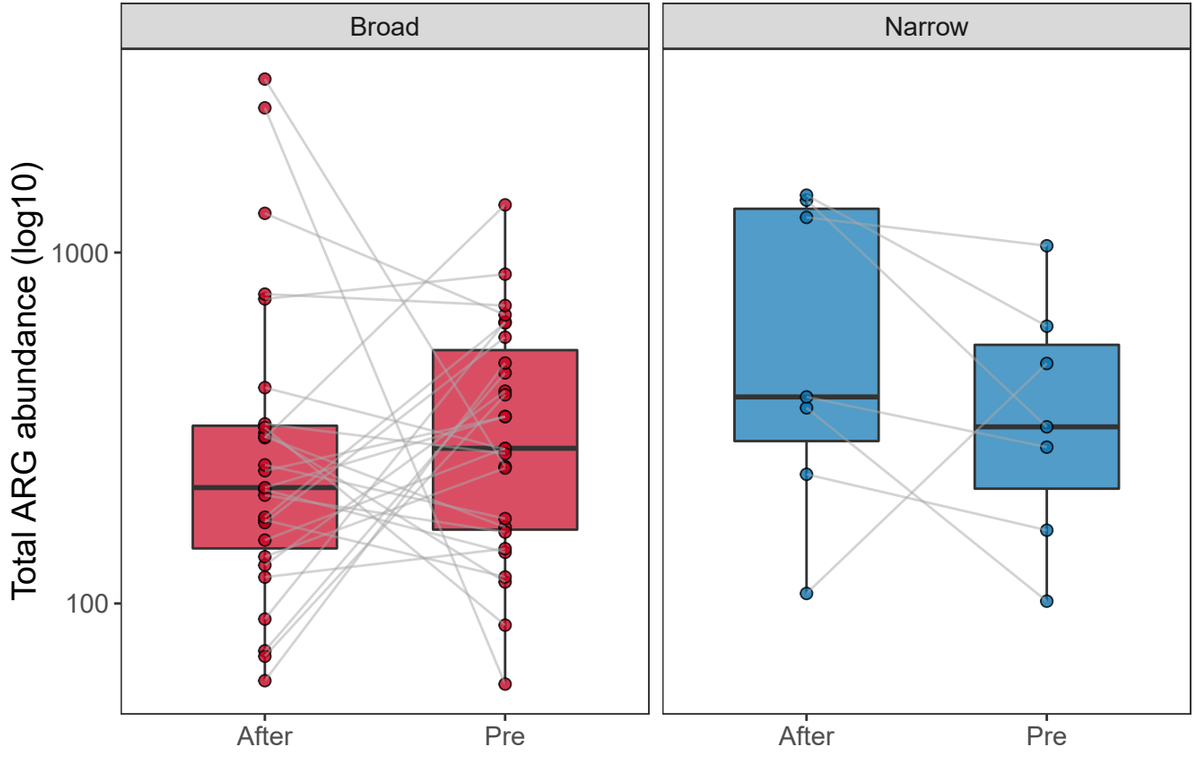
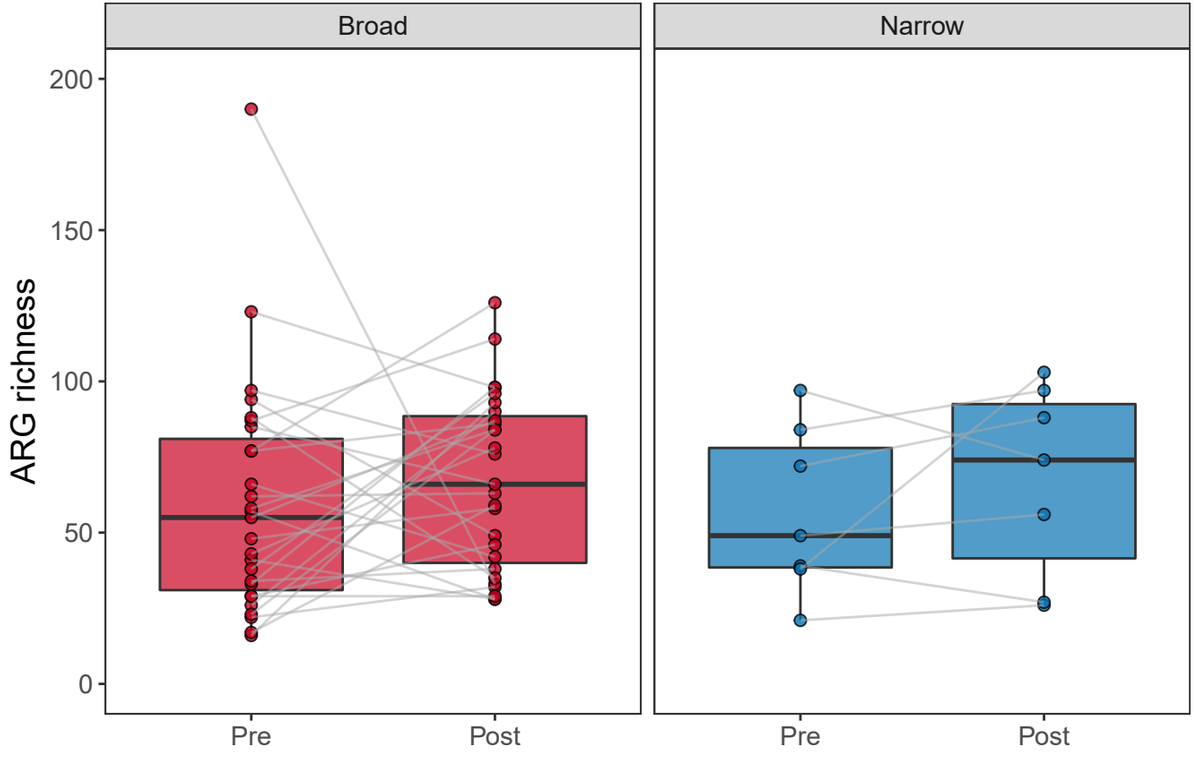

Broad
Narrow
Total ARG abundance (log10)
1000
100
After
Pre
After
Pre


Broad
Narrow
ARG richness
200
150
100
50
0
Pre
Post
Pre
Post