

dataset	Linear		Quadratic		Dyadic		DSIL	
SO2T5	0.60	(4.0)	<b>0.28</b>	(1.0)	0.47	(3.0)	0.30	(2.0)
SO2T10	0.59	(4.0)	<b>0.28</b>	(1.5)	0.44	(3.0)	<b>0.28</b>	(1.5)
SO2T15	0.56	(4.0)	<b>0.16</b>	(1.5)	0.41	(3.0)	<b>0.16</b>	(1.5)
SO2T20	0.51	(4.0)	0.12	(2.0)	0.34	(3.0)	<b>0.11</b>	(1.0)
SO5T5	0.55	(4.0)	<b>0.27</b>	(1.0)	0.52	(3.0)	0.28	(2.0)
SO5T10	0.51	(3.5)	<b>0.31</b>	(1.0)	0.51	(3.5)	0.32	(2.0)
SO5T15	0.48	(4.0)	<b>0.18</b>	(1.5)	0.36	(3.0)	<b>0.18</b>	(1.5)
SO5T20	0.48	(4.0)	0.13	(2.0)	0.33	(3.0)	<b>0.12</b>	(1.0)
SO10T5	0.53	(3.0)	<b>0.35</b>	(1.0)	0.57	(4.0)	0.39	(2.0)
SO10T10	0.51	(4.0)	<b>0.28</b>	(1.5)	0.48	(3.0)	<b>0.28</b>	(1.5)
SO10T15	0.50	(4.0)	<b>0.17</b>	(1.0)	0.39	(3.0)	0.18	(2.0)
SO10T20	0.46	(4.0)	<b>0.13</b>	(1.0)	0.33	(3.0)	0.14	(2.0)
Avg. Rank		(3.9)		(1.3)		(3.1)		(1.7)

Table 1: MAE\_BR  
Datasets: 12, Systems: 4  
CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s-</sub>		DSIL <sub>s+</sub>		DSIL <sub>s-</sub>	
SO2T5	0.61	(6.0)	<b>0.27</b>	(1.0)	0.47	(4.5)	0.47	(4.5)	0.30	(2.5)	0.30	(2.5)
SO2T10	0.60	(6.0)	<b>0.27</b>	(1.0)	0.45	(5.0)	0.44	(4.0)	0.28	(2.5)	0.28	(2.5)
SO2T15	0.57	(6.0)	<b>0.16</b>	(2.0)	0.46	(5.0)	0.40	(4.0)	<b>0.16</b>	(2.0)	<b>0.16</b>	(2.0)
SO2T20	0.51	(6.0)	<b>0.11</b>	(1.5)	0.40	(5.0)	0.35	(4.0)	<b>0.11</b>	(1.5)	0.12	(3.0)
SO5T5	0.55	(6.0)	0.26	(2.0)	0.51	(4.5)	0.51	(4.5)	<b>0.25</b>	(1.0)	0.27	(3.0)
SO5T10	0.53	(4.5)	<b>0.29</b>	(1.0)	0.55	(6.0)	0.53	(4.5)	0.31	(2.0)	0.33	(3.0)
SO5T15	0.49	(6.0)	<b>0.17</b>	(1.5)	0.45	(5.0)	0.37	(4.0)	<b>0.17</b>	(1.5)	0.18	(3.0)
SO5T20	0.48	(6.0)	<b>0.12</b>	(2.0)	0.40	(5.0)	0.33	(4.0)	<b>0.12</b>	(2.0)	<b>0.12</b>	(2.0)
SO10T5	0.55	(4.0)	<b>0.35</b>	(1.0)	0.74	(6.0)	0.57	(5.0)	0.38	(3.0)	0.37	(2.0)
SO10T10	0.52	(5.0)	<b>0.27</b>	(1.5)	0.62	(6.0)	0.49	(4.0)	<b>0.27</b>	(1.5)	0.28	(3.0)
SO10T15	0.50	(5.0)	0.18	(3.0)	0.53	(6.0)	0.40	(4.0)	<b>0.17</b>	(1.5)	<b>0.17</b>	(1.5)
SO10T20	0.47	(5.0)	<b>0.14</b>	(1.5)	0.61	(6.0)	0.31	(4.0)	0.15	(3.0)	<b>0.14</b>	(1.5)
Avg. Rank		(5.5)		(1.6)		(5.3)		(4.2)		(2.0)		(2.4)

Table 2: MAE\_RC  
Datasets: 12, Systems: 6  
CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s-</sub>		DSIL <sub>s+</sub>		DSIL <sub>s-</sub>	
SO2T5	0.60	(6.0)	<b>0.26</b>	(1.0)	0.47	(4.0)	0.48	(5.0)	0.29	(3.0)	0.28	(2.0)
SO2T10	0.59	(6.0)	<b>0.26</b>	(1.5)	0.41	(4.0)	0.43	(5.0)	<b>0.26</b>	(1.5)	0.28	(3.0)
SO2T15	0.57	(6.0)	0.17	(2.5)	0.44	(5.0)	0.41	(4.0)	0.17	(2.5)	<b>0.16</b>	(1.0)
SO2T20	0.51	(6.0)	<b>0.10</b>	(1.5)	0.24	(4.0)	0.34	(5.0)	<b>0.10</b>	(1.5)	0.11	(3.0)
SO5T5	0.55	(6.0)	<b>0.24</b>	(1.0)	0.51	(5.0)	0.50	(4.0)	0.25	(2.0)	0.28	(3.0)
SO5T10	0.52	(5.0)	<b>0.27</b>	(1.0)	0.58	(6.0)	0.50	(4.0)	0.28	(2.0)	0.32	(3.0)
SO5T15	0.48	(6.0)	0.16	(2.0)	0.30	(4.0)	0.35	(5.0)	<b>0.15</b>	(1.0)	0.18	(3.0)
SO5T20	0.47	(6.0)	<b>0.11</b>	(1.5)	0.23	(4.0)	0.32	(5.0)	<b>0.11</b>	(1.5)	0.13	(3.0)
SO10T5	0.54	(4.0)	<b>0.34</b>	(1.0)	0.60	(6.0)	0.57	(5.0)	0.35	(2.0)	0.37	(3.0)
SO10T10	0.51	(6.0)	<b>0.25</b>	(1.0)	0.46	(4.0)	0.48	(5.0)	0.26	(2.0)	0.29	(3.0)
SO10T15	0.49	(6.0)	<b>0.16</b>	(1.5)	0.28	(4.0)	0.39	(5.0)	<b>0.16</b>	(1.5)	0.18	(3.0)
SO10T20	0.46	(6.0)	<b>0.11</b>	(1.0)	0.21	(4.0)	0.33	(5.0)	0.12	(2.0)	0.14	(3.0)
Avg. Rank		(5.8)		(1.4)		(4.5)		(4.8)		(1.9)		(2.8)

