



ADAPTIVE TRUNCATION THRESHOLDS

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‘Truncation Thresholds’ are a pair of voltage thresholds that are used for separating extracellular neural recordings into two segments consisting of signal and noise ([Okatan and Kocatürk, 2017](#)).

The software that computes the truncation thresholds adaptively can be downloaded using the link below. The file’s [sha256sum](#) is given in the table.

File	Size	Contents	
adaptive_ke.rar	5 MB	runner.m	calls adaptive_ke.m.
		adaptive_ke.m	adaptively computes the truncation thresholds.
		fit_truncated.m	fits truncated normal pdf to subthreshold data by maximum likelihood.
		filtered_recording.mat	sample filtered extracellular recording. Courtesy of Asst. Prof. Dr. Mehmet KOCATÜRK.
af5d3b64350aa196907bd5e3b9841295c6aa977848a64a7e8b33f36683a04083			

Related References

Okatan M, Kocatürk M. 2017. [Truncation thresholds: a pair of spike detection thresholds computed using truncated probability distributions](#). Turk J Elec Eng & Comp Sci (2017) 25: 1436-1447. doi:10.3906/elk-1603-33; Available online: 12.05.2016.

Support

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