

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	0.60	(5.0)	<b>0.40</b>	( <b>2.5</b> )	<b>0.40</b>	( <b>2.5</b> )	<b>0.40</b>	( <b>2.5</b> )	<b>0.40</b>	( <b>2.5</b> )
SO2T10	0.62	(5.0)	0.54	(3.5)	0.54	(3.5)	<b>0.53</b>	( <b>1.5</b> )	<b>0.53</b>	( <b>1.5</b> )
SO2T15	0.57	(5.0)	<b>0.47</b>	( <b>2.5</b> )	<b>0.47</b>	( <b>2.5</b> )	<b>0.47</b>	( <b>2.5</b> )	<b>0.47</b>	( <b>2.5</b> )
SO2T20	0.50	(5.0)	<b>0.35</b>	( <b>2.5</b> )	<b>0.35</b>	( <b>2.5</b> )	<b>0.35</b>	( <b>2.5</b> )	<b>0.35</b>	( <b>2.5</b> )
SO5T5	0.53	(5.0)	<b>0.43</b>	( <b>2.5</b> )	<b>0.43</b>	( <b>2.5</b> )	<b>0.43</b>	( <b>2.5</b> )	<b>0.43</b>	( <b>2.5</b> )
SO5T10	0.48	(5.0)	<b>0.46</b>	( <b>2.5</b> )	<b>0.46</b>	( <b>2.5</b> )	<b>0.46</b>	( <b>2.5</b> )	<b>0.46</b>	( <b>2.5</b> )
SO5T15	0.45	(5.0)	<b>0.43</b>	( <b>2.5</b> )	<b>0.43</b>	( <b>2.5</b> )	<b>0.43</b>	( <b>2.5</b> )	<b>0.43</b>	( <b>2.5</b> )
SO5T20	0.46	(5.0)	<b>0.39</b>	( <b>2.5</b> )	<b>0.39</b>	( <b>2.5</b> )	<b>0.39</b>	( <b>2.5</b> )	<b>0.39</b>	( <b>2.5</b> )
SO10T5	<b>0.49</b>	( <b>1.0</b> )	0.50	(3.5)	0.50	(3.5)	0.50	(3.5)	0.50	(3.5)
SO10T10	<b>0.49</b>	( <b>1.0</b> )	0.52	(3.5)	0.52	(3.5)	0.52	(3.5)	0.52	(3.5)
SO10T15	<b>0.47</b>	( <b>1.0</b> )	0.49	(3.5)	0.49	(3.5)	0.49	(3.5)	0.49	(3.5)
SO10T20	<b>0.46</b>	( <b>1.0</b> )	0.50	(3.5)	0.50	(3.5)	0.50	(3.5)	0.50	(3.5)
Avg. Rank		(3.7)		(2.9)		(2.9)		( <b>2.8</b> )		( <b>2.8</b> )

Table 1: MAE\_BR  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	0.60	(5.0)	0.44	(4.0)	<b>0.40</b>	( <b>1.5</b> )	0.43	(3.0)	<b>0.40</b>	( <b>1.5</b> )
SO2T10	0.62	(5.0)	0.57	(4.0)	0.54	(2.0)	0.56	(3.0)	<b>0.53</b>	( <b>1.0</b> )
SO2T15	0.59	(5.0)	0.51	(4.0)	<b>0.47</b>	( <b>1.5</b> )	0.50	(3.0)	<b>0.47</b>	( <b>1.5</b> )
SO2T20	0.50	(5.0)	0.39	(4.0)	<b>0.35</b>	( <b>1.5</b> )	0.38	(3.0)	<b>0.35</b>	( <b>1.5</b> )
SO5T5	0.54	(5.0)	0.49	(2.0)	0.52	(3.0)	<b>0.48</b>	( <b>1.0</b> )	0.53	(4.0)
SO5T10	0.50	(3.5)	0.51	(5.0)	<b>0.46</b>	( <b>1.5</b> )	0.50	(3.5)	<b>0.46</b>	( <b>1.5</b> )
SO5T15	0.45	(3.0)	0.51	(5.0)	<b>0.43</b>	( <b>1.5</b> )	0.49	(4.0)	<b>0.43</b>	( <b>1.5</b> )
SO5T20	0.48	(4.5)	0.48	(4.5)	<b>0.40</b>	( <b>1.5</b> )	0.46	(3.0)	<b>0.40</b>	( <b>1.5</b> )
SO10T5	0.52	(3.0)	0.56	(4.5)	<b>0.50</b>	( <b>1.5</b> )	0.56	(4.5)	<b>0.50</b>	( <b>1.5</b> )
SO10T10	<b>0.49</b>	( <b>1.0</b> )	0.58	(5.0)	0.52	(2.5)	0.57	(4.0)	0.52	(2.5)
SO10T15	<b>0.46</b>	( <b>1.0</b> )	0.56	(5.0)	0.52	(2.5)	0.55	(4.0)	0.52	(2.5)
SO10T20	<b>0.47</b>	( <b>1.0</b> )	0.57	(5.0)	0.51	(2.5)	0.56	(4.0)	0.51	(2.5)
Avg. Rank		(3.5)		(4.3)		( <b>1.9</b> )		(3.3)		( <b>1.9</b> )

Table 2: MAE\_RC  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	0.62	(5.0)	0.49	(4.0)	<b>0.40</b>	( <b>1.5</b> )	0.47	(3.0)	<b>0.40</b>	( <b>1.5</b> )
SO2T10	0.62	(5.0)	0.60	(4.0)	0.54	(2.0)	0.59	(3.0)	<b>0.53</b>	( <b>1.0</b> )
SO2T15	0.60	(5.0)	0.57	(4.0)	<b>0.47</b>	( <b>1.0</b> )	0.55	(3.0)	0.48	(2.0)
SO2T20	0.50	(5.0)	0.45	(4.0)	<b>0.35</b>	( <b>1.5</b> )	0.43	(3.0)	<b>0.35</b>	( <b>1.5</b> )
SO5T5	0.53	(4.5)	0.53	(4.5)	<b>0.43</b>	( <b>1.5</b> )	0.52	(3.0)	<b>0.43</b>	( <b>1.5</b> )
SO5T10	0.49	(3.0)	0.54	(4.5)	<b>0.46</b>	( <b>1.5</b> )	0.54	(4.5)	<b>0.46</b>	( <b>1.5</b> )
SO5T15	0.45	(3.0)	0.54	(5.0)	<b>0.43</b>	( <b>1.5</b> )	0.53	(4.0)	<b>0.43</b>	( <b>1.5</b> )
SO5T20	0.46	(3.0)	0.54	(5.0)	<b>0.39</b>	( <b>1.5</b> )	0.52	(4.0)	<b>0.39</b>	( <b>1.5</b> )
SO10T5	<b>0.48</b>	( <b>1.0</b> )	0.58	(4.5)	0.50	(2.5)	0.58	(4.5)	0.50	(2.5)
SO10T10	<b>0.50</b>	( <b>1.0</b> )	0.60	(5.0)	0.52	(2.5)	0.59	(4.0)	0.52	(2.5)
SO10T15	<b>0.46</b>	( <b>1.0</b> )	0.58	(4.5)	0.49	(2.5)	0.58	(4.5)	0.49	(2.5)
SO10T20	<b>0.46</b>	( <b>1.0</b> )	0.60	(5.0)	0.50	(2.5)	0.59	(4.0)	0.50	(2.5)
Avg. Rank		(3.1)		(4.5)		( <b>1.8</b> )		(3.7)		( <b>1.8</b> )

