



Probe Level Putative SWR Events CSV
Event Timing (Start, end, duration)
Ripple Envelope Stats (Max, time of max, Min, median, mean, 90th Quantile)
Ripple Power Stats (Max, time of max, Min, median, mean, 90th Quantile)
Sharp-Wave Power Stats (Max, time of max, Min, median, mean, 90th Quantile)
Phase-Amplitude (Phase Locking, Modulation Index, Circulinear-Correlation)
Artifact (Overlaps TRUE/FALSE, percentage of event duration with overlap)

Movement Artifacts CSV
Event Timing (Start, end, duration)
Ripple Envelope Stats (Max, time of max, Min, median, mean, 90th Quantile)

Gamma Artifacts CSV
Event Timing (Start, end, duration)

Channel Selection Metadata JSON
Ripple Band (120–250 Hz) (Channel IDs, Depths, Skewness, Net Power, Selected Channel ID, Selection Method)
Sharp-Wave Band (8–40 Hz) (Channel IDs, Depths, Sharp-Wave Power, Modulation Index, Circular-Linear Correlation, Selected Channel ID, Selection Method)

Run Settings JSON
Config YAML Settings
Run Name

Global SWR Events CSV
Timing (Start, End, Duration)
Probe ID and Event ID
Peak Ripple Power Information (Peak times, Global Peak)

Probe Metadata CSV
CA1 Span (channel count, microns along probe)
Unit Counts (Total units, Good Quality Unit Count, Total CA1 Units, Good Quality CA1 Unit Count)