Mean ROC-curve for Human Gut II with effect 3 Experimental design: m = 5, d = 500 k, q = 3, f = 10% (10 repeats) 1.00 -0.75 -**True Positive Rate** Abundance strata low 0.50 medium high 0.25 -0.00 -0.2 0.4 0.6 0.8 0.0 1.0

False Positive Rate