

# Semantic Approximation for Reducing Code Bloat in Genetic Programming

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**Supplement 3: Post-hoc analysis of Friedman's test.**

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**Table 1:** Post-hoc analysis of Friedman’s test using symmetry test conducted on training errors. If the result of the method in the first column is better than that of the method in the second column, p-value of this post-hoc test is printed in bold face. Significant results marked in italic face ( $\alpha = 0.05$ ).

Problems		F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
Friedman		.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
RDO	GP	<b>.119</b>	<b>.000</b>	<b>.015</b>	<b>.007</b>	<b>.196</b>	<b>.596</b>	<b>.028</b>	<b>1</b>	<b>.991</b>	<b>.000</b>	<b>.217</b>	<b>.000</b>	<b>.004</b>	<b>.000</b>	<b>.000</b>	<b>.020</b>	<b>.017</b>	<b>.000</b>
PP	GP	.000	.000	.000	.094	.014	.000	<b>.000</b>	.000	.000	.535	.000	.066	.000	.001	.002	.000	.000	.000
TS-S	GP	.020	<b>1</b>	.000	.767	<b>1</b>	.012	.000	.911	<b>1</b>	<b>1</b>	.001	1	.000	1	.768	.026	.000	1
SA10	GP	1	<b>.162</b>	.938	<b>.416</b>	<b>.984</b>	<b>1</b>	<b>1</b>	1	<b>.967</b>	<b>.000</b>	.879	<b>.017</b>	.958	<b>.995</b>	<b>.504</b>	1	<b>1</b>	<b>.997</b>
SA20	GP	.039	.997	.074	.998	.118	<b>.075</b>	<b>.027</b>	.000	.001	<b>.416</b>	.000	<b>.995</b>	.045	.179	1	.000	.000	.004
SAD	GP	.000	.000	.566	.001	.000	<b>.000</b>	<b>.000</b>	.000	.000	<b>.333</b>	.000	<b>1</b>	.040	.000	.685	.000	.000	.000
DA10	GP	<b>1</b>	<b>.179</b>	<b>.998</b>	<b>.003</b>	<b>.991</b>	<b>.993</b>	<b>.991</b>	<b>1</b>	<b>.859</b>	<b>.000</b>	<b>1</b>	<b>.000</b>	<b>.023</b>	<b>.260</b>	<b>.000</b>	<b>.859</b>	<b>.911</b>	<b>.084</b>
DA20	GP	.030	.991	.949	<b>.131</b>	.444	<b>.179</b>	<b>.000</b>	.259	.793	<b>.000</b>	.145	<b>.000</b>	<b>1</b>	<b>.991</b>	<b>.013</b>	.878	.685	1
DAD	GP	.000	.003	.991	.997	.000	<b>.005</b>	<b>.000</b>	.000	.003	<b>.000</b>	.000	<b>.009</b>	1	1	<b>.307</b>	.004	.132	.387
PP	RDO	.000	.000	.000	.000	.000	.000	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TS-S	RDO	.000	.000	.000	.000	.565	.000	.066	.566	1	.000	.000	.000	.000	.000	.000	.000	.000	.000
SA10	RDO	.026	.260	.000	.895	.878	.656	<b>.089</b>	.998	1	.017	.001	.000	.000	.012	.000	.015	.106	.004
SA20	RDO	.000	.000	.000	.000	.000	.000	1	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
SAD	RDO	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
DA10	RDO	.387	.238	.179	1	.839	.991	.373	<b>1</b>	1	.859	.656	.816	1	.596	.565	.685	.566	.741
DA20	RDO	.000	.000	.000	.995	.000	.000	.986	.059	.162	.015	.000	.045	.035	.017	.026	.000	.000	.000
DAD	RDO	.000	.000	.000	.000	.000	.000	.001	.000	.000	.000	.000	.000	.008	.000	.000	.000	.000	.000
TS-S	PP	.000	.000	1	<b>.973</b>	<b>.001</b>	<b>.026</b>	.982	.000	.000	<b>.333</b>	<b>.333</b>	<b>.106</b>	.991	<b>.011</b>	<b>.415</b>	<b>.028</b>	<b>.741</b>	<b>.000</b>
SA10	PP	.000	.000	<b>.001</b>	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
SA20	PP	.000	.000	<b>.238</b>	<b>.534</b>	<b>1</b>	<b>.003</b>	<b>.001</b>	<b>1</b>	<b>.084</b>	<b>.001</b>	<b>1</b>	<b>.002</b>	<b>.197</b>	<b>.839</b>	<b>.013</b>	<b>.976</b>	<b>.973</b>	<b>.180</b>
SAD	PP	<b>.949</b>	<b>1</b>	<b>.015</b>	.967	.535	<b>.938</b>	1	.967	<b>.505</b>	.000	1	<b>.059</b>	<b>.217</b>	1	<b>.504</b>	1	<b>.998</b>	<b>.626</b>
DA10	PP	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
DA20	PP	.000	.000	<b>.001</b>	.000	<b>.949</b>	<b>.001</b>	<b>.058</b>	<b>.006</b>	.000	.000	<b>.004</b>	.000	.000	.000	.000	.000	.000	.000
