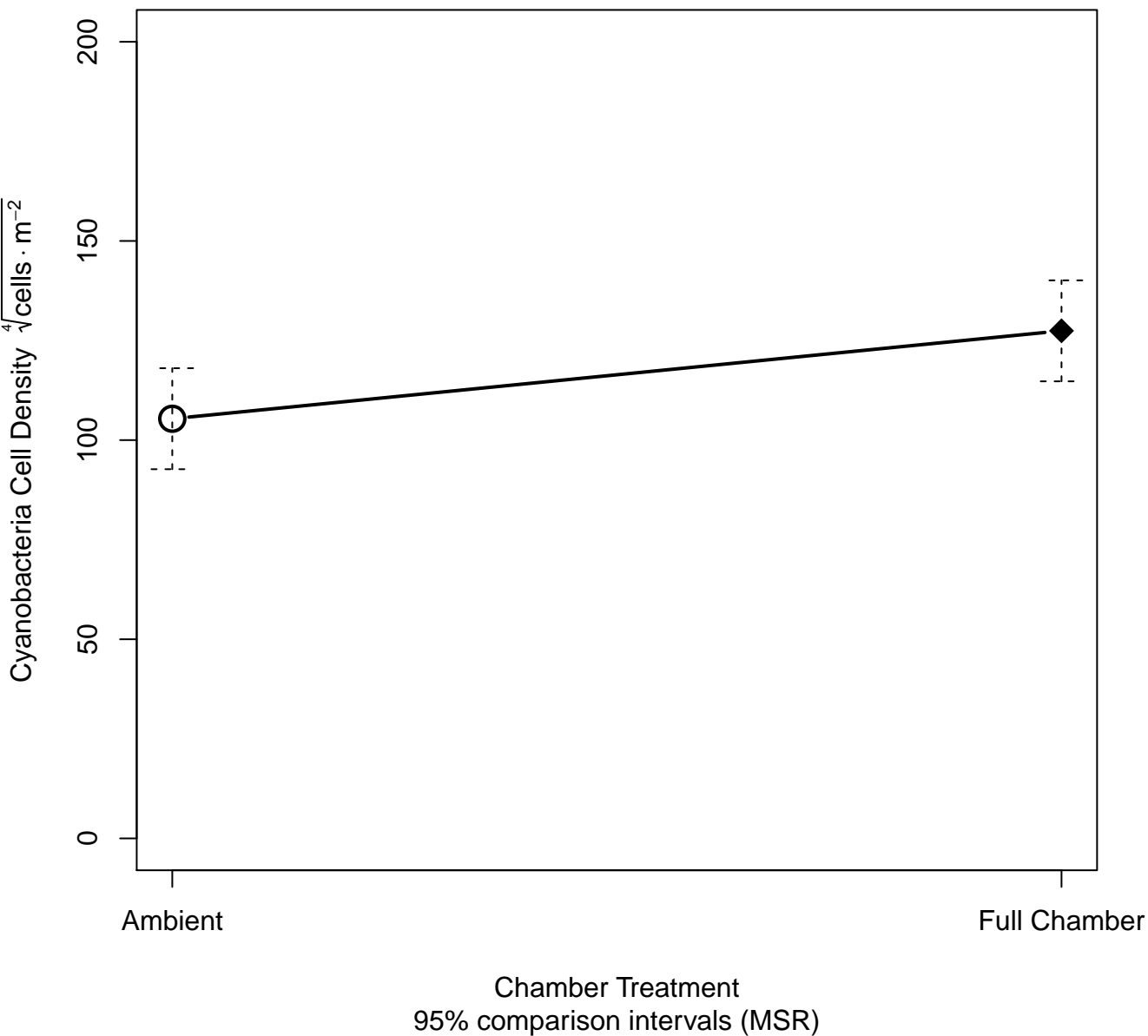
# Patch means $\pm$ 95% Comparison Intervals



