

## 8 Appendix

### 8.1 Material

#### 8.1.1 Pre-Study 1a

Figure 8-1: Sketch of the room in which the photographs for Pre Study 1a have been shot.

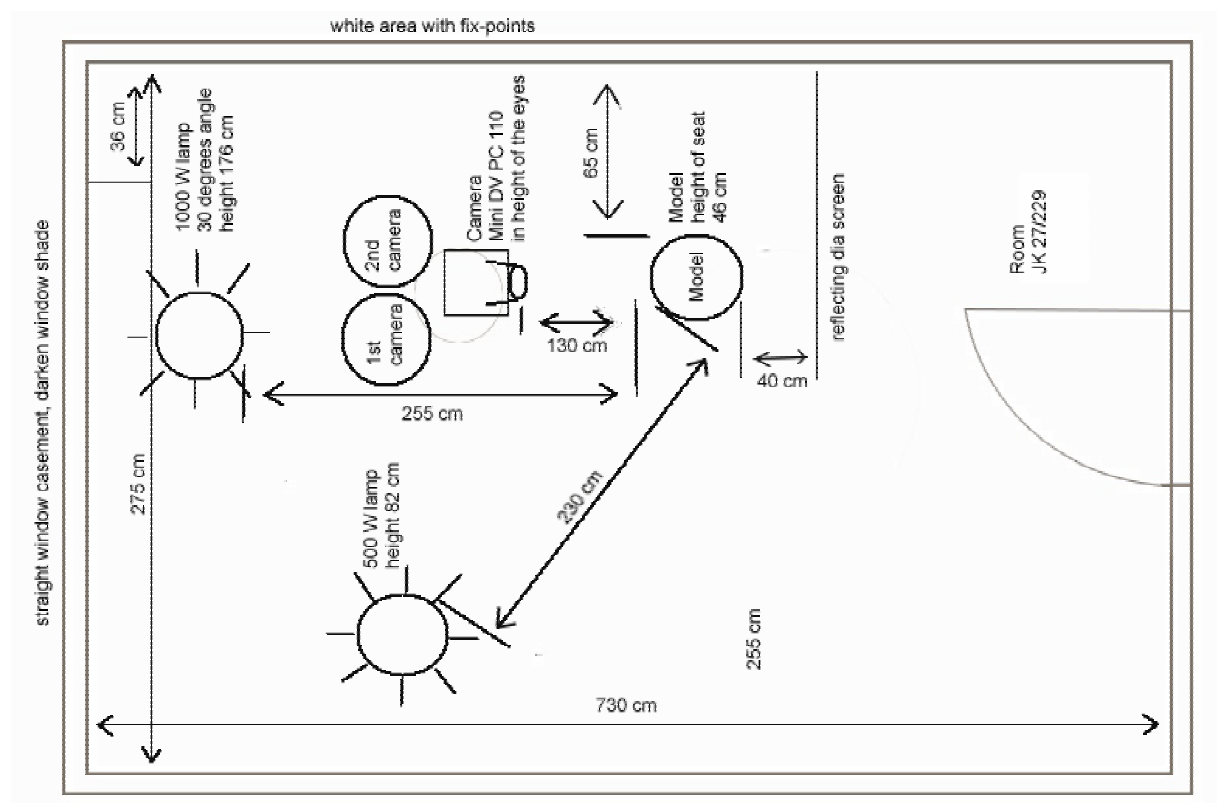


Figure 8-2: DADA-O-Faces (the female set of 22 original DADA-Faces used for the unfamiliar faces pre-studies); ‘O’-Faces means that these faces are original ones.

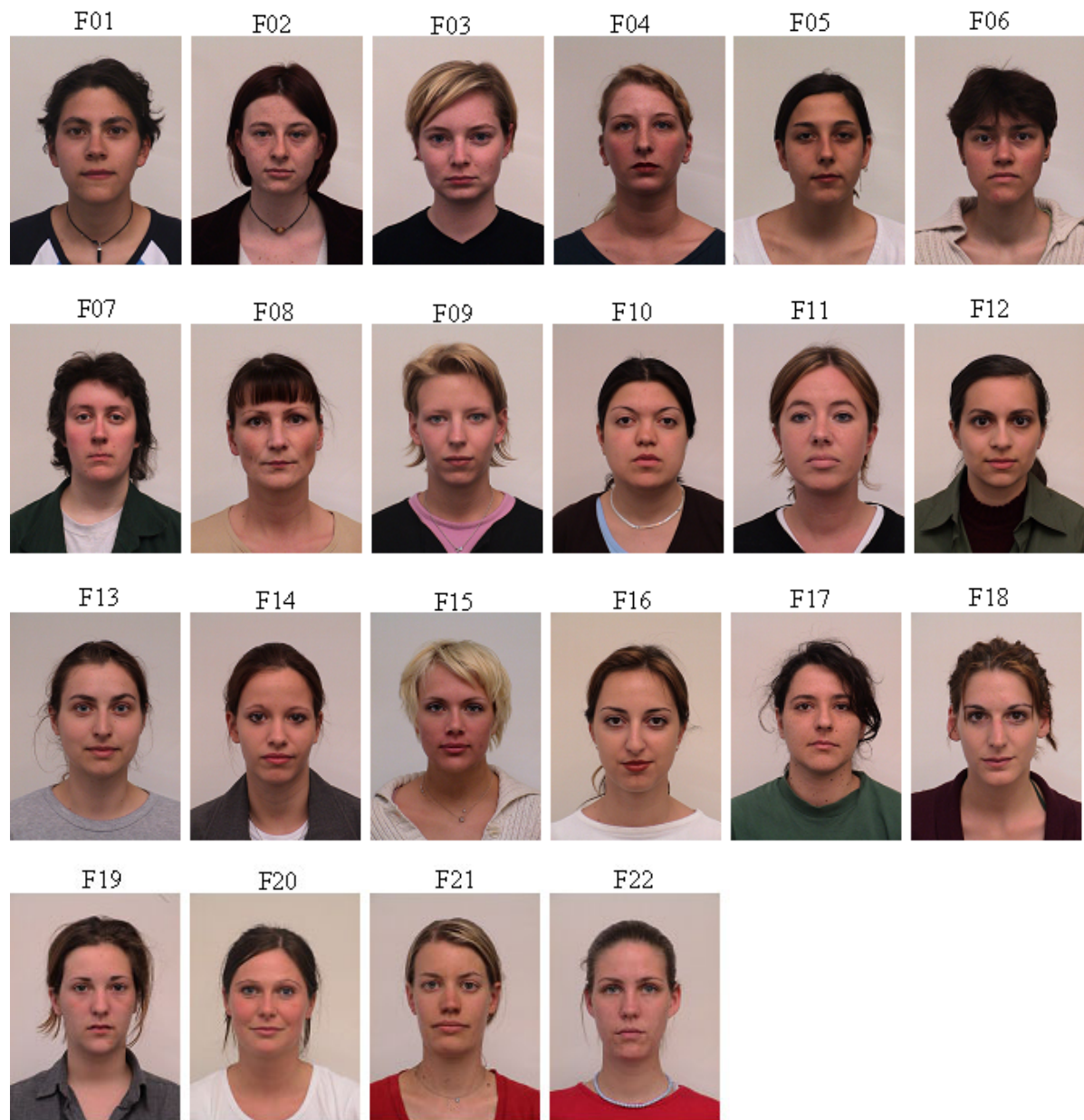
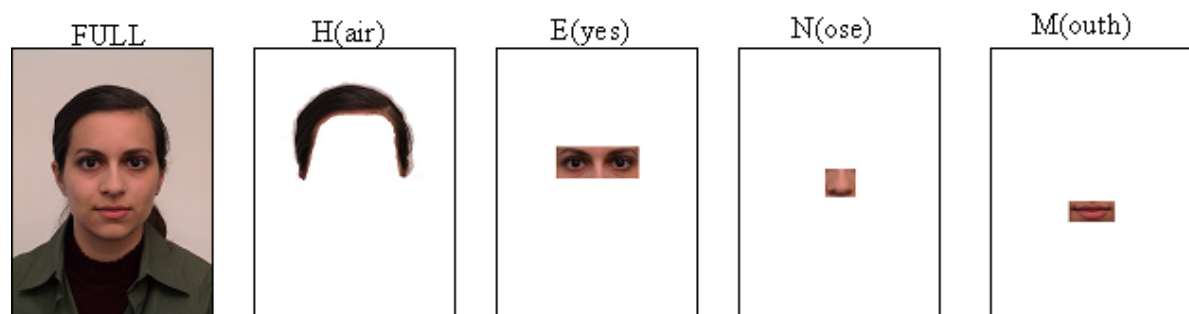


Figure 8-3: Example of one face (F12) in its full appearance (most left) and its featural presentation.



### 8.1.2 Pre-Study 2

Figure 8-4: High distinctive local DADA-M-Faces (for a better illustration all features are high distinctive according to an ‘ENM’ condition).



Figure 8-5: High distinctive configural DADA-M-Faces (for a better illustration all features are high distinctive according to an ‘ENM’ condition).