Table 3: MAE\_STA  
Datasets: 12, Systems: 6  
CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s-</sub>		DSIL <sub>s+</sub>		DSIL <sub>s-</sub>	
SO2T5	0.59	(6.0)	<b>0.27</b>	(1.0)	0.48	(4.5)	0.48	(4.5)	0.30	(3.0)	0.29	(2.0)
SO2T10	0.60	(6.0)	<b>0.27</b>	(1.5)	0.43	(4.0)	0.44	(5.0)	<b>0.27</b>	(1.5)	0.28	(3.0)
SO2T15	0.57	(6.0)	<b>0.16</b>	(1.0)	0.52	(5.0)	0.40	(4.0)	0.17	(2.5)	0.17	(2.5)
SO2T20	0.51	(6.0)	<b>0.11</b>	(1.5)	0.40	(5.0)	0.35	(4.0)	<b>0.11</b>	(1.5)	0.12	(3.0)
SO5T5	0.64	(6.0)	<b>0.26</b>	(1.5)	0.54	(5.0)	0.50	(4.0)	<b>0.26</b>	(1.5)	0.28	(3.0)
SO5T10	0.53	(6.0)	<b>0.29</b>	(1.0)	0.51	(4.0)	0.52	(5.0)	0.30	(2.0)	0.32	(3.0)
SO5T15	0.51	(6.0)	<b>0.17</b>	(1.5)	0.50	(5.0)	0.40	(4.0)	<b>0.17</b>	(1.5)	0.18	(3.0)
SO5T20	0.49	(6.0)	<b>0.12</b>	(1.5)	0.43	(5.0)	0.35	(4.0)	<b>0.12</b>	(1.5)	0.13	(3.0)
SO10T5	0.54	(4.0)	<b>0.35</b>	(1.0)	0.64	(6.0)	0.55	(5.0)	0.38	(3.0)	0.37	(2.0)
SO10T10	0.52	(6.0)	<b>0.27</b>	(1.5)	0.47	(4.0)	0.49	(5.0)	<b>0.27</b>	(1.5)	0.28	(3.0)
SO10T15	0.52	(6.0)	<b>0.17</b>	(1.5)	0.46	(5.0)	0.40	(4.0)	<b>0.17</b>	(1.5)	0.18	(3.0)
SO10T20	0.48	(6.0)	<b>0.14</b>	(2.0)	0.46	(5.0)	0.34	(4.0)	<b>0.14</b>	(2.0)	<b>0.14</b>	(2.0)
Avg. Rank		(5.8)		(1.4)		(4.8)		(4.4)		(1.9)		(2.7)

Table 4: MAE\_DBR  
Datasets: 12, Systems: 6  
CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic		DSIL	
SO2T5	0.71	(4.0)	<b>0.29</b>	(1.0)	0.53	(3.0)	0.30	(2.0)
SO2T10	0.72	(4.0)	<b>0.29</b>	(1.0)	0.54	(3.0)	0.30	(2.0)
SO2T15	0.62	(4.0)	<b>0.10</b>	(1.0)	0.42	(3.0)	0.11	(2.0)
SO2T20	0.49	(4.0)	0.05	(2.0)	0.32	(3.0)	<b>0.04</b>	(1.0)
SO5T5	0.58	(3.0)	<b>0.25</b>	(1.0)	0.75	(4.0)	0.28	(2.0)
SO5T10	0.54	(3.0)	<b>0.42</b>	(1.0)	0.78	(4.0)	0.44	(2.0)
SO5T15	0.47	(4.0)	<b>0.15</b>	(1.0)	0.31	(3.0)	0.16	(2.0)
SO5T20	0.45	(4.0)	<b>0.05</b>	(1.5)	0.26	(3.0)	<b>0.05</b>	(1.5)
SO10T5	0.57	(3.0)	<b>0.41</b>	(1.0)	1.04	(4.0)	0.47	(2.0)
SO10T10	0.52	(3.0)	<b>0.32</b>	(1.5)	0.67	(4.0)	<b>0.32</b>	(1.5)
SO10T15	0.50	(4.0)	<b>0.13</b>	(1.0)	0.47	(3.0)	0.15	(2.0)
SO10T20	0.43	(4.0)	<b>0.06</b>	(1.0)	0.29	(3.0)	0.07	(2.0)
Avg. Rank	(3.7)		(1.2)		(3.3)		(1.8)	

Table 5: MSE\_BR  
Datasets: 12, Systems: 4  
CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s−</sub>		DSIL <sub>s+</sub>		DSIL <sub>s−</sub>	
SO2T5	0.71	(6.0)	<b>0.27</b>	(1.0)	0.51	(4.0)	0.52	(5.0)	0.31	(3.0)	0.30	(2.0)
SO2T10	0.72	(6.0)	<b>0.28</b>	(1.0)	0.55	(5.0)	0.54	(4.0)	0.29	(2.0)	0.31	(3.0)
SO2T15	0.65	(5.0)	<b>0.09</b>	(1.0)	0.76	(6.0)	0.40	(4.0)	0.10	(2.0)	0.11	(3.0)
SO2T20	0.49	(5.0)	0.04	(2.5)	0.52	(6.0)	0.33	(4.0)	<b>0.03</b>	(1.0)	0.04	(2.5)
SO5T5	0.56	(4.0)	0.22	(2.0)	0.64	(5.0)	0.74	(6.0)	<b>0.21</b>	(1.0)	0.24	(3.0)
SO5T10	0.55	(4.0)	<b>0.36</b>	(1.0)	1.03	(6.0)	0.82	(5.0)	0.38	(2.0)	0.44	(3.0)
SO5T15	0.48	(5.0)	<b>0.12</b>	(1.0)	0.67	(6.0)	0.30	(4.0)	0.13	(2.0)	0.15	(3.0)
SO5T20	0.44	(5.0)	0.05	(3.0)	0.52	(6.0)	0.28	(4.0)	<b>0.04</b>	(1.5)	<b>0.04</b>	(1.5)
SO10T5	0.61	(4.0)	<b>0.42</b>	(1.5)	3.16	(6.0)	1.05	(5.0)	0.45	(3.0)	<b>0.42</b>	(1.5)
SO10T10	0.52	(4.0)	<b>0.26</b>	(1.0)	2.28	(6.0)	0.68	(5.0)	0.28	(2.0)	0.30	(3.0)
SO10T15	0.49	(4.0)	<b>0.13</b>	(1.5)	1.27	(6.0)	0.51	(5.0)	<b>0.13</b>	(1.5)	0.15	(3.0)
SO10T20	0.43	(5.0)	<b>0.06</b>	(1.5)	2.96	(6.0)	0.21	(4.0)	0.07	(3.0)	<b>0.06</b>	(1.5)
Avg. Rank	(4.8)		(1.5)		(5.7)		(4.6)		(2.0)		(2.5)	

