

## Figure 1: Proportional difference between lowest and highest values from 15-core samples compared to sampling density for 7 microbial functional groups

15-core samples included different subsets of the full 30-core samples. Each 15-core sample was assembled by computer model. The difference between lowest and highest values is expressed as a percentage of the 30-core sample mean.  $R^2$  values and *p*-values are shown for significant regressions.