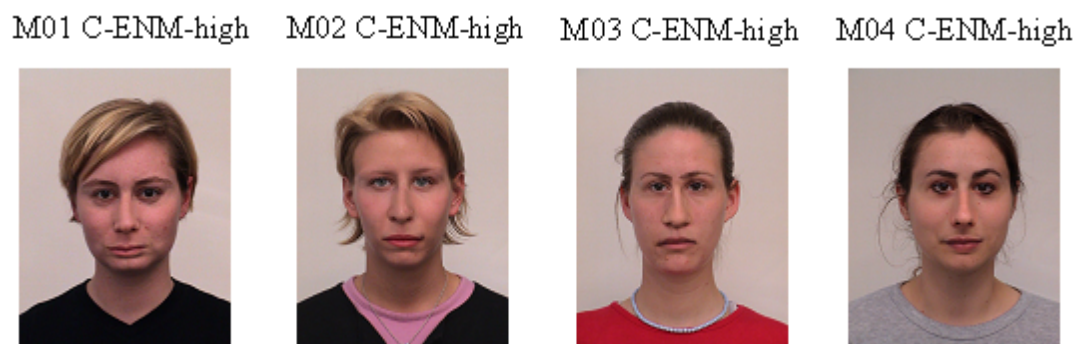
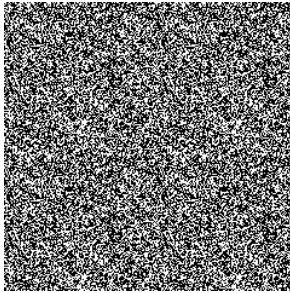


Table 8-1: Key of all manipulation creating the manipulated faces (M-Faces; see above) from the original face parts (from the O-Faces; see above).

Face	Composition	Eyes	Nose	Mouth
<i>M01</i>	original (O-Face)	F03W	F03W	F03W
	basic face	F06W	F08W	F18W
	local low salience	F05W	F09W	F22W
	local high salience	F07W	F02W	F12W
<i>M02</i>	original (O-Face)	F09W	F09W	F09W
	basic face	F22W	F13W	F14W
	local low salience	F01W	F19W	F21W
	local high salience	F16W	F11W	F10W
<i>M03</i>	original (O-Face)	F22W	F22W	F22W
	basic face	F19W	F12W	F06W
	local low salience	F02W	F20W	F17W
	local high salience	F10W	F18W	F16W
<i>M04</i>	original (O-Face)	F13W	F13W	F13W
	basic face	F14W	F17W	F09W
	local low salience	F09W	F10W	F02W
	local high salience	F12W	F16W	F11W

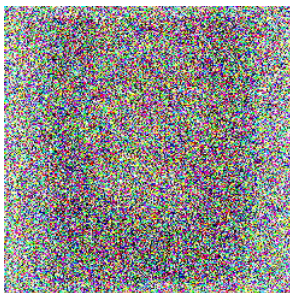
### 8.1.3 Experiment 1

Figure 8-6: Visual mask used in several experiments (i.e. Exp.1, Exp.2, Exp.3a, Exp.3b, Exp.5) to mask the visual stimulus backwards.



### 8.1.4 Experiment 4

Figure 8-7: Visual Gauss mask used in Experiment 4 to mask the visual stimulus backwards.



## 8.2 Statistics

### 8.2.1 Pre-Study 1a

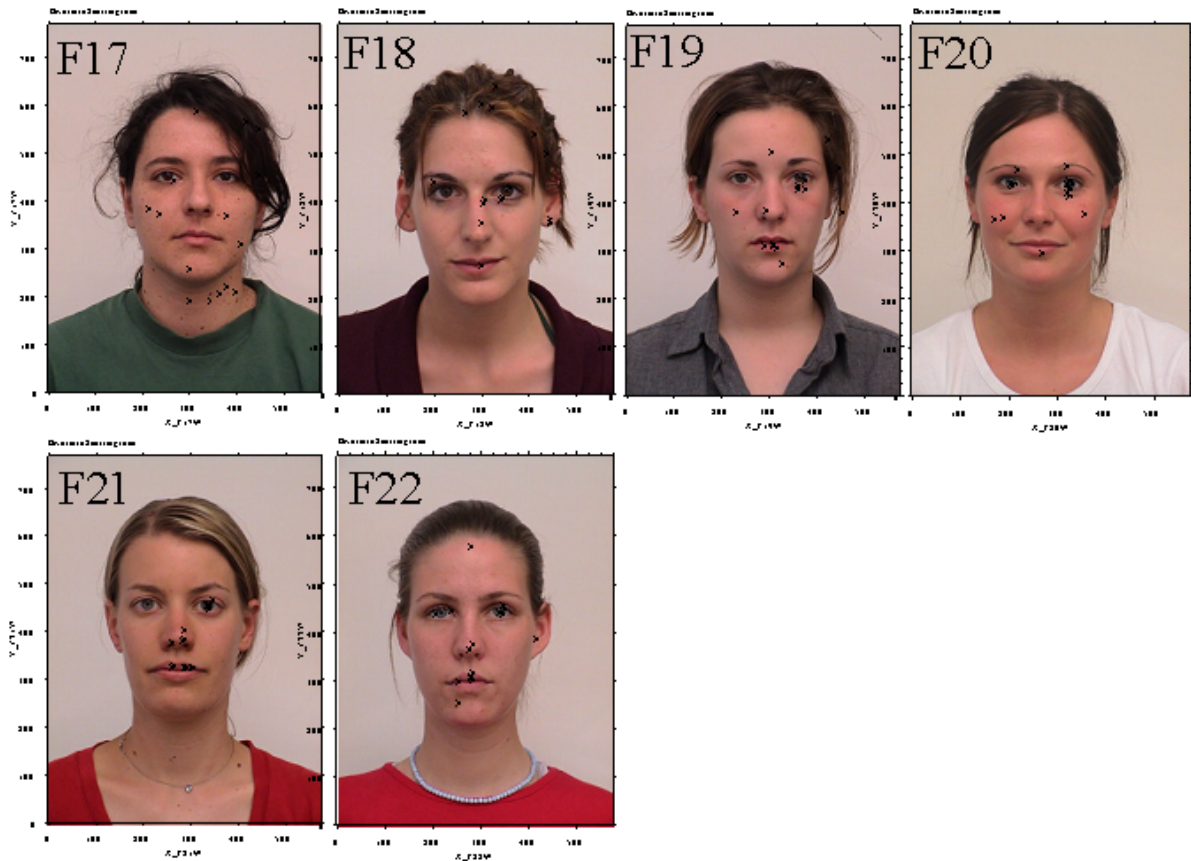
Table 8-2: Distinctiveness data of the *DADA-O*-faces used in Pre-Study 1a, split by the focused parts (eyes, nose and mouth).

Face Nr.	Eyes	Nose	Mouth	Hair	Full-Face
F01	3.125	2.625	3.188	3.312	3.867
F02	2.875	3.625	2.688	3.312	3.375
F03	3.250	2.625	2.062	4.250	2.812
F04	3.562	3.062	3.500	2.125	3.812
F05	3.000	2.625	2.812	2.375	2.688
F06	3.562	2.188	2.375	2.812	2.750
F07	4.312	2.875	2.812	2.625	3.625
F08	3.812	2.125	3.438	3.500	3.750
F09	2.938	2.250	3.250	3.438	2.625
F10	4.562	2.312	4.500	2.062	3.938
F11	3.938	3.688	4.562	3.688	3.250
F12	4.562	2.312	4.062	3.062	4.938
F13	4.125	2.750	2.875	2.125	2.875
F14	3.750	2.312	3.562	2.062	3.125
F15	3.875	2.875	3.500	4.938	3.938
F16	4.312	3.625	4.625	2.250	4.188
F17	3.188	2.562	2.688	3.625	2.812
F18	3.875	3.125	2.750	4.500	4.438
F19	3.125	2.375	3.062	2.625	2.500
F20	4.250	2.188	3.188	3.125	3.625
F21	3.625	2.500	2.375	2.938	4.125
F22	3.812	3.000	2.750	2.312	3.125
average	3.702	2.710	3.210	3.048	3.463
range	2.875-4.562	2.125-3.688	2.062-4.625	2.062-4.938	2.500-2.938
SD	0.525	0.480	0.714	0.819	0.661



Figure 8-8: *Hotspots* for every used face; every cross stands for an individual *Hotspot* of one participant.





**Table 8-3: One-way repeated measurement ANOVA with FEATURE as within factor and distinctiveness rating as dependent variable.**

ANOVA Table for distinctiveness	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	15	24.447	1.630				
FEATURE	2	7.864	3.932	15.577	<.0001	21.154	1.000
FEATURE * Subject	30	7.572	.252				

**Table 8-4: Scheffé post-hoc test for the single inner facial parts with distinctiveness rating as dependent variable.**

Scheffé post hoc test; sign.level: 5%	Mean Diff.	Crit.Diff	P-Value	Significance
Eyes, Nose	.991	.457	<.0001	sig.
Eyes, Mouth	.491	.457	.0331	sig.
Nose, Mouth	-.500	.457	.0297	sig.

