



Fig 4 We fitted the same Abell 370 data to 5th degree (6 free parameters) using a) Legendre polynomials and b) monomials and computed the Pearson correlation matrices. The Legendre representation is strikingly less correlated than the monomials. As described in the text, the nearly diagonal correlation matrix of the Legendre polynomials is preferable to the checkerboard that the monomials produced.