

Table 1: Detailed results XH dataset by Pessoa et al. (2018): Minimum and average error gap to BKS per instance and solution method. Bolt marks the best result for each instance, underlined entries denote the best average performance. Blank cells indicate no feasible solution was found within the time limit by the given solution method.

	Minimum Error Gap			Mean Error Gap		
	DRSCI	GSPI	PyVRP	DRSCI	GSPI	PyVRP
X101-FSMFD	0.0009	0.0328	<b>0.0</b>	0.0024	0.0363	<u>0.002</u>
X106-FSMD	0.0029	0.0330	<b>0.0005</b>	0.0034	0.0486	<u>0.0013</u>
X110-HD	<b>0.0156</b>	0.0402	0.0249	<u>0.0183</u>	0.0544	<u>0.0279</u>
X115-HVRP	0.0123	-	<b>0.0011</b>	0.0300	-	<u>0.0013</u>
X120-FSMF	<b>0.0256</b>	0.0494	15.5474	<u>0.032</u>	0.0538	<u>16.0676</u>
X125-HVRP	0.0154	<b>0.0138</b>	-	0.0197	<u>0.0183</u>	-
X129-FSMFD	<b>0.019</b>	0.0321	5.6310	<u>0.0225</u>	0.0366	5.7698
X134-FSMD	0.0026	0.0327	<b>-0.0007</b>	<u>0.0056</u>	0.0419	<u>0.0014</u>
X139-HD	0.0678	0.0602	<b>0.0515</b>	0.0777	0.1004	<u>0.0538</u>
X143-FSMF	-0.0577	0.0310	<b>-0.0585</b>	-0.0521	0.0411	<u>-0.0562</u>
X148-HVRP	<b>0.0263</b>	0.0318	-	<u>0.0303</u>	0.0351	-
X153-FSMFD	<b>0.0043</b>	0.0285	0.0048	<u>0.0064</u>	0.0411	0.0064
X157-HD	<b>0.0266</b>	0.0533	-	<u>0.0484</u>	0.0570	-
X162-FSMD	0.0023	0.0367	<b>0.0</b>	0.0043	0.0453	<u>0.0021</u>
X167-FSMF	<b>0.0088</b>	0.0201	0.3305	<u>0.0193</u>	0.0306	11.6258
X172-HVRP	<b>0.0107</b>	0.0461	0.0303	<u>0.0118</u>	0.0503	0.0324
X176-FSMFD	<b>0.0365</b>	0.0431	-	<u>0.0412</u>	0.0680	-
X181-HD	<b>0.0345</b>	0.0361	-	0.0410	<u>0.0399</u>	-
X186-FSMD	<b>0.0047</b>	0.0477	0.0087	<u>0.0065</u>	0.0562	0.0132
X190-FSMF	<b>0.0152</b>	0.0322	0.0312	<u>0.0219</u>	0.0420	0.0564
X195-FSMF	-0.0157	0.0104	<b>-0.0158</b>	-0.0130	0.0132	<u>-0.0132</u>
X200-HD	0.0132	0.0157	<b>0.0032</b>	0.0169	0.0177	<u>0.0039</u>
X204-FSMD	<b>0.0022</b>	0.0411	0.0183	<u>0.0066</u>	0.0493	0.0285
X209-FSMFD	<b>0.0181</b>	0.0404	0.0309	<u>0.0232</u>	0.0530	0.0345
X214-HVRP	0.0263	0.0771	<b>-0.0062</b>	0.0413	0.0891	<u>-0.0015</u>
X219-HD	<b>0.0039</b>	0.0049	-	0.0047	0.0064	-
X223-HVRP	<b>0.0169</b>	0.0309	-	<u>0.0332</u>	0.0467	-
X228-FSMFD	<b>0.0142</b>	0.0397	0.0201	<u>0.0175</u>	0.0485	0.0221
X233-FSMD	0.0078	0.0497	<b>0.0014</b>	<u>0.0137</u>	0.0663	0.0158
X237-FSMF	<b>-0.0055</b>	0.0524	14.8823	<u>0.0085</u>	0.0682	14.9189
X242-FSMFD	<b>0.0143</b>	0.0257	3.5777	<u>0.0153</u>	0.0276	3.7333
X247-HVRP	0.0203	0.0380	<b>0.0109</b>	0.0229	0.0474	<u>0.0161</u>
X251-FSMD	<b>0.0067</b>	0.0468	0.0171	<u>0.008</u>	0.0502	0.0177
X256-FSMF	-0.0068	0.0160	<b>-0.0136</b>	0.0002	0.0224	<u>-0.0104</u>
X261-HD	0.0245	0.0518	<b>-0.0061</b>	0.0343	0.0642	<u>-0.002</u>
X266-HD	<b>0.0194</b>	0.0330	0.0699	<u>0.0261</u>	0.0450	0.0789
X270-FSMD	<b>0.0058</b>	0.0292	0.0156	<u>0.006</u>	0.0366	0.0228
X275-HVRP	0.0546	<b>0.0533</b>	-	<u>0.0584</u>	0.0586	-
X280-FSMF	<b>0.0171</b>	0.0249	14.0816	<u>0.0284</u>	0.0392	14.2440
X284-FSMFD	<b>0.023</b>	0.0299	0.0336	<u>0.0304</u>	0.0400	0.0373
X289-HVRP	<b>0.016</b>	0.0312	0.0295	<u>0.0229</u>	0.0335	0.0311
X294-HD	0.0159	0.0428	<b>0.005</b>	0.0208	0.0497	<u>0.0081</u>
X298-FSMD	<b>0.0035</b>	0.0362	0.0188	<u>0.0041</u>	0.0485	0.0211
X303-FSMFD	0.0004	0.0241	<b>-0.0065</b>	0.0023	0.0431	<u>-0.0029</u>
X308-FSMF	<b>-0.0006</b>	0.0118	0.2924	<u>0.0079</u>	0.0231	0.3288
X313-FSMD	<b>0.0017</b>	0.0179	0.0043	<u>0.0034</u>	0.0193	0.0059
X317-HVRP	<b>0.0083</b>	0.0098	-	<u>0.0095</u>	0.0106	-
X322-HD	0.0132	0.0415	<b>0.0037</b>	0.0202	0.0451	<u>0.0059</u>
X327-FSMFD	<b>0.0241</b>	0.0380	0.0387	<u>0.027</u>	0.0430	0.0405
X331-FSMF	<b>-0.0041</b>	0.0219	19.6873	<u>0.0083</u>	0.0286	20.1363
X336-FSMF	<b>0.0144</b>	0.0371	0.1172	<u>0.0186</u>	0.0412	0.1284
X344-FSMD	<b>0.0019</b>	0.0396	0.0199	<u>0.0035</u>	0.0444	0.0207
X351-HVRP	0.0307	0.0316	<b>0.0043</b>	<u>0.0328</u>	0.0345	<u>0.0064</u>
X359-HD	<b>0.0515</b>	0.0528	0.0578	<u>0.0579</u>	0.0618	0.0617
X367-FSMFD	<b>0.011</b>	0.0261	0.0613	<u>0.0174</u>	0.0312	0.0660
X376-HD	<b>0.0078</b>	0.0115	-	<u>0.0105</u>	0.0129	-
X384-FSMF	0.0082	0.0344	<b>0.0046</b>	0.0093	0.0398	<u>0.0084</u>
X393-HVRP	<b>0.032</b>	0.0335	-	<u>0.035</u>	0.0361	-
X401-FSMFD	-0.0096	0.0159	<b>-0.0131</b>	-0.0082	0.0228	<u>-0.0126</u>

Table 1: (continued)

	Minimum Error Gap			Mean Error Gap		
	DRSCI	GSPI	PyVRP	DRSCI	GSPI	PyVRP
X411-FSMD	-0.0048	0.0703	<b>-0.0153</b>	0.0010	0.0850	<u>-0.0092</u>
X420-FSMD	<b>0.0133</b>	0.0353	-	<u>0.0148</u>	0.0564	-
X429-HVRP	0.0209	0.0338	<b>0.0037</b>	0.0239	0.0385	<u>0.0046</u>
X439-FSMF	<b>0.0264</b>	0.0490	10.3613	<u>0.0294</u>	0.0515	10.5406
X449-FSMFD	-0.0096	0.0231	<b>-0.0148</b>	-0.0080	0.0273	<u>-0.0142</u>
X459-HD	0.0434	0.0634	<b>0.0036</b>	0.0539	0.0662	<u>0.0064</u>
X469-HD	<b>0.0092</b>	0.0561	0.0119	<u>0.0104</u>	0.0592	0.0139
X480-FSMD	<b>0.0121</b>	0.0368	5.1672	<u>0.0146</u>	0.0396	5.2428
X491-FSMF	0.0073	0.0348	<b>0.0069</b>	<u>0.0104</u>	0.0378	0.0184
X502-FSMFD	<b>-0.0074</b>	0.0209	12.1135	<u>-0.0008</u>	0.0223	12.2447
X513-HVRP	0.0384	0.0431	<b>0.019</b>	<u>0.0427</u>	0.0518	<u>0.0245</u>
X524-HD	<b>0.0286</b>	0.0454	0.0468	<u>0.0325</u>	0.0482	0.0551
X536-FSMFD	0.0039	0.0702	<b>0.0037</b>	0.0069	0.0736	<u>0.0047</u>
X548-FSMF	<b>0.0224</b>	0.0432	11.2333	<u>0.026</u>	0.0448	11.3470
X561-FSMD	<b>0.0088</b>	0.0388	0.0261	<u>0.0123</u>	0.0487	0.0272
X573-HVRP	0.0180	<b>0.0169</b>	-	0.0233	<u>0.0226</u>	-
X586-FSMF	<b>0.0294</b>	0.0525	3.0280	<u>0.0325</u>	0.0546	3.0893
X599-FSMD	<b>0.0008</b>	0.0496	0.0072	<u>0.0009</u>	0.0520	0.0084
X613-HD	0.0421	0.0413	<b>0.0161</b>	0.0452	0.0480	<u>0.0201</u>
X627-HVRP	<b>0.0165</b>	0.0172	-	0.0210	<u>0.0209</u>	-
X641-FSMFD	<b>0.0012</b>	0.0222	0.0085	<u>0.0043</u>	0.0285	0.0173
X655-HD	0.0248	<b>0.0237</b>	-	0.0253	<u>0.0252</u>	-
X670-FSMF	<b>0.0175</b>	0.0461	0.2692	<u>0.0236</u>	0.0516	-
X685-FSMD	<b>0.0032</b>	0.0472	0.0108	<u>0.0058</u>	0.0546	0.0126
X701-HVRP	0.0201	<b>0.0171</b>	-	0.0211	<u>0.0194</u>	-
X716-FSMFD	<b>-0.0035</b>	0.0162	-0.0022	<u>-0.0002</u>	0.0215	0.0023
X733-FSMFD	<b>0.0157</b>	0.0446	3.4048	<u>0.0183</u>	0.0467	3.4998
X749-FSMF	0.0100	0.0254	<b>0.0066</b>	0.0109	0.0273	<u>0.0082</u>
X766-FSMD	<b>0.0089</b>	0.0378	0.0208	<u>0.0105</u>	0.0402	0.0236
X783-HD	0.0416	0.0519	<b>0.0196</b>	0.0508	0.0567	<u>0.0263</u>
X801-HVRP	0.0441	<b>0.0426</b>	-	0.0466	<u>0.0442</u>	-
X819-FSMD	<b>0.0079</b>	0.0353	0.1571	<u>0.0095</u>	0.0386	0.1667
X837-HD	0.0200	<b>0.0173</b>	-	0.0287	<u>0.0218</u>	-
X856-HVRP	0.0308	<b>0.0292</b>	-	0.0314	<u>0.0311</u>	-
X876-FSMF	-0.0841	-0.0632	<b>-0.0905</b>	-0.0821	-0.0583	<u>-0.0844</u>
X895-FSMFD	-0.0025	0.0355	<b>-0.0071</b>	-0.0008	0.0393	<u>-0.0046</u>
X916-FSMFD	<b>0.0264</b>	0.0394	3.4529	<u>0.0279</u>	0.0410	3.4807
X936-FSMD	<b>0.007</b>	0.0363	0.0112	<u>0.0088</u>	0.0389	0.0121
X957-HD	<b>0.0735</b>	0.0775	-	<u>0.0857</u>	<u>0.0791</u>	-
X979-HVRP	0.0097	0.0072	<b>-0.006</b>	0.0133	0.0095	<u>-0.0035</u>
X1001-FSMF	-0.0417	0.0020	<b>-0.0554</b>	-0.0367	0.0082	<u>-0.0533</u>

Table 2: Detailed results FSMVRPTW dataset by Bräysy et al. (2009): Minimum and average error gap to BKS per instance and solution method. Bolt marks the best result for each instance, underlined entries denote the best average performance. Blank cells indicate no feasible solution was found within the time limit by the given solution method.