**Table 8-5: One-way repeated measurement ANOVA with FEATURE as within factor and Hotspot counting as dependent variable**

ANOVA Table for hotspot counting	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	15	.078	.005				
FEATURE	2	.348	.174	13.517	<.0001	27.034	.998
FEATURE * Subject	30	.386	.013				

**Table 8-6: Scheffé post-hoc test for the single inner facial parts with Hotspot counting as dependent variable**

Scheffé post hoc test; sign.level: 5%	Mean Diff.	Crit.Diff	P-Value	Significance
Eyes, Nose	.208	.103	<.0001	sig.
Eyes, Mouth	.088	.103	.1067	n.s.
Nose, Mouth	-.120	.103	.0203	sig.

## 8.2.2 Pre-Study 2

**Table 8-7: Raw distinctiveness data.**

Saliency	Feature	Configural	SD	Local	SD
High	E	3.88	1.54	4.25	2.02
	EM	5.13	1.96	4.50	1.71
	EN	4.38	1.93	4.44	2.10
	ENM	4.88	1.78	4.56	1.97
	M	3.94	1.57	3.13	1.31
	N	2.56	0.96	3.19	1.60
	NM	3.94	1.61	4.19	1.91
Low	E	2.56	1.15	3.19	1.72
	EM	2.69	1.35	3.69	1.40
	EN	2.94	1.06	3.25	1.53
	ENM	3.13	1.46	3.94	1.73
	M	3.06	1.34	3.00	1.32
	N	2.44	0.89	2.50	1.41
	NM	3.06	1.53	3.63	1.46

**Table 8-8: Raw attractiveness data.**

Saliency	Feature	Configural	SD	Local	SD
High	E	3.00	1.37	2.94	1.34
	EM	1.44	0.63	2.19	1.33
	EN	2.63	1.20	3.06	1.57
	ENM	1.44	0.63	2.00	1.21
	M	2.50	1.10	2.88	1.75
	N	3.81	1.68	3.69	1.54
	NM	2.63	0.89	2.75	1.81
Low	E	3.56	1.26	3.00	1.46
	EM	2.88	1.09	2.00	1.03
	EN	3.69	1.40	3.25	1.53
	ENM	3.25	1.39	1.94	0.85
	M	3.50	1.41	2.81	1.28
	N	4.00	1.71	4.06	1.65
	NM	3.56	1.15	2.56	1.37

**Table 8-9: Raw plausibility data.**

Saliency	Feature	Configural	SD	Local	SD
High	E	4.06	2.21	3.56	2.13
	EM	2.88	1.82	3.63	1.78
	EN	3.88	1.93	4.00	2.22
	ENM	3.44	1.86	3.19	1.94
	M	4.13	1.75	5.63	1.63
	N	5.63	1.46	5.25	1.92
	NM	3.69	2.02	4.88	2.16
Low	E	6.06	0.93	5.13	1.86
	EM	4.94	1.65	3.81	2.14
	EN	5.25	1.57	4.50	1.75
	ENM	5.00	1.86	3.06	1.73
	M7	5.88	1.03	4.63	1.96
	N	6.19	1.11	5.88	1.36
	NM	5.75	1.53	4.31	2.12

**Table 8-10: ANOVA table with distinctiveness as dependent variable.**

ANOVA Table for Distinctiveness	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	15	521.571	34.771				
CLASS	1	4.723	4.723	1.653	.2180	1.653	.215
CLASS * Subject	15	42.848	2.857				
SALIENCE	1	110.009	110.009	51.124	<.0001	51.124	1.000
SALIENCE * Subject	15	32.277	2.152				
FEATURE	6	92.371	15.395	10.281	<.0001	61.684	1.000
FEATURE * Subject	90	134.772	1.497				
CLASS * SALIENCE	1	8.036	8.036	4.355	.0544	4.355	.487
CLASS * SALIENCE * Subject	15	27.679	1.845				
CLASS * FEATURE	6	8.996	1.499	1.280	.2746	7.679	.473
CLASS * FEATURE * Subject	90	105.433	1.171				
SALIENCE * FEATURE	6	19.835	3.306	2.758	.0166	16.547	.860
SALIENCE * FEATURE * Subject	90	107.879	1.199				
CLASS * SALIENCE * FEATURE	6	11.996	1.999	2.455	.0303	14.730	.807
CLASS * SALIENCE * FEATURE * Subject	90	73.290	.814				

**Table 8-11: ANOVA table with attractiveness as dependent variable.**

ANOVA Table for Attractiveness	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	15	331.071	22.071				
CLASS	1	4.321	4.321	1.482	.2423	1.482	.197
CLASS * Subject	15	43.750	2.917				
SALIENCE	1	29.009	29.009	15.427	.0013	15.427	.968
SALIENCE * Subject	15	28.205	1.880				
FEATURE	6	144.138	24.023	21.063	<.0001	126.379	1.000
FEATURE * Subject	90	102.647	1.141				
CLASS * SALIENCE	1	27.009	27.009	14.585	.0017	14.585	.959
CLASS * SALIENCE * Subject	15	27.777	1.852				
CLASS * FEATURE	6	3.022	.504	.622	.7123	3.731	.233
CLASS * FEATURE * Subject	90	72.906	.810				
SALIENCE * FEATURE	6	4.335	.722	1.025	.4145	6.149	.380
SALIENCE * FEATURE * Subject	90	63.451	.705				
CLASS * SALIENCE * FEATURE	6	11.397	1.900	1.947	.0817	11.681	.687
CLASS * SALIENCE * FEATURE * Subject	90	87.817	.976				

**Table 8-12: ANOVA table with plausibility as dependent variable**

ANOVA Table for Plausibility	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	15	387.230	25.815				
CLASS	1	16.127	16.127	1.845	.1945	1.845	.235
CLASS * Subject	15	131.123	8.742				
SALIENCE	1	90.181	90.181	14.900	.0015	14.900	.962
SALIENCE * Subject	15	90.783	6.052				
FEATURE	6	193.937	32.323	15.163	<.0001	90.980	1.000
FEATURE * Subject	90	191.848	2.132				
CLASS * SALIENCE	1	59.306	59.306	15.583	.0013	15.583	.969
CLASS * SALIENCE * Subject	15	57.087	3.806				
CLASS * FEATURE	6	15.795	2.632	1.211	.3082	7.264	.448
CLASS * FEATURE * Subject	90	195.705	2.175				
SALIENCE * FEATURE	6	20.054	3.342	2.355	.0370	14.130	.786
SALIENCE * FEATURE * Subject	90	127.732	1.419				
CLASS * SALIENCE * FEATURE	6	27.804	4.634	2.389	.0345	14.336	.793
CLASS * SALIENCE * FEATURE * Subject	90	174.554	1.939				



**Table 8-13: ANOVA table for *configural* faces with distinctiveness as dependent variable and SINGLEFEATURE (E,N,M) as within factor.**

ANOVA Table for Distinctiveness	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	15	32,495	2,166				
SINGLEFEATURE	2	8,510	4,255	6,082	,0061	12,164	,862
SINGLEFEATURE * Subject	30	20,990	,700				

**Table 8-14: ANOVA table for *local* faces with distinctiveness as dependent variable and SINGLEFEATURE (E,N,M) as within factor.**

ANOVA Table for Distinctiveness	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	15	63,750	4,250				
SINGLEFEATURE	2	6,635	3,318	3,976	,0294	7,953	,666
SINGLEFEATURE * Subject	30	25,031	,834				

**Table 8-15: Scheffé post-hoc tests for distinctiveness of *configural* faces with SINGLEFEATURE as independent factor.**

Scheffé post hoc test; sign.level: 5%	Mean Diff.	Crit.Diff	P-Value	Significance
E, M	-,281	,762	,6405	n.s.
E, N	,719	,762	,0675	n.s.
M, N	1,000	,762	,0079	sign.

**Table 8-16: Scheffé post-hoc tests for distinctiveness of *local* faces with SINGLEFEATURE as independent factor.**

Scheffé post hoc test; sign.level: 5%	Mean Diff.	Crit.Diff	P-Value	Significance
E, M	,656	,832	,1445	n.s.
E, N	,875	,832	,0375	sign.
M, N	,219	,832	,7964	n.s.

**Table 8-17: ANOVA table with distinctiveness as dependent variable and NUMBER-FEATURES (the number of changed face areas) as within factor.**

ANOVA Table for Distinctiveness	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	15	63.102	4.207				
NUMBER-FEATURES	2	8.117	4.058	22.268	<.0001	44.536	1.000
NUMBER-FEATURES * Subject	30	5.468	,182				

**Table 8-18: Scheffé post-hoc tests for distinctiveness with NUMBER-FEATURES as independent factor.**

Scheffé post hoc test; sign.level: 5%	Mean Diff.	Crit.Diff	P-Value	Significance
one, two	-,677	,389	<.0005	sig.
one, three	-,984	,389	<.0001	sig.
two, three	-,307	,389	,1436	n.s.