DAD	PP	<b>.284</b>	<b>.859</b>	.000	<b>.566</b>	.817	<b>.058</b>	1	<b>1</b>	<b>.035</b>	.000	<b>.415</b>	.000	.000	.003	.000	<b>.124</b>	<b>.002</b>	<b>.001</b>
SA10	TS-S	<b>.095</b>	<b>.444</b>	<b>.013</b>	<b>.003</b>	<b>1</b>	<b>.009</b>	.000	<b>.967</b>	<b>.998</b>	.000	<b>.145</b>	<b>.009</b>	.000	<b>.839</b>	<b>.004</b>	<b>.035</b>	.000	<b>.878</b>
SA20	TS-S	<b>1</b>	.925	<b>.657</b>	<b>.997</b>	.020	<b>1</b>	<b>.070</b>	.000	.000	<b>.627</b>	.387	<b>.984</b>	<b>.009</b>	.596	<b>.949</b>	.475	<b>1</b>	.039
SAD	TS-S	.017	.000	<b>.105</b>	.308	.000	<b>.596</b>	<b>.827</b>	.000	.000	<b>.535</b>	.106	<b>1</b>	<b>.011</b>	.002	1	<b>.013</b>	<b>.995</b>	.003
DA10	TS-S	<b>.002</b>	<b>.475</b>	.000	.000	<b>1</b>	.000	.000	<b>.596</b>	<b>.973</b>	.000	.000	.000	.000	<b>.045</b>	.000	.000	.000	<b>.011</b>
DA20	TS-S	1	.878	<b>.011</b>	.000	.131	<b>.997</b>	<b>.611</b>	.988	.536	.000	<b>.879</b>	.000	.000	<b>.793</b>	.000	<b>.714</b>	<b>.052</b>	<b>1</b>
DAD	TS-S	.359	.000	<b>.004</b>	.998	.000	<b>1</b>	<b>.970</b>	.000	.001	.000	1	<b>.005</b>	.000	<b>1</b>	<b>.001</b>	1	<b>.445</b>	.816
SA20	SA10	.162	<b>.011</b>	.817	.058	.003	<b>.058</b>	.083	.000	.000	<b>.011</b>	.000	.238	.656	<b>.011</b>	.238	.000	.000	.000
SAD	SA10	.000	.000	1	.000	.000	.000	.000	.000	.000	<b>.017</b>	.000	<b>.019</b>	.626	.000	.002	.000	.000	.000
DA10	SA10	<b>.988</b>	<b>1</b>	<b>.444</b>	.816	<b>1</b>	<b>.997</b>	1	<b>.999</b>	1	<b>.656</b>	<b>.445</b>	<b>.066</b>	<b>.000</b>	<b>.859</b>	<b>.146</b>	<b>.816</b>	<b>.998</b>	<b>.535</b>
DA20	SA10	.131	.007	1	1	.030	<b>.147</b>	.002	.387	.095	<b>1</b>	.967	<b>.878</b>	<b>.685</b>	<b>1</b>	<b>.911</b>	.911	.283	.938
DAD	SA10	.000	.000	<b>1</b>	.051	.000	<b>.003</b>	.000	.000	.000	.993	.106	<b>1</b>	<b>.911</b>	.949	<b>1</b>	.006	.023	.045
SAD	SA20	.008	.002	<b>.993</b>	.030	.146	.239	.000	.896	.998	1	1	.997	1	.535	.911	.932	1	.999
DA10	SA20	<b>.006</b>	<b>.013</b>	<b>.004</b>	.000	<b>.004</b>	.002	.360	<b>.000</b>	<b>.000</b>	.000	.000	.000	.000	.000	.000	.000	.000	.000
DA20	SA20	1	<b>1</b>	<b>.793</b>	<b>.009</b>	<b>1</b>	<b>1</b>	.988	<b>.014</b>	<b>.260</b>	<b>.013</b>	<b>.005</b>	<b>.002</b>	<b>.006</b>	<b>.008</b>	<b>.002</b>	<b>.002</b>	<b>.006</b>	<b>.023</b>
DAD	SA20	.238	.074	<b>.596</b>	1	.360	.998	.001	<b>1</b>	1	<b>.198</b>	<b>.475</b>	<b>.162</b>	<b>.026</b>	<b>.387</b>	<b>.118</b>	<b>.816</b>	<b>.132</b>	<b>.859</b>
DA10	SAD	.000	.000	<b>.105</b>	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
DA20	SAD	<b>.011</b>	<b>.003</b>	<b>.999</b>	.000	<b>.023</b>	<b>.105</b>	<b>.011</b>	.000	<b>.026</b>	<b>.020</b>	.000	.000	<b>.005</b>	.000	.000	.000	<b>.002</b>	<b>.001</b>
DAD	SAD	<b>.979</b>	<b>.991</b>	<b>.991</b>	<b>.034</b>	<b>1</b>	<b>.768</b>	<b>1</b>	<b>.896</b>	<b>.979</b>	<b>.260</b>	<b>.145</b>	<b>.011</b>	<b>.023</b>	.000	<b>.001</b>	<b>.070</b>	<b>.052</b>	<b>.387</b>
DA20	DA10	.004	.008	.475	.984	.039	<b>.009</b>	<b>.023</b>	.066	.035	.627	.020	.878	.132	.896	.949	.058	.030	.020
DAD	DA10	.000	.000	.685	.000	.000	.000	<b>.000</b>	.000	.000	.106	.000	.106	.040	.106	.282	.000	.001	.000
DAD	DA20	.284	.106	<b>1</b>	.008	.085	.979	<b>.045</b>	<b>.014</b>	.445	.995	.816	.938	1	.925	.979	.360	.995	.714

**Table 2:** Post-hoc analysis of Friedman’s test using symmetry test conducted on testing errors. If the result of the method in the first column is better than that of the method in the second column, p-value of this post-hoc test is printed in bold face. Significant results marked in italic face ( $\alpha = 0.05$ ).

