

dataset	BR		RC		STA		DBR	
RO2T5	<b>0.80</b>	<b>(2.0)</b>	<b>0.80</b>	<b>(2.0)</b>	<b>0.80</b>	<b>(2.0)</b>	0.88	(4.0)
RO2T10	0.77	(4.0)	0.76	(2.5)	0.76	(2.5)	<b>0.75</b>	<b>(1.0)</b>
RO2T15	0.72	(3.0)	<b>0.71</b>	<b>(1.0)</b>	0.72	(3.0)	0.72	(3.0)
RO2T20	0.78	(3.5)	<b>0.77</b>	<b>(1.5)</b>	0.78	(3.5)	<b>0.77</b>	<b>(1.5)</b>
RO5T5	<b>1.16</b>	<b>(2.5)</b>	<b>1.16</b>	<b>(2.5)</b>	<b>1.16</b>	<b>(2.5)</b>	<b>1.16</b>	<b>(2.5)</b>
RO5T10	0.70	(3.0)	<b>0.69</b>	<b>(1.0)</b>	0.70	(3.0)	0.70	(3.0)
RO5T15	<b>0.54</b>	<b>(2.5)</b>	<b>0.54</b>	<b>(2.5)</b>	<b>0.54</b>	<b>(2.5)</b>	<b>0.54</b>	<b>(2.5)</b>
RO5T20	0.85	(3.0)	0.85	(3.0)	<b>0.84</b>	<b>(1.0)</b>	0.85	(3.0)
RO10T5	<b>1.75</b>	<b>(1.5)</b>	1.76	(3.5)	1.76	(3.5)	<b>1.75</b>	<b>(1.5)</b>
RO10T10	<b>0.57</b>	<b>(2.0)</b>	<b>0.57</b>	<b>(2.0)</b>	<b>0.57</b>	<b>(2.0)</b>	0.58	(4.0)
RO10T15	<b>0.64</b>	<b>(1.5)</b>	0.65	(3.5)	<b>0.64</b>	<b>(1.5)</b>	0.65	(3.5)
RO10T20	<b>0.89</b>	<b>(2.5)</b>	<b>0.89</b>	<b>(2.5)</b>	<b>0.89</b>	<b>(2.5)</b>	<b>0.89</b>	<b>(2.5)</b>
Avg. Rank	(2.6)		<b>(2.3)</b>		(2.5)		(2.7)	

Table 1: MAE\_Linear

Datasets: 12, Systems: 4

CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	BR		RC		STA		DBR	
RO2T5	0.69	(3.0)	0.70	(4.0)	<b>0.62</b>	<b>(1.5)</b>	<b>0.62</b>	<b>(1.5)</b>
RO2T10	0.50	(4.0)	0.47	(3.0)	0.31	(2.0)	<b>0.29</b>	<b>(1.0)</b>
RO2T15	0.45	(4.0)	0.40	(3.0)	0.21	(2.0)	<b>0.20</b>	<b>(1.0)</b>
RO2T20	0.45	(4.0)	0.39	(3.0)	<b>0.15</b>	<b>(1.5)</b>	<b>0.15</b>	<b>(1.5)</b>
RO5T5	1.14	(4.0)	1.11	(3.0)	1.08	(2.0)	<b>1.07</b>	<b>(1.0)</b>
RO5T10	0.68	(4.0)	0.65	(3.0)	0.61	(2.0)	<b>0.57</b>	<b>(1.0)</b>
RO5T15	0.52	(4.0)	0.48	(3.0)	0.43	(2.0)	<b>0.39</b>	<b>(1.0)</b>
RO5T20	0.75	(4.0)	0.70	(3.0)	0.62	(2.0)	<b>0.59</b>	<b>(1.0)</b>
RO10T5	1.83	(4.0)	1.75	(2.0)	1.77	(3.0)	<b>1.73</b>	<b>(1.0)</b>
RO10T10	0.61	(3.0)	0.54	(2.0)	0.62	(4.0)	<b>0.51</b>	<b>(1.0)</b>
RO10T15	0.68	(4.0)	0.60	(2.0)	0.67	(3.0)	<b>0.57</b>	<b>(1.0)</b>
RO10T20	0.88	(4.0)	0.83	(3.0)	0.81	(2.0)	<b>0.77</b>	<b>(1.0)</b>
Avg. Rank	(3.8)		(2.8)		(2.2)		<b>(1.1)</b>	

Table 2: MAE\_Quadratic

Datasets: 12, Systems: 4

CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	BR		RC <sub>s+</sub>		RC <sub>s-</sub>		STA <sub>s+</sub>		STA <sub>s-</sub>		DBR <sub>s+</sub>		DBR <sub>s-</sub>	
RO2T5	0.79	(3.0)	0.84	(7.0)	0.82	(5.5)	0.68	(2.0)	0.80	(4.0)	<b>0.67</b>	<b>(1.0)</b>	0.82	(5.5)
RO2T10	0.57	(5.5)	0.56	(3.5)	0.57	(5.5)	0.45	(2.0)	0.56	(3.5)	<b>0.43</b>	<b>(1.0)</b>	0.58	(7.0)
RO2T15	0.51	(5.5)	0.50	(3.0)	0.51	(5.5)	<b>0.33</b>	<b>(1.0)</b>	0.51	(5.5)	0.36	(2.0)	0.51	(5.5)
RO2T20	0.58	(5.5)	0.56	(3.0)	0.58	(5.5)	<b>0.34</b>	<b>(1.0)</b>	0.58	(5.5)	0.40	(2.0)	0.58	(5.5)
RO5T5	<b>1.09</b>	<b>(1.5)</b>	1.13	(6.0)	1.13	(6.0)	1.11	(4.0)	1.10	(3.0)	<b>1.09</b>	<b>(1.5)</b>	1.13	(6.0)
RO5T10	0.65	(4.5)	0.65	(4.5)	0.65	(4.5)	<b>0.60</b>	<b>(1.5)</b>	0.65	(4.5)	<b>0.60</b>	<b>(1.5)</b>	0.66	(7.0)
RO5T15	0.48	(3.5)	0.48	(3.5)	0.49	(5.5)	<b>0.42</b>	<b>(1.0)</b>	0.49	(5.5)	0.44	(2.0)	0.51	(7.0)
RO5T20	0.76	(5.0)	0.75	(3.0)	0.76	(5.0)	<b>0.66</b>	<b>(1.0)</b>	0.76	(5.0)	0.68	(2.0)	0.77	(7.0)
RO10T5	1.75	(2.5)	1.75	(2.5)	1.78	(6.5)	1.76	(4.0)	1.77	(5.0)	<b>1.72</b>	<b>(1.0)</b>	1.78	(6.5)
RO10T10	0.56	(4.0)	0.53	(2.0)	0.58	(6.5)	0.55	(3.0)	0.57	(5.0)	<b>0.51</b>	<b>(1.0)</b>	0.58	(6.5)
RO10T15	0.62	(4.0)	0.60	(2.5)	0.63	(6.0)	0.60	(2.5)	0.63	(6.0)	<b>0.58</b>	<b>(1.0)</b>	0.63	(6.0)
RO10T20	0.86	(4.5)	0.83	(3.0)	0.87	(6.5)	<b>0.80</b>	<b>(1.0)</b>	0.86	(4.5)	0.81	(2.0)	0.87	(6.5)
Avg. Rank	(4.1)		(3.6)		(5.7)		(2.0)		(4.8)		<b>(1.5)</b>		(6.3)	