Table 6: MSE\_RC  
Datasets: 12, Systems: 6  
CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s−</sub>		DSIL <sub>s+</sub>		DSIL <sub>s−</sub>	
SO2T5	0.72	(6.0)	<b>0.26</b>	(1.0)	0.52	(4.0)	0.57	(5.0)	0.29	(2.5)	0.29	(2.5)
SO2T10	0.72	(6.0)	<b>0.24</b>	(1.5)	0.43	(4.0)	0.52	(5.0)	<b>0.24</b>	(1.5)	0.30	(3.0)
SO2T15	0.64	(5.0)	0.12	(3.0)	0.87	(6.0)	0.42	(4.0)	0.11	(2.0)	<b>0.10</b>	(1.0)
SO2T20	0.48	(6.0)	<b>0.03</b>	(1.0)	0.12	(4.0)	0.32	(5.0)	0.04	(2.5)	0.04	(2.5)
SO5T5	0.58	(4.0)	<b>0.19</b>	(1.0)	0.98	(6.0)	0.72	(5.0)	0.21	(2.0)	0.28	(3.0)
SO5T10	0.54	(4.0)	<b>0.31</b>	(1.5)	2.29	(6.0)	0.74	(5.0)	<b>0.31</b>	(1.5)	0.45	(3.0)
SO5T15	0.47	(6.0)	0.12	(2.0)	0.23	(4.0)	0.28	(5.0)	<b>0.11</b>	(1.0)	0.15	(3.0)
SO5T20	0.44	(6.0)	<b>0.04</b>	(1.5)	0.11	(4.0)	0.26	(5.0)	<b>0.04</b>	(1.5)	0.05	(3.0)
SO10T5	0.58	(4.0)	<b>0.42</b>	(1.0)	1.52	(6.0)	1.06	(5.0)	0.45	(2.0)	0.48	(3.0)
SO10T10	0.52	(4.0)	<b>0.24</b>	(1.0)	0.82	(6.0)	0.66	(5.0)	0.27	(2.0)	0.32	(3.0)
SO10T15	0.48	(5.5)	<b>0.11</b>	(1.5)	0.27	(4.0)	0.48	(5.5)	<b>0.11</b>	(1.5)	0.16	(3.0)
SO10T20	0.43	(6.0)	<b>0.03</b>	(1.0)	0.10	(4.0)	0.29	(5.0)	0.05	(2.0)	0.07	(3.0)
Avg. Rank	(5.2)		(1.4)		(4.8)		(5.0)		(1.8)		(2.8)	

Table 7: MSE\_STA  
Datasets: 12, Systems: 6  
CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s−</sub>		DSIL <sub>s+</sub>		DSIL <sub>s−</sub>	
SO2T5	0.68	(6.0)	<b>0.26</b>	(1.0)	0.54	(4.0)	0.57	(5.0)	0.30	(2.5)	0.30	(2.5)
SO2T10	0.73	(6.0)	<b>0.26</b>	(1.5)	0.47	(4.0)	0.52	(5.0)	<b>0.26</b>	(1.5)	0.28	(3.0)
SO2T15	0.63	(5.0)	<b>0.11</b>	(1.5)	1.09	(6.0)	0.40	(4.0)	0.12	(3.0)	<b>0.11</b>	(1.5)
SO2T20	0.49	(6.0)	0.04	(2.5)	0.48	(5.0)	0.32	(4.0)	<b>0.03</b>	(1.0)	0.04	(2.5)
SO5T5	0.89	(5.0)	<b>0.21</b>	(1.5)	0.95	(6.0)	0.70	(4.0)	<b>0.21</b>	(1.5)	0.25	(3.0)
SO5T10	0.56	(4.0)	<b>0.35</b>	(1.0)	0.77	(5.0)	0.79	(6.0)	0.36	(2.0)	0.42	(3.0)
SO5T15	0.52	(5.0)	<b>0.11</b>	(1.0)	0.78	(6.0)	0.35	(4.0)	0.12	(2.0)	0.15	(3.0)
SO5T20	0.45	(5.0)	<b>0.04</b>	(1.0)	0.68	(6.0)	0.28	(4.0)	0.05	(2.5)	0.05	(2.5)
SO10T5	0.59	(4.0)	<b>0.41</b>	(1.0)	1.73	(6.0)	0.88	(5.0)	0.43	(3.0)	0.42	(2.0)
SO10T10	0.53	(4.0)	<b>0.26</b>	(1.0)	0.58	(5.0)	0.67	(6.0)	0.27	(2.0)	0.31	(3.0)
SO10T15	0.52	(5.0)	<b>0.11</b>	(1.5)	0.82	(6.0)	0.50	(4.0)	<b>0.11</b>	(1.5)	0.15	(3.0)
SO10T20	0.45	(5.0)	<b>0.06</b>	(1.0)	0.75	(6.0)	0.30	(4.0)	0.07	(2.5)	0.07	(2.5)
Avg. Rank	(5.0)		(1.3)		(5.4)		(4.6)		(2.1)		(2.6)	

Table 8: MSE\_DBR  
Datasets: 12, Systems: 6  
CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic		DSIL	
SO2T5	79.31	(4.0)	<b>46.30</b>	(1.0)	67.28	(3.0)	48.79	(2.0)
SO2T10	79.90	(4.0)	<b>44.50</b>	(1.0)	64.30	(3.0)	45.56	(2.0)
SO2T15	73.94	(4.0)	<b>25.57</b>	(1.0)	60.21	(3.0)	26.34	(2.0)
SO2T20	66.46	(4.0)	16.93	(2.0)	50.81	(3.0)	<b>16.27</b>	(1.0)
SO5T5	72.14	(3.0)	<b>43.09</b>	(1.0)	75.94	(4.0)	45.66	(2.0)
SO5T10	68.26	(3.0)	<b>54.60</b>	(1.0)	77.83	(4.0)	55.65	(2.0)
SO5T15	64.47	(4.0)	<b>28.84</b>	(1.0)	49.97	(3.0)	29.44	(2.0)
SO5T20	63.01	(4.0)	<b>17.99</b>	(1.0)	45.49	(3.0)	18.41	(2.0)
SO10T5	70.48	(3.0)	<b>56.65</b>	(1.0)	89.32	(4.0)	61.46	(2.0)
SO10T10	67.44	(3.0)	48.08	(2.0)	71.26	(4.0)	<b>47.98</b>	(1.0)
SO10T15	65.28	(4.0)	<b>26.57</b>	(1.0)	58.45	(3.0)	27.90	(2.0)
SO10T20	61.59	(4.0)	<b>19.00</b>	(1.0)	46.19	(3.0)	20.73	(2.0)
Avg. Rank	(3.7)		(1.2)		(3.3)		(1.8)	