Table 3: MAE\_STA  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	0.59	(5.0)	0.46	(4.0)	<b>0.40</b>	( <b>1.5</b> )	0.44	(3.0)	<b>0.40</b>	( <b>1.5</b> )
SO2T10	0.63	(5.0)	0.59	(4.0)	0.54	(2.0)	0.57	(3.0)	<b>0.53</b>	( <b>1.0</b> )
SO2T15	0.59	(5.0)	0.53	(4.0)	<b>0.47</b>	( <b>1.5</b> )	0.52	(3.0)	<b>0.47</b>	( <b>1.5</b> )
SO2T20	0.50	(5.0)	0.42	(4.0)	<b>0.35</b>	( <b>1.5</b> )	0.41	(3.0)	<b>0.35</b>	( <b>1.5</b> )
SO5T5	0.70	(5.0)	0.53	(4.0)	<b>0.43</b>	( <b>1.5</b> )	0.52	(3.0)	<b>0.43</b>	( <b>1.5</b> )
SO5T10	0.51	(3.0)	0.54	(5.0)	<b>0.46</b>	( <b>1.5</b> )	0.53	(4.0)	<b>0.46</b>	( <b>1.5</b> )
SO5T15	0.50	(3.0)	0.54	(5.0)	<b>0.43</b>	( <b>1.5</b> )	0.53	(4.0)	<b>0.43</b>	( <b>1.5</b> )
SO5T20	0.47	(3.0)	0.53	(5.0)	<b>0.40</b>	( <b>1.5</b> )	0.51	(4.0)	<b>0.40</b>	( <b>1.5</b> )
SO10T5	<b>0.49</b>	( <b>1.0</b> )	0.59	(5.0)	0.50	(2.5)	0.58	(4.0)	0.50	(2.5)
SO10T10	<b>0.51</b>	( <b>1.0</b> )	0.60	(4.5)	0.53	(2.5)	0.60	(4.5)	0.53	(2.5)
SO10T15	0.50	(3.0)	0.58	(4.5)	<b>0.49</b>	( <b>1.5</b> )	0.58	(4.5)	<b>0.49</b>	( <b>1.5</b> )
SO10T20	<b>0.48</b>	( <b>1.0</b> )	0.60	(5.0)	0.50	(2.5)	0.59	(4.0)	0.50	(2.5)
Avg. Rank		(3.3)		(4.5)		(1.8)		(3.7)		( <b>1.7</b> )

Table 4: MAE\_DBR  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	0.72	(5.0)	<b>0.29</b>	(1.5)	<b>0.29</b>	(1.5)	0.30	(3.5)	0.30	(3.5)
SO2T10	0.83	(5.0)	<b>0.59</b>	(2.5)	<b>0.59</b>	(2.5)	<b>0.59</b>	(2.5)	<b>0.59</b>	(2.5)
SO2T15	0.63	(5.0)	<b>0.38</b>	(2.5)	<b>0.38</b>	(2.5)	<b>0.38</b>	(2.5)	<b>0.38</b>	(2.5)
SO2T20	0.47	(5.0)	<b>0.21</b>	(2.5)	<b>0.21</b>	(2.5)	<b>0.21</b>	(2.5)	<b>0.21</b>	(2.5)
SO5T5	0.55	(5.0)	<b>0.33</b>	(1.5)	<b>0.33</b>	(1.5)	0.34	(3.5)	0.34	(3.5)
SO5T10	0.46	(5.0)	<b>0.37</b>	(2.5)	<b>0.37</b>	(2.5)	<b>0.37</b>	(2.5)	<b>0.37</b>	(2.5)
SO5T15	0.43	(5.0)	0.33	(3.5)	0.33	(3.5)	<b>0.32</b>	(1.5)	<b>0.32</b>	(1.5)
SO5T20	0.42	(5.0)	<b>0.26</b>	(2.5)	<b>0.26</b>	(2.5)	<b>0.26</b>	(2.5)	<b>0.26</b>	(2.5)
SO10T5	0.49	(5.0)	<b>0.45</b>	(2.5)	<b>0.45</b>	(2.5)	<b>0.45</b>	(2.5)	<b>0.45</b>	(2.5)
SO10T10	<b>0.47</b>	(3.0)	<b>0.47</b>	(3.0)	<b>0.47</b>	(3.0)	<b>0.47</b>	(3.0)	<b>0.47</b>	(3.0)
SO10T15	0.44	(5.0)	<b>0.41</b>	(2.5)	<b>0.41</b>	(2.5)	<b>0.41</b>	(2.5)	<b>0.41</b>	(2.5)
SO10T20	<b>0.43</b>	(3.0)	<b>0.43</b>	(3.0)	<b>0.43</b>	(3.0)	<b>0.43</b>	(3.0)	<b>0.43</b>	(3.0)
Avg. Rank		(4.7)		(2.5)		(2.5)		(2.7)		(2.7)