Problems	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
Friedman	.000	.000	.415	.000	.000	.000	.000	.023	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
RDO GP	.012	.000		.000	.034	1	.805	1	.958	.058	.131	.000	.656	.000	.979	.307	1	.118
PP GP	1	.997		.878	1	1	.000	1	.817	.596	.009	.180	.685	.741	.958	.154	.001	.058
TS-S GP	.046	.106		1	1	.938	.805	.839	.998	1	.044	1	.132	1	.938	.995	.046	.793
SA10 GP	.030	.000		.008	.967	.535	.925	1	1	.001	1	.026	.000	.839	.009	.949	.002	.020
SA20 GP	.001	.000		1	.007	.030	.035	.993	.009	.001	.005	.949	.000	1	.030	.000	.000	.973
SAD GP	.504	.004		.260	.332	.001	.000	.991	.008	.011	.118	1	.000	.197	.596	.000	.000	1
DA10 GP	.000	.000		.000	.332	.973	.534	1	.993	.000	1	.000	.000	.003	.000	.386	.006	.000
DA20 GP	.656	.000		.002	.000	.002	.118	.839	.993	.000	.003	.000	.000	.009	.000	.000	.001	.035
DAD GP	.967	.002		1	.034	.001	.000	.741	.445	.000	.013	.000	.000	.333	.000	.000	.045	.535
PP RDO	.004	.000		.000	.058	.995	.001	1	1	.000	.000	.000	1	.000	.307	.000	.000	.000
TS-S RDO	.000	.000		.000	.009	.995	1	.535	.505	.019	.000	.000	.997	.000	1	.026	.009	.000
SA10 RDO	.000	.008		.999	.566	.816	1	1	1	.984	.095	.000	.000	.074	.259	.007	.000	1
SA20 RDO	.000	.009		.004	1	.105	.849	1	.333	.988	.000	.000	.000	.000	.475	.000	.000	.816
SAD RDO	.000	.000		.000	.997	.004	.001	1	.307	1	.000	.000	.000	.000	.998	.000	.000	.093
DA10 RDO	.000	.023		1	.997	.999	1	1	.415	.793	.030	.911	.008	.999	.000	.000	.000	.878
DA20 RDO	.000	.163		1	.656	.011	.976	.979	1	.027	.000	.361	.000	.993	.000	.000	.000	1
DAD RDO	.360	.000		.002	1	.006	.000	.949	.995	.938	.000	.017	.000	.415	.000	.000	.006	.999
TS-S PP	.283	.596		.967	1	.686	.001	.816	.260	.816	1	.596	.995	.714	.196	.728	.958	.925
SA10 PP	.075	.001		.000	.988	.217	.000	1	.993	.000	.015	.000	.000	.022	.000	.919	1	.000
SA20 PP	.003	.001		.504	.013	.005	.217	.995	.596	.000	1	.002	.000	.911	.000	.320	.535	.001
SAD PP	.714	.074		.993	.444	.000	1	.993	.565	.000	.998	.026	.000	.998	.034	.162	.118	.074
DA10 PP	.001	.000		.000	.444	.793	.006	1	.197	.000	.051	.000	.007	.000	.000	1	1	.000
DA20 PP	.839	.000		.000	.000	.000	.075	.859	1	.000	1	.000	.000	.000	.000	.780	1	.000
DAD PP	.878	.045		.626	.058	.000	1	.768	1	.000	1	.000	.000	.001	.000	.037	.979	.000
SA10 TS-S	1	.416		.002	.839	.999	1	.656	.878	.000	.106	.002	.001	.859	.387	1	.991	.000
SA20 TS-S	.878	.387		.997	.001	.626	.849	.217	.000	.000	.998	.596	.009	1	.626	.001	.026	.106
SAD TS-S	1	.991		.445	.146	.094	.001	.198	.000	.003	1	.938	.005	.179	1	.000	.001	.839
DA10 TS-S	.741	.237		.000	.146	1	1	.793	1	.000	.259	.000	.132	.004	.001	.938	.999	.000
DA20 TS-S	.998	.040		.001	.000	.179	.976	.039	.714	.000	.995	.000	.000	.011	.000	.015	.973	.000
DAD TS-S	.003	.973		.999	.009	.118	.000	.023	.065	.000	1	.000	.000	.359	.000	.000	1	.006
SA20 SA10	.993	1		.058	.259	.967	.686	1	.084	1	.008	.565	1	.626	1	.005	.360	.416
SAD SA10	.973	.967		.000	.979	.445	.000	.999	.074	1	.162	.180	1	.001	.816	.001	.058	.015
DA10 SA10	.967	1		.991	.979	.997	1	1	.817	1	1	.058	.938	.387	.596	.993	1	.995
DA20 SA10	.925	.993		1	.003	.626	.911	.949	1	.416	.005	.444	.839	.565	.118	.051	1	1