Table 9: RMSE\_BR

Datasets: 12, Systems: 4

CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s-</sub>		DSIL <sub>s+</sub>		DSIL <sub>s-</sub>	
SO2T5	79.85	(6.0)	<b>44.99</b>	(1.0)	66.98	(5.0)	66.65	(4.0)	48.07	(2.0)	48.75	(3.0)
SO2T10	79.82	(6.0)	<b>43.75</b>	(1.0)	65.11	(5.0)	63.86	(4.0)	44.24	(2.0)	45.51	(3.0)
SO2T15	75.48	(6.0)	<b>25.04</b>	(1.0)	70.63	(5.0)	58.58	(4.0)	26.01	(2.0)	26.19	(3.0)
SO2T20	66.36	(6.0)	15.58	(2.0)	61.66	(5.0)	51.50	(4.0)	<b>15.38</b>	(1.0)	16.75	(3.0)
SO5T5	71.14	(4.0)	40.27	(2.0)	72.36	(5.0)	75.43	(6.0)	<b>39.56</b>	(1.0)	43.13	(3.0)
SO5T10	69.50	(4.0)	<b>51.14</b>	(1.0)	85.24	(6.0)	79.93	(5.0)	52.22	(2.0)	55.24	(3.0)
SO5T15	65.25	(6.0)	<b>26.77</b>	(1.0)	62.36	(5.0)	49.85	(4.0)	27.95	(2.0)	29.50	(3.0)
SO5T20	63.12	(6.0)	18.15	(2.0)	57.89	(5.0)	46.07	(4.0)	18.27	(3.0)	<b>18.05</b>	(1.0)
SO10T5	72.61	(4.0)	<b>57.10</b>	(1.0)	124.99	(6.0)	90.56	(5.0)	59.35	(3.0)	57.92	(2.0)
SO10T10	67.46	(4.0)	<b>44.61</b>	(1.0)	94.41	(6.0)	72.37	(5.0)	45.40	(2.0)	46.65	(3.0)
SO10T15	65.31	(5.0)	27.31	(3.0)	80.09	(6.0)	59.43	(4.0)	<b>26.83</b>	(1.0)	27.20	(2.0)
SO10T20	61.69	(5.0)	20.74	(2.0)	89.85	(6.0)	41.61	(4.0)	21.33	(3.0)	<b>19.90</b>	(1.0)
Avg. Rank	(5.2)		(1.5)		(5.4)		(4.4)		(2.0)		(2.5)	

Table 10: RMSE\_RC

Datasets: 12, Systems: 6

CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s-</sub>		DSIL <sub>s+</sub>		DSIL <sub>s-</sub>	
SO2T5	79.60	(6.0)	<b>43.49</b>	(1.0)	68.29	(4.0)	69.18	(5.0)	46.74	(2.0)	47.25	(3.0)
SO2T10	79.88	(6.0)	<b>40.86</b>	(1.0)	58.90	(4.0)	63.16	(5.0)	41.53	(2.0)	45.25	(3.0)
SO2T15	75.07	(6.0)	27.92	(3.0)	71.66	(5.0)	60.38	(4.0)	27.40	(2.0)	<b>26.21</b>	(1.0)
SO2T20	66.19	(6.0)	<b>14.18</b>	(1.0)	32.73	(4.0)	51.13	(5.0)	14.84	(2.0)	15.89	(3.0)
SO5T5	72.11	(4.0)	<b>38.10</b>	(1.0)	80.77	(6.0)	74.08	(5.0)	39.50	(2.0)	46.02	(3.0)
SO5T10	68.46	(4.0)	<b>46.42</b>	(1.0)	95.47	(6.0)	76.39	(5.0)	46.99	(2.0)	55.72	(3.0)
SO5T15	64.16	(6.0)	25.21	(2.0)	42.22	(4.0)	48.23	(5.0)	<b>24.16</b>	(1.0)	29.24	(3.0)
SO5T20	62.78	(6.0)	<b>15.45</b>	(1.0)	31.87	(4.0)	45.27	(5.0)	15.58	(2.0)	18.16	(3.0)
SO10T5	70.91	(4.0)	<b>54.86</b>	(1.0)	96.44	(6.0)	90.51	(5.0)	57.46	(2.0)	60.63	(3.0)
SO10T10	67.37	(4.0)	<b>41.63</b>	(1.0)	71.40	(5.0)	71.61	(6.0)	44.49	(2.0)	48.48	(3.0)
SO10T15	64.55	(6.0)	<b>25.10</b>	(1.0)	42.00	(4.0)	58.81	(5.0)	25.44	(2.0)	27.99	(3.0)
SO10T20	61.63	(6.0)	<b>15.82</b>	(1.0)	28.85	(4.0)	46.34	(5.0)	17.91	(2.0)	20.48	(3.0)
Avg. Rank	(5.3)		(1.2)		(4.7)		(5.0)		(1.9)		(2.8)	

Table 11: RMSE\_STA

Datasets: 12, Systems: 6

CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s-</sub>		DSIL <sub>s+</sub>		DSIL <sub>s-</sub>	
SO2T5	77.30	(6.0)	<b>44.52</b>	(1.0)	69.07	(4.0)	69.38	(5.0)	47.77	(2.0)	48.45	(3.0)
SO2T10	80.26	(6.0)	42.69	(2.0)	62.04	(4.0)	63.36	(5.0)	<b>42.50</b>	(1.0)	44.12	(3.0)
SO2T15	74.63	(5.0)	<b>26.52</b>	(1.0)	82.26	(6.0)	58.59	(4.0)	27.18	(3.0)	26.95	(2.0)
SO2T20	66.26	(6.0)	<b>15.33</b>	(1.0)	60.22	(5.0)	51.47	(4.0)	15.34	(2.0)	16.83	(3.0)
SO5T5	82.28	(6.0)	<b>39.71</b>	(1.0)	79.46	(5.0)	73.49	(4.0)	40.21	(2.0)	44.07	(3.0)
SO5T10	69.49	(4.0)	<b>50.10</b>	(1.0)	76.74	(5.0)	78.82	(6.0)	50.63	(2.0)	54.30	(3.0)
SO5T15	67.03	(5.0)	<b>26.53</b>	(1.0)	67.65	(6.0)	53.40	(4.0)	27.33	(2.0)	29.49	(3.0)
SO5T20	63.39	(6.0)	<b>17.60</b>	(1.0)	61.54	(5.0)	47.33	(4.0)	18.25	(2.0)	18.81	(3.0)
SO10T5	71.09	(4.0)	<b>56.26</b>	(1.0)	102.64	(6.0)	84.41	(5.0)	58.36	(3.0)	57.89	(2.0)
SO10T10	68.27	(5.0)	<b>44.12</b>	(1.0)	67.33	(4.0)	71.50	(6.0)	45.47	(2.0)	47.86	(3.0)
SO10T15	67.27	(5.0)	<b>25.49</b>	(1.0)	68.38	(6.0)	59.42	(4.0)	25.89	(2.0)	27.56	(3.0)
SO10T20	63.04	(5.0)	<b>19.79</b>	(1.0)	65.08	(6.0)	47.09	(4.0)	21.10	(3.0)	20.93	(2.0)
Avg. Rank	(5.2)		(1.1)		(5.2)		(4.6)		(2.2)		(2.8)	

