

Histogram	Description	Useful for	Further Processing
Peri-Stimulus Time (PST)	Distribution of spikes over time course of stimulus	All stimuli (transient, periodic, stationary, time-varying)	Spectrum for transient and periodic stimuli Spectrogram for time-varying stimuli
(First-order) Interspike Interval	Distribution of intervals between successive spikes	Stationary and periodic stimuli, spontaneous activity	Spectrum
Period Histogram	Distribution of spikes over stimulus cycle	Periodic stimuli with known period	Spectrum, Synchronization Index
Reverse Correlation (“Revcor”)	Average stimulus waveform preceding each spike	Noise with known waveform	Spectrum