

Supporting Information for "Power Spectral Density Background Estimate and Signals Detection via the Multitaper Method."

S. Di Matteo^{1,2}, N. M. Viall², L. Kepko²

¹Physics Department, The Catholic University of America, Washington, DC 20664, USA.

²NASA - Goddard Space Flight Center, Greenbelt, MD 20771, USA.

Contents of this file

1. Figure S1

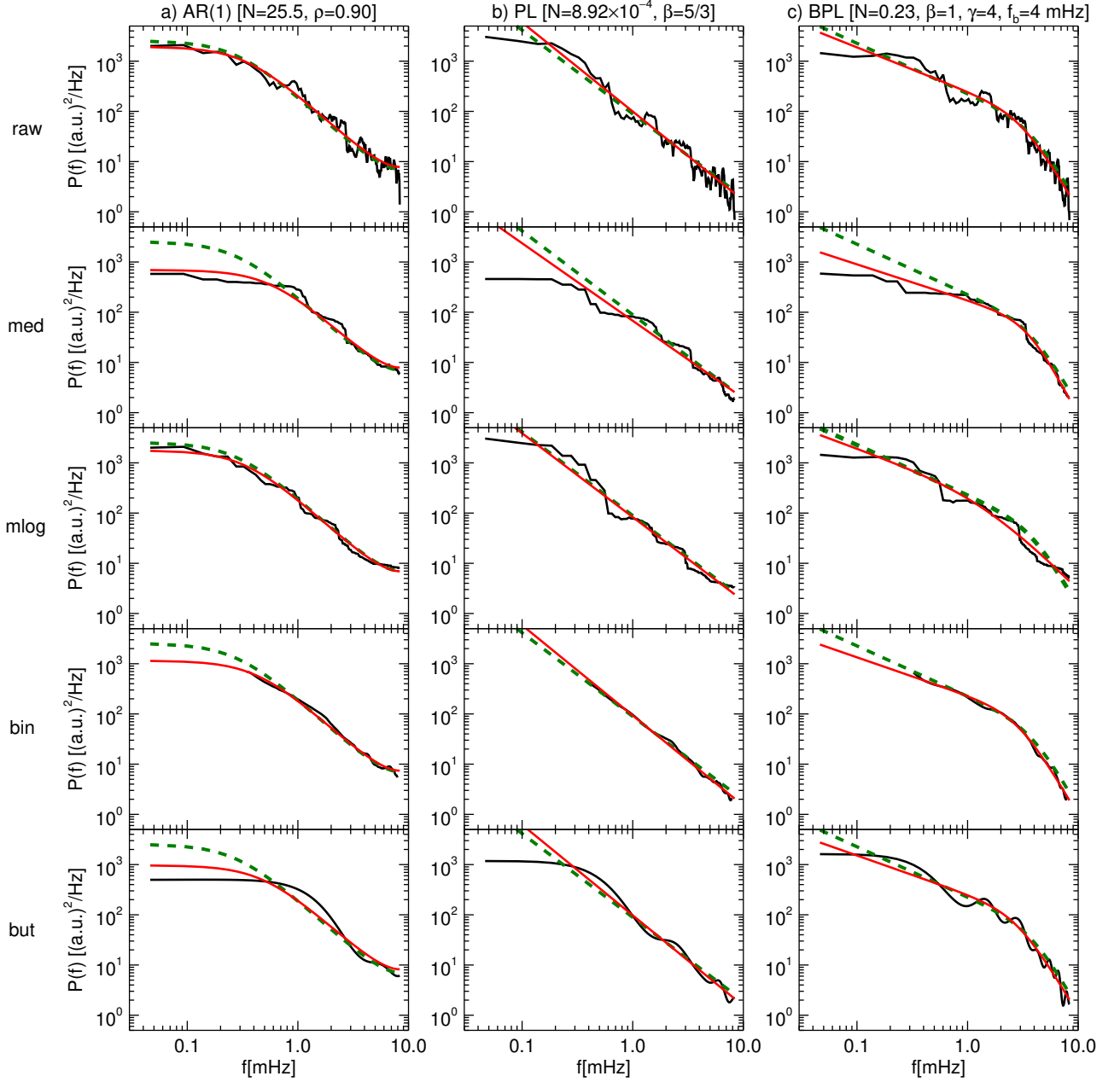


Figure S1. From the top, the black lines represent the direct power spectrum (*raw*) and its four smoothed representations (*med*, *mlog*, *bin*, *but*) for the same AR(1) (column a), PL (column b), and BPL (column c) time series showed in Figure 2. The red line are the background spectra obtained via the maximum likelihood approach, while the green lines the true spectra, whose parameters are given on top of each column.