Table 3: MAE\_Dyadic

Datasets: 12, Systems: 7

CD 1%: 3.0 — CD 5%: 2.6 — CD 10%: 2.4

dataset	BR		RC <sub>s+</sub>		RC <sub>s-</sub>		STA <sub>s+</sub>		STA <sub>s-</sub>		DBR <sub>s+</sub>		DBR <sub>s-</sub>	
RO2T5	0.61	(3.5)	0.63	(7.0)	0.62	(5.5)	0.59	(2.0)	0.61	(3.5)	<b>0.58</b>	<b>(1.0)</b>	0.62	(5.5)
RO2T10	0.41	(4.0)	0.39	(3.0)	0.42	(6.0)	0.20	(2.0)	0.42	(6.0)	<b>0.19</b>	<b>(1.0)</b>	0.42	(6.0)
RO2T15	0.38	(5.5)	0.32	(3.0)	0.38	(5.5)	<b>0.10</b>	<b>(1.5)</b>	0.38	(5.5)	<b>0.10</b>	<b>(1.5)</b>	0.38	(5.5)
RO2T20	0.41	(4.5)	0.36	(3.0)	0.41	(4.5)	<b>0.07</b>	<b>(1.0)</b>	0.42	(6.5)	0.08	(2.0)	0.42	(6.5)
RO5T5	1.08	(3.0)	1.09	(4.0)	1.10	(5.5)	1.07	(2.0)	1.10	(5.5)	<b>1.06</b>	<b>(1.0)</b>	1.11	(7.0)
RO5T10	0.60	(4.0)	0.59	(3.0)	0.61	(5.5)	0.56	(2.0)	0.61	(5.5)	<b>0.54</b>	<b>(1.0)</b>	0.62	(7.0)
RO5T15	0.44	(4.0)	0.42	(3.0)	0.46	(6.0)	0.36	(2.0)	0.46	(6.0)	<b>0.34</b>	<b>(1.0)</b>	0.46	(6.0)
RO5T20	0.71	(4.0)	0.67	(3.0)	0.72	(6.0)	0.57	(2.0)	0.72	(6.0)	<b>0.56</b>	<b>(1.0)</b>	0.72	(6.0)
RO10T5	1.75	(3.0)	1.73	(2.0)	1.79	(6.5)	1.77	(4.0)	1.78	(5.0)	<b>1.71</b>	<b>(1.0)</b>	1.79	(6.5)
RO10T10	0.54	(3.0)	0.50	(2.0)	0.57	(6.5)	0.55	(4.0)	0.56	(5.0)	<b>0.48</b>	<b>(1.0)</b>	0.57	(6.5)
RO10T15	0.62	(4.0)	0.58	(2.0)	0.64	(6.5)	0.61	(3.0)	0.63	(5.0)	<b>0.55</b>	<b>(1.0)</b>	0.64	(6.5)
RO10T20	0.84	(5.5)	0.79	(3.0)	0.84	(5.5)	0.78	(2.0)	0.84	(5.5)	<b>0.75</b>	<b>(1.0)</b>	0.84	(5.5)
Avg. Rank	(4.0)		(3.2)		(5.8)		(2.3)		(5.4)		<b>(1.1)</b>		(6.2)	

Table 4: MAE\_DSIL

Datasets: 12, Systems: 7

CD 1%: 3.0 — CD 5%: 2.6 — CD 10%: 2.4

dataset	BR		RC		STA		DBR	
RO2T5	1.40	(2.5)	<b>1.39</b>	(1.0)	1.40	(2.5)	1.77	(4.0)
RO2T10	1.33	(4.0)	1.31	(2.0)	1.32	(3.0)	<b>1.29</b>	(1.0)
RO2T15	1.00	(4.0)	<b>0.99</b>	(2.0)	<b>0.99</b>	(2.0)	<b>0.99</b>	(2.0)
RO2T20	1.35	(3.5)	<b>1.34</b>	(1.5)	1.35	(3.5)	<b>1.34</b>	(1.5)
RO5T5	7.96	(3.0)	7.96	(3.0)	7.96	(3.0)	<b>7.95</b>	(1.0)
RO5T10	7.90	(3.5)	<b>7.88</b>	(1.5)	7.90	(3.5)	<b>7.88</b>	(1.5)
RO5T15	0.82	(3.0)	<b>0.81</b>	(1.0)	0.82	(3.0)	0.82	(3.0)
RO5T20	<b>4.51</b>	(2.5)	<b>4.51</b>	(2.5)	<b>4.51</b>	(2.5)	<b>4.51</b>	(2.5)
RO10T5	112.68	(2.0)	112.71	(4.0)	112.69	(3.0)	<b>112.67</b>	(1.0)
RO10T10	2.09	(3.0)	<b>2.08</b>	(1.0)	2.09	(3.0)	2.09	(3.0)
RO10T15	<b>5.87</b>	(2.5)	<b>5.87</b>	(2.5)	<b>5.87</b>	(2.5)	<b>5.87</b>	(2.5)
RO10T20	<b>9.61</b>	(2.5)	<b>9.61</b>	(2.5)	<b>9.61</b>	(2.5)	<b>9.61</b>	(2.5)
Avg. Rank	(3.0)		(2.0)		(2.8)		(2.1)	

Table 5: MSE\_Linear

Datasets: 12, Systems: 4

CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	BR		RC		STA		DBR	
RO2T5	1.22	(4.0)	1.19	(3.0)	0.98	(2.0)	<b>0.96</b>	(1.0)
RO2T10	0.96	(4.0)	0.69	(3.0)	0.23	(2.0)	<b>0.21</b>	(1.0)
RO2T15	0.59	(4.0)	0.44	(3.0)	0.10	(2.0)	<b>0.09</b>	(1.0)
RO2T20	0.86	(4.0)	0.74	(3.0)	<b>0.06</b>	(1.5)	<b>0.06</b>	(1.5)
RO5T5	7.76	(4.0)	7.67	(3.0)	<b>7.54</b>	(1.0)	7.56	(2.0)
RO5T10	7.77	(4.0)	7.76	(3.0)	7.46	(2.0)	<b>7.45</b>	(1.0)
RO5T15	0.83	(4.0)	0.79	(3.0)	0.65	(2.0)	<b>0.55</b>	(1.0)
RO5T20	4.22	(4.0)	4.20	(3.0)	3.83	(2.0)	<b>3.74</b>	(1.0)
RO10T5	112.41	(3.0)	112.29	(2.0)	<b>112.10</b>	(1.0)	112.70	(4.0)
RO10T10	2.15	(3.0)	2.07	(2.0)	2.33	(4.0)	<b>1.99</b>	(1.0)
RO10T15	5.89	(3.0)	<b>5.77</b>	(1.0)	6.01	(4.0)	5.82	(2.0)
RO10T20	9.30	(4.0)	9.09	(3.0)	<b>8.49</b>	(1.0)	8.92	(2.0)
Avg. Rank	(3.8)		(2.7)		(2.0)		(1.5)	