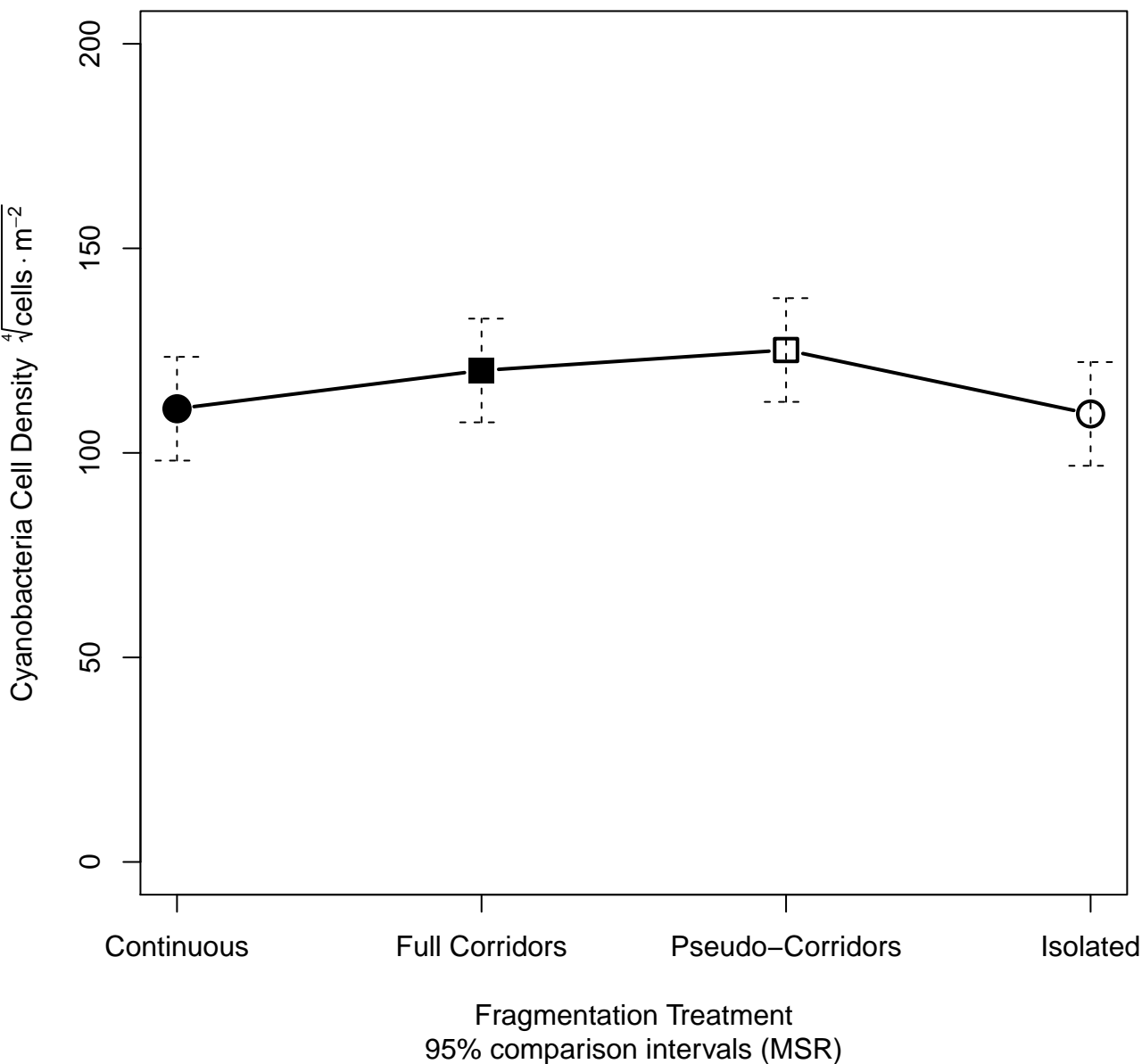
# Patch means $\pm$ 95% Comparison Intervals



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



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





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

