

2006 Pittsburgh Brain Activity Interpretation Competition Summary Score

Temporal and Cross-Subject Probabilistic Models for fMRI Prediction Tasks

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Title
Authors
Institution:

Rank	3 Method Description	2	Competition Score	0.493	Highest Feature Correlation	0.777
Top Predictions	AVG Top Max Top		TOP TOP TOP TOP		TOP TOP TOP TOP	TOP TOP TOP TOP
Feature	Average					
Correlations	Highest Sub					

Feature	Average	Correlations
Amusement	0.41	0.44
Attention	0.32	0.49
Arousal	0.26	0.55
EnvSounds	0.57	0.72
Faces	0.65	0.71
Food	0.21	0.24
Language	0.76	0.78
Laughter	0.41	0.44
Motion	0.50	0.55
Music	0.74	0.77
Sadness	0.27	0.38
Tools	0.57	0.59
OtherSetting	0.02	0.02
Backyard	0.34	0.34
Kitchen	0.01	0.01
LivingRoom	-0.22	-0.22
ToolTime	0.34	0.34
OtherPeople	0.14	0.14
Mark	-0.01	-0.01
Randy	-0.04	-0.04
Brad	-0.14	-0.14
Tim	0.31	0.31
Jill	0.46	0.46
AI	0.32	0.32
Sound	-0.13	-0.13
Average Base	0.47	0.55
Average Location	0.05	0.05
Average Actor	0.36	0.36
Average Actor +Location	0.20	0.20

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

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