Figure 8-9: Shepard diagram of the PROXSCAL MDS solution of all similarity data of Pre-Study 2.

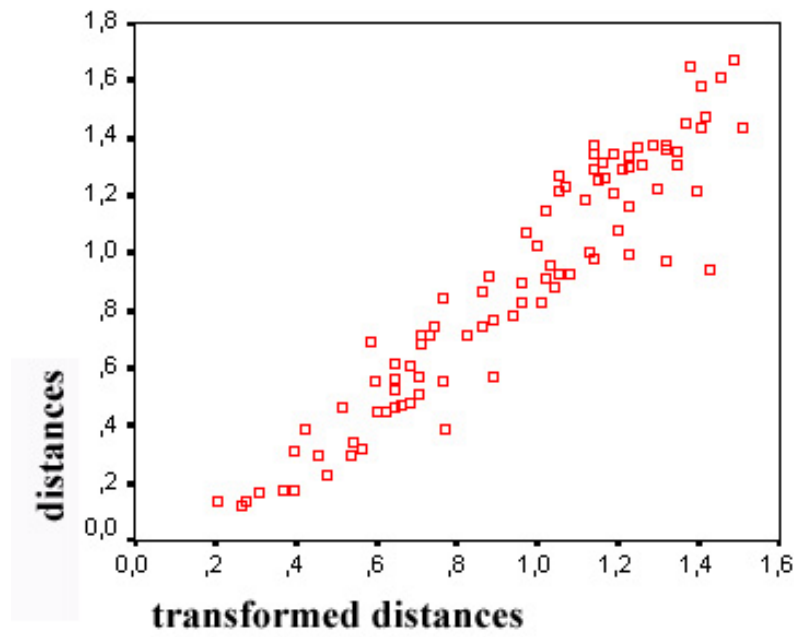


Figure 8-10: Scree-Plot of the PROXSCAL MDS from 2 to 5 dimensions for all similarity data.

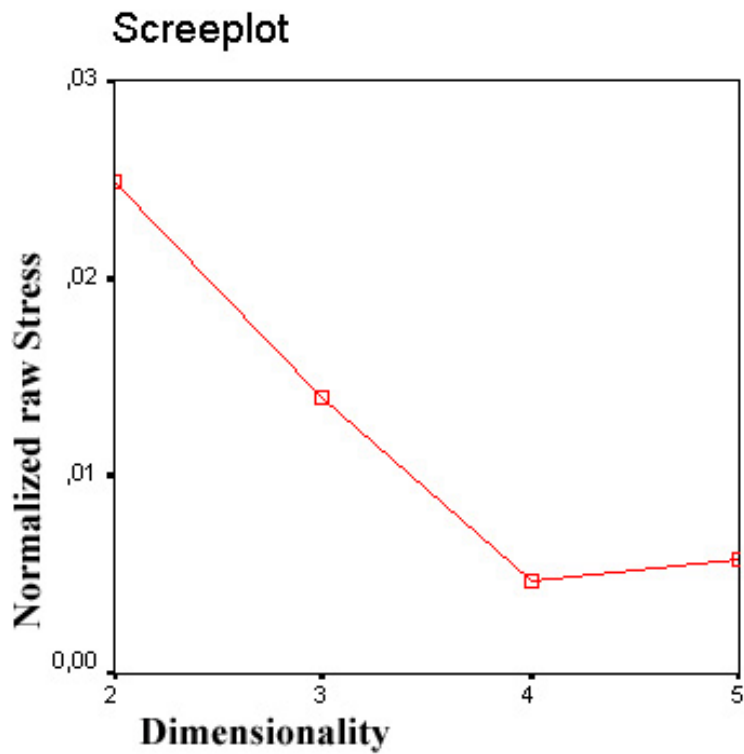


Figure 8-11: Alternative PROXSCAL MDS solution, this time only for the high salient face manipulations.

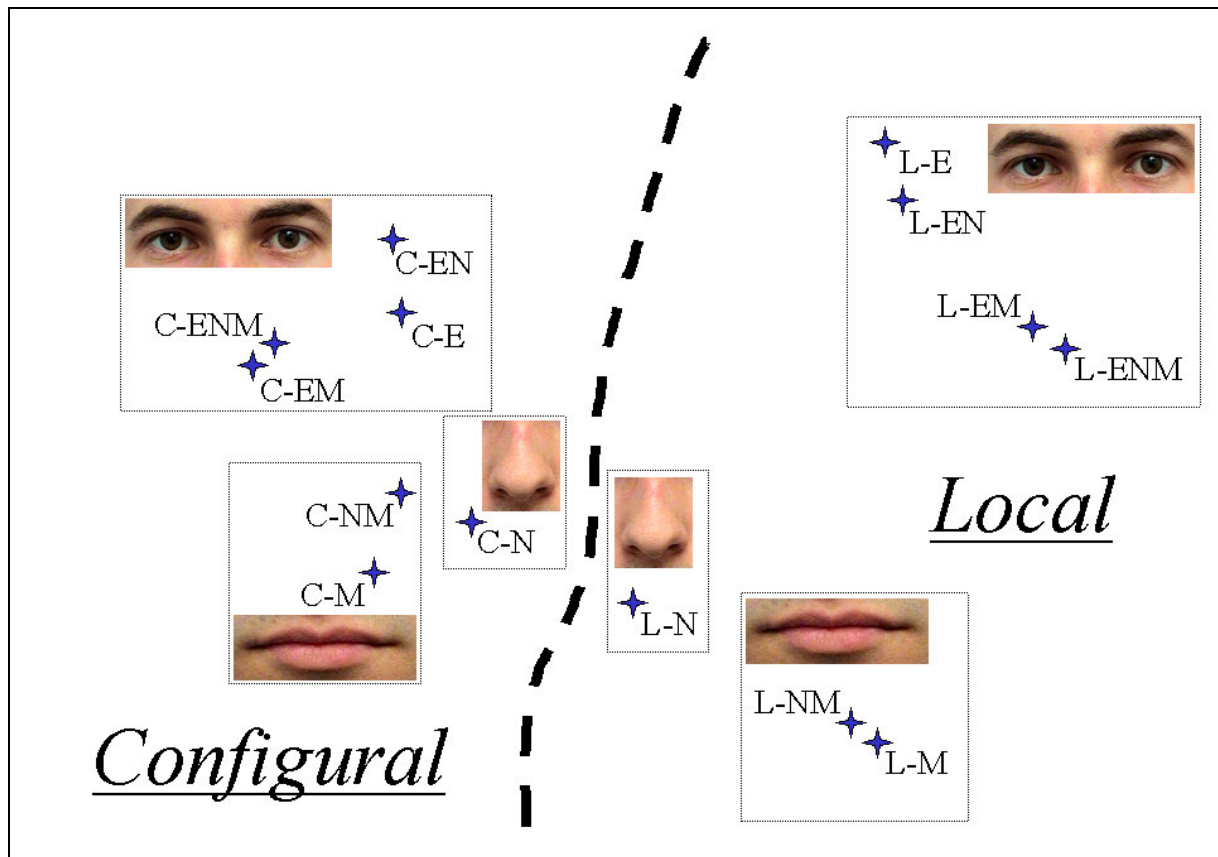
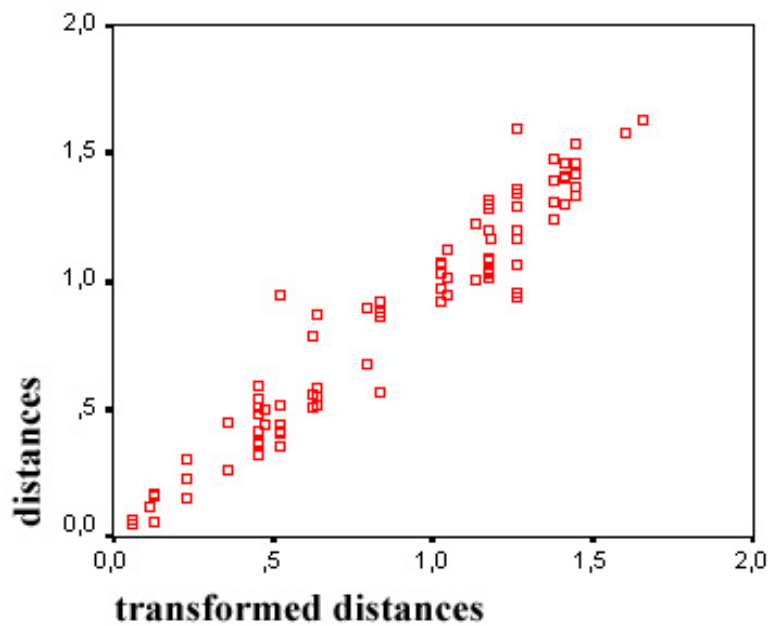


Figure 8-12: Shepard diagram for the alternative PROXSCAL MDS solution with only high salient faces involved.



