dataset: df\_Leao-Pires\_Schiesari\_Upper\_Tiete\_macroinvertebrate\_fish\_data.xlsx LCS\_b031\_2022\_6 LCS\_b034\_2022\_6 LCS\_b039\_2022\_6 LCS\_b066\_2022\_6 LCS\_b202\_2022\_6 LCS\_b204\_2022\_6 MLE.b = -5MLE.b = -1.47MLE.b = -1.5MLE.b = -5.05MLE.b = -2.17MLE.b = -1.564 0 -4 -8 LCS\_b320\_2022\_6 LCS\_b539\_2022\_6 LCS\_b310\_2022\_6 LCS\_b321\_2022\_6 LCS\_b543\_2022\_6 LCS\_b545\_2022\_6 8 MLE.b = -1.27MLE.b = -2.95MLE.b = -2.17MLE.b = -2.93MLE.b = -1.38MLE.b = -1.614 0 -4 -8 LCS\_b570\_2022\_6 LCS\_b574\_2022\_6 LCS\_b578\_2022\_6 LCS\_b579\_2022\_6 LCS\_b581\_2022\_6 LCS\_b589\_2022\_6 8 log10binCountNorm MLE.b = -1.73MLE.b = -6.27MLE.b = -2.79MLE.b = -3.66MLE.b = -1.87MLE.b = -5.7analysis\_group Invertebrates + Fish -8 LCS\_b594\_2022\_6 LCS\_b620\_2022\_6 LCS\_b627\_2022\_6 LCS\_b631\_2022\_6 LCS\_b637\_2022\_6 LCS\_b673\_2022\_6 8 MLE.b = -1.99MLE.b = -1.66MLE.b = -1.53MLE.b = -1.44MLE.b = -2.66MLE.b = -2.074 0 -4 -8 0.0 -2.50.0 2.5 5.0 - 2.50.0 2.5 5.0 - 2.52.5 5.0 LCS\_b711\_2022\_6 LCS\_ebbrc\_2022\_6 LCS\_ebbsn\_2022\_6 8 MLE.b = -7.59MLE.b = -1.28MLE.b = -1.974 0 -4 -8 0.0 0.0 2.5 5.0 - 2.50.0 5.0 -2.55.0 - 2.5

log10binMid