Save

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

Characterization Data

Select File | D:\example_data\LFP_seg_Charac.mat

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: gamma, lognormal, exponential

Population: gamma | Reset | 12

Fit Target (•) Amplitude peak ( ) Amplitude

Options | Fit

Generate Synthetic LFP

Synthetic Data Length

(•) Default ( ) Specify: 5000 seconds

Distribution Type: gamma | Run

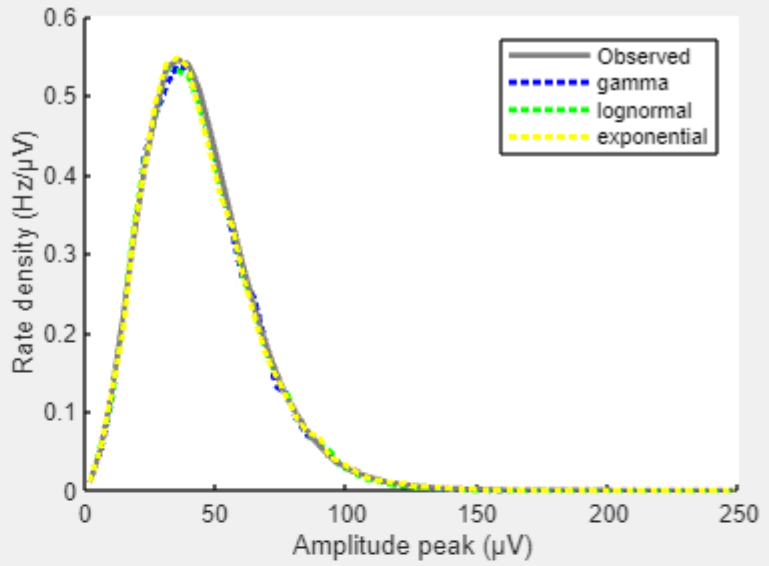
Save Synthesis Parameters

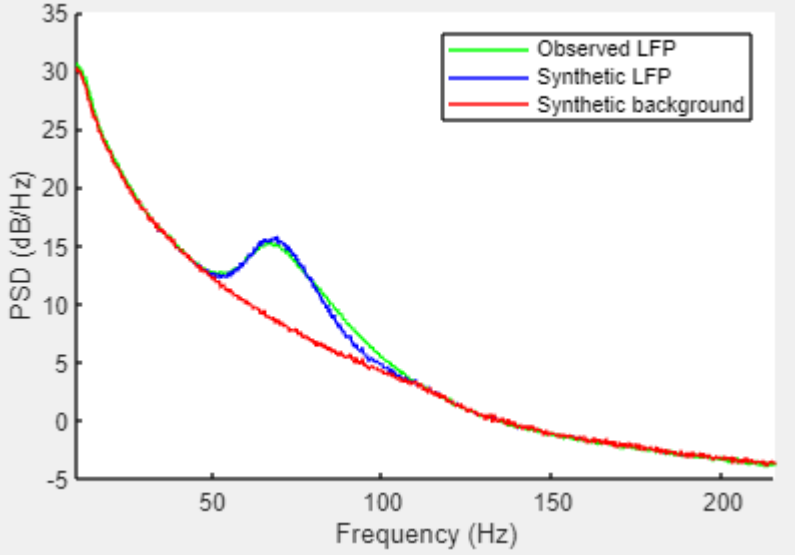
LFP_seg_Syn | [✓] Also Save Synthetic LFP | Save

Results

```
 1.000  0.039 -0.003
 0.039  1.000  0.070
-0.003  0.070  1.000
Logscale correlation coefficients:
1.000 0.056 0.003
0.056 1.000 0.084
0.003 0.084 1.000

Results saved in "D:\example_data\LFP_seg_SynData.mat".
```





Power Spectral Density | Bursts Statistics