

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|-------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
| RO2T5 | 0.85 | (1.0) | 0.86 | (3.5) | 0.86 | (3.5) | 0.86 | (3.5) | 0.86 | (3.5) |
| RO2T10 | 0.70 | (5.0) | 0.68 | (2.5) | 0.68 | (2.5) | 0.68 | (2.5) | 0.68 | (2.5) |
| RO2T15 | 0.73 | (3.0) | 0.73 | (3.0) | 0.73 | (3.0) | 0.73 | (3.0) | 0.73 | (3.0) |
| RO2T20 | 0.81 | (5.0) | 0.80 | (3.5) | 0.80 | (3.5) | 0.79 | (1.5) | 0.79 | (1.5) |
| RO5T5 | 0.96 | (1.0) | 1.01 | (2.5) | 1.01 | (2.5) | 1.02 | (4.5) | 1.02 | (4.5) |
| RO5T10 | 0.85 | (1.0) | 0.89 | (3.5) | 0.89 | (3.5) | 0.89 | (3.5) | 0.89 | (3.5) |
| RO5T15 | 0.52 | (1.0) | 0.55 | (3.5) | 0.55 | (3.5) | 0.55 | (3.5) | 0.55 | (3.5) |
| RO5T20 | 0.65 | (1.0) | 0.66 | (3.5) | 0.66 | (3.5) | 0.66 | (3.5) | 0.66 | (3.5) |
| RO10T5 | 1.14 | (1.0) | 1.21 | (3.5) | 1.21 | (3.5) | 1.21 | (3.5) | 1.21 | (3.5) |
| RO10T10 | 0.46 | (1.0) | 0.50 | (3.5) | 0.50 | (3.5) | 0.50 | (3.5) | 0.50 | (3.5) |
| RO10T15 | 0.35 | (1.0) | 0.41 | (3.5) | 0.41 | (3.5) | 0.41 | (3.5) | 0.41 | (3.5) |
| RO10T20 | 0.71 | (1.0) | 0.74 | (3.5) | 0.74 | (3.5) | 0.74 | (3.5) | 0.74 | (3.5) |
| Avg. Rank | | (1.8) | | (3.3) | | (3.3) | | (3.3) | | (3.3) |

Table 1: MAE_BR
Datasets: 12, Systems: 5
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|-------------|--------------|---------------------|-------|---------------------|--------------|---------------------|-------|---------------------|--------------|
| RO2T5 | 0.85 | (1.0) | 0.86 | (3.5) | 0.86 | (3.5) | 0.86 | (3.5) | 0.86 | (3.5) |
| RO2T10 | 0.70 | (5.0) | 0.69 | (4.0) | 0.68 | (2.5) | 0.68 | (2.5) | 0.67 | (1.0) |
| RO2T15 | 0.72 | (2.0) | 0.73 | (4.5) | 0.72 | (2.0) | 0.73 | (4.5) | 0.72 | (2.0) |
| RO2T20 | 0.80 | (3.5) | 0.80 | (3.5) | 0.80 | (3.5) | 0.80 | (3.5) | 0.79 | (1.0) |
| RO5T5 | 0.97 | (1.0) | 1.01 | (3.0) | 1.01 | (3.0) | 1.01 | (3.0) | 1.02 | (5.0) |
| RO5T10 | 0.85 | (1.0) | 0.89 | (4.0) | 0.89 | (4.0) | 0.88 | (2.0) | 0.89 | (4.0) |
| RO5T15 | 0.52 | (1.0) | 0.55 | (3.5) | 0.55 | (3.5) | 0.55 | (3.5) | 0.55 | (3.5) |
| RO5T20 | 0.65 | (1.0) | 0.66 | (3.5) | 0.66 | (3.5) | 0.66 | (3.5) | 0.66 | (3.5) |
| RO10T5 | 1.15 | (1.0) | 1.19 | (2.5) | 1.20 | (4.0) | 1.19 | (2.5) | 1.21 | (5.0) |
| RO10T10 | 0.46 | (1.0) | 0.49 | (2.5) | 0.50 | (4.5) | 0.49 | (2.5) | 0.50 | (4.5) |
| RO10T15 | 0.36 | (1.0) | 0.40 | (4.0) | 0.40 | (4.0) | 0.39 | (2.0) | 0.40 | (4.0) |
| RO10T20 | 0.71 | (1.0) | 0.74 | (3.5) | 0.74 | (3.5) | 0.74 | (3.5) | 0.74 | (3.5) |
| Avg. Rank | | (1.6) | | (3.5) | | (3.5) | | (3.0) | | (3.4) |