### 8.2.3 Experiment 1

**Table 8-19: ANOVA table with percentage correct as dependent measure for testing Hyp.1.**

ANOVA Table for %correct	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	27	83.460	3.091				
Class	1	21.188	21.188	28.017	<.0001	28.017	1.000
Class * Subject	27	20.419	.756				
Salience	1	31.685	31.685	77.318	<.0001	77.318	1.000
Salience * Subject	27	11.065	.410				
Feature	6	67.193	11.199	34.936	<.0001	209.617	1.000
Feature * Subject	162	51.929	.321				
PT	6	11.599	1.933	10.406	<.0001	62.435	1.000
PT * Subject	162	30.095	.186				
Class * Salience	1	.971	.971	2.092	.1596	2.092	.272
Class * Salience * Subject	27	12.534	.464				
Class * Feature	6	1.346	.224	1.089	.3710	6.536	.415
Class * Feature * Subject	162	33.368	.206				
Class * PT	6	1.737	.289	2.133	.0523	12.800	.751
Class * PT * Subject	162	21.978	.136				
Salience * Feature	6	.589	.098	.440	.8511	2.641	.176
Salience * Feature * Subject	162	36.125	.223				
Salience * PT	6	.612	.102	.597	.7324	3.582	.231
Salience * PT * Subject	162	27.674	.171				
Feature * PT	36	5.299	.147	1.288	.1210	46.371	.984
Feature * PT * Subject	972	111.078	.114				
Class * Salience * Feature	6	1.069	.178	.873	.5159	5.240	.333
Class * Salience * Feature * Subject	162	33.034	.204				
Class * Salience * PT	6	1.627	.271	2.087	.0574	12.525	.740
Class * Salience * PT * Subject	162	21.046	.130				
Class * Feature * PT	36	5.202	.145	1.221	.1757	43.966	.976
Class * Feature * PT * Subject	972	115.012	.118				
Salience * Feature * PT	36	4.873	.135	1.000	.4711	35.983	.928
Salience * Feature * PT * Subject	972	131.627	.135				
Class * Salience * Feature * PT	36	4.949	.137	1.142	.2617	41.111	.964
Class * Salience * Feature * PT * Subject	972	117.020	.120				

**Table 8-20: ANOVA table with RT (correct) as dependent measure for testing Hyp.1.**

ANOVA Table for RT-correct	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	21	16161666.399	769603.162				
CLASS	1	851923.604	851923.604	16.493	.0006	16.493	.982
CLASS * Subject	21	1084728.166	51653.722				
SALIENCE	1	2305191.824	2305191.824	32.923	<.0001	32.923	1.000
SALIENCE * Subject	21	1470381.315	70018.158				
FEATURE	6	1971541.699	328590.283	5.755	<.0001	34.532	.998
FEATURE * Subject	126	7193735.558	57093.139				
CLASS * SALIENCE	1	4882.139	4882.139	.063	.8040	.063	.057
CLASS * SALIENCE * Subject	21	1622593.697	77266.367				
CLASS * FEATURE	6	308698.124	51449.687	.963	.4531	5.778	.364
CLASS * FEATURE * Subject	126	6731818.893	53427.134				
SALIENCE * FEATURE	6	103457.338	17242.890	.373	.8948	2.239	.152
SALIENCE * FEATURE * Subject	126	5820776.592	46196.640				
CLASS * SALIENCE * FEATURE	6	103564.660	17260.777	.308	.9319	1.847	.132
CLASS * SALIENCE * FEATURE * Subject	126	7063762.466	56061.607				



**Table 8-21: ANOVA table with percentage correct as dependent measure for testing Hyp.2.**

ANOVA Table for %correct	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	27	48.835	1.809				
Class	1	9.439	9.439	20.271	.0001	20.271	.996
Class * Subject	27	12.573	.466				
Saliency	1	13.021	13.021	33.135	<.0001	33.135	1.000
Saliency * Subject	27	10.610	.393				
SingleFeature	2	20.766	10.383	21.568	<.0001	43.137	1.000
SingleFeature * Subject	54	25.996	.481				
PT	6	7.463	1.244	7.008	<.0001	42.048	1.000
PT * Subject	162	28.752	.177				
Class * Saliency	1	0.000	0.000	.001	.9735	.001	.050
Class * Saliency * Subject	27	10.202	.378				
Class * SingleFeature	2	1.338	.669	1.716	.1894	3.432	.333
Class * SingleFeature * Subject	54	21.043	.390				
Class * PT	6	2.927	.488	3.923	.0011	23.538	.972
Class * PT * Subject	162	20.145	.124				
Saliency * SingleFeature	2	.021	.011	.036	.9642	.073	.055
Saliency * SingleFeature * Subject	54	15.741	.291				
Saliency * PT	6	.488	.081	.408	.8729	2.448	.165
Saliency * PT * Subject	162	32.298	.199				
SingleFeature * PT	12	1.895	.158	1.120	.3428	13.439	.643
SingleFeature * PT * Subject	324	45.677	.141				
Class * Saliency * SingleFeature	2	.093	.046	.172	.8422	.345	.075
Class * Saliency * SingleFeature * Subject	54	14.526	.269				
Class * Saliency * PT	6	1.378	.230	1.678	.1296	10.066	.623
Class * Saliency * PT * Subject	162	22.170	.137				
Class * SingleFeature * PTall	12	1.716	.143	1.088	.3690	13.060	.627
Class * SingleFeature * PT * Subject	324	42.570	.131				
Saliency * SingleFeature * PT	12	2.604	.217	1.256	.2437	15.073	.708
Saliency * SingleFeature * PTall * Subject	324	55.968	.173				
Class * Saliency * SingleFeature * PTall	12	2.235	.186	1.135	.3304	13.624	.651
Class * Saliency * SingleFeature * PTall * Subject	324	53.146	.164				

**Table 8-22: Scheffé post-hoc test for factor SINGLEFEATURE (E,N,M) with percent correct as dependent variable.**

Scheffé post hoc test; sign.level: 5%	Mean Diff.	Crit.Diff	P-Value	Significance
Eyes, Mouth	.101	.088	.0214	sign.
Eyes, Nose	.230	.088	<.0001	sign.
Mouth, Nose	.129	.088	.0024	sign.

**Table 8-23: ANOVA table with percentage correct as dependent measure for testing Hyp.3.**

ANOVA Table for %correct	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	27	30.972	1.147				
Class	1	9.023	9.023	29.873	<.0001	29.873	1.000
Class * Subject	27	8.156	.302				
Saliency	1	12.825	12.825	83.857	<.0001	83.857	1.000
Saliency * Subject	27	4.129	.153				
FeatureQuantity	2	18.680	9.340	67.720	<.0001	135.439	1.000
FeatureQuantity * Subject	54	7.448	.138				
PT	6	4.958	.826	9.887	<.0001	59.321	1.000
PT * Subject	162	13.539	.084				
Class * Saliency	1	.692	.692	3.612	.0681	3.612	.436
Class * Saliency * Subject	27	5.175	.192				
Class * FeatureQuantity	2	.002	.001	.019	.9813	.038	.053
Class * FeatureQuantity * Subject	54	3.433	.064				
Class * PT	6	.770	.128	2.065	.0601	12.389	.734
Class * PT * Subject	162	10.067	.062				
Saliency * FeatureQuantity	2	.082	.041	.450	.6401	.900	.117
Saliency * FeatureQuantity * Subject	54	4.940	.091				
Saliency * PT	6	.419	.070	.957	.4562	5.742	.365
Saliency * PT * Subject	162	11.827	.073				
FeatureQuantity * PT	12	.909	.076	1.442	.1454	17.300	.783
FeatureQuantity * PT * Subject	324	17.025	.053				
Class * Saliency * FeatureQuantity	2	.397	.199	2.993	.0585	5.985	.549
Class * Saliency * FeatureQuantity * Subject	54	3.582	.066				
Class * Saliency * PT	6	.642	.107	1.946	.0764	11.676	.703
Class * Saliency * PT * Subject	162	8.910	.055				
Class * FeatureQuantity * PT	12	.973	.081	1.732	.0589	20.789	.872
Class * FeatureQuantity * PT * Subject	324	15.168	.047				
Saliency * FeatureQuantity * PT	12	.518	.043	.620	.8248	7.445	.357
Saliency * FeatureQuantity * PT * Subject	324	22.521	.070				
Class * Saliency * FeatureQuantity * PT	12	.647	.054	1.141	.3260	13.690	.653
Class * Saliency * FeatureQuantity * PT * Subject	324	15.320	.047				

**Table 8-24: Recognition data for all PT stages in percentage correct. SDs are shown in brackets.**

%correct	PT32	PT42	PT53	PT63	PT73	PT84	PT94
	.666 (.47)	.716 (.45)	.740 (.44)	.777 (.42)	.787 (.41)	.797 (.40)	.792 (.40)

**Table 8-25: Recognition data for all PT stages, split by CLASS in percentage correct (only single features are included). SDs are shown in brackets.**