	Minimum Error Gap			Mean Error Gap		
	DRSCI	GSPI	PyVRP	DRSCI	GSPI	PyVRP
c1_10_10_fsm_A	<b>-0.0223</b>	-0.0204	0.0069	<u>-0.0194</u>	-0.0175	0.0092
c1_10_10_fsm_C	<b>-0.0472</b>	-0.0406	-0.0379	<u>-0.0422</u>	-0.0402	-0.0325
c1_10_1_fsm_A	<b>0.0006</b>	0.0119	0.0876	<u>0.0012</u>	0.0125	0.0946
c1_10_1_fsm_C	<b>0.0</b>	0.0010	0.0153	<u>0.0001</u>	0.0012	0.0167
c1_10_2_fsm_A	<b>-0.015</b>	0.0017	0.0317	<u>-0.0126</u>	0.0059	0.0451
c1_10_2_fsm_C	<b>-0.0246</b>	-0.0206	-0.0125	<u>-0.0224</u>	-0.0161	-0.0096
c1_10_3_fsm_A	<b>-0.0257</b>	-0.0225	-0.0012	<u>-0.0211</u>	-0.0089	0.0055
c1_10_3_fsm_C	<b>-0.0462</b>	-0.0417	-0.0311	<u>-0.0429</u>	-0.0373	-0.0249
c1_10_4_fsm_A	<b>-0.014</b>	0.0072	0.0003	<u>-0.011</u>	0.0124	0.0038
c1_10_4_fsm_C	<b>-0.0586</b>	-0.0158	-0.0435	<u>-0.054</u>	-0.0105	-0.0329
c1_10_5_fsm_A	<b>-0.004</b>	0.0080	0.0702	<u>-0.0032</u>	0.0092	0.0784
c1_10_5_fsm_C	<b>-0.0005</b>	0.0010	0.0133	<u>-0.0005</u>	0.0010	0.0164
c1_10_6_fsm_A	<b>-0.0071</b>	0.0056	0.0536	<u>-0.0062</u>	0.0061	0.0773
c1_10_6_fsm_C	<b>-0.0016</b>	-0.0003	0.0144	<u>-0.0016</u>	-0.0002	0.0160
c1_10_7_fsm_A	<b>-0.0129</b>	0.0007	0.0357	<u>-0.0111</u>	0.0007	0.0513
c1_10_7_fsm_C	<b>-0.0027</b>	-0.0017	0.0118	<u>-0.0025</u>	-0.0014	0.0155
c1_10_8_fsm_A	<b>-0.0096</b>	-0.0005	0.0367	<u>-0.0087</u>	0.0026	0.0507
c1_10_8_fsm_C	<b>-0.0162</b>	-0.0133	0.0030	<u>-0.0113</u>	-0.0107	0.0059
c1_10_9_fsm_A	<b>-0.0152</b>	-0.0061	0.0394	<u>-0.0107</u>	-0.0024	0.0440
c1_10_9_fsm_C	-0.0239	<b>-0.0248</b>	-0.0120	<u>-0.0223</u>	-0.0217	-0.0088
c1_2_10_fsm_A	<b>-0.0053</b>	0.0185	0.0031	<u>0.0036</u>	0.0224	0.0049
c1_2_10_fsm_C	<b>-0.007</b>	-0.0025	-0.0038	<u>-0.0047</u>	-0.0025	0.0043
c1_2_1_fsm_A	<b>0.0037</b>	0.0335	0.0246	<u>0.0073</u>	0.0335	0.0294
c1_2_1_fsm_C	<b>0.0005</b>	0.0043	0.0005	0.0011	0.0043	<u>0.001</u>
c1_2_2_fsm_A	0.0066	0.0264	<b>0.0024</b>	0.0088	0.0303	<u>0.0058</u>
c1_2_2_fsm_C	<b>0.0007</b>	0.0051	0.0086	<u>0.0023</u>	0.0124	0.0112
c1_2_3_fsm_A	<b>-0.0097</b>	0.0032	-0.0040	<u>-0.0028</u>	0.0061	0.0003
c1_2_3_fsm_C	<b>-0.0064</b>	-0.0056	-0.0031	<u>-0.0055</u>	-0.0051	-0.0011
c1_2_4_fsm_A	<b>-0.0094</b>	0.0082	-0.0046	<u>-0.0015</u>	0.0155	<u>-0.0032</u>
c1_2_4_fsm_C	<b>-0.0099</b>	-0.0059	-0.0050	<u>-0.0072</u>	-0.0026	-0.0023
c1_2_5_fsm_A	<b>-0.0016</b>	0.0279	0.0120	<u>0.007</u>	0.0279	0.0211
c1_2_5_fsm_C	<b>0.0002</b>	0.0027	0.0005	<u>0.0004</u>	0.0027	0.0012
c1_2_6_fsm_A	<b>0.0051</b>	0.0269	0.0059	<u>0.0073</u>	0.0269	0.0149
c1_2_6_fsm_C	<b>0.0003</b>	0.0025	0.0003	<u>0.0003</u>	0.0025	0.0010
c1_2_7_fsm_A	0.0016	0.0229	<b>0.0005</b>	<u>0.005</u>	0.0229	0.0096
c1_2_7_fsm_C	<b>0.001</b>	0.0043	0.0104	<u>0.0019</u>	0.0043	0.0184
c1_2_8_fsm_A	-0.0016	0.0277	<b>-0.0036</b>	0.0044	0.0277	<u>0.0035</u>
c1_2_8_fsm_C	<b>-0.0001</b>	0.0146	0.0064	<u>0.0024</u>	0.0146	0.0180
c1_2_9_fsm_A	<b>-0.0075</b>	0.0140	-0.0052	-0.0005	0.0140	<u>-0.0011</u>
c1_2_9_fsm_C	<b>-0.0005</b>	0.0027	0.0054	<u>0.0007</u>	0.0027	0.0095
c1_4_10_fsm_A	-0.0103	0.0008	<b>-0.012</b>	<u>-0.0062</u>	0.0072	-0.0076
c1_4_10_fsm_C	<b>-0.0145</b>	-0.0144	-0.0101	<u>-0.0129</u>	-0.0122	-0.0068
c1_4_1_fsm_A	<b>0.0039</b>	0.0142	0.0406	<u>0.0059</u>	0.0142	0.0501
c1_4_1_fsm_C	<b>0.0002</b>	0.0011	0.0008	<u>0.0005</u>	0.0011	0.0090
c1_4_2_fsm_A	<b>-0.0036</b>	0.0245	0.0002	<u>-0.0002</u>	0.0329	0.0066
c1_4_2_fsm_C	<b>-0.0037</b>	0.0132	-0.0001	<u>-0.0023</u>	0.0179	0.0034
c1_4_3_fsm_A	<b>-0.0102</b>	-0.0053	-0.0098	<u>-0.0076</u>	0.0038	-0.0032
c1_4_3_fsm_C	<b>-0.0119</b>	0.0114	-0.0056	<u>-0.0057</u>	0.0207	-0.0018
c1_4_4_fsm_A	<b>-0.0115</b>	-0.0006	-0.0070	<u>-0.0081</u>	0.0048	0.0007
c1_4_4_fsm_C	-0.0224	-0.0099	<b>-0.0229</b>	<u>-0.0193</u>	0.0004	-0.0208
c1_4_5_fsm_A	<b>-0.0048</b>	0.0081	0.0372	<u>-0.0032</u>	0.0081	0.0384
c1_4_5_fsm_C	<b>0.0</b>	0.0018	0.0054	<u>0.0004</u>	0.0018	0.0124
c1_4_6_fsm_A	<b>-0.0142</b>	0.0017	0.0126	<u>-0.0117</u>	0.0017	0.0255
c1_4_6_fsm_C	<b>0.0002</b>	0.0027	0.0098	<u>0.0008</u>	0.0027	0.0139
c1_4_7_fsm_A	<b>-0.0148</b>	0.0005	0.0076	<u>-0.0132</u>	0.0005	0.0209
c1_4_7_fsm_C	<b>0.0</b>	0.0034	0.0138	<u>0.0005</u>	0.0034	0.0168
c1_4_8_fsm_A	<b>-0.0114</b>	0.0065	-0.0023	<u>-0.0086</u>	0.0072	0.0053
c1_4_8_fsm_C	<b>-0.005</b>	0.0004	0.0036	<u>-0.0044</u>	0.0011	0.0075
c1_4_9_fsm_A	<b>-0.0132</b>	0.0030	-0.0007	<u>-0.0104</u>	0.0073	0.0025

Table 2: (continued)

	Minimum Error Gap			Mean Error Gap		
	DRSCI	GSPI	PyVRP	DRSCI	GSPI	PyVRP
c1.4.9_fsm_C	<b>-0.016</b>	-0.0141	-0.0125	<u>-0.0144</u>	-0.0127	-0.0069
c1.6.10_fsm_A	-0.0156	-0.0084	<b>-0.0167</b>	<u>-0.0107</u>	-0.0048	-0.0070
c1.6.10_fsm_C	<b>-0.0086</b>	-0.0078	-0.0051	<u>-0.0038</u>	-0.0019	-0.0026
c1.6.1_fsm_A	<b>0.0034</b>	0.0206	0.0612	<u>0.0045</u>	0.0230	0.0660
c1.6.1_fsm_C	<b>-0.0004</b>	0.0035	0.0079	<u>-0.0</u>	0.0037	0.0125
c1.6.2_fsm_A	<b>-0.0002</b>	0.0216	0.0159	<u>0.0013</u>	0.0236	0.0223
c1.6.2_fsm_C	<b>-0.0037</b>	-0.0030	0.0031	<u>-0.0028</u>	0.0030	0.0066
c1.6.3_fsm_A	<b>-0.0088</b>	-0.0004	-0.0033	<u>-0.0059</u>	0.0067	0.0038
c1.6.3_fsm_C	<b>-0.0263</b>	-0.0131	-0.0235	<u>-0.0237</u>	-0.0099	-0.0107
c1.6.4_fsm_A	<b>-0.0064</b>	0.0143	-0.0054	<u>-0.0012</u>	0.0174	-0.0000
c1.6.4_fsm_C	<b>-0.0237</b>	0.0046	-0.0200	<u>-0.0222</u>	0.0097	-0.0158
c1.6.5_fsm_A	<b>-0.0043</b>	0.0176	0.0332	<u>-0.0024</u>	0.0191	0.0390
c1.6.5_fsm_C	<b>0.0001</b>	0.0037	0.0137	<u>0.0006</u>	0.0038	0.0181
c1.6.6_fsm_A	<b>-0.0102</b>	0.0109	0.0327	<u>-0.009</u>	0.0117	0.0408
c1.6.6_fsm_C	<b>-0.0008</b>	0.0034	0.0095	<u>-0.0005</u>	0.0034	0.0144
c1.6.7_fsm_A	<b>-0.0112</b>	0.0101	0.0334	<u>-0.0091</u>	0.0123	0.0459
c1.6.7_fsm_C	<b>-0.0006</b>	0.0031	0.0198	<u>-0.0002</u>	0.0031	0.0216
c1.6.8_fsm_A	<b>-0.0081</b>	0.0062	0.0361	<u>-0.0054</u>	0.0108	0.0422
c1.6.8_fsm_C	<b>-0.0041</b>	0.0008	0.0076	<u>-0.003</u>	0.0023	0.0099
c1.6.9_fsm_A	<b>-0.0134</b>	-0.0005	0.0076	<u>-0.0099</u>	0.0039	0.0159
c1.6.9_fsm_C	<b>-0.0121</b>	-0.0044	-0.0026	<u>-0.0098</u>	-0.0037	0.0008
c1.8.10_fsm_A	<b>-0.0207</b>	-0.0179	-0.0045	<u>-0.0152</u>	-0.0134	-0.0005
c1.8.10_fsm_C	<b>-0.0348</b>	-0.0327	-0.0273	<u>-0.0284</u>	<u>-0.0298</u>	-0.0227
c1.8.1_fsm_A	<b>0.0021</b>	0.0142	0.0871	<u>0.0031</u>	0.0165	0.0917
c1.8.1_fsm_C	<b>-0.0005</b>	0.0008	0.0148	<u>-0.0004</u>	0.0012	0.0178
c1.8.2_fsm_A	<b>-0.004</b>	0.0163	0.0345	<u>-0.0025</u>	0.0192	0.0403
c1.8.2_fsm_C	<b>-0.0091</b>	-0.0027	0.0056	<u>-0.0079</u>	-0.0022	0.0080
c1.8.3_fsm_A	<b>-0.017</b>	-0.0016	-0.0016	<u>-0.0137</u>	0.0064	0.0026
c1.8.3_fsm_C	<b>-0.0336</b>	-0.0167	-0.0161	<u>-0.0311</u>	-0.0071	-0.0102
c1.8.4_fsm_A	<b>-0.0175</b>	0.0056	-0.0035	<u>-0.0144</u>	0.0068	-0.0029
c1.8.4_fsm_C	<b>-0.0432</b>	-0.0238	-0.0401	<u>-0.0409</u>	-0.0165	-0.0306
c1.8.5_fsm_A	<b>-0.0047</b>	0.0106	0.0483	<u>-0.0042</u>	0.0115	0.0614
c1.8.5_fsm_C	<b>-0.0002</b>	0.0011	0.0170	<u>-0.0</u>	0.0011	0.0197
c1.8.6_fsm_A	<b>-0.0122</b>	0.0032	0.0377	<u>-0.0114</u>	0.0040	0.0596
c1.8.6_fsm_C	<b>-0.0016</b>	-0.0000	0.0178	<u>-0.0015</u>	0.0002	0.0199
c1.8.7_fsm_A	<b>-0.0116</b>	0.0042	0.0379	<u>-0.01</u>	0.0045	0.0560
c1.8.7_fsm_C	<b>-0.0017</b>	0.0003	0.0163	<u>-0.0014</u>	0.0003	0.0183
c1.8.8_fsm_A	<b>-0.0138</b>	-0.0027	0.0387	<u>-0.0103</u>	0.0015	0.0432
c1.8.8_fsm_C	<b>-0.0133</b>	-0.0116	0.0028	<u>-0.0083</u>	<u>-0.011</u>	0.0055
c1.8.9_fsm_A	<b>-0.0236</b>	-0.0114	0.0160	<u>-0.0196</u>	-0.0052	0.0217
c1.8.9_fsm_C	<b>-0.0266</b>	-0.0255	-0.0191	<u>-0.0254</u>	-0.0251	-0.0154
c2.10.10_fsm_A	<b>-0.0419</b>	-0.0417	-0.0258	<u>-0.0356</u>	<u>-0.0362</u>	-0.0120
c2.10.10_fsm_C	-0.0957	<b>-0.098</b>	-0.0879	<u>-0.0951</u>	-0.0937	-0.0847
c2.10.1_fsm_A	<b>-0.0392</b>	-0.0314	-0.0151	<u>-0.0366</u>	-0.0314	0.0209
c2.10.1_fsm_C	<b>-0.0755</b>	-0.0719	-0.0647	<u>-0.0739</u>	-0.0719	-0.0500
c2.10.2_fsm_A	<b>-0.0577</b>	-0.0393	-0.0036	<u>-0.0516</u>	-0.0355	0.0035
c2.10.2_fsm_C	<b>-0.0786</b>	-0.0705	-0.0656	<u>-0.0762</u>	-0.0695	-0.0542
c2.10.3_fsm_A	<b>-0.0454</b>	-0.0286	-0.0141	<u>-0.0377</u>	-0.0219	-0.0043
c2.10.3_fsm_C	<b>-0.0935</b>	-0.0879	-0.0854	<u>-0.0923</u>	-0.0871	-0.0793
c2.10.4_fsm_A	<b>-0.0281</b>	-0.0270	-0.0249	<u>-0.0239</u>	-0.0210	-0.0146
c2.10.4_fsm_C	<b>-0.0874</b>	-0.0817	-0.0799	<u>-0.0812</u>	-0.0771	-0.0703
c2.10.5_fsm_A	<b>-0.0485</b>	-0.0383	0.0124	<u>-0.045</u>	-0.0322	0.0252
c2.10.5_fsm_C	<b>-0.0848</b>	-0.0831	-0.0674	<u>-0.0832</u>	-0.0818	-0.0588
c2.10.6_fsm_A	<b>-0.0516</b>	-0.0386	0.0078	<u>-0.0465</u>	-0.0350	0.0201
c2.10.6_fsm_C	<b>-0.103</b>	-0.0998	-0.0903	<u>-0.0999</u>	-0.0976	-0.0823
c2.10.7_fsm_A	<b>-0.044</b>	-0.0331	0.0041	<u>-0.0407</u>	-0.0290	0.0145
c2.10.7_fsm_C	<b>-0.0876</b>	-0.0849	-0.0726	<u>-0.0852</u>	-0.0845	-0.0672
c2.10.8_fsm_A	<b>-0.0488</b>	-0.0249	-0.0033	<u>-0.0422</u>	-0.0212	0.0099
c2.10.8_fsm_C	<b>-0.0935</b>	-0.0880	-0.0858	<u>-0.0926</u>	-0.0869	-0.0813
c2.10.9_fsm_A	<b>-0.0499</b>	-0.0334	-0.0201	<u>-0.0432</u>	-0.0287	-0.0086
c2.10.9_fsm_C	<b>-0.0984</b>	-0.0916	-0.0857	<u>-0.0962</u>	-0.0910	-0.0812
c2.2.10_fsm_A	0.0055	0.0354	<b>0.0005</b>	0.0154	0.0485	<u>0.012</u>
c2.2.10_fsm_C	-0.0097	0.0075	<b>-0.0105</b>	0.0026	0.0075	<u>-0.004</u>

