

PCA tomography to analyze S-PLUS data cubes

Abstract

We present preliminary results of the application of PCA tomography to a set of 30 S-PLUS data cubes. Several different "flavours" of PCA are experimented with (with x without normalization, scaling, etc). The eigenspectra and corresponding images (tomograms) reveal interesting but hard-to-interpret features. To aid in the interpretation we plan to combine these results with those of the spectral fitting code AISTar.

