Simulation of CNS-PiloAstro samples Observed.early Simulated.early 0.5 -0.0 sig_of_interest -0.5 pca.PC2 0.75 Observed.late Simulated.late 0.50 0.5 -0.25 0.00 0.0 --0.5 **-**0.0 0.0 -0.40.4 -0.4pca.PC1