Table 2: (continued)

	Minimum Error Gap			Mean Error Gap		
	DRSCI	GSPI	PyVRP	DRSCI	GSPI	PyVRP
c2.2.1_fsm_A	<b>-0.0067</b>	0.0193	-0.0044	0.0107	0.0193	<u>0.0099</u>
c2.2.1_fsm_C	0.0020	0.0059	<b>0.0002</b>	<u>0.0057</u>	0.0059	0.0108
c2.2.2_fsm_A	<b>-0.0315</b>	0.0052	-0.0120	<u>-0.004</u>	0.0052	0.0095
c2.2.2_fsm_C	-0.0128	-0.0051	<b>-0.015</b>	<u>-0.0066</u>	-0.0051	-0.0016
c2.2.3_fsm_A	<b>0.0119</b>	0.0361	0.0140	0.0223	0.0362	<u>0.015</u>
c2.2.3_fsm_C	<b>-0.0183</b>	-0.0116	-0.0170	<u>-0.0156</u>	-0.0116	-0.0120
c2.2.4_fsm_A	-0.0108	0.0235	<b>-0.0128</b>	0.0007	0.0303	<u>-0.0058</u>
c2.2.4_fsm_C	<b>-0.0262</b>	-0.0145	-0.0213	<u>-0.022</u>	-0.0145	-0.0143
c2.2.5_fsm_A	<b>-0.0177</b>	0.0227	0.0034	<u>0.0059</u>	0.0266	0.0167
c2.2.5_fsm_C	-0.0049	0.0045	<b>-0.012</b>	-0.0001	0.0047	-0.0085
c2.2.6_fsm_A	<b>0.0076</b>	0.0206	0.0096	0.0135	0.0206	<u>0.0122</u>
c2.2.6_fsm_C	0.0001	0.0001	<b>-0.0122</b>	0.0001	0.0001	<u>-0.0017</u>
c2.2.7_fsm_A	-0.0107	0.0143	<b>-0.0115</b>	<u>0.0001</u>	0.0143	0.0015
c2.2.7_fsm_C	<b>-0.0147</b>	0.0009	-0.0114	-0.0040	0.0009	<u>-0.0051</u>
c2.2.8_fsm_A	<b>0.0008</b>	0.0270	0.0094	<u>0.0144</u>	0.0271	0.0254
c2.2.8_fsm_C	-0.0066	-0.0066	<b>-0.0205</b>	-0.0066	-0.0064	-0.0096
c2.2.9_fsm_A	<b>-0.0077</b>	0.0104	0.0017	<u>-0.0015</u>	0.0235	0.0075
c2.2.9_fsm_C	-0.0076	0.0030	<b>-0.0134</b>	<u>-0.005</u>	0.0031	-0.0027
c2.4.10_fsm_A	<b>-0.0345</b>	-0.0173	-0.0269	<u>-0.0251</u>	-0.0002	-0.0078
c2.4.10_fsm_C	-0.0454	-0.0366	<b>-0.0456</b>	<u>-0.0359</u>	-0.0321	-0.0353
c2.4.1_fsm_A	<b>-0.0339</b>	-0.0192	-0.0107	<u>-0.0204</u>	-0.0192	0.0112
c2.4.1_fsm_C	<b>-0.0257</b>	-0.0257	-0.0222	<u>-0.0225</u>	<u>-0.0257</u>	-0.0088
c2.4.2_fsm_A	<b>-0.0019</b>	0.0058	0.0134	<u>0.0021</u>	0.0158	0.0320
c2.4.2_fsm_C	-0.0370	-0.0337	<b>-0.0389</b>	<u>-0.0353</u>	-0.0330	-0.0286
c2.4.3_fsm_A	<b>-0.0249</b>	-0.0082	-0.0230	<u>-0.0212</u>	-0.0005	-0.0099
c2.4.3_fsm_C	<b>-0.037</b>	-0.0259	-0.0160	<u>-0.0302</u>	-0.0168	-0.0135
c2.4.4_fsm_A	<b>-0.0291</b>	-0.0036	-0.0204	-0.0094	0.0029	<u>-0.0165</u>
c2.4.4_fsm_C	<b>-0.0466</b>	-0.0284	-0.0447	<u>-0.0399</u>	-0.0241	-0.0344
c2.4.5_fsm_A	<b>-0.027</b>	-0.0090	0.0014	<u>-0.0244</u>	-0.0067	0.0118
c2.4.5_fsm_C	-0.0340	-0.0308	<b>-0.0399</b>	<u>-0.0325</u>	-0.0305	-0.0249
c2.4.6_fsm_A	<b>-0.0222</b>	0.0058	-0.0048	<u>-0.0067</u>	0.0061	0.0060
c2.4.6_fsm_C	-0.0259	-0.0146	<b>-0.0343</b>	<u>-0.0189</u>	-0.0144	-0.0125
c2.4.7_fsm_A	<b>-0.0362</b>	-0.0021	-0.0176	<u>-0.0271</u>	0.0002	0.0009
c2.4.7_fsm_C	-0.0430	-0.0394	<b>-0.05</b>	<u>-0.0401</u>	-0.0390	<u>-0.0432</u>
c2.4.8_fsm_A	<b>-0.0445</b>	-0.0112	-0.0074	<u>-0.0317</u>	-0.0044	0.0035
c2.4.8_fsm_C	-0.0517	-0.0501	<b>-0.0541</b>	<u>-0.0492</u>	-0.0462	-0.0329
c2.4.9_fsm_A	<b>-0.0341</b>	-0.0124	-0.0207	<u>-0.024</u>	-0.0038	-0.0097
c2.4.9_fsm_C	<b>-0.0321</b>	-0.0226	-0.0229	<u>-0.0258</u>	-0.0224	-0.0170
c2.6.10_fsm_A	<b>-0.0305</b>	-0.0104	-0.0247	<u>-0.024</u>	-0.0046	-0.0151
c2.6.10_fsm_C	<b>-0.0705</b>	-0.0608	-0.0649	<u>-0.0657</u>	-0.0586	-0.0615
c2.6.1_fsm_A	<b>-0.0426</b>	-0.0309	-0.0102	<u>-0.0341</u>	-0.0309	0.0017
c2.6.1_fsm_C	<b>-0.0365</b>	-0.0322	-0.0173	<u>-0.0322</u>	-0.0322	-0.0002
c2.6.2_fsm_A	<b>-0.0482</b>	-0.0274	-0.0401	<u>-0.0468</u>	-0.0260	-0.0277
c2.6.2_fsm_C	<b>-0.0504</b>	-0.0462	-0.0447	<u>-0.0483</u>	-0.0449	-0.0326
c2.6.3_fsm_A	<b>-0.0289</b>	-0.0115	-0.0200	<u>-0.0248</u>	-0.0061	-0.0118
c2.6.3_fsm_C	<b>-0.0616</b>	-0.0526	-0.0586	<u>-0.0584</u>	-0.0507	-0.0491
c2.6.4_fsm_A	<b>-0.0342</b>	-0.0182	-0.0306	<u>-0.0267</u>	-0.0117	-0.0206
c2.6.4_fsm_C	<b>-0.0747</b>	-0.0625	-0.0613	<u>-0.0656</u>	-0.0587	-0.0525
c2.6.5_fsm_A	<b>-0.0435</b>	-0.0316	-0.0120	<u>-0.0375</u>	-0.0276	0.0064
c2.6.5_fsm_C	<b>-0.059</b>	-0.0549	-0.0476	<u>-0.0529</u>	<u>-0.0549</u>	-0.0360
c2.6.6_fsm_A	<b>-0.0359</b>	-0.0180	-0.0209	<u>-0.0349</u>	-0.0139	-0.0032
c2.6.6_fsm_C	-0.0625	-0.0586	<b>-0.0634</b>	<u>-0.0588</u>	-0.0583	-0.0588
c2.6.7_fsm_A	<b>-0.0383</b>	-0.0241	-0.0369	<u>-0.0291</u>	-0.0194	-0.0083
c2.6.7_fsm_C	<b>-0.0707</b>	-0.0650	-0.0656	<u>-0.0677</u>	-0.0647	-0.0507
c2.6.8_fsm_A	<b>-0.0466</b>	-0.0164	-0.0260	<u>-0.034</u>	-0.0086	-0.0122
c2.6.8_fsm_C	<b>-0.0495</b>	-0.0451	-0.0408	<u>-0.0473</u>	-0.0441	-0.0331
c2.6.9_fsm_A	<b>-0.0365</b>	-0.0152	-0.0184	<u>-0.0313</u>	-0.0074	-0.0104
c2.6.9_fsm_C	<b>-0.0698</b>	-0.0663	-0.0693	<u>-0.0672</u>	-0.0640	-0.0642
c2.8.10_fsm_A	<b>-0.0304</b>	-0.0233	-0.0115	<u>-0.0231</u>	-0.0197	-0.0024
c2.8.10_fsm_C	-0.0679	-0.0673	<b>-0.0701</b>	<u>-0.0592</u>	<u>-0.0658</u>	-0.0613
c2.8.1_fsm_A	<b>-0.0449</b>	-0.0282	0.0037	<u>-0.0417</u>	-0.0275	0.0216
c2.8.1_fsm_C	<b>-0.0442</b>	-0.0414	-0.0428	<u>-0.0431</u>	-0.0409	-0.0307
c2.8.2_fsm_A	<b>-0.0412</b>	-0.0254	-0.0062	<u>-0.0336</u>	-0.0162	0.0020

Table 2: (continued)

	Minimum Error Gap			Mean Error Gap		
	DRSCI	GSPI	PyVRP	DRSCI	GSPI	PyVRP
c2.8.2_fsm_C	<b>-0.0734</b>	-0.0632	-0.0626	<u>-0.0718</u>	-0.0619	-0.0550
c2.8.3_fsm_A	<b>-0.0357</b>	-0.0271	-0.0278	<u>-0.0341</u>	-0.0246	-0.0224
c2.8.3_fsm_C	<b>-0.0762</b>	-0.0698	-0.0728	<u>-0.0655</u>	<u>-0.0667</u>	-0.0602
c2.8.4_fsm_A	<b>-0.0215</b>	-0.0126	-0.0063	<u>-0.0172</u>	-0.0082	-0.0019
c2.8.4_fsm_C	-0.0742	-0.0699	<b>-0.0766</b>	<u>-0.0707</u>	-0.0667	-0.0663
c2.8.5_fsm_A	<b>-0.0491</b>	-0.0231	0.0208	<u>-0.039</u>	-0.0165	0.0244
c2.8.5_fsm_C	<b>-0.0647</b>	-0.0575	-0.0541	<u>-0.0636</u>	-0.0575	-0.0514
c2.8.6_fsm_A	<b>-0.0508</b>	-0.0264	-0.0090	<u>-0.0424</u>	-0.0183	0.0099
c2.8.6_fsm_C	<b>-0.0623</b>	-0.0585	-0.0520	<u>-0.0605</u>	-0.0560	-0.0448
c2.8.7_fsm_A	<b>-0.042</b>	-0.0281	-0.0078	<u>-0.036</u>	-0.0242	-0.0007
c2.8.7_fsm_C	<b>0.0584</b>	0.0629	0.0705	<u>0.0619</u>	0.0646	0.0773
c2.8.8_fsm_A	<b>-0.0369</b>	-0.0287	-0.0119	<u>-0.0326</u>	-0.0187	-0.0043
c2.8.8_fsm_C	<b>-0.0774</b>	-0.0743	-0.0681	<u>-0.0758</u>	-0.0695	-0.0649
c2.8.9_fsm_A	<b>-0.0295</b>	-0.0188	-0.0005	<u>-0.0221</u>	-0.0114	0.0052
c2.8.9_fsm_C	<b>-0.091</b>	-0.0877	-0.0823	<u>-0.0879</u>	-0.0859	-0.0754
r1.10.10_fsm_A	<b>-0.0216</b>	0.0706	-0.0202	<u>-0.0204</u>	0.0756	-0.0002
r1.10.10_fsm_C	-0.0347	0.0840	<b>-0.0358</b>	<u>-0.0271</u>	0.0918	-0.0065
r1.10.1_fsm_A	<b>0.009</b>	0.0210	0.0269	<u>0.0188</u>	0.0270	0.0389
r1.10.1_fsm_C	<b>-0.02</b>	-0.0024	0.0084	<u>-0.0101</u>	0.0109	0.0180
r1.10.2_fsm_A	<b>-0.0063</b>	0.0580	-0.0033	<u>0.0042</u>	0.0657	0.0183
r1.10.2_fsm_C	<b>-0.035</b>	0.0319	-0.0081	<u>-0.0172</u>	0.0578	0.0152
r1.10.3_fsm_A	<b>-0.0178</b>	0.0747	0.0082	<u>-0.0064</u>	0.0904	0.0130
r1.10.3_fsm_C	-0.0349	0.0813	<b>-0.0416</b>	<u>-0.0192</u>	0.0890	-0.0170
r1.10.4_fsm_A	-0.0222	0.0510	<b>-0.0252</b>	<u>-0.0154</u>	0.0650	<u>-0.0223</u>
r1.10.4_fsm_C	<b>-0.0364</b>	0.0640	-0.0363	<u>-0.0289</u>	0.0712	<u>-0.0325</u>
r1.10.5_fsm_A	<b>-0.0188</b>	0.0839	0.0378	<u>-0.0083</u>	0.0947	0.0642
r1.10.5_fsm_C	<b>-0.0333</b>	0.0634	-0.0052	<u>-0.0281</u>	0.0695	0.0103
r1.10.6_fsm_A	<b>-0.0153</b>	0.1017	0.0061	<u>-0.0103</u>	0.1062	0.0164
r1.10.6_fsm_C	<b>-0.0421</b>	0.0864	-0.0170	<u>-0.0346</u>	0.0956	-0.0115
r1.10.7_fsm_A	<b>-0.0279</b>	0.0675	-0.0241	<u>-0.0241</u>	0.0785	-0.0152
r1.10.7_fsm_C	<b>-0.0389</b>	0.0867	-0.0283	<u>-0.0339</u>	0.1015	-0.0211
r1.10.8_fsm_A	-0.0200	0.0462	<b>-0.0288</b>	<u>-0.0146</u>	0.0536	<u>-0.0242</u>
r1.10.8_fsm_C	-0.0331	0.0715	<b>-0.039</b>	<u>-0.0268</u>	0.0735	<u>-0.0345</u>
r1.10.9_fsm_A	<b>-0.0247</b>	0.0818	0.0027	<u>-0.016</u>	0.0929	0.0243
r1.10.9_fsm_C	<b>-0.0297</b>	0.0878	-0.0020	<u>-0.0245</u>	0.1045	0.0074
r1.2.10_fsm_A	-0.0078	0.0968	<b>-0.0218</b>	0.0021	0.1173	<u>-0.0213</u>
r1.2.10_fsm_C	-0.0087	0.1061	<b>-0.0163</b>	<u>-0.0056</u>	0.1212	<u>-0.0124</u>
r1.2.1_fsm_A	0.0153	0.0344	<b>0.0029</b>	0.0255	0.0378	<u>0.0047</u>
r1.2.1_fsm_C	<b>-0.0025</b>	0.0127	-0.0017	<u>-0.0013</u>	0.0133	-0.0002
r1.2.2_fsm_A	0.0134	0.0206	<b>-0.0106</b>	0.0257	0.0252	<u>-0.0062</u>
r1.2.2_fsm_C	-0.0071	0.0116	<b>-0.0117</b>	<u>-0.0009</u>	0.0127	<u>-0.0095</u>
r1.2.3_fsm_A	-0.0029	0.0509	<b>-0.0049</b>	0.0162	0.0613	<u>0.0046</u>
r1.2.3_fsm_C	<b>-0.0116</b>	0.0227	-0.0085	<u>-0.0108</u>	0.0287	-0.0078
r1.2.4_fsm_A	-0.0126	0.0664	<b>-0.0166</b>	<u>0.0016</u>	0.0805	<u>-0.0165</u>
r1.2.4_fsm_C	-0.0115	0.1034	<b>-0.0172</b>	<u>-0.0042</u>	0.1164	<u>-0.016</u>
r1.2.5_fsm_A	-0.0046	0.0079	<b>-0.0102</b>	0.0070	0.0224	<u>-0.0055</u>
r1.2.5_fsm_C	-0.0114	0.0093	<b>-0.0116</b>	<u>-0.0086</u>	0.0275	<u>-0.0106</u>
r1.2.6_fsm_A	0.0033	0.0595	<b>-0.0026</b>	<u>0.0095</u>	0.0672	0.0096
r1.2.6_fsm_C	<b>-0.0147</b>	0.0269	-0.0132	<u>-0.0085</u>	0.0360	-0.0077
r1.2.7_fsm_A	-0.0096	0.0938	<b>-0.0246</b>	<u>-0.0024</u>	0.1030	<u>-0.0242</u>
r1.2.7_fsm_C	-0.0247	0.0681	<b>-0.0253</b>	<u>-0.0188</u>	0.0901	-0.0155
r1.2.8_fsm_A	-0.0049	0.0656	<b>-0.0128</b>	0.0013	0.0744	<u>-0.012</u>
r1.2.8_fsm_C	-0.0234	0.0759	<b>-0.0244</b>	<u>-0.0191</u>	0.0896	<u>-0.0235</u>
r1.2.9_fsm_A	-0.0078	0.0549	<b>-0.0196</b>	<u>-0.0051</u>	0.0730	<u>-0.0112</u>
r1.2.9_fsm_C	-0.0219	0.0361	<b>-0.0222</b>	<u>-0.0172</u>	0.0415	<u>-0.0194</u>
r1.4.10_fsm_A	-0.0186	0.1013	<b>-0.027</b>	<u>-0.0164</u>	0.1124	-0.0155
r1.4.10_fsm_C	<b>-0.0305</b>	0.0987	-0.0251	<u>-0.0266</u>	0.1183	-0.0205
r1.4.1_fsm_A	0.0190	0.0459	<b>0.0036</b>	0.0255	0.0485	0.0109
r1.4.1_fsm_C	0.0008	0.0035	<b>-0.0053</b>	0.0053	0.0052	<u>-0.0031</u>
r1.4.2_fsm_A	-0.0034	0.0426	<b>-0.0205</b>	0.0151	0.0495	<u>-0.0033</u>
r1.4.2_fsm_C	-0.0209	0.0173	<b>-0.0288</b>	<u>-0.0182</u>	0.0269	<u>-0.0226</u>
r1.4.3_fsm_A	-0.0229	0.0780	<b>-0.0284</b>	<u>-0.0085</u>	0.0854	<u>-0.0136</u>
r1.4.3_fsm_C	<b>-0.034</b>	0.0744	-0.0333	<u>-0.0259</u>	0.0901	-0.0254