Table 6: MSE\_Quadratic

Datasets: 12, Systems: 4

CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	BR		RC <sub>s+</sub>		RC <sub>s-</sub>		STA <sub>s+</sub>		STA <sub>s-</sub>		DBR <sub>s+</sub>		DBR <sub>s-</sub>	
RO2T5	1.66	(3.0)	1.71	(5.0)	1.73	(6.0)	1.12	(2.0)	1.69	(4.0)	<b>1.08</b>	(1.0)	1.81	(7.0)
RO2T10	1.00	(4.0)	0.77	(3.0)	1.01	(5.5)	0.58	(2.0)	1.01	(5.5)	<b>0.37</b>	(1.0)	1.04	(7.0)
RO2T15	0.64	(4.0)	0.55	(3.0)	0.65	(5.5)	<b>0.24</b>	(1.0)	0.65	(5.5)	0.27	(2.0)	0.66	(7.0)
RO2T20	1.02	(4.5)	0.94	(3.0)	1.02	(4.5)	<b>0.23</b>	(1.0)	1.04	(6.5)	0.31	(2.0)	1.04	(6.5)
RO5T5	7.74	(3.0)	7.82	(6.5)	7.82	(6.5)	7.67	(2.0)	7.75	(4.5)	<b>7.58</b>	(1.0)	7.75	(4.5)
RO5T10	7.81	(4.0)	7.83	(6.5)	7.81	(4.0)	<b>7.64</b>	(1.0)	7.81	(4.0)	7.66	(2.0)	7.83	(6.5)
RO5T15	0.74	(3.5)	0.74	(3.5)	0.78	(6.0)	<b>0.58</b>	(1.0)	0.76	(5.0)	0.63	(2.0)	0.81	(7.0)
RO5T20	4.33	(3.5)	4.37	(7.0)	4.34	(5.5)	4.11	(2.0)	4.33	(3.5)	<b>4.02</b>	(1.0)	4.34	(5.5)
RO10T5	112.49	(4.0)	112.50	(5.0)	112.39	(2.0)	112.52	(6.0)	112.44	(3.0)	112.79	(7.0)	<b>112.36</b>	(1.0)
RO10T10	2.08	(3.0)	2.07	(2.0)	2.13	(7.0)	2.12	(6.0)	2.09	(4.0)	<b>2.01</b>	(1.0)	2.11	(5.0)
RO10T15	5.85	(5.0)	<b>5.82</b>	(1.0)	5.84	(2.5)	5.85	(5.0)	5.86	(7.0)	5.84	(2.5)	5.85	(5.0)
RO10T20	9.52	(6.0)	9.27	(2.0)	9.54	(7.0)	<b>9.04</b>	(1.0)	9.51	(5.0)	9.34	(3.0)	9.50	(4.0)
Avg. Rank	(4.0)		(4.0)		(5.2)		(2.5)		(4.8)		(2.1)		(5.5)	

Table 7: MSE\_Dyadic

Datasets: 12, Systems: 7

CD 1%: 3.0 — CD 5%: 2.6 — CD 10%: 2.4

dataset	BR		RC <sub>s+</sub>		RC <sub>s-</sub>		STA <sub>s+</sub>		STA <sub>s-</sub>		DBR <sub>s+</sub>		DBR <sub>s-</sub>	
RO2T5	1.08	(4.5)	1.07	(3.0)	1.08	(4.5)	0.94	(2.0)	1.09	(6.5)	<b>0.90</b>	(1.0)	1.09	(6.5)
RO2T10	0.88	(4.5)	0.56	(3.0)	0.88	(4.5)	<b>0.11</b>	(1.5)	0.91	(7.0)	<b>0.11</b>	(1.5)	0.90	(6.0)
RO2T15	0.54	(5.0)	0.38	(3.0)	0.54	(5.0)	<b>0.02</b>	(1.5)	0.55	(7.0)	<b>0.02</b>	(1.5)	0.54	(5.0)
RO2T20	0.87	(4.5)	0.75	(3.0)	0.87	(4.5)	<b>0.01</b>	(1.0)	0.90	(7.0)	0.02	(2.0)	0.89	(6.0)
RO5T5	7.70	(4.0)	7.69	(3.0)	7.72	(7.0)	<b>7.53</b>	(1.0)	7.71	(5.5)	7.57	(2.0)	7.71	(5.5)
RO5T10	7.72	(4.0)	7.68	(3.0)	7.73	(6.0)	<b>7.36</b>	(1.0)	7.73	(6.0)	7.45	(2.0)	7.73	(6.0)
RO5T15	0.72	(4.0)	0.69	(3.0)	0.75	(5.0)	0.55	(2.0)	0.76	(6.0)	<b>0.47</b>	(1.0)	0.77	(7.0)
RO5T20	4.28	(4.0)	4.26	(3.0)	4.29	(5.5)	4.05	(2.0)	4.29	(5.5)	<b>3.87</b>	(1.0)	4.32	(7.0)
RO10T5	112.44	(5.0)	112.40	(2.0)	112.41	(3.0)	112.72	(7.0)	<b>112.37</b>	(1.0)	112.65	(6.0)	112.43	(4.0)
RO10T10	2.05	(3.0)	2.02	(2.0)	2.10	(5.0)	2.16	(7.0)	2.08	(4.0)	<b>1.96</b>	(1.0)	2.11	(6.0)
RO10T15	5.82	(3.0)	<b>5.78</b>	(1.0)	5.83	(4.0)	5.90	(7.0)	5.84	(5.5)	5.80	(2.0)	5.84	(5.5)
RO10T20	9.41	(7.0)	9.12	(3.0)	9.40	(6.0)	<b>8.79</b>	(1.0)	9.38	(5.0)	9.10	(2.0)	9.37	(4.0)
Avg. Rank	(4.4)		(2.7)		(5.0)		(2.8)		(5.5)		(1.9)		(5.7)	

Table 8: MSE\_DSIL

Datasets: 12, Systems: 7

CD 1%: 3.0 — CD 5%: 2.6 — CD 10%: 2.4

dataset	BR		RC		STA		DBR	
RO2T5	110.57	(2.0)	<b>110.28</b>	(1.0)	110.76	(3.0)	120.26	(4.0)
RO2T10	107.34	(4.0)	106.78	(2.0)	107.14	(3.0)	<b>105.69</b>	(1.0)
RO2T15	97.81	(4.0)	<b>97.37</b>	(1.0)	97.49	(3.0)	97.48	(2.0)
RO2T20	110.28	(4.0)	109.75	(2.0)	110.19	(3.0)	<b>109.67</b>	(1.0)
RO5T5	190.25	(3.0)	<b>190.20</b>	(1.0)	190.29	(4.0)	190.23	(2.0)
RO5T10	136.95	(3.0)	<b>136.02</b>	(1.0)	137.30	(4.0)	136.22	(2.0)
RO5T15	83.62	(3.0)	<b>83.32</b>	(1.0)	83.70	(4.0)	83.59	(2.0)
RO5T20	154.84	(2.0)	154.88	(3.0)	<b>154.76</b>	(1.0)	155.07	(4.0)
RO10T5	404.41	(4.0)	404.34	(2.0)	404.40	(3.0)	<b>403.80</b>	(1.0)
RO10T10	103.73	(2.0)	<b>103.52</b>	(1.0)	103.83	(3.0)	103.92	(4.0)
RO10T15	<b>115.32</b>	(1.0)	115.70	(4.0)	115.37	(2.0)	115.42	(3.0)
RO10T20	197.52	(4.0)	<b>197.49</b>	(2.0)	<b>197.49</b>	(2.0)	<b>197.49</b>	(2.0)
Avg. Rank	(3.0)		(1.8)		(2.9)		(2.3)	