	PT32	PT42	PT53	PT63	PT73	PT84	PT94
Configural	.470 (.50)	.524 (.50)	.589 (.49)	.667 (.47)	.679 (.47)	.673 (.47)	.595 (.60)
Local	.661 (.48)	.720 (.45)	.685 (.47)	.696 (.46)	.702 (.46)	.839 (.37)	.780 (.42)

**Table 8-26: Recognition data for all PT stages, split by CLASS in percentage correct (all features and their possible combinations included). SDs are shown in brackets.**

	PT32	PT42	PT53	PT63	PT73	PT84	PT94
Configural	0.584 (.49)	0.645 (.48)	0.689 (.46)	0.732 (.44)	0.753 (.43)	0.712 (.45)	0.730 (.45)
Local	0.747 (.44)	0.786 (.41)	0.791 (.41)	0.821 (.38)	0.821 (.38)	0.883 (.32)	0.865 (.34)

**Table 8-27: ANOVA table with WOM as dependent measure for testing the ‘Mouth-enhanced’ effect. For this analysis only local faces were used.**

ANOVA Table for WOM (local faces)	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
CONSTRUCTION	1	.289	.289	.695	.4120	.695	.122
Subject(Group)	26	10.794	.415				
SingleFeature-E-M	1	.245	.245	.567	.4582	.567	.109
SingleFeature-E-M * CONSTRUCTION	1	2.391	2.391	5.543	.0264	5.543	.617
SingleFeature-E-M * Subject(Group)	26	11.217	.431				

## 8.2.4 Post-Study 1

**Table 8-28: ANOVA table for distinctiveness ratings.**

ANOVA Table for distinctiveness	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	15	87.328	5.822				
CLASS	1	1.700	1.700	3.916	.0665	3.916	.445
CLASS * Subject	15	6.511	.434				
SALIENCE	1	36.926	36.926	63.504	<.0001	63.504	1.000
SALIENCE * Subject	15	8.722	.581				
SIZE	1	7.629	7.629	5.190	.0378	5.190	.562
SIZE * Subject	15	22.050	1.470				
CLASS * SALIENCE	1	1.270	1.270	3.856	.0684	3.856	.440
CLASS * SALIENCE * Subject	15	4.941	.329				
CLASS * SIZE	1	.743	.743	1.938	.1842	1.938	.244
CLASS * SIZE * Subject	15	5.750	.383				
SALIENCE * SIZE	1	.176	.176	1.564	.2303	1.564	.206
SALIENCE * SIZE * Subject	15	1.691	.113				
CLASS * SALIENCE * SIZE	1	1.270	1.270	6.151	.0255	6.151	.640
CLASS * SALIENCE * SIZE * Subject	15	3.097	.206				

**Table 8-29: ANOVA table for distinctiveness ratings of the full-SIZE condition.**

ANOVA Table for distinctiveness	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	15	44.746	2.983				
CLASS	1	.098	.098	.170	.6860	.170	.067
CLASS * Subject	15	8.621	.575				
SALIENCE	1	16.000	16.000	48.917	<.0001	48.917	1.000
SALIENCE * Subject	15	4.906	.327				
CLASS * SALIENCE	1	0.000	0.000	0.000	>.9999	0.000	.050
CLASS * SALIENCE * Subject	15	3.781	.252				

**Table 8-30: ANOVA table for distinctiveness ratings of the eyes-SIZE condition.**

ANOVA Table for distinctiveness	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	15	64.632	4.309				
CLASS	1	2.345	2.345	9.663	.0072	9.663	.840
CLASS * Subject	15	3.640	.243				
SALIENCE	1	21.103	21.103	57.481	<.0001	57.481	1.000
SALIENCE * Subject	15	5.507	.367				
CLASS * SALIENCE	1	2.540	2.540	8.950	.0091	8.950	.809
CLASS * SALIENCE * Subject	15	4.257	.284				

## 8.2.5 Experiment 2

**Table 8-31: ANOVA table with percentage correct as dependent measure for testing Hyp.1.**

ANOVA Table for %correct	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	27	4.430	.164				
CLASS	1	2.220	2.220	23.526	<.0001	23.526	.999
CLASS * Subject	27	2.548	.094				
SALIENCE	1	4.827	4.827	29.350	<.0001	29.350	1.000
SALIENCE * Subject	27	4.441	.164				
PT	1	.108	.108	1.753	.1966	1.753	.235
PT * Subject	27	1.660	.061				
FEATURE	6	18.962	3.160	31.780	<.0001	190.680	1.000
FEATURE * Subject	162	16.110	.099				
CLASS * SALIENCE	1	1.659	1.659	16.709	.0004	16.709	.986
CLASS * SALIENCE * Subject	27	2.680	.099				
CLASS * PT	1	.001	.001	.015	.9024	.015	.052
CLASS * PT * Subject	27	1.124	.042				
CLASS * FEATURE	6	1.133	.189	2.150	.0505	12.900	.755
CLASS * FEATURE * Subject	162	14.224	.088				
SALIENCE * PT	1	.052	.052	.750	.3940	.750	.128
SALIENCE * PT * Subject	27	1.859	.069				
SALIENCE * FEATURE	6	4.204	.701	10.655	<.0001	63.931	1.000
SALIENCE * FEATURE * Subject	162	10.653	.066				
PT * FEATURE	6	.798	.133	2.380	.0313	14.279	.807
PT * FEATURE * Subject	162	9.059	.056				
CLASS * SALIENCE * PT	1	.016	.016	.344	.5625	.344	.086
CLASS * SALIENCE * PT * Subject	27	1.252	.046				
CLASS * SALIENCE * FEATURE	6	1.605	.267	4.475	.0003	26.851	.988
CLASS * SALIENCE * FEATURE * Subject	162	9.681	.060				
CLASS * PT * FEATURE	6	.173	.029	.686	.6611	4.117	.263
CLASS * PT * FEATURE * Subject	162	6.827	.042				
SALIENCE * PT * FEATURE	6	.158	.026	.472	.8287	2.829	.187
SALIENCE * PT * FEATURE * Subject	162	9.056	.056				
CLASS * SALIENCE * PT * FEATURE	6	.355	.059	.870	.5182	5.221	.332
CLASS * SALIENCE * PT * FEATURE * Subject	162	11.003	.068				

## 8.2.6 Experiment 3a

**Table 8-32: ANOVA table with *yes-same* rate as dependent measure.**

ANOVA Table for <i>yes-same</i> rate	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	29	1,266	,044				
CLASS	1	,361	,361	12,561	,0014	12,561	,945
CLASS * Subject	29	,832	,029				
PT	1	,096	,096	3,376	,0764	3,376	,413
PT * Subject	29	,822	,028				
CLASS * PT	1	,022	,022	1,239	,2748	1,239	,180
CLASS * PT * Subject	29	,504	,017				

**Table 8-33: ANOVA table with *A'* as dependent measure.**

ANOVA Table for <i>A'</i>	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	28	.132	.005				
CLASS	1	.010	.010	3.409	.0755	3.409	.415
CLASS * Subject	28	.079	.003				
PT	1	.035	.035	8.378	.0073	8.378	.810
PT * Subject	28	.116	.004				
CLASS * PT	1	0.000	0.000	.006	.9406	.006	.051
CLASS * PT * Subject	28	.052	.002				



**Table 8-34: ANOVA table with RT (for *yes-same* trials) as dependent measure.**

ANOVA Table for RT ( <i>yes-same</i> )	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	28	8657091.589	309181.842				
CLASS	1	118.568	118.568	.011	.9179	.011	.051
CLASS * Subject	28	307175.050	10970.538				
PT	1	85021.728	85021.728	1.751	.1964	1.751	.235
PT * Subject	28	1359446.975	48551.678				
CLASS * PT	1	133023.549	133023.549	6.963	.0134	6.963	.727
CLASS * PT * Subject	28	534948.195	19105.293				

**Table 8-35: ANOVA table with RT (for *yes-same* trials) and an outlier criterion of  $\pm 3$  SDs as dependent measure.**

ANOVA Table for RT ( <i>yes-same</i> ) +/- 3SDs	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	28	7922883.447	282960.123				
CLASS	1	573.383	573.383	.037	.8496	.037	.054
CLASS * Subject	28	438151.245	15648.259				
PT	1	135685.080	135685.080	3.471	.0730	3.471	.422
PT * Subject	28	1094664.597	39095.164				
CLASS * PT	1	82850.173	82850.173	6.576	.0160	6.576	.700
CLASS * PT * Subject	28	352775.525	12599.126				

**Table 8-36: ANOVA table with RT (for *yes-same* trials) and an outlier criterion of  $\pm 4$  SDs as dependent measure.**

ANOVA Table for RT ( <i>yes-same</i> ) +/- 4SDs	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	28	8246451.122	294516.112				
CLASS	1	2473.733	2473.733	.155	.6965	.155	.066
CLASS * Subject	28	446099.554	15932.127				
PT	1	83703.819	83703.819	1.765	.1947	1.765	.237
PT * Subject	28	1327907.446	47425.266				
CLASS * PT	1	106857.858	106857.858	6.816	.0144	6.816	.717
CLASS * PT * Subject	28	438969.529	15677.483				