Table 5: MSE\_BR  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	0.69	(5.0)	0.35	(4.0)	<b>0.29</b>	(1.0)	0.33	(3.0)	0.30	(2.0)
SO2T10	0.81	(5.0)	0.65	(4.0)	0.59	(2.0)	0.63	(3.0)	<b>0.58</b>	(1.0)
SO2T15	0.68	(5.0)	0.45	(4.0)	<b>0.38</b>	(1.5)	0.43	(3.0)	<b>0.38</b>	(1.5)
SO2T20	0.47	(5.0)	0.28	(4.0)	<b>0.21</b>	(1.5)	0.26	(3.0)	<b>0.21</b>	(1.5)
SO5T5	0.57	(3.0)	0.43	(2.0)	0.67	(4.0)	<b>0.41</b>	(1.0)	0.70	(5.0)
SO5T10	0.48	(5.0)	0.45	(4.0)	<b>0.37</b>	(1.5)	0.44	(3.0)	<b>0.37</b>	(1.5)
SO5T15	0.43	(3.5)	0.45	(5.0)	<b>0.32</b>	(1.5)	0.43	(3.5)	<b>0.32</b>	(1.5)
SO5T20	0.44	(5.0)	0.39	(4.0)	<b>0.27</b>	(1.5)	0.37	(3.0)	<b>0.27</b>	(1.5)
SO10T5	0.55	(4.5)	0.55	(4.5)	<b>0.44</b>	(1.5)	0.54	(3.0)	<b>0.44</b>	(1.5)
SO10T10	<b>0.47</b>	(2.0)	0.56	(5.0)	<b>0.47</b>	(2.0)	0.55	(4.0)	<b>0.47</b>	(2.0)
SO10T15	<b>0.41</b>	(1.0)	0.51	(5.0)	0.48	(2.5)	0.50	(4.0)	0.48	(2.5)
SO10T20	<b>0.44</b>	(1.0)	0.55	(5.0)	0.45	(2.0)	0.54	(4.0)	0.46	(3.0)
Avg. Rank		(3.8)		(4.2)		(1.9)		(3.1)		(2.0)

Table 6: MSE\_RC  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	0.82	(5.0)	0.41	(4.0)	<b>0.29</b>	(1.0)	0.38	(3.0)	0.30	(2.0)
SO2T10	0.84	(5.0)	0.71	(4.0)	0.59	(2.0)	0.68	(3.0)	<b>0.58</b>	(1.0)
SO2T15	0.68	(5.0)	0.55	(4.0)	<b>0.38</b>	(1.5)	0.52	(3.0)	<b>0.38</b>	(1.5)
SO2T20	0.46	(5.0)	0.35	(4.0)	<b>0.21</b>	(1.5)	0.33	(3.0)	<b>0.21</b>	(1.5)
SO5T5	0.56	(5.0)	0.48	(4.0)	<b>0.34</b>	(1.5)	0.47	(3.0)	<b>0.34</b>	(1.5)
SO5T10	0.48	(3.0)	0.50	(5.0)	<b>0.37</b>	(1.5)	0.49	(4.0)	<b>0.37</b>	(1.5)
SO5T15	0.42	(3.0)	0.51	(5.0)	0.33	(2.0)	0.49	(4.0)	<b>0.32</b>	(1.0)
SO5T20	0.43	(3.0)	0.48	(5.0)	<b>0.26</b>	(1.5)	0.46	(4.0)	<b>0.26</b>	(1.5)
SO10T5	0.48	(3.0)	0.58	(5.0)	<b>0.45</b>	(1.5)	0.57	(4.0)	<b>0.45</b>	(1.5)
SO10T10	0.49	(3.0)	0.59	(5.0)	<b>0.48</b>	(1.5)	0.58	(4.0)	<b>0.48</b>	(1.5)
SO10T15	<b>0.41</b>	(2.0)	0.55	(5.0)	<b>0.41</b>	(2.0)	0.54	(4.0)	<b>0.41</b>	(2.0)
SO10T20	<b>0.43</b>	(2.0)	0.60	(5.0)	<b>0.43</b>	(2.0)	0.59	(4.0)	<b>0.43</b>	(2.0)
Avg. Rank		(3.7)		(4.6)		(1.6)		(3.6)		(1.5)

Table 7: MSE\_STA  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	0.68	(5.0)	0.38	(4.0)	<b>0.29</b>	(1.0)	0.35	(3.0)	0.30	(2.0)
SO2T10	0.83	(5.0)	0.68	(4.0)	0.59	(2.0)	0.65	(3.0)	<b>0.58</b>	(1.0)
SO2T15	0.67	(5.0)	0.49	(4.0)	<b>0.38</b>	(1.5)	0.46	(3.0)	<b>0.38</b>	(1.5)
SO2T20	0.46	(5.0)	0.31	(4.0)	<b>0.21</b>	(1.5)	0.29	(3.0)	<b>0.21</b>	(1.5)
SO5T5	1.16	(5.0)	0.49	(4.0)	<b>0.33</b>	(1.0)	0.47	(3.0)	0.34	(2.0)
SO5T10	0.51	(5.0)	0.50	(4.0)	<b>0.37</b>	(1.5)	0.48	(3.0)	<b>0.37</b>	(1.5)
SO5T15	0.51	(5.0)	0.50	(4.0)	0.33	(2.0)	0.48	(3.0)	<b>0.32</b>	(1.0)
SO5T20	0.43	(3.0)	0.47	(5.0)	<b>0.26</b>	(1.5)	0.44	(4.0)	<b>0.26</b>	(1.5)
SO10T5	0.48	(3.0)	0.59	(5.0)	<b>0.45</b>	(1.5)	0.58	(4.0)	<b>0.45</b>	(1.5)
SO10T10	0.50	(3.0)	0.60	(5.0)	<b>0.47</b>	(1.5)	0.59	(4.0)	<b>0.47</b>	(1.5)
SO10T15	0.48	(3.0)	0.56	(5.0)	<b>0.41</b>	(1.5)	0.55	(4.0)	<b>0.41</b>	(1.5)
SO10T20	0.45	(3.0)	0.60	(5.0)	<b>0.43</b>	(1.5)	0.59	(4.0)	<b>0.43</b>	(1.5)
Avg. Rank		(4.2)		(4.4)		(1.5)		(3.4)		(1.5)

