**Figure S1.** Filtered invertebrate assemblage level summed *z* scores. The filled circles denote the magnitude of the summed *z*- scores for decreasing taxa abundance with increasing PO<sub>4</sub>-P concentration and the opened symbols are for *z*+ taxa with increasing abundances with increasing PO<sub>4</sub>-P concentration. Solid and dashed lines without circles are the cumulative frequency distributions (CFDs) of sum (*z*-) and sum (*z*+) maxima across bootstrap replicates (Baker et al., 2015; Richards et al., 2018).