Table 12: RMSE\_DBR

Datasets: 12, Systems: 6

CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic		DSIL	
SO2T5	81.84	(4.0)	<b>47.79</b>	(1.0)	69.59	(3.0)	50.37	(2.0)
SO2T10	79.59	(4.0)	<b>44.05</b>	(1.0)	64.19	(3.0)	45.20	(2.0)
SO2T15	71.02	(4.0)	<b>25.25</b>	(1.0)	58.45	(3.0)	25.99	(2.0)
SO2T20	69.35	(4.0)	17.24	(2.0)	53.55	(3.0)	<b>16.64</b>	(1.0)
SO5T5	72.05	(3.0)	<b>42.88</b>	(1.0)	75.86	(4.0)	45.53	(2.0)
SO5T10	68.78	(3.0)	<b>54.79</b>	(1.0)	78.01	(4.0)	55.78	(2.0)
SO5T15	62.66	(4.0)	<b>28.02</b>	(1.0)	48.57	(3.0)	28.58	(2.0)
SO5T20	64.97	(4.0)	<b>18.57</b>	(1.0)	46.85	(3.0)	19.17	(2.0)
SO10T5	68.35	(3.0)	<b>55.14</b>	(1.0)	87.25	(4.0)	59.82	(2.0)
SO10T10	67.72	(3.0)	48.11	(2.0)	72.28	(4.0)	<b>47.91</b>	(1.0)
SO10T15	64.54	(4.0)	<b>26.27</b>	(1.0)	57.86	(3.0)	27.78	(2.0)
SO10T20	61.16	(4.0)	<b>19.01</b>	(1.0)	45.07	(3.0)	20.69	(2.0)
Avg. Rank	(3.7)		(1.2)		(3.3)		(1.8)	

Table 13: RRMSE\_BR

Datasets: 12, Systems: 4

CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s−</sub>		DSIL <sub>s+</sub>		DSIL <sub>s−</sub>	
SO2T5	82.50	(6.0)	<b>46.48</b>	(1.0)	69.15	(5.0)	68.89	(4.0)	49.56	(2.0)	50.33	(3.0)
SO2T10	79.55	(6.0)	<b>43.26</b>	(1.0)	64.97	(5.0)	63.74	(4.0)	43.84	(2.0)	45.17	(3.0)
SO2T15	72.41	(6.0)	<b>24.72</b>	(1.0)	67.97	(5.0)	56.96	(4.0)	25.66	(2.0)	25.85	(3.0)
SO2T20	69.25	(6.0)	15.97	(2.0)	64.41	(5.0)	54.27	(4.0)	<b>15.81</b>	(1.0)	17.11	(3.0)
SO5T5	71.19	(4.0)	39.91	(2.0)	72.46	(5.0)	75.07	(6.0)	<b>39.34</b>	(1.0)	42.92	(3.0)
SO5T10	70.50	(4.0)	<b>50.94</b>	(1.0)	84.01	(6.0)	80.12	(5.0)	51.95	(2.0)	55.38	(3.0)
SO5T15	63.40	(6.0)	<b>25.96</b>	(1.0)	59.91	(5.0)	48.44	(4.0)	27.08	(2.0)	28.57	(3.0)
SO5T20	65.17	(6.0)	18.75	(2.0)	59.73	(5.0)	47.51	(4.0)	18.93	(3.0)	<b>18.70</b>	(1.0)
SO10T5	70.45	(4.0)	<b>55.66</b>	(1.0)	119.71	(6.0)	88.13	(5.0)	57.73	(3.0)	56.44	(2.0)
SO10T10	67.79	(4.0)	<b>44.51</b>	(1.0)	92.71	(6.0)	73.01	(5.0)	45.31	(2.0)	46.82	(3.0)
SO10T15	64.88	(5.0)	26.80	(2.0)	80.93	(6.0)	58.72	(4.0)	<b>26.68</b>	(1.0)	27.00	(3.0)
SO10T20	61.26	(5.0)	20.76	(2.0)	84.98	(6.0)	41.05	(4.0)	21.36	(3.0)	<b>19.96</b>	(1.0)
Avg. Rank	(5.2)		(1.4)		(5.4)		(4.4)		(2.0)		(2.6)	

Table 14: RRMSE\_RC

Datasets: 12, Systems: 6

CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s−</sub>		DSIL <sub>s+</sub>		DSIL <sub>s−</sub>	
SO2T5	81.42	(6.0)	<b>44.64</b>	(1.0)	70.51	(4.0)	72.52	(5.0)	47.99	(2.0)	48.69	(3.0)
SO2T10	79.58	(6.0)	<b>40.38</b>	(1.0)	58.07	(4.0)	62.94	(5.0)	41.00	(2.0)	44.84	(3.0)
SO2T15	72.14	(6.0)	27.74	(3.0)	71.51	(5.0)	58.59	(4.0)	27.29	(2.0)	<b>25.83</b>	(1.0)
SO2T20	69.13	(6.0)	<b>14.54</b>	(1.0)	33.95	(4.0)	53.97	(5.0)	15.19	(2.0)	16.22	(3.0)
SO5T5	71.96	(4.0)	<b>37.83</b>	(1.0)	80.45	(6.0)	73.87	(5.0)	39.35	(2.0)	45.85	(3.0)
SO5T10	69.04	(4.0)	<b>46.44</b>	(1.0)	94.87	(6.0)	76.54	(5.0)	46.89	(2.0)	56.01	(3.0)
SO5T15	62.40	(6.0)	24.80	(2.0)	41.27	(4.0)	46.88	(5.0)	<b>23.72</b>	(1.0)	28.45	(3.0)
SO5T20	64.69	(6.0)	<b>15.94</b>	(1.0)	32.76	(4.0)	46.64	(5.0)	16.16	(2.0)	18.80	(3.0)
SO10T5	68.68	(4.0)	<b>53.49</b>	(1.0)	93.53	(6.0)	88.11	(5.0)	55.96	(2.0)	59.16	(3.0)
SO10T10	67.53	(4.0)	<b>41.45</b>	(1.0)	72.55	(6.0)	72.35	(5.0)	44.19	(2.0)	48.55	(3.0)
SO10T15	63.83	(6.0)	<b>25.05</b>	(1.0)	42.10	(4.0)	58.11	(5.0)	25.32	(2.0)	27.67	(3.0)
SO10T20	61.20	(6.0)	<b>15.80</b>	(1.0)	28.63	(4.0)	45.32	(5.0)	17.91	(2.0)	20.45	(3.0)
Avg. Rank	(5.3)		(1.2)		(4.8)		(4.9)		(1.9)		(2.8)	