DAD SA10	.000	.988		.034	.566	.504	.000	.896	.878	1	.020	.988	1	.999	.105	.000	.997	.938
SAD SA20	.474	.958		.058	.938	.993	.146	1	1	1	.993	1	1	.387	.949	1	.999	.958
DA10 SA20	1	1		.002	.938	.504	.973	.997	.000	1	.030	.000	.998	.001	.359	.117	.198	.045
DA20 SA20	.333	.995		.020	.911	.999	1	1	.179	.387	1	.001	.505	.002	.045	1	.476	.535
DAD SA20	.000	.984		1	1	.997	.106	.998	.911	1	1	.058	.979	.161	.039	.998	.039	.997
DA10 SAD	.307	.878		.000	1	.058	.003	.995	.000	.973	.359	.000	.991	.000	.009	.048	.023	.000
DA20 SAD	1	.445		.000	.131	1	.045	1	.162	.118	.984	.000	.627	.000	.000	.992	.095	.026
DAD SAD	.026	1		.094	.997	1	1	.999	.896	.998	.999	.007	.993	.000	.000	1	.002	.474
DA20 DA10	.197	1		1	.131	.118	.999	.878	.626	.816	.020	.997	.084	1	.998	.474	1	.984
DAD DA10	.000	.938		.001	.997	.074	.002	.793	.045	1	.066	.565	.596	.878	.997	.008	1	.387
DAD DA20	.051	.565		.011	.656	1	.030	3 1	.967	.596	1	.979	.993	.958	1	.878	.988	.973

**Table 3:** Post-hoc analysis of Friedman’s test using symmetry test conducted on solution size. If the result of the method in the first column is better than that of the method in the second column, p-value of this post-hoc test is printed in bold face. Significant results marked in italic face ( $\alpha = 0.05$ ).

Problems		F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
Friedman		.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
RDO	GP	<b>.895</b>	<b>.488</b>		<i>.009</i>	<b>.875</b>	<b>.057</b>	<i>.000</i>	<b>.815</b>	<b>.066</b>	<b>.998</b>	<b>1</b>	<b>.999</b>	.571	<b>.666</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
PP	GP	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
TS-S	GP	<b>.117</b>	<b>.625</b>	<i>.000</i>	<i>.026</i>	<b>.930</b>	<b>.137</b>	<i>.000</i>	<b>.984</b>	<b>.998</b>	<b>1</b>	.068	<b>1</b>	.054	<b>.789</b>	<i>.003</i>	<i>.000</i>	<i>.001</i>	<b>.986</b>
SA10	GP	<i>.001</i>	<i>.004</i>	<i>.005</i>	<i>.017</i>	<i>.042</i>	<i>.010</i>	<b>.457</b>	<b>.083</b>	<i>.010</i>	<i>.001</i>	<i>.004</i>	<i>.027</i>	<i>.000</i>	<i>.010</i>	<i>.007</i>	<b>.068</b>	<i>.043</i>	<i>.004</i>
SA20	GP	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
SAD	GP	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
DA10	GP	<i>.000</i>	<i>.000</i>	<b>.087</b>	<i>.001</i>	<i>.008</i>	<i>.004</i>	<b>.473</b>	<i>.010</i>	<i>.008</i>	<b>.053</b>	<b>.109</b>	<b>.316</b>	<b>.418</b>	<b>.103</b>	<b>.437</b>	<b>.224</b>	<b>.091</b>	<i>.036</i>
DA20	GP	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
DAD	GP	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
PP	RDO	<i>.001</i>	<i>.000</i>	<i>.000</i>	<i>.017</i>	<i>.000</i>	<i>.000</i>	<i>.026</i>	<i>.000</i>	<i>.010</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.018</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
TS-S	RDO	<b>.938</b>	<b>1</b>	<i>.000</i>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	.412	.989	.303	<b>1</b>	<i>.000</i>	<b>1</b>	<i>.003</i>	<i>.001</i>	<i>.004</i>	<b>.996</b>	
SA10	RDO	<b>.196</b>	<b>.779</b>	.331	<b>1</b>	<b>.812</b>	<b>1</b>	.293	.949	<b>1</b>	<i>.024</i>	<i>.038</i>	<i>.002</i>	<i>.001</i>	<b>.764</b>	<i>.007</i>	<b>.110</b>	<b>.115</b>	<i>.008</i>
