TABLE I: Model Optimization Results

Model	Feature Set	pca-ϵ	c	ϵ	ϵ-ins.	MSE	R^2
horiz. gaze	positional	-	1	0.1	2	33.25	0.68
horiz. gaze	HOG	-	0.1	0.5	2	36.14	0.66
horiz. gaze	HOG+pos.	-	1	0.1	1	23.40	0.78
vert. gaze	positional	-	0.1	0.5	2	41.69	0.43
vert. gaze	HOG	-	0.1	0.05	1	30.18	0.59
vert. gaze	HOG+pos.	0.8	0.1	0.5	2	27.24	0.61
lid	HOG	0.85	5	0.025	0.1	0.05	0.80
lid	HOG+pos.	0.9	5	0.05	0.1	0.048	0.80