Table 8: MSE\_DBR  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	81.15	(5.0)	<b>53.02</b>	(1.5)	<b>53.02</b>	(1.5)	53.44	(3.5)	53.44	(3.5)
SO2T10	86.24	(5.0)	71.29	(3.5)	71.29	(3.5)	<b>70.95</b>	(1.5)	<b>70.95</b>	(1.5)
SO2T15	75.05	(5.0)	60.46	(3.5)	60.46	(3.5)	<b>60.45</b>	(1.5)	<b>60.45</b>	(1.5)
SO2T20	65.96	(5.0)	<b>44.58</b>	(1.5)	<b>44.58</b>	(1.5)	44.77	(3.5)	44.77	(3.5)
SO5T5	70.00	(5.0)	<b>55.96</b>	(1.5)	<b>55.96</b>	(1.5)	56.29	(3.5)	56.29	(3.5)
SO5T10	63.78	(5.0)	59.10	(3.5)	59.10	(3.5)	<b>59.06</b>	(1.5)	<b>59.06</b>	(1.5)
SO5T15	60.92	(5.0)	54.69	(3.5)	54.69	(3.5)	<b>54.47</b>	(1.5)	<b>54.47</b>	(1.5)
SO5T20	61.54	(5.0)	50.26	(3.5)	50.26	(3.5)	<b>50.15</b>	(1.5)	<b>50.15</b>	(1.5)
SO10T5	64.90	(5.0)	<b>64.63</b>	(1.5)	<b>64.63</b>	(1.5)	64.81	(3.5)	64.81	(3.5)
SO10T10	<b>64.18</b>	(1.0)	66.79	(2.5)	66.79	(2.5)	66.83	(4.5)	66.83	(4.5)
SO10T15	<b>60.78</b>	(1.0)	61.32	(2.5)	61.32	(2.5)	61.48	(4.5)	61.48	(4.5)
SO10T20	<b>60.78</b>	(1.0)	63.60	(2.5)	63.60	(2.5)	63.80	(4.5)	63.80	(4.5)
Avg. Rank		(4.0)		(2.6)		(2.6)		(2.9)		(2.9)

Table 9: RMSE\_BR  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	79.95	(5.0)	57.94	(4.0)	<b>53.00</b>	(1.0)	56.64	(3.0)	53.40	(2.0)
SO2T10	85.26	(5.0)	75.81	(4.0)	71.13	(2.0)	74.20	(3.0)	<b>70.80</b>	(1.0)
SO2T15	77.82	(5.0)	65.52	(4.0)	60.39	(2.0)	64.30	(3.0)	<b>60.38</b>	(1.0)
SO2T20	66.15	(5.0)	50.70	(4.0)	<b>44.38</b>	(1.0)	49.44	(3.0)	44.56	(2.0)
SO5T5	71.18	(4.0)	63.40	(2.0)	70.15	(3.0)	<b>62.40</b>	(1.0)	71.44	(5.0)
SO5T10	65.12	(4.0)	65.52	(5.0)	58.93	(2.0)	64.37	(3.0)	<b>58.90</b>	(1.0)
SO5T15	60.78	(3.0)	64.78	(5.0)	54.39	(2.0)	62.98	(4.0)	<b>54.17</b>	(1.0)
SO5T20	62.64	(5.0)	61.34	(4.0)	50.72	(2.0)	59.48	(3.0)	<b>50.57</b>	(1.0)
SO10T5	68.86	(3.0)	71.77	(5.0)	<b>64.24</b>	(1.0)	71.10	(4.0)	64.42	(2.0)
SO10T10	<b>63.65</b>	(1.0)	73.01	(5.0)	66.65	(2.0)	72.27	(4.0)	66.69	(3.0)
SO10T15	<b>59.55</b>	(1.0)	69.34	(5.0)	65.49	(3.0)	68.61	(4.0)	65.42	(2.0)
SO10T20	<b>61.48</b>	(1.0)	72.17	(5.0)	65.81	(2.0)	71.50	(4.0)	66.10	(3.0)
Avg. Rank		(3.5)		(4.3)		(1.9)		(3.2)		(2.0)

Table 10: RMSE\_RC  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	85.87	(5.0)	63.07	(4.0)	<b>53.05</b>	(1.0)	61.23	(3.0)	53.49	(2.0)
SO2T10	86.50	(5.0)	80.14	(4.0)	71.13	(2.0)	78.23	(3.0)	<b>70.78</b>	(1.0)
SO2T15	77.54	(5.0)	72.90	(4.0)	60.46	(2.0)	70.68	(3.0)	<b>60.45</b>	(1.0)
SO2T20	65.87	(5.0)	58.28	(4.0)	<b>44.52</b>	(1.0)	56.13	(3.0)	44.72	(2.0)
SO5T5	70.28	(5.0)	67.63	(4.0)	<b>56.19</b>	(1.0)	66.65	(3.0)	56.52	(2.0)
SO5T10	64.50	(3.0)	69.05	(5.0)	59.07	(2.0)	68.19	(4.0)	<b>59.04</b>	(1.0)
SO5T15	60.45	(3.0)	68.91	(5.0)	54.67	(2.0)	67.38	(4.0)	<b>54.44</b>	(1.0)
SO5T20	61.80	(3.0)	68.48	(5.0)	50.28	(2.0)	66.76	(4.0)	<b>50.18</b>	(1.0)
SO10T5	<b>64.46</b>	(1.0)	73.84	(5.0)	64.81	(2.0)	73.62	(4.0)	64.98	(3.0)
SO10T10	<b>64.70</b>	(1.0)	75.18	(5.0)	66.90	(2.0)	74.81	(4.0)	66.94	(3.0)
SO10T15	<b>59.59</b>	(1.0)	72.11	(5.0)	61.50	(2.0)	71.74	(4.0)	61.67	(3.0)
SO10T20	<b>60.90</b>	(1.0)	75.32	(5.0)	63.80	(2.0)	74.92	(4.0)	63.99	(3.0)
Avg. Rank		(3.2)		(4.6)		(1.8)		(3.6)		(1.9)

Table 11: RMSE\_STA  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	79.07	(5.0)	60.73	(4.0)	<b>53.02</b>	(1.0)	58.53	(3.0)	53.43	(2.0)
SO2T10	86.16	(5.0)	78.14	(4.0)	71.15	(2.0)	75.84	(3.0)	<b>70.81</b>	(1.0)
SO2T15	76.92	(5.0)	68.49	(4.0)	60.33	(2.0)	66.61	(3.0)	<b>60.32</b>	(1.0)
SO2T20	65.48	(5.0)	54.79	(4.0)	<b>44.44</b>	(1.0)	52.58	(3.0)	44.62	(2.0)
SO5T5	90.01	(5.0)	67.77	(4.0)	<b>55.89</b>	(1.0)	66.54	(3.0)	56.21	(2.0)
SO5T10	66.00	(3.0)	68.84	(5.0)	59.03	(2.0)	67.74	(4.0)	<b>59.00</b>	(1.0)
SO5T15	65.72	(3.0)	68.67	(5.0)	54.69	(2.0)	66.92	(4.0)	<b>54.46</b>	(1.0)
SO5T20	61.90	(3.0)	67.36	(5.0)	50.42	(2.0)	65.33	(4.0)	<b>50.31</b>	(1.0)
SO10T5	<b>64.50</b>	(1.0)	74.34	(5.0)	64.71	(2.0)	73.79	(4.0)	64.88	(3.0)
SO10T10	<b>65.57</b>	(1.0)	75.77	(5.0)	66.87	(2.0)	75.21	(4.0)	66.91	(3.0)
SO10T15	64.21	(3.0)	72.66	(5.0)	<b>61.48</b>	(1.0)	72.11	(4.0)	61.64	(2.0)
SO10T20	<b>62.30</b>	(1.0)	75.74	(5.0)	63.78	(2.0)	75.14	(4.0)	63.97	(3.0)
Avg. Rank		(3.3)		(4.6)		(1.7)		(3.6)		(1.8)

