Proportions sparsity filtered at 0.1% abundance Principal Coordinates Analy effect size of separation of groups 2 & 1:0.284 Second Component 0.074 variance explained 0.1 0.0 -0.1 -0.2 -0.20.0 0.2 0.4 0.6 First Component 0.204 variance explained

Proportions sparsity filtered at 0.1% abundance Principal Coordinates Analy effect size of separation of groups 2 & 3: 1.363 0.05 Second Component 0.128 variance explained 0.00 -0.05-0.10-0.15-0.10.0 0.1 0.2 0.3 First Component 0.242 variance explained

effect size of separation of groups 1 & 3: 0.285 0.2 Second Component 0.086 variance explained 0.1 0.0 -0.1 -0.2 -0.6-0.4-0.20.0 0.2 First Component 0.238 variance explained

Proportions sparsity filtered at 0.1% abundance Principal Coordinates Analy

Proportions sparsity filtered at 0.1% abundance Principal Coordinates Analy effect size of separation of groups male & female: 0.093 0.1 Second Component 0.073 variance explained 0.0 -0.1 -0.20.0 0.2 0.4 0.6 First Component 0.202 variance explained

Proportions sparsity filtered at 0.1% abundance Principal Coordinates Analy effect size of separation of groups low & high: 0.001 0.1 Second Component 0.073 variance explained 0.0 -0.1 -0.20.0 0.2 0.4 0.6 First Component 0.202 variance explained

Proportions sparsity filtered at 0.1% abundance Principal Coordinates Analy effect size of separation of groups 2 & 1:0.001 0.1 Second Component 0.073 variance explained 0.0 -0.1 -0.20.0 0.2 0.4 0.6 First Component 0.202 variance explained