Table 9: RMSE\_Linear

Datasets: 12, Systems: 4

CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	BR		RC		STA		DBR	
RO2T5	95.29	(3.0)	95.48	(4.0)	86.16	(2.0)	<b>84.81</b>	(1.0)
RO2T10	76.90	(4.0)	70.84	(3.0)	43.62	(2.0)	<b>42.09</b>	(1.0)
RO2T15	63.53	(4.0)	55.90	(3.0)	29.81	(2.0)	<b>28.22</b>	(1.0)
RO2T20	67.05	(4.0)	58.24	(3.0)	21.72	(2.0)	<b>21.38</b>	(1.0)
RO5T5	185.09	(4.0)	181.72	(3.0)	178.21	(2.0)	<b>177.66</b>	(1.0)
RO5T10	130.64	(4.0)	127.50	(3.0)	121.77	(2.0)	<b>117.53</b>	(1.0)
RO5T15	78.77	(4.0)	75.75	(3.0)	69.52	(2.0)	<b>63.42</b>	(1.0)
RO5T20	135.77	(4.0)	129.82	(3.0)	115.53	(2.0)	<b>114.62</b>	(1.0)
RO10T5	406.99	(4.0)	400.01	(3.0)	399.27	(2.0)	<b>399.02</b>	(1.0)
RO10T10	104.80	(3.0)	98.00	(2.0)	107.59	(4.0)	<b>95.69</b>	(1.0)
RO10T15	116.15	(4.0)	107.92	(2.0)	115.58	(3.0)	<b>104.68</b>	(1.0)
RO10T20	188.56	(4.0)	182.58	(3.0)	<b>171.39</b>	(1.0)	176.06	(2.0)
Avg. Rank	(3.8)		(2.9)		(2.2)		(1.1)	

Table 10: RMSE\_Quadratic

Datasets: 12, Systems: 4

CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	BR		RC <sub>s+</sub>		RC <sub>s-</sub>		STA <sub>s+</sub>		STA <sub>s-</sub>		DBR <sub>s+</sub>		DBR <sub>s-</sub>	
RO2T5	109.62	(3.0)	115.86	(7.0)	113.47	(5.0)	94.25	(2.0)	110.87	(4.0)	<b>91.67</b>	(1.0)	113.90	(6.0)
RO2T10	83.85	(4.0)	80.97	(3.0)	85.06	(6.0)	64.85	(2.0)	83.88	(5.0)	<b>57.65</b>	(1.0)	86.49	(7.0)
RO2T15	71.27	(4.0)	68.83	(3.0)	72.04	(6.0)	<b>45.82</b>	(1.0)	71.73	(5.0)	48.43	(2.0)	72.70	(7.0)
RO2T20	84.40	(5.0)	80.58	(3.0)	84.19	(4.0)	<b>45.64</b>	(1.0)	84.97	(7.0)	52.31	(2.0)	84.56	(6.0)
RO5T5	180.48	(2.0)	186.05	(7.0)	185.59	(6.0)	183.75	(4.0)	181.10	(3.0)	<b>180.08</b>	(1.0)	185.26	(5.0)
RO5T10	128.58	(3.0)	128.96	(5.0)	129.17	(6.0)	<b>122.08</b>	(1.0)	128.83	(4.0)	122.53	(2.0)	130.44	(7.0)
RO5T15	75.09	(3.0)	76.66	(5.0)	77.02	(6.0)	<b>67.26</b>	(1.0)	75.79	(4.0)	71.06	(2.0)	78.50	(7.0)
RO5T20	141.80	(4.0)	141.05	(3.0)	142.47	(6.0)	<b>125.43</b>	(1.0)	141.93	(5.0)	130.55	(2.0)	142.71	(7.0)
RO10T5	402.90	(4.0)	401.96	(3.0)	404.43	(7.0)	<b>399.55</b>	(1.0)	404.42	(6.0)	399.77	(2.0)	403.76	(5.0)
RO10T10	101.11	(4.0)	98.76	(2.0)	103.39	(7.0)	99.66	(3.0)	101.99	(5.0)	<b>96.89</b>	(1.0)	102.87	(6.0)
RO10T15	111.21	(4.0)	108.61	(3.0)	112.21	(6.0)	107.77	(2.0)	111.75	(5.0)	<b>106.30</b>	(1.0)	112.25	(7.0)
RO10T20	192.72	(4.0)	186.64	(3.0)	193.12	(7.0)	<b>180.08</b>	(1.0)	192.74	(5.0)	186.24	(2.0)	192.85	(6.0)
Avg. Rank	(3.7)		(3.9)		(6.0)		(1.7)		(4.8)		(1.6)		(6.3)	

Table 11: RMSE\_Dyadic

Datasets: 12, Systems: 7

CD 1%: 3.0 — CD 5%: 2.6 — CD 10%: 2.4

dataset	BR		RC <sub>s+</sub>		RC <sub>s-</sub>		STA <sub>s+</sub>		STA <sub>s-</sub>		DBR <sub>s+</sub>		DBR <sub>s-</sub>	
RO2T5	86.23	(3.0)	88.25	(7.0)	86.69	(5.0)	83.18	(2.0)	86.31	(4.0)	<b>80.51</b>	(1.0)	87.24	(6.0)
RO2T10	65.56	(4.0)	58.03	(3.0)	65.95	(5.0)	28.04	(2.0)	66.98	(7.0)	<b>27.46</b>	(1.0)	66.90	(6.0)
RO2T15	53.69	(4.0)	45.16	(3.0)	53.90	(5.0)	14.55	(2.0)	54.50	(7.0)	<b>13.63</b>	(1.0)	54.16	(6.0)
RO2T20	62.85	(4.0)	54.22	(3.0)	63.17	(5.0)	<b>10.34</b>	(1.0)	63.61	(6.5)	11.35	(2.0)	63.61	(6.5)
RO5T5	179.94	(3.0)	180.34	(4.0)	181.47	(6.0)	177.44	(2.0)	180.84	(5.0)	<b>177.12</b>	(1.0)	182.04	(7.0)
RO5T10	122.11	(4.0)	121.00	(3.0)	123.11	(5.0)	115.86	(2.0)	123.20	(6.0)	<b>113.93</b>	(1.0)	123.59	(7.0)
RO5T15	69.71	(4.0)	68.24	(3.0)	71.26	(5.0)	60.09	(2.0)	71.49	(6.0)	<b>56.43</b>	(1.0)	71.99	(7.0)
RO5T20	133.93	(4.0)	128.29	(3.0)	134.56	(6.0)	<b>112.29</b>	(1.0)	134.25	(5.0)	113.49	(2.0)	135.39	(7.0)
RO10T5	400.82	(3.0)	399.16	(2.0)	403.38	(7.0)	401.45	(4.0)	402.82	(5.0)	<b>398.26</b>	(1.0)	403.21	(6.0)
RO10T10	98.29	(3.0)	94.56	(2.0)	100.79	(6.0)	99.01	(4.0)	99.76	(5.0)	<b>93.15</b>	(1.0)	100.82	(7.0)
RO10T15	110.19	(4.0)	105.76	(2.0)	111.86	(7.0)	108.74	(3.0)	111.29	(5.0)	<b>101.86</b>	(1.0)	111.45	(6.0)
RO10T20	188.37	(7.0)	179.43	(3.0)	187.97	(5.5)	<b>173.25</b>	(1.0)	187.97	(5.5)	176.66	(2.0)	187.78	(4.0)
Avg. Rank	(3.9)		(3.2)		(5.6)		(2.2)		(5.6)		(1.2)		(6.3)	