## 8.2.7 Experiment 3b

**Table 8-37: ANOVA table with *A'* as dependent measure.**

ANOVA Table for A-prime	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	27	.189	.007				
CLASS	1	.264	.264	40.702	<.0001	40.702	1.000
CLASS * Subject	27	.175	.006				
PT	1	.002	.002	.795	.3806	.795	.132
PT * Subject	27	.057	.002				
CLASS * PT	1	0.000	0.000	.064	.8015	.064	.057
CLASS * PT * Subject	27	.040	.001				

**Table 8-38: ANOVA table with *yes-same* rate as dependent measure.**

ANOVA Table for yes-rate	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	29	2.947	.102				
CLASS	1	5.181	5.181	45.544	<.0001	45.544	1.000
CLASS * Subject	29	3.299	.114				
PT	1	.002	.002	.280	.6007	.280	.079
PT * Subject	29	.248	.009				
CLASS * PT	1	.008	.008	.624	.4361	.624	.115
CLASS * PT * Subject	29	.372	.013				

**Table 8-39: ANOVA table with RT (for *yes-same* trials) as dependent measure.**

ANOVA Table for RT ( <i>yes-same</i> )	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	27	12077597.606	447318.430				
CLASS	1	1608604.173	1608604.173	12.647	.0014	12.647	.945
CLASS * Subject	27	3434117.610	127189.541				
PT	1	297788.494	297788.494	5.131	.0317	5.131	.583
PT * Subject	27	1567073.918	58039.775				
CLASS * PT	1	56522.210	56522.210	.998	.3266	.998	.154
CLASS * PT * Subject	27	1528968.266	56628.454				

**Table 8-40: Overall ANOVA table (upright and inverted faces) with *yes-same* rate as dependent measure.**

ANOVA Table for <i>yes-same</i> rate	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
ORIENTATION	1	.440	.440	6,063	.0168	6,063	.679
Subject(Group)	58	4,212	.073				
CLASS	1	4,138	4,138	58,086	<.0001	58,086	1,000
CLASS * ORIENTATION	1	1,404	1,404	19,709	<.0001	19,709	.997
CLASS * Subject(Group)	58	4,131	.071				
PT	1	.034	.034	1,838	.1805	1,838	.251
PT * ORIENTATION	1	.064	.064	3,479	.0672	3,479	.435
PT * Subject(Group)	58	1,070	.018				
CLASS * PT	1	.028	.028	1,847	.1794	1,847	.252
CLASS * PT * ORIENTATION	1	.002	.002	.109	.7428	.109	.062
CLASS * PT * Subject(Group)	58	.876	.015				

**Table 8-41: Overall ANOVA table (upright and inverted faces) with *A'* as dependent measure.**

ANOVA Table for A-prime	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
ORIENTATION	1	.012	.012	2.073	.1556	2.073	.277
Subject(Group)	55	.320	.006				
CLASS	1	.190	.190	41.005	<.0001	41.005	1.000
CLASS * ORIENTATION	1	.089	.089	19.203	<.0001	19.203	.996
CLASS * Subject(Group)	55	.254	.005				
PT	1	.010	.010	3.277	.0757	3.277	.412
PT * ORIENTATION	1	.026	.026	8.123	.0061	8.123	.812
PT * Subject(Group)	55	.173	.003				
CLASS * PT	1	0.000	0.000	.051	.8221	.051	.056
CLASS * PT * ORIENTATION	1	0.000	0.000	.013	.9089	.013	.051
CLASS * PT * Subject(Group)	55	.091	.002				

**Table 8-42: Overall ANOVA table (upright and inverted faces) with RT (*yes-same* trials) as dependent measure.**

ANOVA Table for RT ( <i>yes-same</i> )	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
ORIENTATION	1	1111105.083	1111105.083	2.947	.0917	2.947	.376
Subject(Group)	55	20734689.195	376994.349				
CLASS	1	832279.237	832279.237	12.235	.0009	12.235	.948
CLASS * ORIENTATION	1	804662.549	804662.549	11.829	.0011	11.829	.940
CLASS * Subject(Group)	55	3741292.660	68023.503				
PT	1	352364.853	352364.853	6.622	.0128	6.622	.720
PT * ORIENTATION	1	34178.119	34178.119	.642	.4263	.642	.119
PT * Subject(Group)	55	2926520.894	53209.471				
CLASS * PT	1	7404.233	7404.233	.197	.6586	.197	.071
CLASS * PT * ORIENTATION	1	180799.397	180799.397	4.818	.0324	4.818	.570
CLASS * PT * Subject(Group)	55	2063916.461	37525.754				

**Table 8-43: RT data (in ms) for all CLASS \* PT combinations. The first columns represent *yes-same* trials, the last ones the *no-same* responses. SDs are shown in brackets.**

ORIENTATION	CLASS	PT	RT ( <i>yes-same</i> )	SD	RT ( <i>no-same</i> )	SD
Inverted (Exp.3a)	Original	26 ms	1130.6	(280.8)	1829.9	(1427.5)
		200 ms	997.1	(371.4)	1237.1	(595.6)
	Thatcher	26 ms	1062.9	(206.9)	1348.7	(542.7)
		200 ms	1070.8	(349.7)	1149.9	(482.1)
Upright (Exp.3b)	Original	26 ms	1089.9	(343.0)	1577.2	(726.9)
		39 ms	1030.4	(334.0)	1841.0	(1379.0)
		Thatcher	26 ms	1395.6	(434.5)	1672.7
	Thatcher	39 ms	1220.8	(525.9)	2139.3	(3485.1)

## 8.2.8 Experiment 4

**Table 8-44: ANOVA table with RT (for *yes-same* trials) and an outlier criterion of  $\pm 3$  SDs as dependent measure for *FULL*-faces.**

ANOVA Table for RT ( <i>yes-same</i> ) +/- 3SDs	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	29	9291961.749	320412.474				
CLASS	1	23846.119	23846.119	.641	.4300	.641	.117
CLASS * Subject	29	1079501.622	37224.194				
PT	1	83569.582	83569.582	2.154	.1530	2.154	.280
PT * Subject	29	1125320.913	38804.169				
CLASS * PT	1	17600.214	17600.214	1.307	.2623	1.307	.187
CLASS * PT * Subject	29	390500.383	13465.530				

**Table 8-45: RTs (in ms) for *yes-same* targets for *FULL*-faces ( $\pm 3$  SDs). The SDs will be found in square brackets. The last column shows the difference between the RT of thatcherised and original versions in ms.**

RT ( <i>yes-same</i> )	Original		Thatcher		TAE
PT-short (26 ms)	1097.8	[349.4]	1093.9	[326.7]	3.9 ms
PT-long (39 ms)	1069.9	[326.4]	1016.9	[273.1]	53.0 ms
<i>average</i>	1083.6	[335.5]	1055.4	[301.0]	28.2 ms

**Table 8-46: ANOVA table with RT (for *yes-same* trials) and an outlier criterion of  $\pm 3$  SDs as dependent measure for *FULL*, *IN*, and *OUT*-faces.**

ANOVA Table for RT ( <i>yes-same</i> ) +/- 3SDs	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	29	6888124.321	237521.528				
TASK	2	1016557.523	508278.762	20.407	<.0001	40.813	1.000
TASK * Subject	58	1444642.207	24907.624				

**Table 8-47: Scheffé post-hoc test for the different TASKs *FULL*, *IN*, and *OUT*-faces with RT (*yes-same* trials;  $\pm 3$  SDs) for original faces as dependent variable.**

Scheffé post hoc test; sign.level: 5%	Mean Diff.	Crit.Diff	P-Value	Significance
FULL, IN	-115.651	102.376	.0230	sign.
FULL, OUT	144.156	102.376	.0035	sign.
IN, OUT	259.807	102.376	<.0001	sign.