SA20	RDO	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.003</i>	<i>.000</i>	<i>.000</i>	<b>.549</b>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
SAD	RDO	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.013</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
DA10	RDO	<b>.055</b>	<b>.372</b>	.886	<b>1</b>	<b>.482</b>	<b>.999</b>	<b>.282</b>	.610	<b>1</b>	<b>.370</b>	<b>.410</b>	<b>.057</b>	<b>1</b>	<b>.992</b>	<b>.437</b>	<b>.316</b>	<b>.212</b>	<b>.060</b>
DA20	RDO	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<b>.070</b>	<i>.000</i>	<i>.001</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
DAD	RDO	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.032</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
TS-S	PP	.130	<i>.000</i>	.918	<i>.005</i>	<i>.000</i>	<i>.000</i>	<i>.044</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	.064	<i>.000</i>	<i>.003</i>	<i>.000</i>	<i>.007</i>	<i>.000</i>
SA10	PP	.878	.153	.196	<i>.009</i>	<i>.038</i>	<i>.002</i>	<i>.000</i>	<i>.000</i>	.066	.895	<i>.000</i>	<i>.047</i>	.998	<i>.000</i>	<i>.001</i>	<i>.000</i>	<i>.000</i>	<i>.097</i>
SA20	PP	<b>.169</b>	<b>.827</b>	<b>1</b>	<b>1</b>	<b>.989</b>	<b>1</b>	.953	<b>1</b>	.877	<i>.019</i>	<b>1</b>	<b>.993</b>	<i>.002</i>	<b>1</b>	.999	<b>.998</b>	.893	<b>.545</b>
SAD	PP	<i>.002</i>	<i>.017</i>	<b>.998</b>	<b>.662</b>	<i>.042</i>	<b>.457</b>	<b>1</b>	<b>1</b>	.088	<i>.012</i>	<b>.986</b>	<b>.803</b>	<i>.007</i>	<b>.991</b>	<b>.679</b>	<b>1</b>	<b>.559</b>	<b>.073</b>
DA10	PP	.989	.488	<i>.015</i>	<i>.094</i>	<i>.149</i>	<i>.003</i>	<i>.000</i>	<i>.000</i>	.073	.235	<i>.000</i>	<i>.002</i>	<i>.036</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.014</i>
DA20	PP	<i>.048</i>	<b>.887</b>	<b>1</b>	.810	<b>.574</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>.984</b>	<b>.439</b>	<b>1</b>	.988	.738	.649	.185	.884	<b>1</b>
DAD	PP	<i>.000</i>	<i>.013</i>	<b>.988</b>	<b>.172</b>	<b>.277</b>	<b>.894</b>	<b>1</b>	<b>1</b>	<i>.027</i>	<b>.487</b>	<b>.993</b>	.918	<b>.335</b>	<b>.999</b>	<b>1</b>	.638	<b>1</b>	.991
SA10	TS-S	<b>.958</b>	<b>.655</b>	<i>.002</i>	<b>1</b>	<b>.722</b>	<b>.998</b>	<b>.206</b>	.684	<b>.123</b>	<i>.000</i>	<b>.998</b>	<i>.019</i>	<b>.418</b>	.637	<b>1</b>	.937	.989	.135
SA20	TS-S	<i>.000</i>	<i>.000</i>	<b>.979</b>	<i>.001</i>	<i>.000</i>	<i>.000</i>	<b>.669</b>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<b>.995</b>	<i>.000</i>	<i>.000</i>	<i>.003</i>	<i>.000</i>	<i>.000</i>
SAD	TS-S	<i>.000</i>	<i>.000</i>	<b>1</b>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.023</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<b>1</b>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
DA10	TS-S	<b>.753</b>	<b>.258</b>	<i>.000</i>	.997	<b>.380</b>	<b>.988</b>	<b>.196</b>	.247	<b>.110</b>	<i>.025</i>	<b>1</b>	.256	<i>.000</i>	.973	<b>.775</b>	.711	.953	.469
DA20	TS-S	<i>.000</i>	<i>.000</i>	<b>.815</b>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<b>.110</b>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.013</i>	<i>.000</i>	<b>.587</b>	<i>.000</i>	<b>.574</b>	<b>.501</b>	<b>.438</b>	<i>.000</i>