Table 15: RRMSE\_STA

Datasets: 12, Systems: 6

CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s−</sub>		DSIL <sub>s+</sub>		DSIL <sub>s−</sub>	
SO2T5	80.03	(6.0)	<b>45.85</b>	(1.0)	71.49	(4.0)	72.85	(5.0)	49.02	(2.0)	49.97	(3.0)
SO2T10	80.08	(6.0)	42.07	(2.0)	61.28	(4.0)	63.14	(5.0)	<b>41.82</b>	(1.0)	43.63	(3.0)
SO2T15	71.51	(5.0)	<b>26.29</b>	(1.0)	80.48	(6.0)	56.91	(4.0)	26.91	(3.0)	26.64	(2.0)
SO2T20	69.21	(6.0)	<b>15.69</b>	(1.0)	62.99	(5.0)	54.30	(4.0)	15.77	(2.0)	17.20	(3.0)
SO5T5	81.52	(6.0)	<b>39.45</b>	(1.0)	78.84	(5.0)	73.10	(4.0)	40.04	(2.0)	43.86	(3.0)
SO5T10	70.25	(4.0)	<b>49.74</b>	(1.0)	75.84	(5.0)	79.00	(6.0)	50.33	(2.0)	54.58	(3.0)
SO5T15	65.21	(5.0)	<b>25.70</b>	(1.0)	65.34	(6.0)	51.68	(4.0)	26.49	(2.0)	28.73	(3.0)
SO5T20	65.54	(6.0)	<b>18.16</b>	(1.0)	63.74	(5.0)	48.76	(4.0)	18.86	(2.0)	19.51	(3.0)
SO10T5	68.95	(4.0)	<b>54.70</b>	(1.0)	98.89	(6.0)	82.39	(5.0)	56.69	(3.0)	56.35	(2.0)
SO10T10	68.65	(5.0)	<b>44.00</b>	(1.0)	66.88	(4.0)	72.27	(6.0)	45.23	(2.0)	47.90	(3.0)
SO10T15	66.58	(5.0)	<b>25.13</b>	(1.0)	68.44	(6.0)	58.87	(4.0)	25.63	(2.0)	27.32	(3.0)
SO10T20	62.66	(5.0)	<b>19.84</b>	(1.0)	62.98	(6.0)	46.11	(4.0)	21.15	(3.0)	20.97	(2.0)
Avg. Rank	(5.2)		(1.1)		(5.2)		(4.6)		(2.2)		(2.8)	

Table 16: RRMSE\_DBR

Datasets: 12, Systems: 6

CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic		DSIL	
SO2T5	25.08	(4.0)	<b>14.64</b>	(1.0)	21.27	(3.0)	15.43	(2.0)
SO2T10	25.27	(4.0)	<b>14.07</b>	(1.0)	20.33	(3.0)	14.41	(2.0)
SO2T15	23.38	(4.0)	<b>8.09</b>	(1.0)	19.04	(3.0)	8.33	(2.0)
SO2T20	21.01	(4.0)	5.35	(2.0)	16.07	(3.0)	<b>5.14</b>	(1.0)
SO5T5	22.81	(3.0)	<b>13.63</b>	(1.0)	24.01	(4.0)	14.44	(2.0)
SO5T10	21.58	(3.0)	<b>17.27</b>	(1.0)	24.61	(4.0)	17.60	(2.0)
SO5T15	20.39	(4.0)	<b>9.12</b>	(1.0)	15.80	(3.0)	9.31	(2.0)
SO5T20	19.93	(4.0)	<b>5.69</b>	(1.0)	14.38	(3.0)	5.82	(2.0)
SO10T5	22.29	(3.0)	<b>17.91</b>	(1.0)	28.24	(4.0)	19.43	(2.0)
SO10T10	21.33	(3.0)	15.21	(2.0)	22.53	(4.0)	<b>15.17</b>	(1.0)
SO10T15	20.64	(4.0)	<b>8.40</b>	(1.0)	18.48	(3.0)	8.82	(2.0)
SO10T20	19.48	(4.0)	<b>6.01</b>	(1.0)	14.61	(3.0)	6.56	(2.0)
Avg. Rank		(3.7)		(1.2)		(3.3)		(1.8)

Table 17: ED\_BR  
Datasets: 12, Systems: 4  
CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s-</sub>		DSIL <sub>s+</sub>		DSIL <sub>s-</sub>	
SO2T5	25.25	(6.0)	<b>14.23</b>	(1.0)	21.18	(5.0)	21.08	(4.0)	15.20	(2.0)	15.42	(3.0)
SO2T10	25.24	(6.0)	<b>13.83</b>	(1.0)	20.59	(5.0)	20.20	(4.0)	13.99	(2.0)	14.39	(3.0)
SO2T15	23.87	(6.0)	<b>7.92</b>	(1.0)	22.33	(5.0)	18.52	(4.0)	8.23	(2.0)	8.28	(3.0)
SO2T20	20.99	(6.0)	4.93	(2.0)	19.50	(5.0)	16.28	(4.0)	<b>4.86</b>	(1.0)	5.30	(3.0)
SO5T5	22.50	(4.0)	12.73	(2.0)	22.88	(5.0)	23.85	(6.0)	<b>12.51</b>	(1.0)	13.64	(3.0)
SO5T10	21.98	(4.0)	<b>16.17</b>	(1.0)	26.96	(6.0)	25.28	(5.0)	16.51	(2.0)	17.47	(3.0)
SO5T15	20.63	(6.0)	<b>8.46</b>	(1.0)	19.72	(5.0)	15.76	(4.0)	8.84	(2.0)	9.33	(3.0)
SO5T20	19.96	(6.0)	5.74	(2.0)	18.31	(5.0)	14.57	(4.0)	5.78	(3.0)	<b>5.71</b>	(1.0)
SO10T5	22.96	(4.0)	<b>18.06</b>	(1.0)	39.53	(6.0)	28.64	(5.0)	18.77	(3.0)	18.32	(2.0)
SO10T10	21.33	(4.0)	<b>14.11</b>	(1.0)	29.86	(6.0)	22.89	(5.0)	14.36	(2.0)	14.75	(3.0)
SO10T15	20.65	(5.0)	8.64	(3.0)	25.33	(6.0)	18.79	(4.0)	<b>8.49</b>	(1.0)	8.60	(2.0)
SO10T20	19.51	(5.0)	6.56	(2.0)	28.41	(6.0)	13.16	(4.0)	6.75	(3.0)	<b>6.29</b>	(1.0)
Avg. Rank		(5.2)		(1.5)		(5.4)		(4.4)		(2.0)		(2.5)

