**MATLAB Functions Needed for Fiber Photometry Analysis using TDT’s TDTbin2mat**

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To process fiber photometry data, you’ll need to get the latest version of MATLAB. Then you’ll need to install the following add-ons. To do this, go to Home>Add-Ons>Get Add-Ons to bring up the add-on explorer. Search for each of the add-ons by name and install.

Image Processing Toolbox

Image Acquisition Toolbox

Signal Processing Toolbox

Statistics and Machine Learning Toolbox

Curve Fitting Toolbox

Econometrics Toolbox (only for correlations between signals)