

2006 Pittsburgh Brain Activity Interpretation Competition Summary Score

Fast Prediction Using Large Numbers of Voxels with Kernel Based Non-linear Partial Least Squares Regression

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Title
Authors
Institution:

Rank

7 Method Description

29 Competition Score

0.450

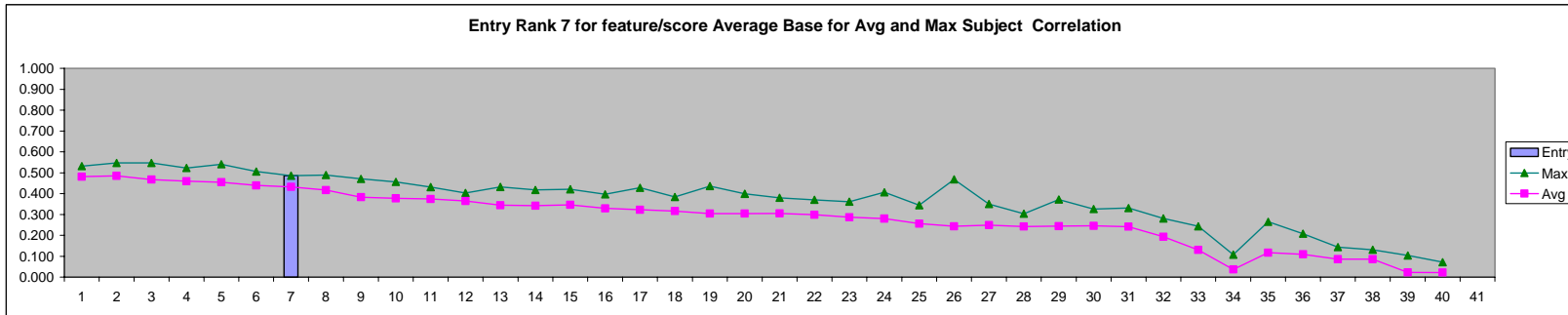
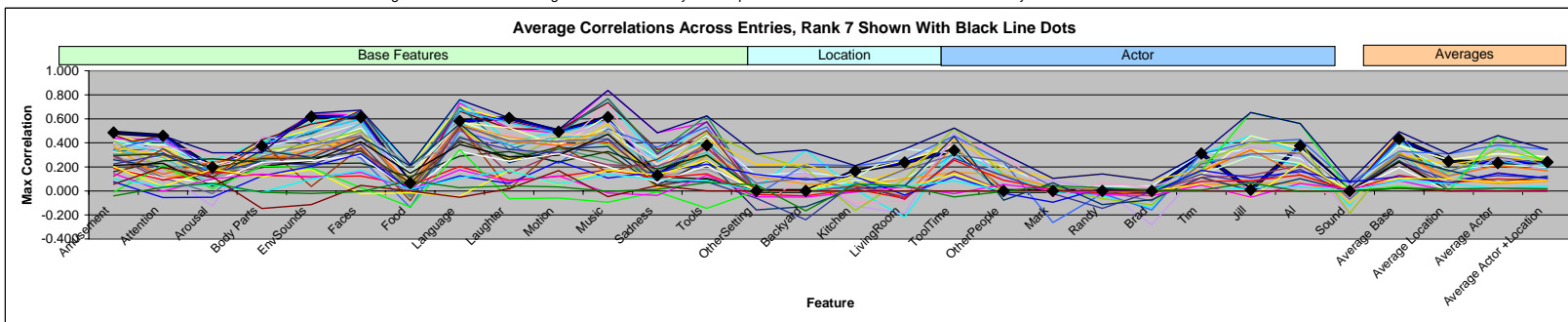
Highest Feature Correlation

0.677

Any feature in which the entry was within the top 5% of prediction is indicated as TOP in the grid below

Top Predictions	AVG Top	TOP	TOP	TOP	TOP	TOP			TOP	TOP					TOP					TOP										
	Max Top	TOP							TOP	TOP																				
		Amusement	Attention	Arousal	Body Parts	EnvSounds	Faces	Food	Language	Laughter	Motion	Music	Sadness	Tools	OtherSetting	Backyard	Kitchen	LivingRoom	TooTime	OtherPeople	Mark	Randy	Brad	Tim	Jill	Al	Sound	Average Base	Average Location	Average Actor
Feature Correlations	Average	0.49	0.46	0.20	0.37	0.62	0.61	0.07	0.58	0.61	0.49	0.61	0.13	0.38	0.00	0.00	0.17	0.24	0.34	0.00	0.00	0.00	0.00	0.31	0.01	0.38	0.00	0.43	0.25	0.23
	Highest Sub	0.56	0.62	0.35	0.41	0.68	0.65	0.07	0.60	0.63	0.52	0.63	0.17	0.43	0.00	0.00	0.17	0.24	0.34	0.00	0.00	0.00	0.00	0.31	0.01	0.38	0.00	0.49	0.25	0.23
Best In Competition	Average	0.49	0.46	0.32	0.32	0.65	0.67	0.22	0.76	0.61	0.51	0.84	0.48	0.62	0.31	0.34	0.21	0.35	0.52	0.31	0.10	0.14	0.09	0.31	0.65	0.56	0.08	0.49	0.31	0.46
	Highest Sub	0.56	0.70	0.55	0.55	0.79	0.71	0.35	0.79	0.63	0.55	0.86	0.54	0.65	0.39	0.34	0.38	0.60	0.58	0.46	0.24	0.30	0.34	0.39	0.65	0.56	0.12	0.55	0.46	0.48

Average correlation is the average over the three subjects. Top correlation is the correlation for the best subject.



Top three scores will be released June 15 at the Organization of Human Brain Mapping, Florence Italy