

The code included in this folder accompanies Prins, N. (2013). Functions in this folder are taken from the Palamedes Toolbox version 1.6.0 ([www.palamedestoolbox.org](http://www.palamedestoolbox.org)).

Psimarginal\_Demo.m demonstrates behavior of the psi-method (Kontsevich & Tyler, 1999), the psi<sup>+</sup> method (Prins, 2012; Prins, 2013) and the psi-marginal method (Prins, 2013).

#### Instructions:

Copy files to any folder.

In Matlab, navigate to this folder (or add folder to Matlab's path).

Type: Psimarginal\_Demo.

Follow prompts.

#### References:

Kontsevich, LL & Tyler, CW (1999). Bayesian adaptive estimation of psychometric slope and threshold. *Vision Research*, 39, 2729-2737.

Prins, N (2012). The adaptive Psi method and the lapse rate. Poster presented at the 12th annual meeting of the Vision Sciences Society. <http://f1000.com/posters/browse/summary/1090339>

Prins, N. (2013). The psi-marginal adaptive method: how to give nuisance parameters the attention they deserve (no more, no less). *Journal of Vision*, 13(7), 3, 1-17