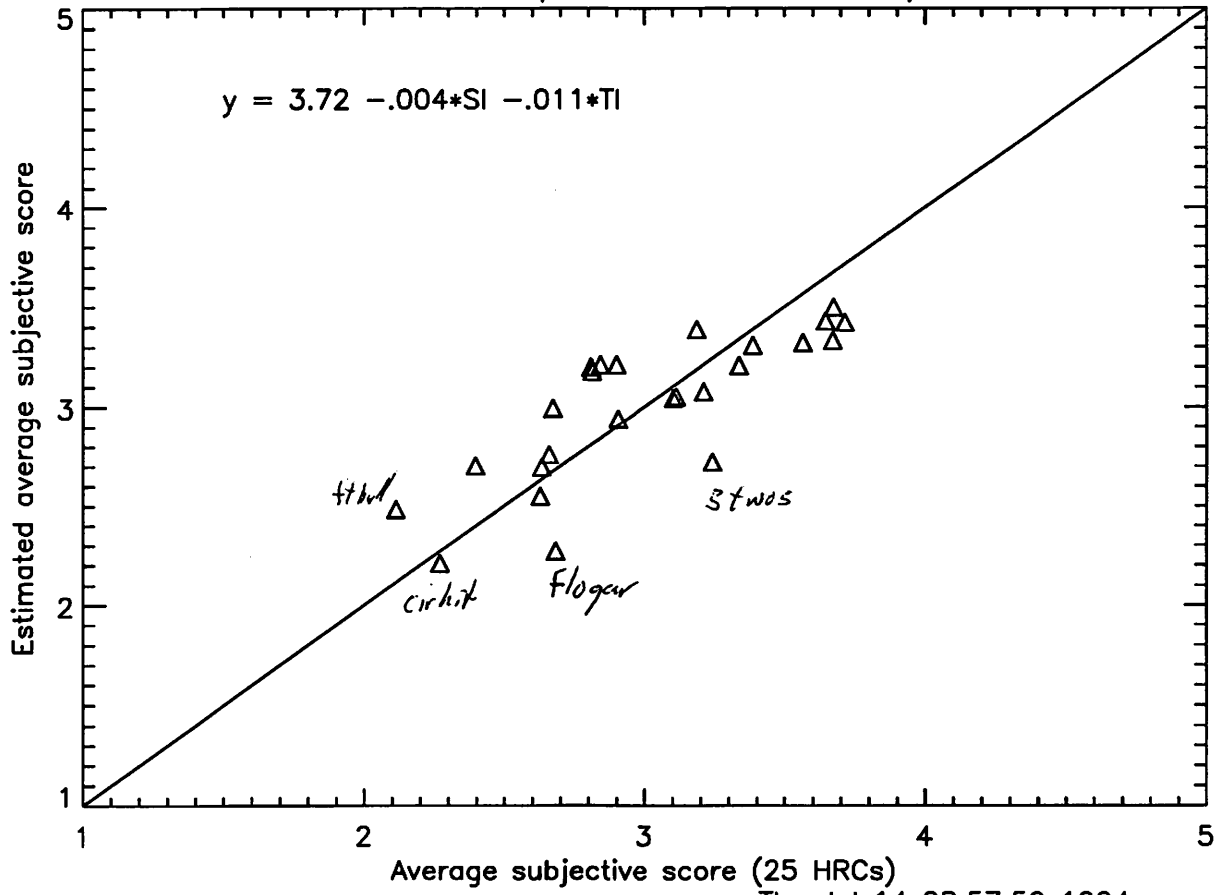


SI and TI used to predict test scene equivalence



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SI and TI used to predict test scene equivalence (coding difficulty).

$$y = 3.72 v - .004 * SI - .011 * TI$$

SI and TI are calculated on the original (undistorted) video scenes.
The average subjective score is taken over all 25 HRCs in the T1A1.5 test.
Correlation coefficient = 0.8058

name	si(i)	ti(i)	ave subj	est subj	error
vtc2mp.dat	82.3381	4.31719	3.67120	3.33143	0.339769
vtc2zm.dat	94.9949	22.8884	3.21120	3.07516	0.136041
washdc.dat	130.467	16.9714	2.67320	2.99363	-0.320431
3inrow.dat	81.6569	30.8116	3.10360	3.04322	0.0603776
boblec.dat	64.8490	21.8851	2.90000	3.21070	-0.310701
vtc1nw.dat	56.2229	5.33858	3.64560	3.42808	0.217515
5row1.dat	77.2752	8.49582	3.38600	3.30645	0.0795548
flogar.dat	226.979	46.4533	2.68320	2.27114	0.412064
ftball.dat	156.610	53.6878	2.11360	2.48234	-0.368739
susie.dat	58.7083	24.5949	3.33720	3.20630	0.130899
disguy.dat	48.8047	8.81010	3.71400	3.42059	0.293406
disgal.dat	34.0441	7.29360	3.67360	3.49822	0.175377
smity1.dat	152.011	30.2969	2.66000	2.75827	-0.0982687
smity2.dat	154.531	35.0765	2.63440	2.69536	-0.0609591
intros.dat	78.1051	41.5875	2.90560	2.93953	-0.0339277
3twos.dat	62.9907	67.1602	3.24200	2.72106	0.520939
2wbord.dat	68.7484	66.7552	2.39640	2.70173	-0.305327
split6.dat	92.4662	11.5933	2.84280	3.20967	-0.366873
cirkit.dat	237.699	48.0313	2.27040	2.20952	0.0608773
rodmap.dat	170.454	42.5910	2.62840	2.54705	0.0813549
filter.dat	55.4765	15.4525	3.56520	3.32007	0.245127
ysmite.dat	88.7212	16.0080	2.81360	3.17665	-0.363050
vowels.dat	114.262	17.8241	3.11400	3.05120	0.0627987
inspec.dat	46.8349	12.7507	3.18680	3.38545	-0.198646
fredas.dat	62.9536	23.7550	2.80880	3.19799	-0.389191