Table 2: (continued)

	Minimum Error Gap			Mean Error Gap		
	DRSCI	GSPI	PyVRP	DRSCI	GSPI	PyVRP
r1.4.4_fsm_A	-0.0127	0.0707	<b>-0.02</b>	-0.0112	0.0751	<u>-0.0185</u>
r1.4.4_fsm_C	-0.0266	0.0701	<b>-0.0359</b>	-0.0244	0.0899	<u>-0.0295</u>
r1.4.5_fsm_A	<b>-0.0108</b>	0.0355	0.0014	<u>-0.0058</u>	0.0508	0.0171
r1.4.5_fsm_C	<b>-0.014</b>	0.0378	-0.0117	<u>-0.0095</u>	0.0420	-0.0070
r1.4.6_fsm_A	<b>-0.0212</b>	0.0961	-0.0175	<u>-0.0167</u>	0.1065	0.0040
r1.4.6_fsm_C	<b>-0.0344</b>	0.0662	-0.0301	<u>-0.0273</u>	0.0756	-0.0186
r1.4.7_fsm_A	-0.0207	0.0610	<b>-0.0246</b>	-0.0178	0.0799	<u>-0.0239</u>
r1.4.7_fsm_C	<b>-0.036</b>	0.0889	-0.0350	<u>-0.0301</u>	0.1089	-0.0282
r1.4.8_fsm_A	-0.0139	0.0646	<b>-0.0213</b>	-0.0107	0.0691	<u>-0.018</u>
r1.4.8_fsm_C	-0.0291	0.0867	<b>-0.0305</b>	-0.0249	0.0971	<u>-0.0298</u>
r1.4.9_fsm_A	<b>-0.0203</b>	0.0839	-0.0077	<u>-0.0132</u>	0.0880	0.0044
r1.4.9_fsm_C	<b>-0.016</b>	0.0615	-0.0112	<u>-0.0116</u>	0.0706	-0.0015
r1.6.10_fsm_A	<b>-0.0203</b>	0.0736	-0.0083	<u>-0.0142</u>	0.0861	0.0112
r1.6.10_fsm_C	<b>-0.0393</b>	0.1045	-0.0368	<u>-0.0312</u>	0.1087	-0.0222
r1.6.1_fsm_A	<b>0.0153</b>	0.0522	0.0314	<u>0.0279</u>	0.0581	0.0406
r1.6.1_fsm_C	<b>-0.0096</b>	-0.0059	0.0015	<u>-0.0025</u>	<u>-0.0029</u>	0.0034
r1.6.2_fsm_A	<b>0.0043</b>	0.0646	0.0157	<u>0.0126</u>	0.0722	0.0265
r1.6.2_fsm_C	<b>-0.0237</b>	0.0313	-0.0207	<u>-0.0156</u>	0.0396	-0.0140
r1.6.3_fsm_A	<b>-0.0122</b>	0.0657	0.0100	<u>0.0014</u>	0.0778	0.0234
r1.6.3_fsm_C	-0.0276	0.0841	<b>-0.0351</b>	-0.0244	0.0896	<u>-0.0247</u>
r1.6.4_fsm_A	-0.0142	0.0683	<b>-0.0304</b>	-0.0100	0.0792	<u>-0.0295</u>
r1.6.4_fsm_C	-0.0236	0.0701	<b>-0.0321</b>	-0.0199	0.0914	<u>-0.0276</u>
r1.6.5_fsm_A	<b>-0.0112</b>	0.0679	0.0240	<u>-0.008</u>	0.0746	0.0344
r1.6.5_fsm_C	<b>-0.0272</b>	0.0163	-0.0059	<u>-0.0222</u>	0.0418	-0.0016
r1.6.6_fsm_A	<b>-0.0232</b>	0.0766	0.0027	<u>-0.0155</u>	0.0859	0.0185
r1.6.6_fsm_C	-0.0274	0.0863	<b>-0.0284</b>	<u>-0.0215</u>	0.0956	-0.0162
r1.6.7_fsm_A	<b>-0.0262</b>	0.0768	-0.0224	<u>-0.0191</u>	0.0935	-0.0048
r1.6.7_fsm_C	<b>-0.026</b>	0.1059	-0.0219	<u>-0.0211</u>	0.1181	-0.0130
r1.6.8_fsm_A	-0.0201	0.0559	<b>-0.0271</b>	-0.0177	0.0604	<u>-0.0249</u>
r1.6.8_fsm_C	-0.0299	0.0766	<b>-0.0391</b>	-0.0238	0.0892	<u>-0.0346</u>
r1.6.9_fsm_A	<b>-0.0183</b>	0.0923	0.0207	<u>-0.0124</u>	0.0992	0.0329
r1.6.9_fsm_C	<b>-0.0244</b>	0.0921	-0.0094	<u>-0.0185</u>	0.1018	-0.0007
r1.8.10_fsm_A	<b>-0.0277</b>	0.0612	0.0014	<u>-0.0235</u>	0.0673	0.0108
r1.8.10_fsm_C	<b>-0.0394</b>	0.0884	-0.0376	<u>-0.0352</u>	0.0946	-0.0103
r1.8.1_fsm_A	<b>0.0015</b>	0.0268	0.0081	<u>0.0076</u>	0.0311	0.0179
r1.8.1_fsm_C	<b>-0.0213</b>	-0.0133	-0.0026	<u>-0.0127</u>	0.0010	0.0057
r1.8.2_fsm_A	<b>-0.0065</b>	0.0311	-0.0039	<u>0.0074</u>	0.0435	<u>0.0049</u>
r1.8.2_fsm_C	<b>-0.0216</b>	0.0246	-0.0152	<u>-0.0134</u>	0.0340	-0.0092
r1.8.3_fsm_A	<b>-0.01</b>	0.0750	-0.0034	<u>0.0002</u>	0.0882	0.0058
r1.8.3_fsm_C	-0.0299	0.0846	<b>-0.04</b>	-0.0202	0.0955	<u>-0.0236</u>
r1.8.4_fsm_A	-0.0242	0.0467	<b>-0.032</b>	-0.0170	0.0644	<u>-0.0276</u>
r1.8.4_fsm_C	-0.0287	0.0863	<b>-0.0315</b>	-0.0218	0.0939	<u>-0.0279</u>
r1.8.5_fsm_A	<b>-0.0149</b>	0.0557	0.0333	<u>-0.009</u>	0.0758	0.0372
r1.8.5_fsm_C	<b>-0.0356</b>	0.0530	-0.0097	<u>-0.0285</u>	0.0689	-0.0032
r1.8.6_fsm_A	<b>-0.0259</b>	0.0836	0.0002	<u>-0.0186</u>	0.0945	0.0186
r1.8.6_fsm_C	-0.0269	0.1016	<b>-0.0356</b>	<u>-0.0213</u>	0.1104	-0.0059
r1.8.7_fsm_A	<b>-0.0185</b>	0.0731	-0.0039	<u>-0.0135</u>	0.0839	0.0015
r1.8.7_fsm_C	<b>-0.0392</b>	0.0893	-0.0273	<u>-0.0328</u>	0.0994	-0.0166
r1.8.8_fsm_A	-0.0247	0.0440	<b>-0.0325</b>	-0.0211	0.0577	<u>-0.0308</u>
r1.8.8_fsm_C	-0.0253	0.0817	<b>-0.0341</b>	-0.0231	0.0909	<u>-0.0308</u>
r1.8.9_fsm_A	<b>-0.0214</b>	0.0843	-0.0020	<u>-0.0166</u>	0.0934	0.0183
r1.8.9_fsm_C	<b>-0.0318</b>	0.0916	-0.0082	<u>-0.0266</u>	0.1081	0.0061
r2.10.10_fsm_A	<b>-0.1776</b>	-0.1535	-0.1716	<u>-0.1631</u>	-0.1323	-0.1524
r2.10.10_fsm_C	-0.0790	-0.0918	<b>-0.0945</b>	-0.0725	-0.0840	<u>-0.0879</u>
r2.10.1_fsm_A	-0.1079	-0.1078	<b>-0.1192</b>	-0.0937	-0.0966	<u>-0.1181</u>
r2.10.1_fsm_C	-0.0431	-0.0420	<b>-0.0545</b>	-0.0367	-0.0394	<u>-0.046</u>
r2.10.2_fsm_A	-0.1433	-0.1338	<b>-0.1546</b>	-0.1319	-0.1196	<u>-0.1447</u>
r2.10.2_fsm_C	-0.0389	-0.0405	<b>-0.0553</b>	-0.0279	-0.0300	<u>-0.0479</u>
r2.10.3_fsm_A	-0.1264	-0.1192	<b>-0.151</b>	-0.1199	-0.1098	<u>-0.1295</u>
r2.10.3_fsm_C	-0.0643	-0.0635	<b>-0.0807</b>	-0.0547	-0.0580	<u>-0.0715</u>
r2.10.4_fsm_A	-0.1160	-0.0404	<b>-0.1233</b>	-0.0986	-0.0232	<u>-0.118</u>
r2.10.4_fsm_C	-0.0990	-0.0447	<b>-0.1078</b>	-0.0911	-0.0331	<u>-0.1011</u>
r2.10.5_fsm_A	-0.1585	<b>-0.1716</b>	-0.1585	-0.1372	<u>-0.1584</u>	-0.1537

Table 2: (continued)