Table 12: RMSE\_DBR  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	82.53	(5.0)	<b>54.85</b>	(1.5)	<b>54.85</b>	(1.5)	55.32	(3.5)	55.32	(3.5)
SO2T10	88.56	(5.0)	73.28	(3.5)	73.28	(3.5)	<b>72.93</b>	(1.5)	<b>72.93</b>	(1.5)
SO2T15	70.81	(5.0)	<b>57.79</b>	(2.5)	<b>57.79</b>	(2.5)	<b>57.79</b>	(2.5)	<b>57.79</b>	(2.5)
SO2T20	70.65	(5.0)	<b>47.62</b>	(1.5)	<b>47.62</b>	(1.5)	47.80	(3.5)	47.80	(3.5)
SO5T5	68.35	(5.0)	<b>55.10</b>	(1.5)	<b>55.10</b>	(1.5)	55.42	(3.5)	55.42	(3.5)
SO5T10	69.12	(5.0)	63.94	(3.5)	63.94	(3.5)	<b>63.92</b>	(1.5)	<b>63.92</b>	(1.5)
SO5T15	59.54	(5.0)	53.72	(3.5)	53.72	(3.5)	<b>53.50</b>	(1.5)	<b>53.50</b>	(1.5)
SO5T20	63.19	(5.0)	52.04	(3.5)	52.04	(3.5)	<b>51.92</b>	(1.5)	<b>51.92</b>	(1.5)
SO10T5	<b>62.68</b>	(1.0)	62.92	(2.5)	62.92	(2.5)	63.09	(4.5)	63.09	(4.5)
SO10T10	<b>65.71</b>	(1.0)	68.25	(2.5)	68.25	(2.5)	68.31	(4.5)	68.31	(4.5)
SO10T15	<b>60.03</b>	(1.0)	60.19	(2.5)	60.19	(2.5)	60.35	(4.5)	60.35	(4.5)
SO10T20	<b>58.32</b>	(1.0)	61.58	(2.5)	61.58	(2.5)	61.77	(4.5)	61.77	(4.5)
Avg. Rank		(3.7)		(2.6)		(2.6)		(3.1)		(3.1)

Table 13: RRMSE\_BR

Datasets: 12, Systems: 5

CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	81.40	(5.0)	59.93	(4.0)	<b>54.80</b>	(1.0)	58.62	(3.0)	55.26	(2.0)
SO2T10	87.61	(5.0)	77.68	(4.0)	73.12	(2.0)	76.11	(3.0)	<b>72.78</b>	(1.0)
SO2T15	73.29	(5.0)	62.40	(4.0)	<b>57.74</b>	(1.5)	61.32	(3.0)	<b>57.74</b>	(1.5)
SO2T20	70.85	(5.0)	53.89	(4.0)	<b>47.42</b>	(1.0)	52.59	(3.0)	47.59	(2.0)
SO5T5	69.64	(4.0)	62.50	(2.0)	69.12	(3.0)	<b>61.51</b>	(1.0)	70.38	(5.0)
SO5T10	71.49	(5.0)	71.01	(4.0)	63.78	(2.0)	69.73	(3.0)	<b>63.76</b>	(1.0)
SO5T15	59.51	(3.0)	63.61	(5.0)	53.42	(2.0)	61.82	(4.0)	<b>53.21</b>	(1.0)
SO5T20	64.57	(5.0)	63.61	(4.0)	52.58	(2.0)	61.68	(3.0)	<b>52.42</b>	(1.0)
SO10T5	66.73	(3.0)	69.77	(5.0)	<b>62.53</b>	(1.0)	69.12	(4.0)	62.71	(2.0)
SO10T10	<b>65.27</b>	(1.0)	74.75	(5.0)	68.10	(2.0)	74.00	(4.0)	68.16	(3.0)
SO10T15	<b>58.98</b>	(1.0)	68.27	(5.0)	64.15	(3.0)	67.55	(4.0)	64.08	(2.0)
SO10T20	<b>59.05</b>	(1.0)	69.65	(5.0)	63.73	(2.0)	69.01	(4.0)	64.00	(3.0)
Avg. Rank		(3.6)		(4.2)		(1.9)		(3.2)		(2.0)

Table 14: RRMSE\_RC

Datasets: 12, Systems: 5

CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	87.46	(5.0)	65.03	(4.0)	<b>54.87</b>	(1.0)	63.19	(3.0)	55.37	(2.0)
SO2T10	88.83	(5.0)	82.14	(4.0)	73.12	(2.0)	80.23	(3.0)	<b>72.77</b>	(1.0)
SO2T15	73.29	(5.0)	69.37	(4.0)	<b>57.79</b>	(1.5)	67.36	(3.0)	<b>57.79</b>	(1.5)
SO2T20	70.62	(5.0)	62.40	(4.0)	<b>47.56</b>	(1.0)	60.09	(3.0)	47.75	(2.0)
SO5T5	68.55	(5.0)	66.56	(4.0)	<b>55.33</b>	(1.0)	65.60	(3.0)	55.65	(2.0)
SO5T10	69.97	(3.0)	74.73	(5.0)	63.92	(2.0)	73.78	(4.0)	<b>63.89</b>	(1.0)
SO5T15	59.15	(3.0)	67.63	(5.0)	53.70	(2.0)	66.11	(4.0)	<b>53.48</b>	(1.0)
SO5T20	63.46	(3.0)	70.75	(5.0)	52.08	(2.0)	68.97	(4.0)	<b>51.98</b>	(1.0)
SO10T5	<b>62.24</b>	(1.0)	71.75	(5.0)	63.10	(2.0)	71.53	(4.0)	63.28	(3.0)
SO10T10	<b>66.07</b>	(1.0)	76.98	(5.0)	68.36	(2.0)	76.60	(4.0)	68.42	(3.0)
SO10T15	<b>58.90</b>	(1.0)	71.01	(5.0)	60.35	(2.0)	70.65	(4.0)	60.52	(3.0)
SO10T20	<b>58.43</b>	(1.0)	72.79	(5.0)	61.75	(2.0)	72.41	(4.0)	61.94	(3.0)
Avg. Rank		(3.2)		(4.6)		(1.7)		(3.6)		(2.0)