Table 18: ED\_RC  
Datasets: 12, Systems: 6  
CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s-</sub>		DSIL <sub>s+</sub>		DSIL <sub>s-</sub>	
SO2T5	25.17	(6.0)	<b>13.75</b>	(1.0)	21.60	(4.0)	21.88	(5.0)	14.78	(2.0)	14.94	(3.0)
SO2T10	25.26	(6.0)	<b>12.92</b>	(1.0)	18.63	(4.0)	19.97	(5.0)	13.13	(2.0)	14.31	(3.0)
SO2T15	23.74	(6.0)	8.83	(3.0)	22.66	(5.0)	19.09	(4.0)	8.66	(2.0)	<b>8.29</b>	(1.0)
SO2T20	20.93	(6.0)	<b>4.48</b>	(1.0)	10.35	(4.0)	16.17	(5.0)	4.69	(2.0)	5.03	(3.0)
SO5T5	22.80	(4.0)	<b>12.05</b>	(1.0)	25.54	(6.0)	23.43	(5.0)	12.49	(2.0)	14.55	(3.0)
SO5T10	21.65	(4.0)	<b>14.68</b>	(1.0)	30.19	(6.0)	24.16	(5.0)	14.86	(2.0)	17.62	(3.0)
SO5T15	20.29	(6.0)	7.97	(2.0)	13.35	(4.0)	15.25	(5.0)	<b>7.64</b>	(1.0)	9.25	(3.0)
SO5T20	19.85	(6.0)	<b>4.89</b>	(1.0)	10.08	(4.0)	14.32	(5.0)	4.93	(2.0)	5.74	(3.0)
SO10T5	22.42	(4.0)	<b>17.35</b>	(1.0)	30.50	(6.0)	28.62	(5.0)	18.17	(2.0)	19.17	(3.0)
SO10T10	21.30	(4.0)	<b>13.16</b>	(1.0)	22.58	(5.0)	22.64	(6.0)	14.07	(2.0)	15.33	(3.0)
SO10T15	20.41	(6.0)	<b>7.94</b>	(1.0)	13.28	(4.0)	18.60	(5.0)	8.05	(2.0)	8.85	(3.0)
SO10T20	19.49	(6.0)	<b>5.00</b>	(1.0)	9.12	(4.0)	14.65	(5.0)	5.66	(2.0)	6.48	(3.0)
Avg. Rank		(5.3)		(1.2)		(4.7)		(5.0)		(1.9)		(2.8)

Table 19: ED\_STA  
Datasets: 12, Systems: 6  
CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s-</sub>		DSIL <sub>s+</sub>		DSIL <sub>s-</sub>	
SO2T5	24.44	(6.0)	<b>14.08</b>	(1.0)	21.84	(4.0)	21.94	(5.0)	15.11	(2.0)	15.32	(3.0)
SO2T10	25.38	(6.0)	13.50	(2.0)	19.62	(4.0)	20.04	(5.0)	<b>13.44</b>	(1.0)	13.95	(3.0)
SO2T15	23.60	(5.0)	<b>8.39</b>	(1.0)	26.01	(6.0)	18.53	(4.0)	8.60	(3.0)	8.52	(2.0)
SO2T20	20.95	(6.0)	<b>4.85</b>	(1.5)	19.04	(5.0)	16.27	(4.0)	<b>4.85</b>	(1.5)	5.32	(3.0)
SO5T5	26.02	(6.0)	<b>12.56</b>	(1.0)	25.13	(5.0)	23.24	(4.0)	12.72	(2.0)	13.94	(3.0)
SO5T10	21.97	(4.0)	<b>15.84</b>	(1.0)	24.27	(5.0)	24.93	(6.0)	16.01	(2.0)	17.17	(3.0)
SO5T15	21.20	(5.0)	<b>8.39</b>	(1.0)	21.39	(6.0)	16.89	(4.0)	8.64	(2.0)	9.33	(3.0)
SO5T20	20.05	(6.0)	<b>5.57</b>	(1.0)	19.46	(5.0)	14.97	(4.0)	5.77	(2.0)	5.95	(3.0)
SO10T5	22.48	(4.0)	<b>17.79</b>	(1.0)	32.46	(6.0)	26.69	(5.0)	18.46	(3.0)	18.31	(2.0)
SO10T10	21.59	(5.0)	<b>13.95</b>	(1.0)	21.29	(4.0)	22.61	(6.0)	14.38	(2.0)	15.14	(3.0)
SO10T15	21.27	(5.0)	<b>8.06</b>	(1.0)	21.62	(6.0)	18.79	(4.0)	8.19	(2.0)	8.72	(3.0)
SO10T20	19.93	(5.0)	<b>6.26</b>	(1.0)	20.58	(6.0)	14.89	(4.0)	6.67	(3.0)	6.62	(2.0)
Avg. Rank		(5.2)		(1.1)		(5.2)		(4.6)		(2.1)		(2.8)

Table 20: ED\_DBR  
Datasets: 12, Systems: 6  
CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic		DSIL	
SO2T5	0.25	(4.0)	<b>0.71</b>	(1.0)	0.44	(3.0)	0.69	(2.0)
SO2T10	0.27	(4.0)	<b>0.71</b>	(1.0)	0.44	(3.0)	0.7	(2.0)
SO2T15	0.43	(4.0)	<b>0.9</b>	(1.5)	0.6	(3.0)	<b>0.9</b>	(1.5)
SO2T20	0.47	(4.0)	0.95	(2.0)	0.64	(3.0)	<b>0.96</b>	(1.0)
SO5T5	0.43	(3.0)	<b>0.76</b>	(1.0)	0.27	(4.0)	0.73	(2.0)
SO5T10	0.45	(3.0)	<b>0.58</b>	(1.0)	0.23	(4.0)	0.56	(2.0)
SO5T15	0.55	(4.0)	<b>0.86</b>	(1.0)	0.71	(3.0)	0.85	(2.0)
SO5T20	0.52	(4.0)	<b>0.95</b>	(1.5)	0.72	(3.0)	<b>0.95</b>	(1.5)
SO10T5	0.48	(3.0)	<b>0.62</b>	(1.0)	0.01	(4.0)	0.56	(2.0)
SO10T10	0.48	(3.0)	0.68	(2.0)	0.29	(4.0)	<b>0.69</b>	(1.0)
SO10T15	0.52	(4.0)	<b>0.87</b>	(1.0)	0.53	(3.0)	0.85	(2.0)
SO10T20	0.58	(4.0)	<b>0.94</b>	(1.0)	0.74	(3.0)	0.93	(2.0)
Avg. Rank		(3.7)		(1.2)		(3.3)		(1.8)