	Minimum Error Gap			Mean Error Gap		
	DRSCI	GSPI	PyVRP	DRSCI	GSPI	PyVRP
r2.10.5_fsm_C	-0.0545	-0.0521	<b>-0.0626</b>	-0.0480	-0.0502	<u>-0.0591</u>
r2.10.6_fsm_A	-0.1339	-0.1202	<b>-0.1444</b>	-0.1192	-0.1044	<u>-0.1297</u>
r2.10.6_fsm_C	-0.0675	-0.0741	<b>-0.0806</b>	-0.0579	-0.0662	<u>-0.0752</u>
r2.10.7_fsm_A	<b>-0.1348</b>	-0.0783	-0.1193	<u>-0.1206</u>	-0.0630	-0.1085
r2.10.7_fsm_C	-0.0749	-0.0858	<b>-0.0988</b>	-0.0642	-0.0747	<u>-0.093</u>
r2.10.8_fsm_A	-0.0991	-0.0345	<b>-0.1139</b>	-0.0782	-0.0274	<u>-0.1013</u>
r2.10.8_fsm_C	-0.0787	-0.0271	<b>-0.1046</b>	-0.0699	-0.0190	<u>-0.0939</u>
r2.10.9_fsm_A	-0.1727	<b>-0.1761</b>	-0.1591	-0.1604	-0.1683	-0.1493
r2.10.9_fsm_C	-0.0642	-0.0719	<b>-0.0767</b>	-0.0535	-0.0676	<u>-0.0722</u>
r2.2.10_fsm_A	-0.0398	-0.0433	<b>-0.0436</b>	-0.0263	-0.0268	<u>-0.0436</u>
r2.2.10_fsm_C	-0.0584	<b>-0.0641</b>	-0.0614	-0.0390	<u>-0.0626</u>	-0.0542
r2.2.1_fsm_A	-0.0267	0.0154	<b>-0.0652</b>	-0.0146	0.0218	<u>-0.0441</u>
r2.2.1_fsm_C	0.0069	0.0320	<b>-0.0044</b>	0.0153	0.0321	<u>0.0035</u>
r2.2.2_fsm_A	-0.0500	-0.0314	<b>-0.078</b>	-0.0351	-0.0232	<u>-0.0706</u>
r2.2.2_fsm_C	-0.0270	0.0085	<b>-0.0377</b>	-0.0156	0.0130	<u>-0.0292</u>
r2.2.3_fsm_A	-0.0151	0.0280	<b>-0.0269</b>	-0.0066	0.0424	<u>-0.0199</u>
r2.2.3_fsm_C	-0.0188	0.0181	<b>-0.0362</b>	-0.0091	0.0183	<u>-0.0305</u>
r2.2.4_fsm_A	-0.0178	-0.0277	<b>-0.0287</b>	-0.0118	0.0145	<u>-0.0251</u>
r2.2.4_fsm_C	-0.0602	-0.0518	<b>-0.077</b>	-0.0535	-0.0476	<u>-0.068</u>
r2.2.5_fsm_A	-0.0397	-0.0154	<b>-0.068</b>	-0.0322	-0.0123	<u>-0.0557</u>
r2.2.5_fsm_C	-0.0263	-0.0174	<b>-0.0388</b>	-0.0211	-0.0165	<u>-0.035</u>
r2.2.6_fsm_A	-0.0688	<b>-0.0919</b>	-0.0789	-0.0607	<u>-0.0737</u>	-0.0592
r2.2.6_fsm_C	-0.0350	-0.0188	<b>-0.0448</b>	-0.0255	-0.0153	<u>-0.0408</u>
r2.2.7_fsm_A	-0.0282	-0.0312	<b>-0.0352</b>	-0.0178	-0.0138	<u>-0.0217</u>
r2.2.7_fsm_C	-0.0341	-0.0159	<b>-0.04</b>	-0.0238	0.0050	<u>-0.0312</u>
r2.2.8_fsm_A	-0.0212	0.0276	<b>-0.0306</b>	-0.0157	0.0340	<u>-0.03</u>
r2.2.8_fsm_C	-0.0663	-0.0629	<b>-0.0684</b>	-0.0525	-0.0410	<u>-0.0592</u>
r2.2.9_fsm_A	-0.0875	<b>-0.0894</b>	-0.0827	-0.0681	<u>-0.0827</u>	-0.0611
r2.2.9_fsm_C	-0.0294	-0.0259	<b>-0.0543</b>	-0.0241	-0.0242	<u>-0.044</u>
r2.4.10_fsm_A	-0.0536	-0.0367	<b>-0.0923</b>	-0.0500	-0.0211	<u>-0.0745</u>
r2.4.10_fsm_C	-0.0671	-0.0825	<b>-0.0839</b>	-0.0587	-0.0776	<u>-0.0815</u>
r2.4.1_fsm_A	-0.0786	-0.0680	<b>-0.1149</b>	-0.0683	-0.0628	<u>-0.0925</u>
r2.4.1_fsm_C	-0.0269	0.0044	<b>-0.0403</b>	-0.0129	0.0150	<u>-0.0362</u>
r2.4.2_fsm_A	-0.0494	-0.0289	<b>-0.0897</b>	-0.0392	-0.0267	<u>-0.0752</u>
r2.4.2_fsm_C	-0.0244	0.0142	<b>-0.0418</b>	-0.0150	0.0225	<u>-0.0374</u>
r2.4.3_fsm_A	-0.0593	<b>-0.0683</b>	-0.0659	-0.0421	-0.0393	<u>-0.0574</u>
r2.4.3_fsm_C	-0.0529	-0.0303	<b>-0.0664</b>	-0.0377	-0.0239	<u>-0.0635</u>
r2.4.4_fsm_A	-0.0539	0.0199	<b>-0.0583</b>	<u>-0.0392</u>	0.0344	-0.0257
r2.4.4_fsm_C	-0.0486	-0.0350	<b>-0.0772</b>	-0.0421	-0.0202	<u>-0.0634</u>
r2.4.5_fsm_A	-0.0876	<b>-0.1112</b>	-0.1079	-0.0686	-0.0846	<u>-0.0961</u>
r2.4.5_fsm_C	-0.0455	-0.0432	<b>-0.0704</b>	-0.0385	-0.0397	<u>-0.0644</u>
r2.4.6_fsm_A	-0.0435	-0.0385	<b>-0.083</b>	-0.0305	-0.0244	<u>-0.047</u>
r2.4.6_fsm_C	-0.0585	-0.0487	<b>-0.081</b>	-0.0452	-0.0384	<u>-0.0737</u>
r2.4.7_fsm_A	-0.0416	-0.0057	<b>-0.0742</b>	-0.0345	0.0223	<u>-0.0573</u>
r2.4.7_fsm_C	-0.0631	-0.0502	<b>-0.0815</b>	-0.0553	-0.0374	<u>-0.0783</u>
r2.4.8_fsm_A	-0.0082	0.0538	<b>-0.0344</b>	0.0007	0.0864	<u>-0.0237</u>
r2.4.8_fsm_C	-0.0645	-0.0206	<b>-0.0799</b>	-0.0559	0.0046	<u>-0.0751</u>
r2.4.9_fsm_A	-0.0974	-0.0889	<b>-0.126</b>	-0.0765	-0.0804	<u>-0.1012</u>
r2.4.9_fsm_C	-0.0521	-0.0550	<b>-0.0724</b>	-0.0443	-0.0521	<u>-0.0697</u>
r2.6.10_fsm_A	-0.1188	-0.0645	<b>-0.1212</b>	-0.1023	-0.0391	<u>-0.1163</u>
r2.6.10_fsm_C	-0.0594	-0.0589	<b>-0.0772</b>	-0.0491	-0.0523	<u>-0.0747</u>
r2.6.1_fsm_A	-0.1190	-0.1222	<b>-0.1466</b>	-0.0996	-0.1119	<u>-0.1304</u>
r2.6.1_fsm_C	-0.0336	-0.0063	<b>-0.0354</b>	-0.0219	0.0002	<u>-0.0315</u>
r2.6.2_fsm_A	-0.1074	-0.1202	<b>-0.1601</b>	-0.0917	-0.1101	<u>-0.1297</u>
r2.6.2_fsm_C	-0.0308	-0.0191	<b>-0.0412</b>	-0.0189	-0.0139	<u>-0.0367</u>
r2.6.3_fsm_A	-0.0810	-0.0763	<b>-0.0975</b>	-0.0683	-0.0584	<u>-0.0828</u>
r2.6.3_fsm_C	-0.0491	-0.0375	<b>-0.0627</b>	-0.0386	-0.0348	<u>-0.0594</u>
r2.6.4_fsm_A	<b>-0.0819</b>	-0.0139	-0.0759	<u>-0.0654</u>	0.0146	-0.0651
r2.6.4_fsm_C	-0.0574	-0.0464	<b>-0.0743</b>	-0.0531	-0.0338	<u>-0.0724</u>
r2.6.5_fsm_A	-0.1417	<b>-0.1627</b>	-0.1499	-0.1210	-0.1539	-0.1281
r2.6.5_fsm_C	-0.0308	-0.0303	<b>-0.049</b>	-0.0242	-0.0253	<u>-0.0452</u>
r2.6.6_fsm_A	-0.0931	-0.0900	<b>-0.1017</b>	<u>-0.0808</u>	-0.0728	-0.0805
r2.6.6_fsm_C	-0.0521	-0.0609	<b>-0.077</b>	<u>-0.0427</u>	-0.0548	<u>-0.0738</u>



Table 2: (continued)

	Minimum Error Gap			Mean Error Gap		
	DRSCI	GSPI	PyVRP	DRSCI	GSPI	PyVRP
r2.6.7_fsm_A	-0.0930	-0.0558	<b>-0.1129</b>	<u>-0.0828</u>	-0.0265	-0.0791
r2.6.7_fsm_C	-0.0537	-0.0657	<b>-0.0751</b>	<u>-0.0458</u>	-0.0515	<u>-0.0716</u>
r2.6.8_fsm_A	-0.0649	-0.0147	<b>-0.101</b>	<u>-0.0551</u>	0.0009	<u>-0.0781</u>
r2.6.8_fsm_C	-0.0656	-0.0385	<b>-0.0781</b>	<u>-0.0569</u>	-0.0089	<u>-0.0691</u>
r2.6.9_fsm_A	-0.1404	-0.1259	<b>-0.1412</b>	<u>-0.1078</u>	-0.1075	<u>-0.1284</u>
r2.6.9_fsm_C	-0.0394	-0.0490	<b>-0.0584</b>	<u>-0.0308</u>	-0.0447	<u>-0.0552</u>
r2.8.10_fsm_A	-0.1497	-0.1051	<b>-0.1649</b>	<u>-0.1388</u>	-0.0917	<u>-0.1532</u>
r2.8.10_fsm_C	-0.0660	-0.0713	<b>-0.0855</b>	<u>-0.0562</u>	-0.0675	<u>-0.082</u>
r2.8.1_fsm_A	-0.1047	-0.1026	<b>-0.1413</b>	<u>-0.0923</u>	-0.0986	<u>-0.1393</u>
r2.8.1_fsm_C	-0.0379	-0.0387	<b>-0.0493</b>	<u>-0.0303</u>	-0.0347	<u>-0.0455</u>
r2.8.2_fsm_A	-0.1158	-0.1325	<b>-0.1532</b>	<u>-0.1044</u>	-0.1261	<u>-0.127</u>
r2.8.2_fsm_C	-0.0571	-0.0591	<b>-0.0623</b>	<u>-0.0478</u>	-0.0524	<u>-0.06</u>
r2.8.3_fsm_A	-0.1250	-0.1249	<b>-0.1436</b>	<u>-0.1166</u>	-0.1070	<u>-0.1375</u>
r2.8.3_fsm_C	-0.0616	-0.0679	<b>-0.0726</b>	<u>-0.0506</u>	-0.0590	<u>-0.0698</u>
r2.8.4_fsm_A	<b>-0.1407</b>	-0.0495	-0.1251	<u>-0.1317</u>	-0.0422	<u>-0.1222</u>
r2.8.4_fsm_C	-0.0765	-0.0733	<b>-0.0938</b>	<u>-0.0735</u>	-0.0512	<u>-0.0913</u>
r2.8.5_fsm_A	-0.1299	-0.1409	<b>-0.1434</b>	<u>-0.1181</u>	<u>-0.1276</u>	<u>-0.1266</u>
r2.8.5_fsm_C	-0.0492	-0.0543	<b>-0.0682</b>	<u>-0.0423</u>	-0.0499	<u>-0.0624</u>
r2.8.6_fsm_A	<b>-0.137</b>	-0.1116	-0.1353	<u>-0.1196</u>	-0.0978	<u>-0.1184</u>
r2.8.6_fsm_C	-0.0618	-0.0653	<b>-0.0777</b>	<u>-0.0533</u>	-0.0630	<u>-0.0731</u>
r2.8.7_fsm_A	-0.1469	-0.1305	<b>-0.1713</b>	<u>-0.1440</u>	-0.1051	<u>-0.1579</u>
r2.8.7_fsm_C	-0.0827	-0.0846	<b>-0.0918</b>	<u>-0.0724</u>	-0.0728	<u>-0.0888</u>
r2.8.8_fsm_A	-0.1169	-0.0369	<b>-0.1279</b>	<u>-0.1036</u>	-0.0304	<u>-0.1007</u>
r2.8.8_fsm_C	-0.0740	-0.0422	<b>-0.0965</b>	<u>-0.0690</u>	-0.0272	<u>-0.0886</u>
r2.8.9_fsm_A	-0.1316	-0.1371	<b>-0.1541</b>	<u>-0.1155</u>	<u>-0.1304</u>	<u>-0.1208</u>
r2.8.9_fsm_C	-0.0633	-0.0572	<b>-0.0723</b>	<u>-0.0463</u>	-0.0545	<u>-0.0696</u>
rc1.10.10_fsm_A	<b>-0.0268</b>	0.1039	-0.0268	<u>-0.0216</u>	0.1142	<u>-0.0142</u>
rc1.10.10_fsm_C	-0.0344	0.1079	<b>-0.0411</b>	<u>-0.0294</u>	0.1303	<u>-0.0236</u>
rc1.10.1_fsm_A	<b>-0.0245</b>	0.0229	0.0180	<u>-0.0108</u>	0.0337	<u>0.0240</u>
rc1.10.1_fsm_C	<b>-0.0392</b>	0.0131	-0.0193	<u>-0.0317</u>	0.0230	<u>-0.0137</u>
rc1.10.2_fsm_A	<b>-0.031</b>	0.0813	-0.0147	<u>-0.0186</u>	0.0887	<u>0.0064</u>
rc1.10.2_fsm_C	<b>-0.0422</b>	0.0625	-0.0231	<u>-0.036</u>	0.0792	<u>-0.0166</u>
rc1.10.3_fsm_A	<b>-0.0275</b>	0.0782	-0.0062	<u>-0.0236</u>	0.0910	<u>-0.0003</u>
rc1.10.3_fsm_C	-0.0359	0.0993	<b>-0.0434</b>	<u>-0.0309</u>	0.1083	<u>-0.0252</u>
rc1.10.4_fsm_A	-0.0205	0.0508	<b>-0.0253</b>	<u>-0.0149</u>	0.0624	<u>-0.0195</u>
rc1.10.4_fsm_C	-0.0301	0.0619	<b>-0.0382</b>	<u>-0.0261</u>	0.0794	<u>-0.0308</u>
rc1.10.5_fsm_A	<b>-0.0343</b>	0.0382	-0.0034	<u>-0.0186</u>	0.0567	<u>0.0092</u>
rc1.10.5_fsm_C	-0.0431	0.0419	<b>-0.0485</b>	<u>-0.0349</u>	0.0516	<u>-0.0229</u>
rc1.10.6_fsm_A	<b>-0.024</b>	0.0763	0.0138	<u>-0.0164</u>	0.0857	<u>0.0329</u>
rc1.10.6_fsm_C	-0.0498	0.0749	<b>-0.0576</b>	<u>-0.0379</u>	0.0862	<u>-0.0374</u>
rc1.10.7_fsm_A	<b>-0.0252</b>	0.0880	0.0197	<u>-0.0143</u>	0.0956	<u>0.0378</u>
rc1.10.7_fsm_C	-0.0476	0.0866	<b>-0.0531</b>	<u>-0.0414</u>	0.1041	<u>-0.0268</u>
rc1.10.8_fsm_A	<b>-0.0212</b>	0.1040	0.0005	<u>-0.0171</u>	0.1079	<u>0.0083</u>
rc1.10.8_fsm_C	<b>-0.0349</b>	0.1095	-0.0149	<u>-0.0272</u>	0.1308	<u>0.0018</u>
rc1.10.9_fsm_A	<b>-0.0226</b>	0.0964	-0.0102	<u>-0.0186</u>	0.1041	<u>0.0101</u>
rc1.10.9_fsm_C	-0.0388	0.1059	<b>-0.0426</b>	<u>-0.0333</u>	0.1172	<u>-0.0277</u>
rc1.2.10_fsm_A	-0.0048	0.0805	<b>-0.0215</b>	0.0002	0.1058	<u>-0.0194</u>
rc1.2.10_fsm_C	-0.0156	0.1214	<b>-0.0177</b>	<u>-0.0131</u>	0.1272	<u>-0.0166</u>
rc1.2.1_fsm_A	0.0060	0.0711	<b>-0.0039</b>	0.0155	0.0761	<u>0.0049</u>
rc1.2.1_fsm_C	<b>-0.0134</b>	0.0140	-0.0128	<u>-0.0096</u>	0.0158	<u>-0.0119</u>
rc1.2.2_fsm_A	-0.0109	0.0752	<b>-0.0116</b>	<u>-0.0027</u>	0.0868	<u>-0.0068</u>
rc1.2.2_fsm_C	-0.0172	0.0803	<b>-0.0261</b>	<u>-0.0157</u>	0.0841	<u>-0.0175</u>
rc1.2.3_fsm_A	-0.0049	0.0897	<b>-0.0199</b>	0.0000	0.1006	<u>-0.0176</u>
rc1.2.3_fsm_C	-0.0268	0.0777	<b>-0.0273</b>	<u>-0.0244</u>	0.0886	<u>-0.0266</u>
rc1.2.4_fsm_A	-0.0138	0.0613	<b>-0.0214</b>	<u>-0.0019</u>	0.0719	<u>-0.0199</u>
rc1.2.4_fsm_C	-0.0175	0.0667	<b>-0.019</b>	<u>-0.0146</u>	0.0885	<u>-0.0189</u>
rc1.2.5_fsm_A	-0.0021	0.0256	<b>-0.0295</b>	0.0034	0.0511	<u>-0.0195</u>
rc1.2.5_fsm_C	<b>-0.0165</b>	0.0213	-0.0141	<u>-0.0108</u>	0.0382	<u>-0.0105</u>
rc1.2.6_fsm_A	-0.0107	0.0345	<b>-0.0322</b>	<u>-0.0013</u>	0.0485	<u>-0.0168</u>
rc1.2.6_fsm_C	-0.0149	0.0252	<b>-0.0227</b>	<u>-0.0081</u>	0.0469	<u>-0.0148</u>
rc1.2.7_fsm_A	-0.0134	0.0588	<b>-0.027</b>	<u>-0.0043</u>	0.0855	<u>-0.025</u>
rc1.2.7_fsm_C	-0.0165	0.0597	<b>-0.0183</b>	<u>-0.0112</u>	0.0664	<u>-0.014</u>
rc1.2.8_fsm_A	-0.0021	0.0988	<b>-0.0183</b>	0.0011	0.1133	<u>-0.0163</u>