Table 15: RRMSE\_STA

Datasets: 12, Systems: 5

CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	80.93	(5.0)	62.66	(4.0)	<b>54.81</b>	(1.0)	60.46	(3.0)	55.28	(2.0)
SO2T10	88.65	(5.0)	80.10	(4.0)	73.14	(2.0)	77.82	(3.0)	<b>72.80</b>	(1.0)
SO2T15	72.36	(5.0)	65.31	(4.0)	<b>57.68</b>	(1.5)	63.59	(3.0)	<b>57.68</b>	(1.5)
SO2T20	70.25	(5.0)	58.73	(4.0)	<b>47.49</b>	(1.0)	56.34	(3.0)	47.66	(2.0)
SO5T5	87.25	(5.0)	66.69	(4.0)	<b>55.01</b>	(1.0)	65.50	(3.0)	55.33	(2.0)
SO5T10	71.82	(3.0)	74.56	(5.0)	63.86	(2.0)	73.38	(4.0)	<b>63.84</b>	(1.0)
SO5T15	64.37	(3.0)	67.44	(5.0)	53.72	(2.0)	65.71	(4.0)	<b>53.50</b>	(1.0)
SO5T20	63.98	(3.0)	69.59	(5.0)	52.18	(2.0)	67.49	(4.0)	<b>52.06</b>	(1.0)
SO10T5	<b>62.46</b>	(1.0)	72.26	(5.0)	62.99	(2.0)	71.72	(4.0)	63.16	(3.0)
SO10T10	<b>67.17</b>	(1.0)	77.59	(5.0)	68.30	(2.0)	77.01	(4.0)	68.36	(3.0)
SO10T15	63.37	(3.0)	71.56	(5.0)	<b>60.36</b>	(1.0)	71.01	(4.0)	60.51	(2.0)
SO10T20	<b>59.95</b>	(1.0)	73.18	(5.0)	61.73	(2.0)	72.60	(4.0)	61.91	(3.0)
Avg. Rank		(3.3)		(4.6)		(1.6)		(3.6)		(1.9)

Table 16: RRMSE\_DBR

Datasets: 12, Systems: 5

CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	25.66	(5.0)	<b>16.77</b>	(1.5)	<b>16.77</b>	(1.5)	16.90	(3.5)	16.90	(3.5)
SO2T10	27.27	(5.0)	22.54	(3.5)	22.54	(3.5)	<b>22.43</b>	(1.5)	<b>22.43</b>	(1.5)
SO2T15	23.73	(5.0)	<b>19.12</b>	(2.5)	<b>19.12</b>	(2.5)	<b>19.12</b>	(2.5)	<b>19.12</b>	(2.5)
SO2T20	20.86	(5.0)	<b>14.10</b>	(1.5)	<b>14.10</b>	(1.5)	14.16	(3.5)	14.16	(3.5)
SO5T5	22.14	(5.0)	<b>17.69</b>	(1.5)	<b>17.69</b>	(1.5)	17.80	(3.5)	17.80	(3.5)
SO5T10	20.17	(5.0)	18.69	(3.5)	18.69	(3.5)	<b>18.68</b>	(1.5)	<b>18.68</b>	(1.5)
SO5T15	19.27	(5.0)	17.30	(3.5)	17.30	(3.5)	<b>17.23</b>	(1.5)	<b>17.23</b>	(1.5)
SO5T20	19.46	(5.0)	15.89	(3.5)	15.89	(3.5)	<b>15.86</b>	(1.5)	<b>15.86</b>	(1.5)
SO10T5	20.52	(5.0)	<b>20.44</b>	(1.5)	<b>20.44</b>	(1.5)	20.49	(3.5)	20.49	(3.5)
SO10T10	<b>20.29</b>	(1.0)	21.12	(2.5)	21.12	(2.5)	21.13	(4.5)	21.13	(4.5)
SO10T15	<b>19.22</b>	(1.0)	19.39	(2.5)	19.39	(2.5)	19.44	(4.5)	19.44	(4.5)
SO10T20	<b>19.22</b>	(1.0)	20.11	(2.5)	20.11	(2.5)	20.17	(4.5)	20.17	(4.5)
Avg. Rank		(4.0)		(2.5)		(2.5)		(3.0)		(3.0)

Table 17: ED\_BR  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	25.28	(5.0)	18.32	(4.0)	<b>16.76</b>	(1.0)	17.91	(3.0)	16.89	(2.0)
SO2T10	26.96	(5.0)	23.97	(4.0)	23.46	(2.0)	23.46	(3.0)	<b>22.39</b>	(1.0)
SO2T15	24.61	(5.0)	20.72	(4.0)	19.10	(2.0)	20.33	(3.0)	<b>19.09</b>	(1.0)
SO2T20	20.92	(5.0)	16.03	(4.0)	<b>14.04</b>	(1.0)	15.64	(3.0)	14.09	(2.0)
SO5T5	22.51	(4.0)	20.05	(2.0)	22.18	(3.0)	<b>19.73</b>	(1.0)	22.59	(5.0)
SO5T10	20.59	(4.0)	20.72	(5.0)	18.64	(2.0)	20.35	(3.0)	<b>18.63</b>	(1.0)
SO5T15	19.22	(3.0)	20.49	(5.0)	17.20	(2.0)	19.91	(4.0)	<b>17.13</b>	(1.0)
SO5T20	19.81	(5.0)	19.40	(4.0)	16.04	(2.0)	18.81	(3.0)	<b>15.99</b>	(1.0)
SO10T5	21.77	(3.0)	22.69	(5.0)	<b>20.31</b>	(1.0)	22.48	(4.0)	20.37	(2.0)
SO10T10	<b>20.13</b>	(1.0)	23.09	(5.0)	21.08	(2.0)	22.85	(4.0)	21.09	(3.0)
SO10T15	<b>18.83</b>	(1.0)	21.93	(5.0)	20.71	(3.0)	21.70	(4.0)	20.69	(2.0)
SO10T20	<b>19.44</b>	(1.0)	22.82	(5.0)	20.81	(2.0)	22.61	(4.0)	20.90	(3.0)
Avg. Rank		(3.5)		(4.3)		(1.9)		(3.2)		(2.0)