Table 12: RMSE\_DSIL

Datasets: 12, Systems: 7

CD 1%: 3.0 — CD 5%: 2.6 — CD 10%: 2.4

dataset	BR		RC		STA		DBR	
RO2T5	99.96	(2.0)	<b>99.58</b>	(1.0)	100.12	(3.0)	110.34	(4.0)
RO2T10	100.34	(4.0)	99.78	(2.0)	100.13	(3.0)	<b>98.61</b>	(1.0)
RO2T15	101.41	(4.0)	<b>101.08</b>	(1.0)	101.18	(2.0)	101.20	(3.0)
RO2T20	96.46	(4.0)	<b>95.93</b>	(1.5)	96.36	(3.0)	<b>95.93</b>	(1.5)
RO5T5	<b>101.22</b>	(1.0)	101.60	(4.0)	101.26	(2.0)	101.59	(3.0)
RO5T10	101.50	(3.0)	<b>100.53</b>	(1.0)	101.87	(4.0)	100.86	(2.0)
RO5T15	102.12	(2.0)	<b>101.77</b>	(1.0)	102.31	(4.0)	102.21	(3.0)
RO5T20	99.28	(2.0)	99.33	(3.0)	<b>99.22</b>	(1.0)	99.62	(4.0)
RO10T5	<b>107.81</b>	(1.0)	108.52	(4.0)	108.18	(2.0)	108.37	(3.0)
RO10T10	<b>106.22</b>	(1.0)	106.66	(3.0)	106.54	(2.0)	106.76	(4.0)
RO10T15	<b>110.99</b>	(1.0)	114.25	(4.0)	111.37	(2.0)	112.52	(3.0)
RO10T20	100.05	(4.0)	<b>100.01</b>	(1.0)	100.04	(2.5)	100.04	(2.5)
Avg. Rank	(2.4)		<b>(2.2)</b>		(2.5)		(2.8)	

Table 13: RRMSE\_Linear

Datasets: 12, Systems: 4

CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	BR		RC		STA		DBR	
RO2T5	85.30	(4.0)	84.73	(3.0)	75.21	(2.0)	<b>73.96</b>	(1.0)
RO2T10	71.71	(4.0)	70.60	(3.0)	40.56	(2.0)	<b>39.29</b>	(1.0)
RO2T15	67.12	(4.0)	61.11	(3.0)	30.53	(2.0)	<b>28.81</b>	(1.0)
RO2T20	55.13	(4.0)	48.02	(3.0)	18.24	(2.0)	<b>18.04</b>	(1.0)
RO5T5	106.79	(4.0)	99.00	(3.0)	98.22	(2.0)	<b>94.65</b>	(1.0)
RO5T10	103.10	(4.0)	95.51	(3.0)	90.62	(2.0)	<b>81.61</b>	(1.0)
RO5T15	105.02	(3.0)	100.17	(2.0)	108.81	(4.0)	<b>84.42</b>	(1.0)
RO5T20	83.78	(4.0)	78.28	(3.0)	67.43	(2.0)	<b>64.40</b>	(1.0)
RO10T5	126.75	(4.0)	113.28	(2.0)	117.05	(3.0)	<b>107.67</b>	(1.0)
RO10T10	128.12	(3.0)	106.89	(2.0)	151.63	(4.0)	<b>102.67</b>	(1.0)
RO10T15	148.50	(3.0)	115.89	(2.0)	162.03	(4.0)	<b>104.86</b>	(1.0)
RO10T20	94.41	(4.0)	89.40	(3.0)	85.70	(2.0)	<b>83.28</b>	(1.0)
Avg. Rank	(3.8)		(2.7)		(2.6)		<b>(1.0)</b>	

Table 14: RRMSE\_Quadratic

Datasets: 12, Systems: 4

CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	BR		RC <sub>+</sub>		RC <sub>-</sub>		STA <sub>+</sub>		STA <sub>-</sub>		DBR <sub>+</sub>		DBR <sub>-</sub>	
RO2T5	101.39	(3.0)	106.31	(7.0)	103.75	(5.0)	83.59	(2.0)	102.23	(4.0)	<b>80.70</b>	(1.0)	104.15	(6.0)
RO2T10	77.59	(3.0)	79.65	(6.0)	78.76	(5.0)	59.02	(2.0)	77.70	(4.0)	<b>56.00</b>	(1.0)	80.37	(7.0)
RO2T15	74.83	(4.0)	73.57	(3.0)	75.56	(6.0)	<b>47.01</b>	(1.0)	75.36	(5.0)	49.24	(2.0)	76.33	(7.0)
RO2T20	71.39	(6.0)	68.66	(3.0)	71.15	(4.0)	<b>40.20</b>	(1.0)	71.77	(7.0)	46.43	(2.0)	71.36	(5.0)
RO5T5	95.44	(2.0)	99.81	(4.0)	101.59	(5.0)	104.47	(7.0)	97.38	(3.0)	<b>94.59</b>	(1.0)	102.76	(6.0)
RO5T10	94.66	(4.0)	93.62	(3.0)	96.03	(6.0)	86.28	(2.0)	95.89	(5.0)	<b>85.09</b>	(1.0)	97.82	(7.0)
RO5T15	92.89	(3.0)	95.16	(5.0)	95.27	(6.0)	89.66	(2.0)	93.91	(4.0)	<b>88.87</b>	(1.0)	97.59	(7.0)
RO5T20	87.82	(4.0)	86.79	(3.0)	88.67	(6.0)	<b>72.97</b>	(1.0)	88.06	(5.0)	78.08	(2.0)	89.40	(7.0)
RO10T5	106.85	(3.0)	104.66	(2.0)	114.11	(7.0)	108.02	(4.0)	109.74	(5.0)	<b>103.29</b>	(1.0)	111.01	(6.0)
RO10T10	107.11	(3.0)	100.39	(2.0)	112.85	(6.0)	115.52	(7.0)	109.05	(4.0)	<b>97.53</b>	(1.0)	111.77	(5.0)
RO10T15	110.64	(3.0)	105.93	(2.0)	115.18	(5.0)	119.52	(7.0)	111.94	(4.0)	<b>100.81</b>	(1.0)	115.40	(6.0)
RO10T20	95.68	(4.0)	91.96	(3.0)	96.10	(6.0)	<b>86.99</b>	(1.0)	95.82	(5.0)	90.02	(2.0)	96.32	(7.0)
Avg. Rank	(3.5)		(3.6)		(5.6)		(3.1)		(4.6)		<b>(1.3)</b>		(6.3)	