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

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|-------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
| RO2T5 | 0.85 | (1.0) | 0.86 | (3.5) | 0.86 | (3.5) | 0.86 | (3.5) | 0.86 | (3.5) |
| RO2T10 | 0.70 | (5.0) | 0.69 | (4.0) | 0.68 | (2.0) | 0.68 | (2.0) | 0.68 | (2.0) |
| RO2T15 | 0.73 | (2.0) | 0.74 | (4.5) | 0.73 | (2.0) | 0.74 | (4.5) | 0.73 | (2.0) |
| RO2T20 | 0.81 | (5.0) | 0.80 | (2.5) | 0.80 | (2.5) | 0.80 | (2.5) | 0.80 | (2.5) |
| RO5T5 | 0.96 | (1.0) | 1.01 | (3.0) | 1.01 | (3.0) | 1.01 | (3.0) | 1.02 | (5.0) |
| RO5T10 | 0.85 | (1.0) | 0.88 | (3.0) | 0.89 | (4.5) | 0.87 | (2.0) | 0.89 | (4.5) |
| RO5T15 | 0.52 | (1.0) | 0.55 | (4.0) | 0.55 | (4.0) | 0.54 | (2.0) | 0.55 | (4.0) |
| RO5T20 | 0.65 | (1.0) | 0.67 | (5.0) | 0.66 | (3.0) | 0.66 | (3.0) | 0.66 | (3.0) |
| RO10T5 | 1.14 | (1.0) | 1.17 | (2.5) | 1.20 | (4.0) | 1.17 | (2.5) | 1.21 | (5.0) |
| RO10T10 | 0.47 | (1.0) | 0.48 | (2.5) | 0.50 | (4.5) | 0.48 | (2.5) | 0.50 | (4.5) |
| RO10T15 | 0.35 | (1.0) | 0.39 | (2.5) | 0.41 | (4.5) | 0.39 | (2.5) | 0.41 | (4.5) |
| RO10T20 | 0.71 | (1.0) | 0.74 | (3.5) | 0.74 | (3.5) | 0.74 | (3.5) | 0.74 | (3.5) |
| Avg. Rank | | (1.8) | | (3.4) | | (3.4) | | (2.8) | | (3.7) |

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

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|-------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
| RO2T5 | 0.87 | (4.5) | 0.86 | (2.0) | 0.87 | (4.5) | 0.86 | (2.0) | 0.86 | (2.0) |
| RO2T10 | 0.69 | (4.5) | 0.69 | (4.5) | 0.68 | (2.5) | 0.68 | (2.5) | 0.67 | (1.0) |
| RO2T15 | 0.73 | (3.0) | 0.74 | (4.5) | 0.72 | (1.5) | 0.74 | (4.5) | 0.72 | (1.5) |
| RO2T20 | 0.80 | (3.5) | 0.80 | (3.5) | 0.80 | (3.5) | 0.80 | (3.5) | 0.79 | (1.0) |
| RO5T5 | 0.97 | (1.0) | 1.01 | (3.0) | 1.01 | (3.0) | 1.01 | (3.0) | 1.02 | (5.0) |
| RO5T10 | 0.85 | (1.0) | 0.88 | (2.5) | 0.89 | (4.5) | 0.88 | (2.5) | 0.89 | (4.5) |
| RO5T15 | 0.52 | (1.0) | 0.55 | (3.5) | 0.55 | (3.5) | 0.55 | (3.5) | 0.55 | (3.5) |
| RO5T20 | 0.65 | (1.5) | 0.67 | (5.0) | 0.66 | (3.5) | 0.66 | (3.5) | 0.65 | (1.5) |
| RO10T5 | 1.13 | (1.0) | 1.18 | (2.5) | 1.20 | (4.0) | 1.18 | (2.5) | 1.21 | (5.0) |
| RO10T10 | 0.48 | (2.0) | 0.48 | (2.0) | 0.50 | (4.5) | 0.48 | (2.0) | 0.50 | (4.5) |
| RO10T15 | 0.35 | (1.0) | 0.39 | (2.5) | 0.40 | (4.0) | 0.39 | (2.5) | 0.41 | (5.0) |
| RO10T20 | 0.71 | (1.0) | 0.74 | (3.5) | 0.74 | (3.5) | 0.74 | (3.5) | 0.74 | (3.5) |
| Avg. Rank | | (2.1) | | (3.2) | | (3.5) | | (3.0) | | (3.2) |