Table 18: ED\_RC  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	27.15	(5.0)	19.95	(4.0)	<b>16.78</b>	(1.0)	19.36	(3.0)	16.92	(2.0)
SO2T10	27.35	(5.0)	25.34	(4.0)	22.49	(2.0)	24.74	(3.0)	<b>22.38</b>	(1.0)
SO2T15	24.52	(5.0)	23.05	(4.0)	19.12	(2.0)	22.35	(3.0)	<b>19.11</b>	(1.0)
SO2T20	20.83	(5.0)	18.43	(4.0)	<b>14.08</b>	(1.0)	17.75	(3.0)	14.14	(2.0)
SO5T5	22.22	(5.0)	21.39	(4.0)	<b>17.77</b>	(1.0)	21.08	(3.0)	17.87	(2.0)
SO5T10	20.40	(3.0)	21.84	(5.0)	18.68	(2.0)	21.56	(4.0)	<b>18.67</b>	(1.0)
SO5T15	19.12	(3.0)	21.79	(5.0)	17.29	(2.0)	21.31	(4.0)	<b>17.22</b>	(1.0)
SO5T20	19.54	(3.0)	21.65	(5.0)	15.90	(2.0)	21.11	(4.0)	<b>15.87</b>	(1.0)
SO10T5	<b>20.38</b>	(1.0)	23.35	(5.0)	20.49	(2.0)	23.28	(4.0)	20.55	(3.0)
SO10T10	<b>20.46</b>	(1.0)	23.77	(5.0)	21.16	(2.0)	23.66	(4.0)	21.17	(3.0)
SO10T15	<b>18.84</b>	(1.0)	22.80	(5.0)	19.45	(2.0)	22.69	(4.0)	19.50	(3.0)
SO10T20	<b>19.26</b>	(1.0)	23.82	(5.0)	20.17	(2.0)	23.69	(4.0)	20.24	(3.0)
Avg. Rank		(3.2)		(4.6)		(1.8)		(3.6)		(1.9)

Table 19: ED\_STA  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	25.00	(5.0)	19.20	(4.0)	<b>16.77</b>	(1.0)	18.51	(3.0)	16.90	(2.0)
SO2T10	27.25	(5.0)	24.71	(4.0)	22.50	(2.0)	23.98	(3.0)	<b>22.39</b>	(1.0)
SO2T15	24.32	(5.0)	21.66	(4.0)	19.08	(2.0)	21.06	(3.0)	<b>19.07</b>	(1.0)
SO2T20	20.71	(5.0)	17.32	(4.0)	<b>14.05</b>	(1.0)	16.63	(3.0)	14.11	(2.0)
SO5T5	28.46	(5.0)	21.43	(4.0)	<b>17.67</b>	(1.0)	21.04	(3.0)	17.78	(2.0)
SO5T10	20.87	(3.0)	21.77	(5.0)	18.67	(2.0)	21.42	(4.0)	<b>18.66</b>	(1.0)
SO5T15	20.78	(3.0)	21.72	(5.0)	17.29	(2.0)	21.16	(4.0)	<b>17.22</b>	(1.0)
SO5T20	19.57	(3.0)	21.30	(5.0)	15.95	(2.0)	20.66	(4.0)	<b>15.91</b>	(1.0)
SO10T5	<b>20.40</b>	(1.0)	23.51	(5.0)	20.46	(2.0)	23.33	(4.0)	20.52	(3.0)
SO10T10	<b>20.73</b>	(1.0)	23.96	(5.0)	21.15	(2.0)	23.78	(4.0)	21.16	(3.0)
SO10T15	20.30	(3.0)	22.98	(5.0)	<b>19.44</b>	(1.0)	22.80	(4.0)	19.49	(2.0)
SO10T20	<b>19.70</b>	(1.0)	23.95	(5.0)	20.17	(2.0)	23.76	(4.0)	20.23	(3.0)
Avg. Rank		(3.3)		(4.6)		(1.7)		(3.6)		(1.8)

Table 20: ED\_DBR  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	0.27	(5.0)	<b>0.69</b>	(1.5)	<b>0.69</b>	(1.5)	0.68	(3.5)	0.68	(3.5)
SO2T10	0.1	(5.0)	<b>0.35</b>	(2.5)	<b>0.35</b>	(2.5)	<b>0.35</b>	(2.5)	<b>0.35</b>	(2.5)
SO2T15	0.45	(5.0)	<b>0.66</b>	(2.5)	<b>0.66</b>	(2.5)	<b>0.66</b>	(2.5)	<b>0.66</b>	(2.5)
SO2T20	0.47	(5.0)	<b>0.76</b>	(2.5)	<b>0.76</b>	(2.5)	<b>0.76</b>	(2.5)	<b>0.76</b>	(2.5)
SO5T5	0.49	(5.0)	<b>0.68</b>	(2.5)	<b>0.68</b>	(2.5)	<b>0.68</b>	(2.5)	<b>0.68</b>	(2.5)
SO5T10	0.44	(5.0)	<b>0.56</b>	(2.5)	<b>0.56</b>	(2.5)	<b>0.56</b>	(2.5)	<b>0.56</b>	(2.5)
SO5T15	0.6	(5.0)	<b>0.69</b>	(2.5)	<b>0.69</b>	(2.5)	<b>0.69</b>	(2.5)	<b>0.69</b>	(2.5)
SO5T20	0.55	(5.0)	<b>0.71</b>	(2.5)	<b>0.71</b>	(2.5)	<b>0.71</b>	(2.5)	<b>0.71</b>	(2.5)
SO10T5	0.56	(5.0)	<b>0.58</b>	(2.5)	<b>0.58</b>	(2.5)	<b>0.58</b>	(2.5)	<b>0.58</b>	(2.5)
SO10T10	<b>0.51</b>	(3.0)	<b>0.51</b>	(3.0)	<b>0.51</b>	(3.0)	<b>0.51</b>	(3.0)	<b>0.51</b>	(3.0)
SO10T15	0.57	(5.0)	<b>0.61</b>	(2.5)	<b>0.61</b>	(2.5)	<b>0.61</b>	(2.5)	<b>0.61</b>	(2.5)
SO10T20	<b>0.62</b>	(1.0)	0.6	(3.5)	0.6	(3.5)	0.6	(3.5)	0.6	(3.5)
Avg. Rank		(4.5)		(2.5)		(2.5)		(2.7)		(2.7)