Table 15: RRMSE\_Dyadic

Datasets: 12, Systems: 7

CD 1%: 3.0 — CD 5%: 2.6 — CD 10%: 2.4

dataset	BR		RC <sub>+</sub>		RC <sub>-</sub>		STA <sub>+</sub>		STA <sub>-</sub>		DBR <sub>+</sub>		DBR <sub>-</sub>	
RO2T5	75.88	(3.0)	76.96	(7.0)	76.31	(5.0)	72.13	(2.0)	76.04	(4.0)	<b>69.42</b>	(1.0)	76.79	(6.0)
RO2T10	60.09	(4.0)	58.29	(3.0)	60.46	(5.0)	25.28	(2.0)	61.70	(7.0)	<b>25.03</b>	(1.0)	61.54	(6.0)
RO2T15	57.09	(4.0)	50.32	(3.0)	57.30	(5.0)	15.22	(2.0)	58.05	(7.0)	<b>14.22</b>	(1.0)	57.64	(6.0)
RO2T20	51.36	(4.0)	44.48	(3.0)	51.65	(5.0)	<b>9.05</b>	(1.0)	51.88	(6.0)	9.78	(2.0)	51.94	(7.0)
RO5T5	96.17	(3.0)	94.99	(2.0)	99.87	(6.0)	97.58	(4.0)	98.66	(5.0)	<b>91.88</b>	(1.0)	101.38	(7.0)
RO5T10	87.89	(4.0)	85.40	(3.0)	89.50	(5.0)	82.10	(2.0)	90.16	(6.0)	<b>76.53</b>	(1.0)	90.55	(7.0)
RO5T15	91.15	(3.0)	89.70	(2.0)	93.58	(5.0)	91.84	(4.0)	93.98	(6.0)	<b>75.70</b>	(1.0)	94.75	(7.0)
RO5T20	80.77	(4.0)	75.82	(3.0)	81.52	(6.0)	<b>61.23</b>	(1.0)	81.32	(5.0)	62.08	(2.0)	82.59	(7.0)
RO10T5	110.54	(3.0)	107.48	(2.0)	115.70	(4.0)	120.97	(7.0)	117.76	(5.0)	<b>103.18</b>	(1.0)	118.18	(6.0)
RO10T10	109.63	(3.0)	99.06	(2.0)	119.77	(5.0)	133.82	(7.0)	113.81	(4.0)	<b>96.07</b>	(1.0)	120.29	(6.0)
RO10T15	119.27	(3.0)	105.39	(2.0)	128.97	(6.0)	140.14	(7.0)	123.18	(4.0)	<b>96.92</b>	(1.0)	127.64	(5.0)
RO10T20	92.50	(6.5)	86.15	(3.0)	92.26	(4.0)	82.86	(2.0)	92.39	(5.0)	<b>82.34</b>	(1.0)	92.50	(6.5)
Avg. Rank	(3.7)		(2.9)		(5.1)		(3.4)		(5.3)		<b>(1.2)</b>		(6.4)	

Table 16: RRMSE\_DSIL

Datasets: 12, Systems: 7

CD 1%: 3.0 — CD 5%: 2.6 — CD 10%: 2.4

dataset	BR		RC		STA		DBR	
RO2T5	34.97	(2.0)	<b>34.87</b>	(1.0)	35.03	(3.0)	38.03	(4.0)
RO2T10	33.94	(4.0)	33.77	(2.0)	33.88	(3.0)	<b>33.42</b>	(1.0)
RO2T15	30.93	(4.0)	<b>30.79</b>	(1.0)	30.83	(2.5)	30.83	(2.5)
RO2T20	34.87	(4.0)	34.71	(2.0)	34.84	(3.0)	<b>34.68</b>	(1.0)
RO5T5	60.16	(2.5)	<b>60.15</b>	(1.0)	60.17	(4.0)	60.16	(2.5)
RO5T10	43.31	(3.0)	<b>43.01</b>	(1.0)	43.42	(4.0)	43.08	(2.0)
RO5T15	26.44	(3.0)	<b>26.35</b>	(1.0)	26.47	(4.0)	26.43	(2.0)
RO5T20	48.97	(2.0)	48.98	(3.0)	<b>48.94</b>	(1.0)	49.04	(4.0)
RO10T5	127.89	(4.0)	127.86	(2.0)	127.88	(3.0)	<b>127.69</b>	(1.0)
RO10T10	32.80	(2.0)	<b>32.74</b>	(1.0)	32.83	(3.0)	32.86	(4.0)
RO10T15	<b>36.47</b>	(1.0)	36.59	(4.0)	36.48	(2.0)	36.50	(3.0)
RO10T20	62.46	(4.0)	<b>62.45</b>	(2.0)	<b>62.45</b>	(2.0)	<b>62.45</b>	(2.0)
Avg. Rank	(3.0)		(1.8)		(2.9)		(2.4)	

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

dataset	BR		RC		STA		DBR	
RO2T5	30.13	(3.0)	30.19	(4.0)	27.25	(2.0)	<b>26.82</b>	(1.0)
RO2T10	24.32	(4.0)	22.40	(3.0)	13.79	(2.0)	<b>13.31</b>	(1.0)
RO2T15	20.09	(4.0)	17.68	(3.0)	9.43	(2.0)	<b>8.93</b>	(1.0)
RO2T20	21.20	(4.0)	18.42	(3.0)	6.87	(2.0)	<b>6.76</b>	(1.0)
RO5T5	58.53	(4.0)	57.46	(3.0)	56.35	(2.0)	<b>56.18</b>	(1.0)
RO5T10	41.31	(4.0)	40.32	(3.0)	38.51	(2.0)	<b>37.17</b>	(1.0)
RO5T15	24.91	(4.0)	23.96	(3.0)	21.98	(2.0)	<b>20.05</b>	(1.0)
RO5T20	42.93	(4.0)	41.05	(3.0)	36.53	(2.0)	<b>36.25</b>	(1.0)
RO10T5	128.70	(4.0)	126.49	(3.0)	126.26	(2.0)	<b>126.18</b>	(1.0)
RO10T10	33.14	(3.0)	30.99	(2.0)	34.02	(4.0)	<b>30.26</b>	(1.0)
RO10T15	36.73	(4.0)	34.13	(2.0)	36.55	(3.0)	<b>33.10</b>	(1.0)
RO10T20	59.63	(4.0)	57.74	(3.0)	<b>54.20</b>	(1.0)	55.67	(2.0)
Avg. Rank	(3.8)		(2.9)		(2.2)		(1.1)	

Table 18: ED\_Quadratic  
Datasets: 12, Systems: 4  
CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	BR		RC <sub>s+</sub>		RC <sub>s-</sub>		STA <sub>s+</sub>		STA <sub>s-</sub>		DBR <sub>s+</sub>		DBR <sub>s-</sub>	
RO2T5	34.67	(3.0)	36.64	(7.0)	35.88	(5.0)	29.81	(2.0)	35.06	(4.0)	<b>28.99</b>	(1.0)	36.02	(6.0)
RO2T10	26.52	(4.0)	25.61	(3.0)	26.90	(6.0)	20.51	(2.0)	26.53	(5.0)	<b>18.23</b>	(1.0)	27.35	(7.0)
RO2T15	22.54	(4.0)	21.77	(3.0)	22.78	(6.0)	<b>14.49</b>	(1.0)	22.68	(5.0)	15.31	(2.0)	22.99	(7.0)
RO2T20	26.69	(5.0)	25.48	(3.0)	26.62	(4.0)	<b>14.43</b>	(1.0)	26.87	(7.0)	16.54	(2.0)	26.74	(6.0)
RO5T5	57.07	(2.0)	58.83	(7.0)	58.69	(6.0)	58.11	(4.0)	57.27	(3.0)	<b>56.95</b>	(1.0)	58.58	(5.0)
RO5T10	40.66	(3.0)	40.78	(5.0)	40.85	(6.0)	<b>38.61</b>	(1.0)	40.74	(4.0)	38.75	(2.0)	41.25	(7.0)
RO5T15	23.75	(3.0)	24.24	(5.0)	24.36	(6.0)	<b>21.27</b>	(1.0)	23.97	(4.0)	22.47	(2.0)	24.82	(7.0)
RO5T20	44.84	(4.0)	44.60	(3.0)	45.05	(6.0)	<b>39.66</b>	(1.0)	44.88	(5.0)	41.28	(2.0)	45.13	(7.0)
RO10T5	127.41	(4.0)	127.11	(3.0)	127.89	(6.5)	<b>126.35</b>	(1.0)	127.89	(6.5)	126.42	(2.0)	127.68	(5.0)
RO10T10	31.97	(4.0)	31.23	(2.0)	32.70	(7.0)	31.51	(3.0)	32.25	(5.0)	<b>30.64</b>	(1.0)	32.53	(6.0)
RO10T15	35.17	(4.0)	34.35	(3.0)	35.48	(6.0)	34.08	(2.0)	35.34	(5.0)	<b>33.62</b>	(1.0)	35.50	(7.0)
RO10T20	60.94	(4.0)	59.02	(3.0)	61.07	(7.0)	<b>56.95</b>	(1.0)	60.95	(5.0)	58.89	(2.0)	60.98	(6.0)
Avg. Rank	(3.7)		(3.9)		(6.0)		(1.7)		(4.9)		(1.6)		(6.3)	