### 8.2.9 Experiment 5

**Table 8-48: ANOVA table with RT (for *yes-same* trials) and an outlier criterion of  $\pm 3$  SDs as dependent measure for *FULL*-faces.**

ANOVA Table for RT ( <i>yes-same</i> ) +/- 3SDs	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	29	5802425.143	200083.626				
CLASS	1	4576.280	4576.280	.256	.6168	.256	.077
CLASS * Subject	29	518787.946	17889.240				
PT	1	65370.812	65370.812	2.011	.1668	2.011	.264
PT * Subject	29	942571.363	32502.461				
CLASS * PT	1	56166.148	56166.148	3.224	.0830	3.224	.396
CLASS * PT * Subject	29	505205.697	17420.886				

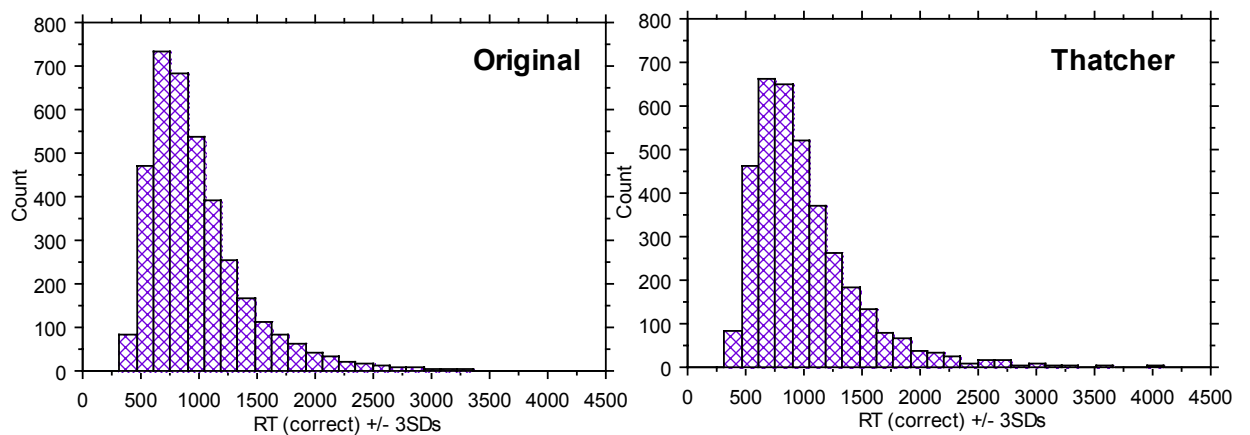
**Table 8-49: ANOVA table with RT (for *correct* trials) and an outlier criterion of  $\pm 3$  SDs as dependent measure for *FULL*-faces.**

ANOVA Table for RT ( <i>correct</i> ) +/- 3SDs	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	29	5799410.493	199979.672				
CLASS	1	287.947	287.947	.024	.8787	.024	.053
CLASS * Subject	29	352301.235	12148.318				
PT	1	43950.647	43950.647	3.385	.0760	3.385	.413
PT * Subject	29	376528.955	12983.757				
CLASS * PT	1	43253.450	43253.450	6.165	.0191	6.165	.671
CLASS * PT * Subject	29	203459.176	7015.834				

**Table 8-50: RTs (in ms) for *FULL*-faces and correct targets ( $\pm 3$  SDs). The SDs will be found in square brackets. The last column shows the difference between the RT of thatcherised and original versions in ms.**

RT ( <i>yes-same</i> )	Original	Thatcher	TAE
PT-short (26 ms)	1068.5 [295.7]	1027.4 [245.6]	41.1 ms
PT-long (39 ms)	992.2 [225.6]	1027.1 [231.2]	-34.9 ms
<i>average</i>	1030.3 [244.3]	1027.3 [236.5]	3.0 ms

**Figure 8-13: RT distribution (*FULL* faces) for correct trials within  $\pm 3$  SDs. On the left the original condition, on the right the Thatcher condition.**





**Table 8-51: ANOVA table with RT (for *yes-same* trials) and an outlier criterion of  $\pm 3$  SDs as dependent measure for *IN*-faces.**

ANOVA Table for RT ( <i>yes-same</i> ) +/- 3SDs	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	29	10005245.534	345008.467				
CLASS	1	80.391	80.391	.002	.9670	.002	.050
CLASS * Subject	29	1337496.931	46120.584				
PT	1	6724.479	6724.479	.175	.6786	.175	.068
PT * Subject	29	1112893.026	38375.622				
CLASS * PT	1	136147.427	136147.427	4.022	.0543	4.022	.479
CLASS * PT * Subject	29	981696.328	33851.598				

**Table 8-52: Percentage correct for all TASKS. The SDs are found in square brackets.**

CLASS	FULL	IN	R45	OUT
Original	.913 [.059]	.787 [.109]	.937 [.050]	
Thatcher	.886 [.059]	.726 [.120]	.926 [.063]	.896 [.051]

**Table 8-53: ANOVA table with percentage correct for original faces as dependent measure for *FULL*, *IN*, *OUT*, and *R45*-faces.**

ANOVA Table for %correct	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	29	.340	.012				
TASK	3	.390	.130	38.569	<.0001	115.708	1.000
TASK * Subject	87	.293	.003				

**Table 8-54: Scheffé post-hoc test for the different TASKs *FULL*, *IN*, *OUT*, and *R45* with percentage correct for original faces as dependent variable.**

Scheffé post hoc test; sign.level: 5%	Mean Diff.	Crit.Diff	P-Value	Significance
FULL, IN	.126	.043	<.0001	sign.
FULL, OUT	.023	.043	.4863	n.s
FULL, R45	-.023	.043	.4939	n.s
IN, OUT	-.103	.043	<.0001	sign.
IN, R45	-.149	.043	<.0001	sign.
OUT, R45	-.047	.043	.0256	sign.

**Table 8-55: RTs (in ms) for *FULL*, *IN*, and *OUT*-faces and *yes-same* targets ( $\pm 3$  SDs). The SDs will be found in square brackets.**

RT ( <i>yes-same</i> )	OUT		FULL		IN	
PT-short (26 ms)	998.1	[312.3]	1033.1	[254.2]	1126.9	[317.8]
PT-long (200 ms)	870.1	[222.7]	989.1	[228.9]	1131.0	[302.4]
average	934.1	[276.6]	1011.1	[240.9]	1129.0	[307.6]

**Table 8-56: ANOVA table with RT (*yes-same*,  $\pm 3$  SDs) as dependent measure for *FULL*, *IN*, and *OUT* - faces.**

ANOVA Table for %correct	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Subject	29	9686948.157	334032.695				
TASK	2	1155754.566	577877.283	15.507	<.0001	31.014	1.000
TASK * Subject	58	2161426.537	37265.975				
PT	1	141036.013	141036.013	11.726	.0019	11.726	.928
PT * Subject	29	348815.763	12028.130				
TASK * PT	2	134151.814	67075.907	3.726	.0300	7.452	.657
TASK * PT * Subject	58	1044139.336	18002.402				

**Table 8-57: Scheffé post-hoc test for the different TASKs FULL, IN, and OUT with RT (yes-same,  $\pm 3$  SDs) as dependent variable.**

Scheffé post hoc test; sign.level: 5%	Mean Diff.	Crit.Diff	P-Value	Significance
OUT, FULL	-76.982	88.547	.1010	n.s.
OUT, IN	-194.853	88.547	<.0001	sign.
FULL, IN	-117.872	88.547	.0060	sign.

**Table 8-58: Scheffé post-hoc test for the different TASKs FULL, IN, and OUT, split by PT with RT (yes-same,  $\pm 3$  SDs) as dependent variable.**

PT	Scheffé post hoc test; sign.level: 5%	Mean Diff.	Crit.Diff	P-Value	Significance
short (26 ms)	OUT, FULL	-34.993	118.009	.7587	n.s.
	OUT, IN	-128.787	118.009	.0292	sign.
	FULL, IN	-93.793	118.009	.1454	n.s.
long (200 ms)	OUT, FULL	-118.970	96.594	.0119	sign.
	OUT, IN	-260.920	96.594	<.0001	sign.
	FULL, IN	-141.950	96.594	.0022	sign.

**Table 8-59: Scheffé post-hoc test for the different TASKs FULL, IN, and OUT, split by CLASS and PT with RT (yes-same,  $\pm 3$  SDs) as dependent variable.**

CLASS	PT	Scheffé post hoc test; sign.level: 5%	Mean Diff.	Crit.Diff	P-Value	Significance
Original	short (26 ms)	OUT, FULL	-83.447	162.992	.4424	n.s.
		OUT, IN	-175.947	162.992	.0314	sign.
		FULL, IN	-92.500	162.992	.3682	n.s.
	long (200 ms)	OUT, FULL	-104.407	118.526	.0953	n.s.
		OUT, IN	-234.470	118.526	<.0001	sign.
		FULL, IN	-130.063	118.526	.0281	sign.
Thatcher	short (26 ms)	OUT, FULL	-9.003	113.896	.9805	n.s.
		OUT, IN	-88.130	113.896	.1603	n.s.
		FULL, IN	-79.127	113.896	.2266	n.s.
	long (200 ms)	OUT, FULL	-133.500	113.801	.0175	sign.
		OUT, IN	-298.370	113.801	<.0001	sign.
		FULL, IN	-164.870	113.801	.0026	sign.

**Table 8-60: RTs (in ms) for correct trials of FULL- and R45-faces ( $\pm 3$  SDs). The SDs will be found in square brackets. The last column shows the difference between the RT of thatcherised and original versions in ms (TAE).**

RT (correct)		Original	Thatcher	TAE		
FULL	PT-short (26 ms)	1068.5	[259.7]	1027.4	[245.6]	41.1 ms
	PT-long (200 ms)	992.2	[225.6]	1027.1	[231.2]	-34.9 ms
	average	1030.3	[244.2]	1027.3	[236.5]	-3.0 ms
R45	PT-short (26 ms)	916.1	[270.3]	917.7	[222.0]	-1.6 ms
	PT-long (200 ms)	836.2	[169.2]	878.2	[236.7]	-42 ms
	average	876.2	[227.1]	897.9	[228.4]	-21.7 ms