Table 2: (continued)

	Minimum Error Gap			Mean Error Gap		
	DRSCI	GSPI	PyVRP	DRSCI	GSPI	PyVRP
rc1.2.8_fsm_C	-0.0317	0.0890	<b>-0.0339</b>	-0.0299	0.0924	<u>-0.0329</u>
rc1.2.9_fsm_A	-0.0206	0.0876	<b>-0.0275</b>	-0.0025	0.0964	<u>-0.0255</u>
rc1.2.9_fsm_C	-0.0276	0.0739	<b>-0.0293</b>	<u>-0.0254</u>	0.0845	<u>-0.0246</u>
rc1.4.10_fsm_A	-0.0125	0.1199	<b>-0.0174</b>	<u>-0.0089</u>	0.1261	<u>-0.0164</u>
rc1.4.10_fsm_C	-0.0381	0.1071	<b>-0.0408</b>	-0.0337	0.1330	<u>-0.0389</u>
rc1.4.1_fsm_A	-0.0046	0.0241	<b>-0.006</b>	0.0019	0.0355	0.0058
rc1.4.1_fsm_C	<b>-0.0125</b>	0.0312	-0.0103	<u>-0.0093</u>	0.0456	-0.0084
rc1.4.2_fsm_A	-0.0200	0.0705	<b>-0.0264</b>	<u>-0.0183</u>	0.0808	-0.0172
rc1.4.2_fsm_C	<b>-0.0305</b>	0.0396	-0.0299	<u>-0.0275</u>	0.0537	-0.0218
rc1.4.3_fsm_A	-0.0212	0.0775	<b>-0.0287</b>	<u>-0.0170</u>	0.0892	<u>-0.026</u>
rc1.4.3_fsm_C	-0.0352	0.0631	<b>-0.0422</b>	-0.0306	0.0991	<u>-0.0378</u>
rc1.4.4_fsm_A	-0.0172	0.0865	<b>-0.0201</b>	-0.0131	0.1024	<u>-0.0175</u>
rc1.4.4_fsm_C	-0.0294	0.1004	<b>-0.0339</b>	-0.0262	0.1127	<u>-0.0323</u>
rc1.4.5_fsm_A	-0.0094	0.0487	<b>-0.0109</b>	-0.0010	0.0634	<u>-0.0045</u>
rc1.4.5_fsm_C	-0.0218	0.0458	<b>-0.0219</b>	<u>-0.0209</u>	0.0490	-0.0202
rc1.4.6_fsm_A	-0.0122	0.0739	<b>-0.0127</b>	<u>-0.0034</u>	0.0810	<u>-0.009</u>
rc1.4.6_fsm_C	-0.0345	0.0347	<b>-0.0372</b>	<u>-0.031</u>	0.0518	-0.0302
rc1.4.7_fsm_A	-0.0129	0.0806	<b>-0.0301</b>	<u>-0.0097</u>	0.0897	<u>-0.0176</u>
rc1.4.7_fsm_C	-0.0322	0.0679	<b>-0.0348</b>	-0.0277	0.0798	<u>-0.0307</u>
rc1.4.8_fsm_A	-0.0279	0.0921	<b>-0.0358</b>	-0.0267	0.1056	<u>-0.0324</u>
rc1.4.8_fsm_C	-0.0403	0.0830	<b>-0.0418</b>	-0.0374	0.0956	<u>-0.0384</u>
rc1.4.9_fsm_A	-0.0284	0.0687	<b>-0.0338</b>	-0.0246	0.0862	<u>-0.0316</u>
rc1.4.9_fsm_C	-0.0402	0.0760	<b>-0.0429</b>	-0.0372	0.0863	<u>-0.0384</u>
rc1.6.10_fsm_A	-0.0234	0.0911	<b>-0.0283</b>	-0.0196	0.1014	-0.0165
rc1.6.10_fsm_C	-0.0315	0.0930	<b>-0.0371</b>	<u>-0.0245</u>	0.1027	<u>-0.0301</u>
rc1.6.1_fsm_A	<b>-0.0166</b>	0.0310	0.0107	<u>-0.0077</u>	0.0376	0.0157
rc1.6.1_fsm_C	-0.0361	0.0126	<b>-0.0428</b>	-0.0305	0.0267	<u>-0.0348</u>
rc1.6.2_fsm_A	-0.0286	0.0846	<b>-0.0345</b>	<u>-0.0242</u>	0.0920	-0.0044
rc1.6.2_fsm_C	<b>-0.048</b>	0.0711	-0.0433	<u>-0.0413</u>	0.0873	-0.0370
rc1.6.3_fsm_A	<b>-0.0219</b>	0.0841	-0.0217	<u>-0.0168</u>	0.0970	-0.0096
rc1.6.3_fsm_C	-0.0390	0.0962	<b>-0.0449</b>	-0.0323	0.1162	<u>-0.0356</u>
rc1.6.4_fsm_A	-0.0133	0.0639	<b>-0.021</b>	-0.0091	0.0811	<u>-0.0183</u>
rc1.6.4_fsm_C	-0.0312	0.0755	<b>-0.0371</b>	-0.0238	0.0952	<u>-0.0328</u>
rc1.6.5_fsm_A	<b>-0.0238</b>	0.0503	0.0034	-0.0154	0.0616	0.0097
rc1.6.5_fsm_C	<b>-0.0399</b>	0.0418	-0.0375	<u>-0.0243</u>	0.0514	-0.0218
rc1.6.6_fsm_A	<b>-0.0212</b>	0.0711	0.0018	<u>-0.0131</u>	0.0786	0.0197
rc1.6.6_fsm_C	<b>-0.0306</b>	0.0656	-0.0271	<u>-0.0278</u>	0.0835	-0.0100
rc1.6.7_fsm_A	<b>-0.0185</b>	0.0862	0.0056	<u>-0.0128</u>	0.0974	0.0238
rc1.6.7_fsm_C	<b>-0.0427</b>	0.0602	-0.0407	<u>-0.0352</u>	0.0810	-0.0276
rc1.6.8_fsm_A	-0.0222	0.0906	<b>-0.0255</b>	<u>-0.0134</u>	0.0977	-0.0128
rc1.6.8_fsm_C	-0.0394	0.0944	<b>-0.0454</b>	<u>-0.0355</u>	0.1082	-0.0347
rc1.6.9_fsm_A	-0.0226	0.0967	<b>-0.0266</b>	-0.0156	0.1039	<u>-0.0169</u>
rc1.6.9_fsm_C	-0.0405	0.0938	<b>-0.0468</b>	-0.0376	0.1122	<u>-0.0405</u>
rc1.8.10_fsm_A	-0.0281	0.0858	<b>-0.0311</b>	-0.0196	0.0938	<u>-0.0212</u>
rc1.8.10_fsm_C	-0.0509	0.0660	<b>-0.055</b>	-0.0437	0.0811	<u>-0.0454</u>
rc1.8.1_fsm_A	<b>-0.0185</b>	0.0447	-0.0007	<u>-0.0133</u>	0.0562	0.0166
rc1.8.1_fsm_C	0.1094	0.2121	<b>0.1059</b>	0.1225	0.2228	<u>0.1217</u>
rc1.8.2_fsm_A	<b>-0.0308</b>	0.0555	-0.0146	<u>-0.0237</u>	0.0733	0.0067
rc1.8.2_fsm_C	-0.1295	-0.0538	<b>-0.1382</b>	-0.1250	-0.0264	<u>-0.1261</u>
rc1.8.3_fsm_A	<b>-0.0205</b>	0.0730	-0.0056	-0.0103	0.0869	0.0048
rc1.8.3_fsm_C	<b>-0.097</b>	0.0132	-0.0969	-0.0878	0.0315	<u>-0.0923</u>
rc1.8.4_fsm_A	-0.0149	0.0647	<b>-0.023</b>	-0.0125	0.0847	<u>-0.021</u>
rc1.8.4_fsm_C	<b>-0.1025</b>	0.0024	-0.1020	-0.0973	0.0126	<u>-0.0985</u>
rc1.8.5_fsm_A	<b>-0.0302</b>	0.0635	-0.0099	<u>-0.0243</u>	0.0714	-0.0005
rc1.8.5_fsm_C	<b>0.152</b>	0.2631	0.1697	<u>0.1622</u>	0.2799	0.1809
rc1.8.6_fsm_A	<b>-0.0424</b>	0.0740	0.0037	<u>-0.0294</u>	0.0852	0.0127
rc1.8.6_fsm_C	<b>-0.0655</b>	0.0720	-0.0504	<u>-0.0557</u>	0.0787	-0.0405
rc1.8.7_fsm_A	<b>-0.0297</b>	0.0864	-0.0201	<u>-0.0237</u>	0.0982	0.0048
rc1.8.7_fsm_C	<b>-0.0709</b>	0.0589	-0.0531	<u>-0.0624</u>	0.0658	-0.0395
rc1.8.8_fsm_A	<b>-0.0184</b>	0.0989	-0.0147	<u>-0.0149</u>	0.1040	0.0095
rc1.8.8_fsm_C	-0.0672	0.0607	<b>-0.0722</b>	-0.0595	0.0706	<u>-0.0633</u>
rc1.8.9_fsm_A	<b>-0.0305</b>	0.0958	-0.0150	<u>-0.0217</u>	0.0983	0.0089
rc1.8.9_fsm_C	-0.0424	0.0955	<b>-0.0476</b>	<u>-0.0356</u>	0.1025	-0.0350

Table 2: (continued)