DAD	TS-S	<i>.000</i>	<i>.000</i>	<b>1</b>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.054</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<b>1</b>	<i>.000</i>	<i>.001</i>	<b>.116</b>	<i>.006</i>	<i>.000</i>
SA20	SA10	<i>.001</i>	<i>.001</i>	<b>.098</b>	<i>.001</i>	<i>.001</i>	<i>.001</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.001</i>	<i>.043</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
SAD	SA10	<i>.000</i>	<i>.000</i>	<i>.017</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<b>.103</b>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
DA10	SA10	<b>1</b>	<b>1</b>	.997	.999	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>.988</b>	.993	.995	.002	.999	.884	<b>1</b>	<b>1</b>	<b>1</b>
DA20	SA10	<i>.000</i>	<i>.001</i>	<b>.318</b>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.007</i>	<b>.215</b>	<b>.151</b>	<b>.186</b>	<b>1</b>	<b>.040</b>	<b>.422</b>	<i>.016</i>	<i>.036</i>	<b>.222</b>
DAD	SA10	<i>.000</i>	<i>.000</i>	<i>.008</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.010</i>	<i>.003</i>	<i>.000</i>	<b>.867</b>	<i>.001</i>	<i>.000</i>	<i>.001</i>	<i>.000</i>	<i>.003</i>
SAD	SA20	<b>.938</b>	<b>.699</b>	<b>1</b>	<b>.915</b>	<b>.482</b>	<b>.472</b>	<b>.886</b>	<b>1</b>	.917	<b>1</b>	.958	<b>.999</b>	<b>1</b>	.953	<b>.981</b>	<b>.931</b>	<b>1</b>	<b>.994</b>
DA10	SA20	<i>.007</i>	<i>.006</i>	<i>.006</i>	<i>.022</i>	<i>.005</i>	<i>.003</i>	<i>.000</i>	<i>.003</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
DA20	SA20	<b>1</b>	<b>1</b>	<b>1</b>	.972	<b>.993</b>	<b>1</b>	<b>.993</b>	<b>1</b>	<b>.997</b>	.356	.576	.894	.087	.885	.182	.711	.076	.315
DAD	SA20	<b>.779</b>	<b>.640</b>	<b>.999</b>	<b>.434</b>	<b>.917</b>	<b>.903</b>	<b>.966</b>	<b>.998</b>	<b>.725</b>	<b>.953</b>	.999	<b>1</b>	<b>.824</b>	<b>1</b>	<b>1</b>	.984	.909	.989
DA10	SAD	<i>.000</i>	<i>.000</i>	<i>.001</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
DA20	SAD	<b>.997</b>	.610	.986	<b>1</b>	<b>.976</b>	.639	<b>1</b>	<b>1</b>	<b>.383</b>	.269	<i>.031</i>	.456	.188	.128	<i>.005</i>	<i>.041</i>	<i>.013</i>	<i>.025</i>
DAD	SAD	<b>1</b>	<b>1</b>	<b>1</b>	<b>.999</b>	<b>.999</b>	.999	<b>1</b>	<b>1</b>	<b>1</b>	<b>.911</b>	.545	<b>1</b>	<b>.943</b>	.724	.845	.268	.590	.591
DA20	DA10	<i>.001</i>	<i>.009</i>	<i>.034</i>	<i>.000</i>	<i>.000</i>	<i>.001</i>	<i>.000</i>	<i>.000</i>	<i>.008</i>	<i>.009</i>	<i>.007</i>	<i>.012</i>	<i>.001</i>	<i>.003</i>	<i>.006</i>	<i>.003</i>	<i>.015</i>	<i>.043</i>
DAD	DA10	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>	<i>.000</i>
DAD	DA20	<b>.962</b>	<b>.549</b>	<b>.953</b>	<b>.990</b>	<b>1</b>	<b>.966</b>	<b>1</b>	<b>1</b>	<b>.177</b>	<b>.989</b>	<b>.966</b>	<b>.638</b>	<b>.949</b>	<b>.992</b>	<b>.452</b>	<b>.999</b>	<b>.866</b>	<b>.936</b>

**Table 4:** Post-hoc analysis of Friedman’s test using symmetry test conducted on running time. If the result of the method in the first column is better than that of the method in the second column, p-value of this post-hoc test is printed in bold face. Significant results marked in italic face ( $\alpha = 0.05$ ).

