

Save

Step 1: Characterization Step 2: Synthesis Step 3: Analysis

Characterization Data

Select File D:\example_data\LFP_BLA_gamma_Charac

Synthesis Settings

Sampling Rate ☒ Same as LFP Data ☐ Specify: 1000 Hz

Rng Seed 0 Options Load

Optimize Amplitude Distribution Parameters

Synthetic Data Length

☒ Default ☐ Specify: 1000 seconds

Distribution Types Population gamma ▼ Reset 12

gamma
lognormal
exponential

Fit Target ☒ Amplitude peak ☐ Amplitude

Options Fit

Generate Synthetic LFP

Synthetic Data Length

☒ Default ☐ Specify: 5000 seconds

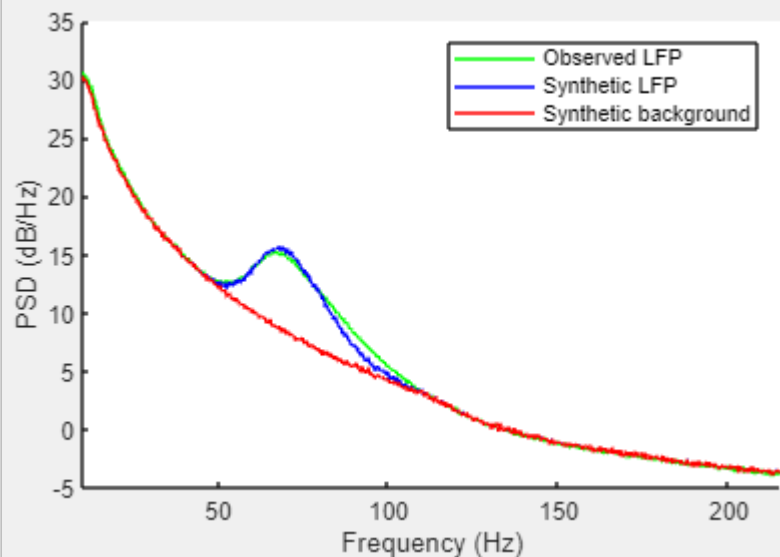
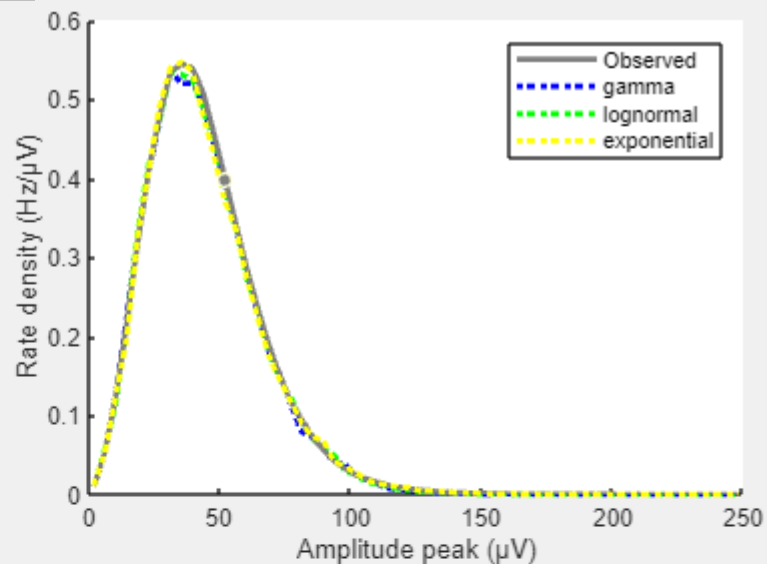
Distribution Type gamma ▼ Run

Save Synthesis Parameters

LFP_BLA_ga ☒ Also Save Synthetic LFP Save

Results

1.000 0.034 0.032
0.034 1.000 0.053
0.032 0.053 1.000
Logscale correlation coefficients:
1.000 0.045 0.038
0.045 1.000 0.064
0.038 0.064 1.000
Results saved in
"D:\example_data\LFP_BLA_gamma_SynData_.mat".



Power Spectral Density

Bursts Statistics