Table 19: ED\_Dyadic  
Datasets: 12, Systems: 7  
CD 1%: 3.0 — CD 5%: 2.6 — CD 10%: 2.4

dataset	BR		RC <sub>s+</sub>		RC <sub>s-</sub>		STA <sub>s+</sub>		STA <sub>s-</sub>		DBR <sub>s+</sub>		DBR <sub>s-</sub>	
RO2T5	27.27	(3.0)	27.91	(7.0)	27.41	(5.0)	26.30	(2.0)	27.29	(4.0)	<b>25.46</b>	(1.0)	27.59	(6.0)
RO2T10	20.73	(4.0)	18.35	(3.0)	20.85	(5.0)	8.87	(2.0)	21.18	(7.0)	<b>8.68</b>	(1.0)	21.15	(6.0)
RO2T15	16.98	(4.0)	14.28	(3.0)	17.05	(5.0)	4.60	(2.0)	17.23	(7.0)	<b>4.31</b>	(1.0)	17.13	(6.0)
RO2T20	19.87	(4.0)	17.15	(3.0)	19.98	(5.0)	<b>3.27</b>	(1.0)	20.11	(6.0)	3.59	(2.0)	20.12	(7.0)
RO5T5	56.90	(3.0)	57.03	(4.0)	57.39	(6.0)	56.11	(2.0)	57.19	(5.0)	<b>56.01</b>	(1.0)	57.57	(7.0)
RO5T10	38.61	(4.0)	38.26	(3.0)	38.93	(5.0)	36.64	(2.0)	38.96	(6.0)	<b>36.03</b>	(1.0)	39.08	(7.0)
RO5T15	22.04	(4.0)	21.58	(3.0)	22.53	(5.0)	19.00	(2.0)	22.61	(6.0)	<b>17.85</b>	(1.0)	22.77	(7.0)
RO5T20	42.35	(4.0)	40.57	(3.0)	42.55	(6.0)	<b>35.51</b>	(1.0)	42.45	(5.0)	35.89	(2.0)	42.81	(7.0)
RO10T5	126.75	(3.0)	126.23	(2.0)	127.56	(7.0)	126.95	(4.0)	127.38	(5.0)	<b>125.94</b>	(1.0)	127.51	(6.0)
RO10T10	31.08	(3.0)	29.90	(2.0)	31.87	(6.0)	31.31	(4.0)	31.55	(5.0)	<b>29.46</b>	(1.0)	31.88	(7.0)
RO10T15	34.85	(4.0)	33.44	(2.0)	35.37	(7.0)	34.39	(3.0)	35.19	(5.0)	<b>32.21</b>	(1.0)	35.24	(6.0)
RO10T20	59.57	(7.0)	56.74	(3.0)	59.44	(5.5)	<b>54.79</b>	(1.0)	59.44	(5.5)	55.87	(2.0)	59.38	(4.0)
Avg. Rank	(3.9)		(3.2)		(5.6)		(2.2)		(5.5)		(1.2)		(6.3)	

Table 20: ED\_DSIL  
Datasets: 12, Systems: 7  
CD 1%: 3.0 — CD 5%: 2.6 — CD 10%: 2.4

dataset	BR		RC		STA		DBR	
RO2T5	<b>-0.00</b>	<b>(1.5)</b>	<b>0.00</b>	<b>(1.5)</b>	-0.01	(3.0)	-0.44	(4.0)
RO2T10	-0.01	(3.5)	0.00	(2.0)	-0.01	(3.5)	<b>0.02</b>	<b>(1.0)</b>
RO2T15	<b>-0.03</b>	<b>(2.5)</b>	<b>-0.03</b>	<b>(2.5)</b>	<b>-0.03</b>	<b>(2.5)</b>	<b>-0.03</b>	<b>(2.5)</b>
RO2T20	0.07	(3.5)	<b>0.08</b>	<b>(1.5)</b>	0.07	(3.5)	<b>0.08</b>	<b>(1.5)</b>
RO5T5	<b>-0.03</b>	<b>(1.5)</b>	-0.04	(3.5)	<b>-0.03</b>	<b>(1.5)</b>	-0.04	(3.5)
RO5T10	-0.04	(3.5)	<b>-0.02</b>	<b>(1.5)</b>	-0.04	(3.5)	<b>-0.02</b>	<b>(1.5)</b>
RO5T15	-0.05	(3.0)	<b>-0.04</b>	<b>(1.0)</b>	-0.05	(3.0)	-0.05	(3.0)
RO5T20	<b>0.01</b>	<b>(2.5)</b>	<b>0.01</b>	<b>(2.5)</b>	<b>0.01</b>	<b>(2.5)</b>	<b>0.01</b>	<b>(2.5)</b>
RO10T5	<b>-0.35</b>	<b>(1.0)</b>	-0.39	(2.5)	-0.39	(2.5)	-0.46	(4.0)
RO10T10	<b>-0.17</b>	<b>(1.5)</b>	-0.18	(3.5)	<b>-0.17</b>	<b>(1.5)</b>	-0.18	(3.5)
RO10T15	<b>-0.34</b>	<b>(1.0)</b>	-0.48	(4.0)	-0.36	(2.0)	-0.4	(3.0)
RO10T20	<b>-0.00</b>	<b>(2.5)</b>	<b>-0.00</b>	<b>(2.5)</b>	<b>-0.00</b>	<b>(2.5)</b>	<b>-0.00</b>	<b>(2.5)</b>
Avg. Rank	<b>(2.3)</b>		(2.4)		(2.6)		(2.7)	

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

dataset	BR		RC		STA		DBR	
RO2T5	0.16	(4.0)	0.21	(3.0)	0.41	(2.0)	<b>0.42</b>	<b>(1.0)</b>
RO2T10	0.28	(4.0)	0.32	(3.0)	0.82	(2.0)	<b>0.84</b>	<b>(1.0)</b>
RO2T15	0.36	(4.0)	0.45	(3.0)	0.9	(2.0)	<b>0.91</b>	<b>(1.0)</b>
RO2T20	0.54	(4.0)	0.61	(3.0)	0.96	(2.0)	<b>0.97</b>	<b>(1.0)</b>
RO5T5	-0.35	(4.0)	-0.07	(2.0)	-0.08	(3.0)	<b>0.05</b>	<b>(1.0)</b>
RO5T10	-0.32	(4.0)	-0.07	(3.0)	-0.02	(2.0)	<b>0.24</b>	<b>(1.0)</b>
RO5T15	-0.36	(3.0)	-0.23	(2.0)	-1	(4.0)	<b>0.11</b>	<b>(1.0)</b>
RO5T20	0.17	(4.0)	0.25	(3.0)	0.34	(2.0)	<b>0.46</b>	<b>(1.0)</b>
RO10T5	-2.6	(4.0)	-1.2	(2.0)	-1.5	(3.0)	<b>-0.73</b>	<b>(1.0)</b>
RO10T10	-1.4	(3.0)	-0.47	(2.0)	-4.5	(4.0)	<b>-0.28</b>	<b>(1.0)</b>
RO10T15	-3.1	(3.0)	-1.1	(2.0)	-5.8	(4.0)	<b>-0.49</b>	<b>(1.0)</b>
RO10T20	0.02	(4.0)	0.08	(3.0)	0.09	(2.0)	<b>0.21</b>	<b>(1.0)</b>
Avg. Rank	(3.8)		(2.6)		(2.7)		<b>(1.0)</b>	

