Gaussianity of residual noise - HD 169022 Gaussianity of residual noise - HD 22049 (2) *S*⁴ *S*⁴ **Optimal PCA Optimal PCA** 30 0.06 0.02 -20 0.04 Observations Observations 0.01 10 -0.02 -0.00 0.00 -0 --0.02 -10-0.01-0.04-20 $R^2 = 0.985$ $R^2 = 0.979$ $R^2 = 0.992$ $R^2 = 0.996$ -0.02 · -0.06-2 Expected Expected Expected Expected normal values normal values normal values normal values