[XGBoost] Hypergeometric test: Collapsing analysis vs mantis-ml predictions primary vs shuffle p-value:0.006799601610291521 >> Focusing on significant area only: primary -- area: 0.0 synonymous -- area: 0.0 common -- area: 0.0 shuffle -- area: 0.0 > primary / synonymous ratio: NA > primary / shuffle ratio: NA 50 >> Entire area: primary -- area: 24.21 synonymous -- area: 2.78 common -- area: 16.05 shuffle -- area: 1.47 Phred score from hypergeometric test (significance increasing in positive direction) $\overset{\bowtie}{\triangleright}$ > primary / synonymous ratio: 8.71 > primary / shuffle ratio: 16.47 10 20 25 Top 5.0% mantis-ml predicted genes