	Minimum Error Gap			Mean Error Gap		
	DRSCI	GSPI	PyVRP	DRSCI	GSPI	PyVRP
rc2.10.10_fsm_A	-0.1168	-0.0679	<b>-0.1245</b>	-0.0996	-0.0621	<u>-0.1007</u>
rc2.10.10_fsm_C	-0.0944	-0.0927	<b>-0.113</b>	-0.0786	-0.0829	<u>-0.1008</u>
rc2.10.1_fsm_A	-0.1152	-0.1068	<b>-0.1429</b>	-0.1052	-0.1001	<u>-0.1372</u>
rc2.10.1_fsm_C	-0.0587	-0.0702	<b>-0.0748</b>	-0.0526	-0.0653	<u>-0.0715</u>
rc2.10.2_fsm_A	-0.1158	-0.1180	<b>-0.1363</b>	-0.1070	-0.1100	<u>-0.1242</u>
rc2.10.2_fsm_C	-0.0645	-0.0801	<b>-0.0846</b>	-0.0608	-0.0743	<u>-0.0784</u>
rc2.10.3_fsm_A	-0.0854	-0.0616	<b>-0.1039</b>	-0.0743	-0.0495	<u>-0.0921</u>
rc2.10.3_fsm_C	-0.0666	-0.0780	<b>-0.0857</b>	-0.0640	-0.0740	<u>-0.0822</u>
rc2.10.4_fsm_A	<b>-0.1089</b>	-0.0516	-0.1042	-0.0986	-0.0294	<u>-0.1038</u>
rc2.10.4_fsm_C	-0.0922	-0.0551	<b>-0.1059</b>	-0.0784	-0.0394	<u>-0.0982</u>
rc2.10.5_fsm_A	-0.1529	<b>-0.1604</b>	-0.1533	-0.1469	<u>-0.1566</u>	<u>-0.1468</u>
rc2.10.5_fsm_C	-0.0761	-0.0865	<b>-0.0923</b>	-0.0704	-0.0847	<u>-0.0904</u>
rc2.10.6_fsm_A	-0.1414	<b>-0.1631</b>	-0.1416	-0.1293	<u>-0.15</u>	<u>-0.1246</u>
rc2.10.6_fsm_C	-0.0789	-0.0858	<b>-0.0908</b>	-0.0739	-0.0805	<u>-0.0856</u>
rc2.10.7_fsm_A	-0.1570	-0.1693	<b>-0.174</b>	-0.1405	<u>-0.165</u>	<u>-0.1507</u>
rc2.10.7_fsm_C	-0.0868	-0.1033	<b>-0.1065</b>	-0.0798	-0.0987	<u>-0.1018</u>
rc2.10.8_fsm_A	-0.1642	-0.1645	<b>-0.1696</b>	<u>-0.1542</u>	-0.1521	<u>-0.1488</u>
rc2.10.8_fsm_C	-0.0857	-0.1008	<b>-0.1146</b>	<u>-0.0795</u>	-0.0948	<u>-0.1117</u>
rc2.10.9_fsm_A	-0.1147	-0.0866	<b>-0.1176</b>	-0.1019	-0.0796	<u>-0.0932</u>
rc2.10.9_fsm_C	-0.0834	-0.0889	<b>-0.1041</b>	<u>-0.0788</u>	-0.0847	<u>-0.098</u>
rc2.2.10_fsm_A	-0.0901	-0.0890	<b>-0.1007</b>	-0.0855	-0.0850	<u>-0.1005</u>
rc2.2.10_fsm_C	-0.0161	<b>-0.0268</b>	-0.0244	-0.0112	<u>-0.016</u>	<u>-0.0139</u>
rc2.2.1_fsm_A	-0.0594	0.0125	<b>-0.0821</b>	-0.0541	0.0303	<u>-0.0686</u>
rc2.2.1_fsm_C	-0.0083	0.0352	<b>-0.02</b>	-0.0039	0.0385	<u>-0.018</u>
rc2.2.2_fsm_A	-0.0731	0.0076	<b>-0.1032</b>	-0.0632	0.0224	<u>-0.0984</u>
rc2.2.2_fsm_C	-0.0321	-0.0074	<b>-0.0376</b>	-0.0249	0.0005	<u>-0.0323</u>
rc2.2.3_fsm_A	-0.0372	0.0309	<b>-0.0439</b>	-0.0288	0.0378	<u>-0.0398</u>
rc2.2.3_fsm_C	-0.0364	-0.0157	<b>-0.0472</b>	-0.0300	0.0001	<u>-0.0432</u>
rc2.2.4_fsm_A	<b>-0.0181</b>	-0.0091	-0.0146	<u>-0.0016</u>	0.0272	<u>-0.0016</u>
rc2.2.4_fsm_C	-0.0308	0.0023	<b>-0.0358</b>	<u>-0.0251</u>	0.0110	<u>-0.0346</u>
rc2.2.5_fsm_A	-0.0717	-0.0446	<b>-0.1112</b>	-0.0587	-0.0172	<u>-0.0904</u>
rc2.2.5_fsm_C	-0.0281	-0.0124	<b>-0.0419</b>	-0.0238	0.0135	<u>-0.0311</u>
rc2.2.6_fsm_A	-0.0556	-0.0338	<b>-0.1043</b>	-0.0480	-0.0017	<u>-0.0779</u>
rc2.2.6_fsm_C	-0.0369	-0.0242	<b>-0.0388</b>	-0.0283	-0.0236	<u>-0.0335</u>
rc2.2.7_fsm_A	-0.0485	-0.0056	<b>-0.0704</b>	-0.0412	0.0002	<u>-0.0593</u>
rc2.2.7_fsm_C	-0.0446	-0.0153	<b>-0.0498</b>	-0.0268	-0.0098	<u>-0.04</u>
rc2.2.8_fsm_A	-0.0563	0.0009	<b>-0.0731</b>	-0.0382	0.0115	<u>-0.0603</u>
rc2.2.8_fsm_C	-0.0344	-0.0238	<b>-0.0516</b>	-0.0266	-0.0222	<u>-0.0417</u>
rc2.2.9_fsm_A	-0.0725	0.0190	<b>-0.0956</b>	-0.0414	0.0312	<u>-0.0711</u>
rc2.2.9_fsm_C	-0.0470	-0.0377	<b>-0.0559</b>	-0.0422	-0.0301	<u>-0.0502</u>
rc2.4.10_fsm_A	-0.0967	-0.0848	<b>-0.1242</b>	-0.0853	-0.0541	<u>-0.1116</u>
rc2.4.10_fsm_C	-0.0596	-0.0683	<b>-0.0788</b>	-0.0468	-0.0523	<u>-0.0708</u>
rc2.4.1_fsm_A	-0.0630	-0.0041	<b>-0.1133</b>	-0.0530	0.0082	<u>-0.0934</u>
rc2.4.1_fsm_C	-0.0334	-0.0051	<b>-0.0377</b>	-0.0264	-0.0019	<u>-0.028</u>
rc2.4.2_fsm_A	-0.0585	0.0404	<b>-0.0883</b>	-0.0436	0.0531	<u>-0.0655</u>
rc2.4.2_fsm_C	-0.0309	-0.0113	<b>-0.0368</b>	-0.0178	-0.0016	<u>-0.0339</u>
rc2.4.3_fsm_A	-0.0736	-0.0126	<b>-0.1055</b>	-0.0564	0.0161	<u>-0.0866</u>
rc2.4.3_fsm_C	-0.0648	-0.0454	<b>-0.0709</b>	-0.0565	-0.0398	<u>-0.0674</u>
rc2.4.4_fsm_A	-0.0422	0.0212	<b>-0.0584</b>	-0.0225	0.0349	<u>-0.0483</u>
rc2.4.4_fsm_C	-0.0648	-0.0513	<b>-0.0677</b>	-0.0589	-0.0200	<u>-0.0655</u>
rc2.4.5_fsm_A	-0.1047	-0.0358	<b>-0.1465</b>	-0.0950	-0.0250	<u>-0.1314</u>
rc2.4.5_fsm_C	-0.0557	-0.0447	<b>-0.0661</b>	-0.0484	-0.0403	<u>-0.0605</u>
rc2.4.6_fsm_A	-0.0714	-0.0405	<b>-0.115</b>	-0.0662	-0.0221	<u>-0.1035</u>
rc2.4.6_fsm_C	-0.0527	-0.0493	<b>-0.0611</b>	-0.0476	-0.0393	<u>-0.0553</u>
rc2.4.7_fsm_A	-0.0984	-0.0838	<b>-0.1621</b>	-0.0859	-0.0583	<u>-0.1409</u>
rc2.4.7_fsm_C	-0.0377	-0.0562	<b>-0.0612</b>	-0.0324	-0.0469	<u>-0.0572</u>
rc2.4.8_fsm_A	-0.1008	-0.0720	<b>-0.1578</b>	-0.0853	-0.0623	<u>-0.1283</u>
rc2.4.8_fsm_C	-0.0559	-0.0575	<b>-0.071</b>	-0.0513	-0.0528	<u>-0.0645</u>
rc2.4.9_fsm_A	-0.0790	-0.0726	<b>-0.11</b>	-0.0734	-0.0344	<u>-0.0932</u>
rc2.4.9_fsm_C	-0.0709	-0.0908	<b>-0.0975</b>	-0.0596	-0.0729	<u>-0.0866</u>
rc2.6.10_fsm_A	-0.0901	-0.0595	<b>-0.0955</b>	-0.0831	-0.0354	<u>-0.0866</u>
rc2.6.10_fsm_C	-0.0875	-0.0889	<b>-0.1011</b>	-0.0740	-0.0844	<u>-0.095</u>
rc2.6.1_fsm_A	-0.0935	-0.0705	<b>-0.1262</b>	-0.0825	-0.0581	<u>-0.1068</u>

Table 2: (continued)

	Minimum Error Gap			Mean Error Gap		
	DRSCI	GSPI	PyVRP	DRSCI	GSPI	PyVRP
rc2.6.1_fsm_C	-0.0406	-0.0433	<b>-0.047</b>	-0.0370	-0.0389	-0.0379
rc2.6.2_fsm_A	-0.1057	-0.0879	<b>-0.1518</b>	-0.1015	-0.0661	-0.1421
rc2.6.2_fsm_C	-0.0337	-0.0428	<b>-0.0505</b>	-0.0281	-0.0325	-0.0451
rc2.6.3_fsm_A	-0.1087	-0.0634	<b>-0.1328</b>	-0.0964	-0.0491	-0.1291
rc2.6.3_fsm_C	-0.0475	-0.0517	<b>-0.0678</b>	-0.0405	-0.0454	-0.0612
rc2.6.4_fsm_A	-0.0968	-0.0373	<b>-0.1096</b>	-0.0766	0.0024	-0.1023
rc2.6.4_fsm_C	-0.0642	-0.0227	<b>-0.0801</b>	-0.0560	-0.0126	-0.0686
rc2.6.5_fsm_A	-0.0940	-0.0964	<b>-0.1347</b>	-0.0908	-0.0773	-0.1189
rc2.6.5_fsm_C	-0.0484	-0.0486	<b>-0.0599</b>	-0.0440	-0.0442	-0.0551
rc2.6.6_fsm_A	-0.1368	-0.1492	<b>-0.1761</b>	-0.1298	-0.1472	-0.1586
rc2.6.6_fsm_C	-0.0652	-0.0703	<b>-0.0776</b>	-0.0594	-0.0646	-0.0725
rc2.6.7_fsm_A	-0.1352	-0.1575	<b>-0.1631</b>	-0.1229	-0.1319	-0.1424
rc2.6.7_fsm_C	-0.0593	-0.0699	<b>-0.082</b>	-0.0496	-0.0664	-0.0749
rc2.6.8_fsm_A	-0.1403	<b>-0.1436</b>	-0.1316	-0.1166	-0.1169	-0.1249
rc2.6.8_fsm_C	-0.0666	-0.0918	<b>-0.095</b>	-0.0582	-0.0835	-0.0871
rc2.6.9_fsm_A	-0.1052	-0.0721	<b>-0.1288</b>	-0.0991	-0.0648	-0.0974
rc2.6.9_fsm_C	-0.0716	<b>-0.093</b>	-0.0923	-0.0632	-0.0821	-0.0863
rc2.8.10_fsm_A	-0.1117	-0.0795	<b>-0.1598</b>	-0.1066	-0.0639	-0.1271
rc2.8.10_fsm_C	-0.0835	-0.0955	<b>-0.1136</b>	-0.0748	-0.0871	-0.1053
rc2.8.1_fsm_A	-0.0948	-0.0666	<b>-0.1169</b>	-0.0831	-0.0606	-0.1157
rc2.8.1_fsm_C	-0.0499	-0.0537	<b>-0.06</b>	-0.0428	-0.0495	-0.0524
rc2.8.2_fsm_A	-0.1092	-0.0656	<b>-0.1242</b>	-0.0911	-0.0579	-0.1075
rc2.8.2_fsm_C	-0.0515	-0.0515	<b>-0.0616</b>	-0.0464	-0.0451	-0.0507
rc2.8.3_fsm_A	-0.1047	-0.0864	<b>-0.1434</b>	-0.0936	-0.0731	-0.1335
rc2.8.3_fsm_C	-0.0588	-0.0708	<b>-0.0742</b>	-0.0551	-0.0642	-0.0707
rc2.8.4_fsm_A	-0.0966	-0.0512	<b>-0.1158</b>	-0.0782	-0.0276	-0.1044
rc2.8.4_fsm_C	-0.0673	-0.0281	<b>-0.0854</b>	-0.0589	-0.0206	-0.0779
rc2.8.5_fsm_A	-0.1319	-0.1099	<b>-0.1456</b>	-0.1149	-0.1048	-0.138
rc2.8.5_fsm_C	-0.0486	-0.0586	<b>-0.0619</b>	-0.0452	-0.0548	-0.0581
rc2.8.6_fsm_A	-0.1110	<b>-0.1231</b>	-0.1224	-0.1017	-0.1152	-0.1100
rc2.8.6_fsm_C	-0.0675	-0.0787	<b>-0.0806</b>	-0.0631	-0.0760	-0.0773
rc2.8.7_fsm_A	-0.1263	-0.1332	<b>-0.1685</b>	-0.1129	-0.1213	-0.1464
rc2.8.7_fsm_C	-0.0744	-0.0855	<b>-0.0878</b>	-0.0652	-0.0809	-0.0853
rc2.8.8_fsm_A	-0.1285	-0.1246	<b>-0.1588</b>	-0.1158	-0.1055	-0.1205
rc2.8.8_fsm_C	-0.0687	-0.0828	<b>-0.0893</b>	-0.0646	-0.0741	-0.0865
rc2.8.9_fsm_A	-0.1330	-0.1080	<b>-0.1419</b>	-0.1121	-0.0979	-0.1298
rc2.8.9_fsm_C	-0.0611	-0.0833	<b>-0.0946</b>	-0.0588	-0.0721	-0.0878

Table 3: Detailed results new HFVRPTW dataset: Minimum and average total costs per instance and solution method. Bolt marks the best result for each instance, and underlined entries denote the best average performance. Notation details: The instance name is divided into segments, each separated by “+”. The first segment references the underlying base instance, following the naming convention of Gehring and Homberger (1999). The second segments indicates the number of available vehicle types in the heterogeneous fleet, and the third segment denotes the ratio between fixed and variable costs. Segements 4 and 5 store the values for  $\gamma$  and  $\sum_{m \in M} \kappa_m$  respectively.