Table 22: R2.Quadratic  
Datasets: 12, Systems: 4  
CD 1%: 1.6 — CD 5%: 1.4 — CD 10%: 1.2

dataset	BR		RC <sub>s+</sub>		RC <sub>s-</sub>		STA <sub>s+</sub>		STA <sub>s-</sub>		DBR <sub>s+</sub>		DBR <sub>s-</sub>	
RO2T5	-0.4	(5.5)	-0.39	(3.5)	-0.39	(3.5)	0.28	(2.0)	-0.4	(5.5)	<b>0.32</b>	<b>(1.0)</b>	-0.47	(7.0)
RO2T10	0.29	(3.0)	0.28	(4.0)	0.27	(5.5)	0.63	(2.0)	0.27	(5.5)	<b>0.66</b>	<b>(1.0)</b>	0.25	(7.0)
RO2T15	0.32	(4.0)	0.36	(3.0)	0.31	(5.5)	<b>0.76</b>	<b>(1.0)</b>	0.31	(5.5)	0.74	(2.0)	0.3	(7.0)
RO2T20	0.4	(5.0)	0.45	(3.0)	0.4	(5.0)	<b>0.83</b>	<b>(1.0)</b>	0.39	(7.0)	0.77	(2.0)	0.4	(5.0)
RO5T5	0.00	(2.0)	-0.04	(3.0)	-0.11	(5.0)	-0.34	(7.0)	-0.06	(4.0)	<b>0.09</b>	<b>(1.0)</b>	-0.14	(6.0)
RO5T10	0.01	(4.0)	0.06	(3.0)	-0.01	(5.0)	0.17	(2.0)	-0.02	(6.0)	<b>0.22</b>	<b>(1.0)</b>	-0.05	(7.0)
RO5T15	0.06	(2.0)	0.03	(3.5)	0.00	(6.0)	0.02	(5.0)	0.03	(3.5)	<b>0.14</b>	<b>(1.0)</b>	-0.05	(7.0)
RO5T20	0.16	(4.5)	0.19	(3.0)	0.15	(6.0)	<b>0.37</b>	<b>(1.0)</b>	0.16	(4.5)	0.33	(2.0)	0.13	(7.0)
RO10T5	-0.31	(3.0)	<b>-0.18</b>	<b>(1.0)</b>	-1	(7.0)	-0.51	(5.0)	-0.44	(4.0)	-0.24	(2.0)	-0.55	(6.0)
RO10T10	-0.28	(3.0)	-0.09	(2.0)	-0.48	(6.0)	-0.96	(7.0)	-0.34	(4.0)	<b>-0.02</b>	<b>(1.0)</b>	-0.44	(5.0)
RO10T15	-0.49	(3.0)	-0.38	(2.0)	-0.68	(5.0)	-1.3	(7.0)	-0.53	(4.0)	<b>-0.22</b>	<b>(1.0)</b>	-0.7	(6.0)
RO10T20	0.05	(4.0)	0.11	(3.0)	0.04	(5.5)	<b>0.15</b>	<b>(1.5)</b>	0.04	(5.5)	<b>0.15</b>	<b>(1.5)</b>	0.03	(7.0)
Avg. Rank	(3.6)		(2.8)		(5.4)		(3.5)		(4.9)		<b>(1.4)</b>		(6.4)	

Table 23: R2.Dyadic  
Datasets: 12, Systems: 7  
CD 1%: 3.0 — CD 5%: 2.6 — CD 10%: 2.4

dataset	BR		RC <sub>s+</sub>		RC <sub>s-</sub>		STA <sub>s+</sub>		STA <sub>s-</sub>		DBR <sub>s+</sub>		DBR <sub>s-</sub>	
RO2T5	0.31	(4.0)	0.35	(3.0)	0.3	(6.0)	0.45	(2.0)	0.3	(6.0)	<b>0.48</b>	<b>(1.0)</b>	0.3	(6.0)
RO2T10	0.38	(4.5)	0.44	(3.0)	0.38	(4.5)	<b>0.93</b>	<b>(1.5)</b>	0.34	(7.0)	<b>0.93</b>	<b>(1.5)</b>	0.36	(6.0)
RO2T15	0.42	(4.5)	0.52	(3.0)	0.42	(4.5)	0.97	(2.0)	0.4	(7.0)	<b>0.98</b>	<b>(1.0)</b>	0.41	(6.0)
RO2T20	0.52	(5.0)	0.6	(3.0)	0.52	(5.0)	<b>0.99</b>	<b>(1.5)</b>	0.51	(7.0)	<b>0.99</b>	<b>(1.5)</b>	0.52	(5.0)
RO5T5	-0.01	(3.0)	0.05	(2.0)	-0.14	(6.0)	-0.09	(4.5)	-0.09	(4.5)	<b>0.13</b>	<b>(1.0)</b>	-0.18	(7.0)
RO5T10	0.06	(4.0)	0.13	(3.0)	0.03	(5.0)	0.14	(2.0)	0.01	(6.0)	<b>0.31</b>	<b>(1.0)</b>	0.00	(7.0)
RO5T15	-0.06	(3.0)	-0.02	(2.0)	-0.12	(4.0)	-0.4	(7.0)	-0.14	(5.0)	<b>0.24</b>	<b>(1.0)</b>	-0.15	(6.0)
RO5T20	0.2	(4.0)	0.27	(3.0)	0.18	(5.5)	0.42	(2.0)	0.18	(5.5)	<b>0.47</b>	<b>(1.0)</b>	0.15	(7.0)
RO10T5	-0.91	(3.0)	-0.63	(2.0)	-1.3	(4.0)	-2.4	(7.0)	-1.8	(6.0)	<b>-0.34</b>	<b>(1.0)</b>	-1.7	(5.0)
RO10T10	-0.54	(3.0)	-0.19	(2.0)	-1.1	(5.0)	-3.4	(7.0)	-0.7	(4.0)	<b>-0.06</b>	<b>(1.0)</b>	-1.2	(6.0)
RO10T15	-1	(3.0)	-0.48	(2.0)	-1.6	(6.0)	-3	(7.0)	-1.2	(4.0)	<b>-0.22</b>	<b>(1.0)</b>	-1.5	(5.0)
RO10T20	0.05	(6.0)	0.14	(3.0)	0.06	(4.0)	0.15	(2.0)	0.05	(6.0)	<b>0.21</b>	<b>(1.0)</b>	0.05	(6.0)
Avg. Rank	(3.9)		(2.6)		(5.0)		(3.8)		(5.7)		<b>(1.1)</b>		(6.0)	

Table 24: R2\_DSIL  
Datasets: 12, Systems: 7  
CD 1%: 3.0 — CD 5%: 2.6 — CD 10%: 2.4