Table 21: R2\_BR  
Datasets: 12, Systems: 4  
CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s−</sub>		DSIL <sub>s+</sub>		DSIL <sub>s−</sub>	
SO2T5	0.24	(6.0)	<b>0.73</b>	(1.0)	0.46	(4.5)	0.46	(4.5)	0.69	(2.5)	0.69	(2.5)
SO2T10	0.27	(6.0)	<b>0.72</b>	(1.0)	0.44	(5.0)	0.45	(4.0)	0.71	(2.0)	0.69	(3.0)
SO2T15	0.41	(5.0)	<b>0.91</b>	(1.0)	0.31	(6.0)	0.61	(4.0)	0.9	(2.5)	0.9	(2.5)
SO2T20	0.47	(5.0)	0.96	(2.5)	0.45	(6.0)	0.63	(4.0)	<b>0.97</b>	(1.0)	0.96	(2.5)
SO5T5	0.44	(4.0)	0.79	(2.0)	0.36	(5.0)	0.29	(6.0)	<b>0.8</b>	(1.0)	0.76	(3.0)
SO5T10	0.42	(4.0)	<b>0.65</b>	(1.0)	0.05	(6.0)	0.18	(5.0)	0.63	(2.0)	0.56	(3.0)
SO5T15	0.54	(5.0)	<b>0.89</b>	(1.0)	0.42	(6.0)	0.72	(4.0)	0.87	(2.0)	0.86	(3.0)
SO5T20	0.52	(5.0)	<b>0.95</b>	(2.0)	0.45	(6.0)	0.71	(4.0)	<b>0.95</b>	(2.0)	<b>0.95</b>	(2.0)
SO10T5	0.44	(4.0)	<b>0.61</b>	(1.5)	−1.8	(6.0)	0.02	(5.0)	0.59	(3.0)	<b>0.61</b>	(1.5)
SO10T10	0.48	(4.0)	<b>0.74</b>	(1.0)	−1.1	(6.0)	0.29	(5.0)	0.73	(2.0)	0.69	(3.0)
SO10T15	0.52	(4.0)	<b>0.88</b>	(1.0)	−0.39	(6.0)	0.5	(5.0)	0.87	(2.0)	0.86	(3.0)
SO10T20	0.58	(5.0)	<b>0.94</b>	(1.5)	−1.2	(6.0)	0.8	(4.0)	0.93	(3.0)	<b>0.94</b>	(1.5)
Avg. Rank		(4.8)		(1.4)		(5.7)		(4.5)		(2.1)		(2.5)

Table 22: R2\_RC  
Datasets: 12, Systems: 6  
CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s−</sub>		DSIL <sub>s+</sub>		DSIL <sub>s−</sub>	
SO2T5	0.27	(6.0)	<b>0.74</b>	(1.0)	0.44	(4.0)	0.35	(5.0)	0.71	(2.0)	0.7	(3.0)
SO2T10	0.27	(6.0)	<b>0.77</b>	(1.5)	0.59	(4.0)	0.47	(5.0)	<b>0.77</b>	(1.5)	0.7	(3.0)
SO2T15	0.41	(5.0)	0.88	(2.5)	0.09	(6.0)	0.6	(4.0)	0.88	(2.5)	<b>0.9</b>	(1.0)
SO2T20	0.48	(6.0)	<b>0.97</b>	(1.5)	0.87	(4.0)	0.64	(5.0)	<b>0.97</b>	(1.5)	0.96	(3.0)
SO5T5	0.43	(4.0)	<b>0.81</b>	(1.0)	0.05	(6.0)	0.3	(5.0)	0.8	(2.0)	0.72	(3.0)
SO5T10	0.45	(4.0)	0.69	(2.0)	−1.2	(6.0)	0.26	(5.0)	<b>0.7</b>	(1.0)	0.55	(3.0)
SO5T15	0.56	(6.0)	0.88	(2.0)	0.77	(4.0)	0.73	(5.0)	<b>0.9</b>	(1.0)	0.85	(3.0)
SO5T20	0.53	(6.0)	<b>0.96</b>	(1.5)	0.88	(4.0)	0.72	(5.0)	<b>0.96</b>	(1.5)	0.95	(3.0)
SO10T5	0.47	(4.0)	<b>0.61</b>	(1.0)	−0.39	(6.0)	0.02	(5.0)	0.59	(2.0)	0.55	(3.0)
SO10T10	0.49	(4.0)	<b>0.77</b>	(1.0)	0.11	(6.0)	0.31	(5.0)	0.74	(2.0)	0.68	(3.0)
SO10T15	0.54	(5.0)	<b>0.89</b>	(1.5)	0.72	(4.0)	0.53	(6.0)	<b>0.89</b>	(1.5)	0.85	(3.0)
SO10T20	0.58	(6.0)	<b>0.97</b>	(1.0)	0.9	(4.0)	0.74	(5.0)	0.95	(2.0)	0.93	(3.0)
Avg. Rank		(5.2)		(1.5)		(4.8)		(5.0)		(1.7)		(2.8)

Table 23: R2\_STA  
Datasets: 12, Systems: 6  
CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0

dataset	Linear		Quadratic		Dyadic <sub>s+</sub>		Dyadic <sub>s−</sub>		DSIL <sub>s+</sub>		DSIL <sub>s−</sub>	
SO2T5	0.28	(6.0)	<b>0.73</b>	(1.0)	0.43	(4.0)	0.34	(5.0)	0.7	(2.0)	0.69	(3.0)
SO2T10	0.26	(6.0)	<b>0.75</b>	(1.5)	0.55	(4.0)	0.47	(5.0)	<b>0.75</b>	(1.5)	0.72	(3.0)
SO2T15	0.43	(5.0)	<b>0.89</b>	(1.5)	−0.06	(6.0)	0.62	(4.0)	0.88	(3.0)	<b>0.89</b>	(1.5)
SO2T20	0.47	(6.0)	<b>0.97</b>	(1.5)	0.48	(5.0)	0.63	(4.0)	<b>0.97</b>	(1.5)	0.96	(3.0)
SO5T5	0.17	(5.0)	<b>0.8</b>	(1.5)	0.1	(6.0)	0.33	(4.0)	<b>0.8</b>	(1.5)	0.76	(3.0)
SO5T10	0.42	(4.0)	<b>0.66</b>	(1.0)	0.27	(5.0)	0.21	(6.0)	0.65	(2.0)	0.58	(3.0)
SO5T15	0.51	(5.0)	<b>0.9</b>	(1.0)	0.28	(6.0)	0.67	(4.0)	0.88	(2.0)	0.85	(3.0)
SO5T20	0.52	(5.0)	<b>0.95</b>	(2.0)	0.25	(6.0)	0.7	(4.0)	<b>0.95</b>	(2.0)	<b>0.95</b>	(2.0)
SO10T5	0.46	(4.0)	<b>0.63</b>	(1.0)	−0.52	(6.0)	0.17	(5.0)	0.61	(2.5)	0.61	(2.5)
SO10T10	0.47	(4.0)	<b>0.75</b>	(1.0)	0.44	(5.0)	0.3	(6.0)	0.74	(2.0)	0.69	(3.0)
SO10T15	0.5	(5.0)	<b>0.9</b>	(1.0)	0.11	(6.0)	0.51	(4.0)	0.89	(2.0)	0.86	(3.0)
SO10T20	0.56	(5.0)	<b>0.94</b>	(1.0)	0.36	(6.0)	0.73	(4.0)	0.93	(2.5)	0.93	(2.5)
Avg. Rank		(5.0)		(1.2)		(5.4)		(4.6)		(2.0)		(2.7)

Table 24: R2\_DBR  
Datasets: 12, Systems: 6  
CD 1%: 2.6 — CD 5%: 2.2 — CD 10%: 2.0