Inventory of Files Contained in Supplement 2

1) Workspaces containing vectors if IMTs, G1-times, and/or S-G2-M times:

* DMSO\_imts\_April2017.mat
* erlot\_imts\_April2017.mat
* FUCCI\_April2017.mat
* MCF\_imts\_April2017.mat
* CHX\_imts\_April2017.mat
* PC9\_April2017.mat

2) Codes to illustrate how the csv files were processed in order to extract IMTs and minimize bias due to effects such as crowding and the end of the experiment:

* erlotdata\_July.mat
* GetProcessedData\_erlot\_July.m

3) Custom probability density functions:

* emgpdf.m
* onestagepdf2.m
* onestagepdf\_lag.m
* twostagepdf\_lag.m
* convolv\_2invG\_nov.m
* convolv\_2invG\_adapt\_nov.m
* convolve\_3invG\_nov.m

4) Master script that calls the functions above in order to perform maximum likelihood parameter esimtation:

* IMT\_analysis\_April2017.m

Note: IMT\_analysis\_April2017.m uses allcomb.m, which is available through the MathWork file exchange. <https://www.mathworks.com/matlabcentral/fileexchange/10064-allcomb-varargin->