Problems		F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
Friedman		.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
RDO	GP	.767	.626		.566	.333	.475	.146	.179	.074	.017	.217	.011	.132	.013	.000	.000	.000	.013
PP	GP	<b>.741</b>	<b>.000</b>	<b>.998</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.004</b>	<b>.000</b>	<b>.308</b>	<b>.505</b>	<b>.505</b>	<b>.000</b>
TS-S	GP	<b>.000</b>	<b>.006</b>	<b>.000</b>	<b>.001</b>	<b>.714</b>	<b>.217</b>	<b>.000</b>	<b>.995</b>	<b>1</b>	<b>1</b>	<b>.000</b>	<b>1</b>	<b>.000</b>	<b>.179</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.967</b>
SA10	GP	<b>.000</b>	<b>.000</b>	<b>.040</b>	<b>.000</b>	<b>.000</b>	<b>.001</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>1</b>	<b>.000</b>	<b>.001</b>	<b>.000</b>
SA20	GP	<b>.000</b>	<b>.000</b>	<b>.066</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>
SAD	GP	<b>.000</b>	<b>.000</b>	.161	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.002</b>	<b>1</b>	<b>.000</b>	<b>1</b>	<b>.626</b>	<b>.817</b>	<b>1</b>	.999	<b>1</b>
DA10	GP	<b>.000</b>	.010	.958	<b>.504</b>	<b>.001</b>	<b>.005</b>	<b>.685</b>	<b>.106</b>	<b>.686</b>	<b>1</b>	<b>1</b>	.967	.859	<b>1</b>	<b>.979</b>	.878	.949	<b>.566</b>
DA20	GP	<b>.000</b>	<b>.000</b>	.999	<b>.074</b>	<b>.031</b>	<b>.000</b>	<b>.146</b>	<b>.006</b>	<b>.017</b>	<b>.009</b>	<b>.000</b>	<b>.095</b>	<b>.817</b>	<b>.000</b>	<b>.020</b>	<b>.105</b>	<b>.051</b>	<b>.000</b>
DAD	GP	<b>.993</b>	<b>.999</b>	.333	<b>.958</b>	<b>1</b>	<b>1</b>	.997	.997	<b>1</b>	.973	.045	<b>1</b>	.009	.284	.017	.020	.023	.387
PP	RDO	<b>.014</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>
TS-S	RDO	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.001</b>	<b>.000</b>	<b>.000</b>	<b>.011</b>	<b>.012</b>	<b>.058</b>	<b>.000</b>	<b>.003</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>
SA10	RDO	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>
SA20	RDO	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>
SAD	RDO	<b>.000</b>	<b>.000</b>	<b>.132</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.051</b>	<b>.000</b>	<b>.332</b>	<b>.000</b>	<b>.000</b>	<b>.001</b>	<b>.003</b>	<b>.001</b>
DA10	RDO	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.001</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.002</b>	<b>.045</b>	<b>.333</b>	<b>.000</b>	<b>.008</b>	<b>.011</b>	<b>.045</b>	<b>.027</b>	<b>.000</b>
DA20	RDO	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>
DAD	RDO	<b>.162</b>	<b>.179</b>	<b>.051</b>	<b>.030</b>	<b>.333</b>	<b>.283</b>	<b>.685</b>	<b>.741</b>	<b>.307</b>	<b>.387</b>	<b>1</b>	<b>.023</b>	<b>.998</b>	<b>.984</b>	<b>.958</b>	<b>.958</b>	<b>.958</b>	<b>.958</b>
TS-S	PP	<b>.000</b>	.999	<b>.001</b>	.627	<b>.001</b>	<b>.000</b>	.998	<b>.000</b>	<b>.001</b>	<b>.000</b>	.998	<b>.000</b>	<b>.074</b>	.058	<b>.001</b>	.147	.146	<b>.001</b>
SA10	PP	.083	<b>1</b>	<b>.333</b>	<b>1</b>	.999	.026	.967	<b>1</b>	.979	.984	<b>1</b>	<b>1</b>	<b>.162</b>	<b>1</b>	.217	.162	.475	.974
SA20	PP	<b>.000</b>	<b>.000</b>	<b>.444</b>	<b>.051</b>	<b>.118</b>	<b>.997</b>	<b>.198</b>	<b>.283</b>	<b>.029</b>	.912	<b>.162</b>	.626	.993	<b>1</b>	.131	.017	<b>.001</b>	.859
SAD	PP	.007	<b>1</b>	.013	<b>1</b>	.768	<b>.878</b>	.997	.988	<b>.988</b>	.859	.003	.999	<b>.000</b>	.005	.999	.216	.118	<b>.000</b>
DA10	PP	.083	.998	<b>1</b>	.002	.714	.008	.003	.027	.084	<b>.000</b>	.003	<b>.000</b>	.360	<b>.000</b>	.012	.009	.019	.020
DA20	PP	<b>.000</b>	.004	.839	.046	.118	.283	.067	.283	.938	.626	<b>1</b>	.198	.415	.999	.991	.999	.991	.988