	Minimum Total Costs		Mean Total Costs	
	DRSCI	PyVRP	DRSCI	PyVRP
c1_10.1+vt3+fcd-2+ccr-0.8+lva-0.67	<b>137517.2066</b>	141170.0037	<u>137955.8523</u>	141663.7313
c1_10.1+vt3+fcd-2+ccr-0.8+lva-0.9	<b>130132.7188</b>	137345.5138	<u>130188.1851</u>	137849.0523
c1_10.1+vt3+vcd-2+ccr-0.8+lva-0.67	<b>73409.7962</b>	75692.3375	<u>73524.9454</u>	78256.2623
c1_10.1+vt3+vcd-2+ccr-0.8+lva-0.9	<b>67806.914</b>	70588.3326	<u>67993.9563</u>	74236.7070
c1_10.1+vt5+fcd-2+ccr-0.8+lva-0.67	<b>141336.7918</b>	145603.6274	<u>141637.7058</u>	146676.6596
c1_10.1+vt5+fcd-2+ccr-0.8+lva-0.9	<b>134077.529</b>	143117.5863	<u>134393.4417</u>	143192.2731
c1_10.1+vt5+vcd-2+ccr-0.8+lva-0.67	<b>75605.6978</b>	80965.2095	<u>75714.6026</u>	81953.2455
c1_10.1+vt5+vcd-2+ccr-0.8+lva-0.9	<b>70473.8192</b>	76012.9262	<u>70614.6373</u>	80198.8954
c1_10.4+vt3+fcd-2+ccr-0.8+lva-0.67	<b>138512.0057</b>	139040.3040	<u>138772.8156</u>	139906.9791
c1_10.4+vt3+fcd-2+ccr-0.8+lva-0.9	130733.5497	<b>130033.345</b>	<u>130852.6625</u>	<u>130560.8827</u>
c1_10.4+vt3+vcd-2+ccr-0.8+lva-0.67	<b>72619.6335</b>	73415.6453	<u>72850.3927</u>	73577.1500
c1_10.4+vt3+vcd-2+ccr-0.8+lva-0.9	66883.7800	<b>66626.1666</b>	<u>67032.1793</u>	<u>66873.4815</u>
c1_10.4+vt5+fcd-2+ccr-0.8+lva-0.67	<b>144774.1401</b>	145180.5297	<u>144933.2957</u>	145980.4142
c1_10.4+vt5+fcd-2+ccr-0.8+lva-0.9	<b>137075.0893</b>	137648.7977	<u>137603.0023</u>	138287.6585
c1_10.4+vt5+vcd-2+ccr-0.8+lva-0.67	<b>76236.0006</b>	77119.3811	<u>76579.0868</u>	77311.9276
c1_10.4+vt5+vcd-2+ccr-0.8+lva-0.9	<b>71128.3327</b>	71471.0924	<u>71262.3088</u>	72262.3156
c2_10.1+vt3+fcd-2+ccr-0.8+lva-0.67	56660.1202	<b>54207.6441</b>	<u>56804.1669</u>	<u>55589.1967</u>
c2_10.1+vt3+fcd-2+ccr-0.8+lva-0.9	54221.6927	<b>52748.8803</b>	<u>54598.7272</u>	<u>55471.3194</u>
c2_10.1+vt3+vcd-2+ccr-0.8+lva-0.67	29123.7371	<b>28492.049</b>	<u>29182.1599</u>	<u>28735.2978</u>
c2_10.1+vt3+vcd-2+ccr-0.8+lva-0.9	27787.0985	<b>27189.2858</b>	<u>27820.3025</u>	<u>27495.5706</u>
c2_10.1+vt5+fcd-2+ccr-0.8+lva-0.67	56563.6838	<b>55866.0588</b>	<u>56791.6005</u>	<u>57838.7162</u>
c2_10.1+vt5+fcd-2+ccr-0.8+lva-0.9	<b>54428.2043</b>	55267.3295	<u>54629.6278</u>	<u>56706.9088</u>
c2_10.1+vt5+vcd-2+ccr-0.8+lva-0.67	29736.3514	<b>28801.5045</b>	<u>29856.4220</u>	<u>28942.2436</u>
c2_10.1+vt5+vcd-2+ccr-0.8+lva-0.9	28091.1393	<b>27390.1889</b>	<u>28116.3637</u>	<u>28188.6701</u>
c2_10.4+vt3+fcd-2+ccr-0.8+lva-0.67	51590.3317	<b>49680.5448</b>	<u>51694.9041</u>	<u>49916.792</u>
c2_10.4+vt3+fcd-2+ccr-0.8+lva-0.9	49425.6460	<b>46908.9056</b>	<u>49592.8965</u>	<u>47051.821</u>
c2_10.4+vt3+vcd-2+ccr-0.8+lva-0.67	27087.4241	<b>25592.8871</b>	<u>27105.0048</u>	<u>25754.1514</u>
c2_10.4+vt3+vcd-2+ccr-0.8+lva-0.9	25628.8170	<b>24171.544</b>	<u>25794.6147</u>	<u>24444.6935</u>
c2_10.4+vt5+fcd-2+ccr-0.8+lva-0.67	52805.6088	<b>50456.002</b>	<u>53319.5130</u>	<u>50617.9253</u>
c2_10.4+vt5+fcd-2+ccr-0.8+lva-0.9	50142.0909	<b>47812.4153</b>	<u>50891.3453</u>	<u>48388.841</u>
c2_10.4+vt5+vcd-2+ccr-0.8+lva-0.67	27807.0460	<b>26355.0567</b>	<u>27935.4069</u>	<u>26443.6319</u>
c2_10.4+vt5+vcd-2+ccr-0.8+lva-0.9	26025.7614	<b>24720.4376</b>	<u>26111.6379</u>	<u>24957.9815</u>
r1_10.1+vt3+fcd-2+ccr-0.8+lva-0.67	186787.8751	<b>179487.5664</b>	<u>188131.6998</u>	<u>179913.557</u>
r1_10.1+vt3+fcd-2+ccr-0.8+lva-0.9	179123.1465	<b>173412.9686</b>	<u>180828.3801</u>	<u>175707.1146</u>
r1_10.1+vt3+vcd-2+ccr-0.8+lva-0.67	96243.3785	<b>95293.2333</b>	<u>96857.8355</u>	<u>97422.9765</u>
r1_10.1+vt3+vcd-2+ccr-0.8+lva-0.9	<b>90597.8468</b>	96074.4945	<u>91528.4633</u>	<u>96374.9401</u>
r1_10.1+vt5+fcd-2+ccr-0.8+lva-0.67	188617.7960	<b>182864.3596</b>	<u>190508.5405</u>	<u>183328.5411</u>
r1_10.1+vt5+fcd-2+ccr-0.8+lva-0.9	183049.7307	<b>175402.5769</b>	<u>183803.2080</u>	<u>176251.8907</u>
r1_10.1+vt5+vcd-2+ccr-0.8+lva-0.67	98739.1577	<b>98106.1717</b>	<u>99895.5714</u>	<u>99300.6382</u>
r1_10.1+vt5+vcd-2+ccr-0.8+lva-0.9	<b>93829.6801</b>	95676.0882	<u>95114.687</u>	<u>96898.0197</u>
r1_10.4+vt3+fcd-2+ccr-0.8+lva-0.67	152095.4020	<b>150622.2034</b>	<u>152193.6814</u>	<u>150795.7059</u>
r1_10.4+vt3+fcd-2+ccr-0.8+lva-0.9	143061.3253	<b>140793.5326</b>	<u>143281.1625</u>	<u>141229.1842</u>
r1_10.4+vt3+vcd-2+ccr-0.8+lva-0.67	79177.1636	<b>78380.3202</b>	<u>79517.3381</u>	<u>78677.5319</u>
r1_10.4+vt3+vcd-2+ccr-0.8+lva-0.9	73964.7603	<b>72497.0084</b>	<u>74266.8923</u>	<u>72782.5667</u>
r1_10.4+vt5+fcd-2+ccr-0.8+lva-0.67	155804.8222	<b>154142.8792</b>	<u>155960.4954</u>	<u>154378.0799</u>
r1_10.4+vt5+fcd-2+ccr-0.8+lva-0.9	147354.2543	<b>145632.4178</b>	<u>147598.7496</u>	<u>145996.9367</u>
r1_10.4+vt5+vcd-2+ccr-0.8+lva-0.67	82412.6197	<b>81534.5673</b>	<u>82784.2868</u>	<u>81843.2918</u>
r1_10.4+vt5+vcd-2+ccr-0.8+lva-0.9	76728.6024	<b>75692.913</b>	<u>77056.5028</u>	<u>76053.169</u>
r2_10.1+vt3+fcd-2+ccr-0.8+lva-0.67	86124.7993	<b>82127.2906</b>	<u>86761.1157</u>	<u>82422.6019</u>
r2_10.1+vt3+fcd-2+ccr-0.8+lva-0.9	86169.4489	<b>82907.6428</b>	<u>86561.7451</u>	<u>83237.2497</u>
r2_10.1+vt3+vcd-2+ccr-0.8+lva-0.67	51393.3710	<b>49021.4354</b>	<u>51883.9848</u>	<u>49105.9295</u>
r2_10.1+vt3+vcd-2+ccr-0.8+lva-0.9	51617.3342	<b>48893.5766</b>	<u>52274.9294</u>	<u>48975.8772</u>
r2_10.1+vt5+fcd-2+ccr-0.8+lva-0.67	86297.2009	<b>81975.6034</b>	<u>87032.5177</u>	<u>82575.5945</u>
r2_10.1+vt5+fcd-2+ccr-0.8+lva-0.9	85257.2830	<b>82102.8751</b>	<u>86559.7493</u>	<u>82409.4556</u>
r2_10.1+vt5+vcd-2+ccr-0.8+lva-0.67	51800.9819	<b>49015.6927</b>	<u>52388.4844</u>	<u>49076.6773</u>

Table 3: (continued)

	Minimum Total Costs		Mean Total Costs	
	DRSCI	PyVRP	DRSCI	PyVRP
r2_10.1+vt5+vcd-2+ccr-0.8+lva-0.9	51602.8814	<b>48878.361</b>	52171.5829	<u>49081.7221</u>
r2_10.4+vt3+fcd-2+ccr-0.8+lva-0.67	59746.6000	<b>57016.0212</b>	59861.6360	<u>57146.9587</u>
r2_10.4+vt3+fcd-2+ccr-0.8+lva-0.9	57737.1353	<b>54934.7831</b>	58519.7691	<u>55074.796</u>
r2_10.4+vt3+vcd-2+ccr-0.8+lva-0.67	30196.6103	<b>28415.5097</b>	30441.6465	<u>28484.1673</u>
r2_10.4+vt3+vcd-2+ccr-0.8+lva-0.9	29257.4616	<b>27517.1528</b>	29287.2487	<u>27580.4773</u>
r2_10.4+vt5+fcd-2+ccr-0.8+lva-0.67	60774.4599	<b>57676.8915</b>	60935.4240	<u>57717.1234</u>
r2_10.4+vt5+fcd-2+ccr-0.8+lva-0.9	58842.9028	<b>55551.2496</b>	59822.0612	<u>55674.5378</u>
r2_10.4+vt5+vcd-2+ccr-0.8+lva-0.67	30935.8146	<b>28705.6977</b>	31143.0586	<u>28853.7759</u>
r2_10.4+vt5+vcd-2+ccr-0.8+lva-0.9	30061.4072	<b>27868.4996</b>	30161.2000	<u>28127.5491</u>
rc1_10.1+vt3+fcd-2+ccr-0.8+lva-0.67	163166.4683	<b>161117.0641</b>	163927.4056	<u>161817.5564</u>
rc1_10.1+vt3+fcd-2+ccr-0.8+lva-0.9	153002.7710	<b>152277.0256</b>	153376.7884	<u>153127.4627</u>
rc1_10.1+vt3+vcd-2+ccr-0.8+lva-0.67	84360.8054	<b>83404.8858</b>	84546.0943	<u>84317.8954</u>
rc1_10.1+vt3+vcd-2+ccr-0.8+lva-0.9	78789.7908	<b>78487.6881</b>	78958.1608	<u>80523.5357</u>
rc1_10.1+vt5+fcd-2+ccr-0.8+lva-0.67	166221.3626	<b>165155.235</b>	167115.3974	<u>165498.4496</u>
rc1_10.1+vt5+fcd-2+ccr-0.8+lva-0.9	157555.7869	<b>156316.1984</b>	158168.1181	<u>157332.0958</u>
rc1_10.1+vt5+vcd-2+ccr-0.8+lva-0.67	<b>86873.3457</b>	87730.1871	<u>87060.0355</u>	<u>88362.4997</u>
rc1_10.1+vt5+vcd-2+ccr-0.8+lva-0.9	<b>81046.8779</b>	82571.5934	<u>81353.2632</u>	<u>83967.3815</u>
rc1_10.4+vt3+fcd-2+ccr-0.8+lva-0.67	147433.9664	<b>146120.5168</b>	147750.3740	<u>146275.2175</u>
rc1_10.4+vt3+fcd-2+ccr-0.8+lva-0.9	138699.1355	<b>136647.2525</b>	138877.5790	<u>137027.3218</u>
rc1_10.4+vt3+vcd-2+ccr-0.8+lva-0.67	76910.2720	<b>76457.8368</b>	77284.1196	<u>76703.1516</u>
rc1_10.4+vt3+vcd-2+ccr-0.8+lva-0.9	71021.9856	<b>69785.1054</b>	71459.1735	<u>70116.1465</u>
rc1_10.4+vt5+fcd-2+ccr-0.8+lva-0.67	150627.3236	<b>149016.9824</b>	151140.9246	<u>149550.1508</u>
rc1_10.4+vt5+fcd-2+ccr-0.8+lva-0.9	142145.7149	<b>141034.4903</b>	142628.5762	<u>141713.1527</u>
rc1_10.4+vt5+vcd-2+ccr-0.8+lva-0.67	79874.0795	<b>78736.4961</b>	80343.3902	<u>79100.5278</u>
rc1_10.4+vt5+vcd-2+ccr-0.8+lva-0.9	74227.8748	<b>72888.3944</b>	74428.0852	<u>73520.6223</u>
rc2_10.1+vt3+fcd-2+ccr-0.8+lva-0.67	75404.5610	<b>69822.3761</b>	76126.6562	<u>71215.0143</u>
rc2_10.1+vt3+fcd-2+ccr-0.8+lva-0.9	73560.9401	<b>72150.4476</b>	73615.1688	<u>72495.6539</u>
rc2_10.1+vt3+vcd-2+ccr-0.8+lva-0.67	41232.9601	<b>39514.7508</b>	41558.3558	<u>39873.0473</u>
rc2_10.1+vt3+vcd-2+ccr-0.8+lva-0.9	41040.6265	<b>40156.4984</b>	41094.2788	<u>40198.8219</u>
rc2_10.1+vt5+fcd-2+ccr-0.8+lva-0.67	74117.9294	<b>71064.7805</b>	74856.3391	<u>72170.2847</u>
rc2_10.1+vt5+fcd-2+ccr-0.8+lva-0.9	73693.3218	<b>68882.5392</b>	73867.3517	<u>70558.2142</u>
rc2_10.1+vt5+vcd-2+ccr-0.8+lva-0.67	40828.3045	<b>39850.4073</b>	41089.5619	<u>39998.9792</u>
rc2_10.1+vt5+vcd-2+ccr-0.8+lva-0.9	40823.0178	<b>38998.0988</b>	41190.7715	<u>39669.5202</u>
rc2_10.4+vt3+fcd-2+ccr-0.8+lva-0.67	53107.8292	<b>51804.6645</b>	53250.5589	<u>51921.2216</u>
rc2_10.4+vt3+fcd-2+ccr-0.8+lva-0.9	50923.4238	<b>49787.9043</b>	51380.8873	<u>49854.177</u>
rc2_10.4+vt3+vcd-2+ccr-0.8+lva-0.67	26906.7365	<b>25739.0622</b>	27074.1794	<u>25765.1488</u>
rc2_10.4+vt3+vcd-2+ccr-0.8+lva-0.9	25885.3244	<b>24718.5461</b>	25938.0465	<u>24780.4153</u>
rc2_10.4+vt5+fcd-2+ccr-0.8+lva-0.67	54261.9231	<b>51534.3176</b>	54932.5515	<u>51611.5726</u>
rc2_10.4+vt5+fcd-2+ccr-0.8+lva-0.9	52551.6101	<b>50517.331</b>	53116.5865	<u>50587.3615</u>
rc2_10.4+vt5+vcd-2+ccr-0.8+lva-0.67	27784.2569	<b>25755.5997</b>	27830.5745	<u>25852.055</u>
rc2_10.4+vt5+vcd-2+ccr-0.8+lva-0.9	26162.5870	<b>25055.7288</b>	26448.9435	<u>25116.758</u>

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