Table 21: R2\_BR  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	0.3	(5.0)	0.62	(4.0)	<b>0.69</b>	(1.0)	0.64	(3.0)	0.68	(2.0)
SO2T10	0.12	(5.0)	0.29	(4.0)	0.35	(2.0)	0.31	(3.0)	<b>0.36</b>	(1.0)
SO2T15	0.41	(5.0)	0.59	(4.0)	<b>0.66</b>	(1.5)	0.61	(3.0)	<b>0.66</b>	(1.5)
SO2T20	0.46	(5.0)	0.69	(4.0)	<b>0.76</b>	(1.5)	0.71	(3.0)	<b>0.76</b>	(1.5)
SO5T5	0.47	(3.0)	0.59	(2.0)	0.36	(4.0)	<b>0.6</b>	(1.0)	0.32	(5.0)
SO5T10	0.4	(5.0)	0.46	(4.0)	<b>0.56</b>	(1.5)	0.48	(3.0)	<b>0.56</b>	(1.5)
SO5T15	0.59	(3.5)	0.57	(5.0)	<b>0.69</b>	(1.5)	0.59	(3.5)	<b>0.69</b>	(1.5)
SO5T20	0.52	(5.0)	0.57	(4.0)	<b>0.71</b>	(1.5)	0.59	(3.0)	<b>0.71</b>	(1.5)
SO10T5	0.49	(4.5)	0.49	(4.5)	<b>0.59</b>	(1.0)	0.5	(3.0)	0.58	(2.0)
SO10T10	<b>0.51</b>	(2.0)	0.41	(5.0)	<b>0.51</b>	(2.0)	0.43	(4.0)	<b>0.51</b>	(2.0)
SO10T15	<b>0.6</b>	(1.0)	0.51	(5.0)	0.55	(2.5)	0.52	(4.0)	0.55	(2.5)
SO10T20	<b>0.61</b>	(1.0)	0.5	(4.5)	0.58	(2.5)	0.5	(4.5)	0.58	(2.5)
Avg. Rank		(3.8)		(4.2)		(1.9)		(3.2)		(2.0)

Table 22: R2\_RC  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	0.17	(5.0)	0.57	(4.0)	<b>0.68</b>	(1.5)	0.59	(3.0)	<b>0.68</b>	(1.5)
SO2T10	0.09	(5.0)	0.23	(4.0)	0.35	(2.0)	0.26	(3.0)	<b>0.36</b>	(1.0)
SO2T15	0.4	(5.0)	0.51	(4.0)	<b>0.66</b>	(1.5)	0.54	(3.0)	<b>0.66</b>	(1.5)
SO2T20	0.47	(5.0)	0.6	(4.0)	<b>0.76</b>	(1.5)	0.63	(3.0)	<b>0.76</b>	(1.5)
SO5T5	0.48	(5.0)	0.54	(4.0)	<b>0.68</b>	(1.0)	0.55	(3.0)	0.67	(2.0)
SO5T10	0.43	(3.0)	0.41	(5.0)	<b>0.56</b>	(1.5)	0.42	(4.0)	<b>0.56</b>	(1.5)
SO5T15	0.6	(3.0)	0.52	(5.0)	<b>0.69</b>	(1.5)	0.54	(4.0)	<b>0.69</b>	(1.5)
SO5T20	0.55	(3.0)	0.48	(5.0)	<b>0.71</b>	(1.5)	0.5	(4.0)	<b>0.71</b>	(1.5)
SO10T5	0.57	(3.0)	0.46	(4.5)	<b>0.58</b>	(1.5)	0.46	(4.5)	<b>0.58</b>	(1.5)
SO10T10	0.5	(3.0)	0.38	(5.0)	<b>0.51</b>	(1.5)	0.39	(4.0)	<b>0.51</b>	(1.5)
SO10T15	0.6	(3.0)	0.47	(5.0)	<b>0.61</b>	(1.5)	0.48	(4.0)	<b>0.61</b>	(1.5)
SO10T20	<b>0.62</b>	(1.0)	0.45	(5.0)	0.6	(2.5)	0.46	(4.0)	0.6	(2.5)
Avg. Rank		(3.7)		(4.5)		(1.6)		(3.6)		(1.6)

Table 23: R2\_STA  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

	No_ZS		MTZS <sub>SRE</sub>		ZSMT <sub>SRE</sub>		MTZS <sub>SRM</sub>		ZSMT <sub>SRM</sub>	
SO2T5	0.3	(5.0)	0.59	(4.0)	<b>0.69</b>	(1.0)	0.62	(3.0)	0.68	(2.0)
SO2T10	0.1	(5.0)	0.26	(4.0)	0.35	(2.0)	0.29	(3.0)	<b>0.36</b>	(1.0)
SO2T15	0.42	(5.0)	0.56	(4.0)	<b>0.66</b>	(1.5)	0.59	(3.0)	<b>0.66</b>	(1.5)
SO2T20	0.47	(5.0)	0.64	(4.0)	<b>0.76</b>	(1.5)	0.67	(3.0)	<b>0.76</b>	(1.5)
SO5T5	-0.02	(5.0)	0.53	(4.0)	<b>0.68</b>	(1.5)	0.55	(3.0)	<b>0.68</b>	(1.5)
SO5T10	0.38	(5.0)	0.41	(4.0)	<b>0.56</b>	(1.5)	0.43	(3.0)	<b>0.56</b>	(1.5)
SO5T15	0.51	(5.0)	0.52	(4.0)	<b>0.69</b>	(1.5)	0.54	(3.0)	<b>0.69</b>	(1.5)
SO5T20	0.53	(3.0)	0.49	(5.0)	<b>0.71</b>	(1.5)	0.52	(4.0)	<b>0.71</b>	(1.5)
SO10T5	0.55	(3.0)	0.45	(5.0)	<b>0.58</b>	(1.5)	0.46	(4.0)	<b>0.58</b>	(1.5)
SO10T10	0.48	(3.0)	0.37	(5.0)	<b>0.51</b>	(1.5)	0.38	(4.0)	<b>0.51</b>	(1.5)
SO10T15	0.54	(3.0)	0.47	(5.0)	<b>0.61</b>	(1.5)	0.48	(4.0)	<b>0.61</b>	(1.5)
SO10T20	0.59	(3.0)	0.45	(5.0)	<b>0.6</b>	(1.5)	0.46	(4.0)	<b>0.6</b>	(1.5)
Avg. Rank		(4.2)		(4.4)		(1.5)		(3.4)		(1.5)

Table 24: R2\_DBR  
Datasets: 12, Systems: 5  
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6