DAD	PP	.998	.006	.040	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>
SA10	TS-S	.896	<b>.991</b>	.685	<b>.283</b>	<b>.000</b>	<b>.859</b>	<b>1</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>1</b>	<b>.000</b>	<b>1</b>	<b>.260</b>	<b>.000</b>	<b>1</b>	<b>1</b>	<b>.000</b>
SA20	TS-S	<b>.026</b>	<b>.000</b>	.565	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.017</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.656</b>	<b>.000</b>	.566	<b>.020</b>	.938	.999	<b>.926</b>	<b>.000</b>
SAD	TS-S	.999	<b>.998</b>	<b>.000</b>	<b>.714</b>	<b>.216</b>	<b>.022</b>	<b>1</b>	<b>.001</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	.999	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>1</b>
DA10	TS-S	.896	<b>1</b>	.005	.504	<b>.260</b>	.967	.058	<b>.627</b>	<b>.949</b>	<b>.997</b>	<b>.000</b>	.839	<b>.000</b>	.237	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.998</b>
DA20	TS-S	.741	<b>.000</b>	<b>.000</b>	.967	<b>.896</b>	<b>.283</b>	.445	<b>.118</b>	<b>.095</b>	<b>.002</b>	.997	<b>.238</b>	<b>.000</b>	<b>.359</b>	.051	.596	.768	<b>.045</b>
DAD	TS-S	<b>.000</b>	.065	<b>.000</b>	.084	.714	.387	<b>.000</b>	.714	<b>.979</b>	<b>.998</b>	<b>.000</b>	<b>1</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.015</b>
SA20	SA10	<b>.000</b>	<b>.000</b>	<b>1</b>	<b>.197</b>	<b>.504</b>	<b>.001</b>	<b>.004</b>	<b>.387</b>	<b>.474</b>	<b>1</b>	<b>.475</b>	<b>.308</b>	.768	<b>.995</b>	<b>.000</b>	<b>.999</b>	<b>.596</b>	<b>1</b>
SAD	SA10	.999	<b>1</b>	<b>.000</b>	<b>1</b>	<b>.283</b>	<b>.714</b>	<b>1</b>	<b>.967</b>	<b>1</b>	.179	<b>.000</b>	<b>1</b>	<b>.000</b>	.040	.714	<b>.000</b>	<b>.000</b>	<b>.000</b>
DA10	SA10	<b>1</b>	.979	.626	<b>.000</b>	.239	<b>1</b>	.162	.015	.001	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	.993	<b>.000</b>	<b>.000</b>	<b>.000</b>
DA20	SA10	<b>.034</b>	.013	.003	.008	.013	<b>.997</b>	.714	.198	.259	.065	<b>1</b>	.475	<b>.000</b>	<b>1</b>	.011	.626	.979	.416
DAD	SA10	.006	.002	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.004</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.030</b>	<b>.000</b>	<b>.000</b>
SAD	SA20	.002	<b>.000</b>	<b>.000</b>	.034	<b>.000</b>	<b>.307</b>	.015	.015	.416	.075	<b>.000</b>	.162	<b>.000</b>	<b>.001</b>	.012	<b>.000</b>	<b>.000</b>	<b>.000</b>
DA10	SA20	<b>.000</b>	<b>.000</b>	.741	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	.030	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>
DA20	SA20	.859	.995	.005	<b>.000</b>	<b>.000</b>	.026	<b>.000</b>	<b>.000</b>	<b>.000</b>	.023	.131	<b>.000</b>	.040	.984	.741	.162	.051	.197
DAD	SA20	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>
DA10	SAD	.999	.993	.003	.003	<b>1</b>	.475	.067	.387	.002	.015	<b>1</b>	<b>.000</b>	.596	.714	<b>.131</b>	.988	<b>1</b>	.925
DA20	SAD	<b>.259</b>	.007	.626	.066	.984	.995	.475	.925	.307	<b>1</b>	<b>.004</b>	.685	.535	<b>.066</b>	<b>.741</b>	<b>.026</b>	<b>.004</b>	<b>.005</b>
DAD	SAD	<b>.000</b>	.003	<b>1</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	.007	<b>.000</b>	.040	<b>.000</b>	<b>.000</b>	.084	.180	.094
DA20	DA10	<b>.034</b>	<b>.000</b>	.565	<b>.997</b>	.991	<b>.967</b>	<b>.997</b>	<b>.997</b>	<b>.838</b>	<b>.051</b>	<b>.004</b>	<b>.001</b>	<b>1</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.333</b>
DAD	DA10	<b>.006</b>	<b>.094</b>	.009	.998	<b>.001</b>	.015	.146	.006	.283	.792	.006	<b>.991</b>	<b>.000</b>	.217	.359	.656	.535	<b>.001</b>
DAD	DA20	<b>.000</b>	<b>.000</b>	<b>.839</b>	.768	.031	<b>.000</b>	.009	<b>.000</b>	<b>.002</b>	<b>.000</b>	<b>.000</b>	.051	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>