Purpose is to: Using NSEM: Examine effect of ON/OFF Hard rectification channels,no cone model, fixed spatial filter STA

UOP: Unconditioned Optimal Prediction, ie. the mean rate of the raster

"Bits" refers to the (LogProb of Model – LogProb of Uniform Firing Rate)

Each color is a different retinal prep

Symbol * is for OFF Parasol, Symbol . is for ON Parasol

If bits are negative, consider model fail , plotted as zero

Computation Date 30–Mar–2014 22:47:28

Plot Date 30–Mar–2014 22:48:57

Computation mfile: /netapp/snle/lab/temp$_m$atlabcodeAH/glm$_A$H$_2$1/Metrics$_E$valuation/comparefits$_L$OGPROB$_r$obust

GLM Perfomance: Bits Per Spike

hard rect ON and Off channel

single linear channel

GLMperformance / UOPperformance

hard rect ON and Off channel

single linear channel