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

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|--------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|
| RO2T5 | 1.65 | (5.0) | 1.63 | (1.5) | 1.63 | (1.5) | 1.64 | (3.5) | 1.64 | (3.5) |
| RO2T10 | 0.97 | (5.0) | 0.89 | (2.5) | 0.89 | (2.5) | 0.89 | (2.5) | 0.89 | (2.5) |
| RO2T15 | 1.03 | (5.0) | 0.99 | (2.5) | 0.99 | (2.5) | 0.99 | (2.5) | 0.99 | (2.5) |
| RO2T20 | 1.55 | (5.0) | 1.49 | (2.5) | 1.49 | (2.5) | 1.49 | (2.5) | 1.49 | (2.5) |
| RO5T5 | 3.61 | (1.0) | 3.67 | (3.5) | 3.67 | (3.5) | 3.67 | (3.5) | 3.67 | (3.5) |
| RO5T10 | 14.87 | (4.0) | 14.87 | (4.0) | 14.87 | (4.0) | 14.86 | (1.5) | 14.86 | (1.5) |
| RO5T15 | 0.78 | (1.0) | 0.79 | (3.5) | 0.79 | (3.5) | 0.79 | (3.5) | 0.79 | (3.5) |
| RO5T20 | 1.38 | (5.0) | 1.29 | (3.5) | 1.29 | (3.5) | 1.28 | (1.5) | 1.28 | (1.5) |
| RO10T5 | 25.92 | (1.0) | 25.95 | (2.5) | 25.95 | (2.5) | 25.96 | (4.5) | 25.96 | (4.5) |
| RO10T10 | 1.12 | (1.0) | 1.18 | (3.5) | 1.18 | (3.5) | 1.18 | (3.5) | 1.18 | (3.5) |
| RO10T15 | 0.68 | (3.0) | 0.68 | (3.0) | 0.68 | (3.0) | 0.68 | (3.0) | 0.68 | (3.0) |
| RO10T20 | 3.07 | (3.0) | 3.07 | (3.0) | 3.07 | (3.0) | 3.07 | (3.0) | 3.07 | (3.0) |
| Avg. Rank | | (3.2) | | (3.0) | | (3.0) | | (2.9) | | (2.9) |

Table 5: MSE_BR
Datasets: 12, Systems: 5
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|--------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|
| RO2T5 | 1.64 | (2.0) | 1.64 | (2.0) | 1.65 | (4.5) | 1.64 | (2.0) | 1.65 | (4.5) |
| RO2T10 | 0.95 | (5.0) | 0.90 | (4.0) | 0.88 | (1.5) | 0.89 | (3.0) | 0.88 | (1.5) |
| RO2T15 | 1.00 | (4.0) | 1.00 | (4.0) | 0.97 | (2.0) | 1.00 | (4.0) | 0.96 | (1.0) |
| RO2T20 | 1.54 | (5.0) | 1.50 | (4.0) | 1.49 | (2.5) | 1.49 | (2.5) | 1.48 | (1.0) |
| RO5T5 | 3.62 | (1.0) | 3.67 | (3.5) | 3.67 | (3.5) | 3.67 | (3.5) | 3.67 | (3.5) |
| RO5T10 | 14.85 | (1.0) | 14.88 | (3.5) | 14.88 | (3.5) | 14.88 | (3.5) | 14.88 | (3.5) |
| RO5T15 | 0.77 | (1.0) | 0.80 | (4.5) | 0.79 | (2.5) | 0.80 | (4.5) | 0.79 | (2.5) |
| RO5T20 | 1.38 | (5.0) | 1.32 | (3.5) | 1.29 | (2.0) | 1.32 | (3.5) | 1.28 | (1.0) |
| RO10T5 | 25.93 | (2.0) | 25.93 | (2.0) | 25.94 | (4.0) | 25.93 | (2.0) | 25.95 | (5.0) |
| RO10T10 | 1.11 | (1.0) | 1.16 | (2.5) | 1.17 | (4.0) | 1.16 | (2.5) | 1.18 | (5.0) |
| RO10T15 | 0.68 | (3.5) | 0.67 | (1.0) | 0.68 | (3.5) | 0.68 | (3.5) | 0.68 | (3.5) |
| RO10T20 | 3.07 | (2.0) | 3.08 | (4.5) | 3.07 | (2.0) | 3.08 | (4.5) | 3.07 | (2.0) |
| Avg. Rank | | (2.7) | | (3.2) | | (3.0) | | (3.2) | | (2.8) |

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

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|--------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|
| RO2T5 | 1.66 | (5.0) | 1.64 | (2.5) | 1.63 | (1.0) | 1.65 | (4.0) | 1.64 | (2.5) |
| RO2T10 | 0.96 | (5.0) | 0.90 | (3.5) | 0.89 | (1.5) | 0.90 | (3.5) | 0.89 | (1.5) |
| RO2T15 | 1.01 | (4.0) | 1.01 | (4.0) | 0.99 | (1.5) | 1.01 | (4.0) | 0.99 | (1.5) |
| RO2T20 | 1.55 | (5.0) | 1.50 | (3.5) | 1.49 | (1.5) | 1.50 | (3.5) | 1.49 | (1.5) |
| RO5T5 | 3.61 | (1.0) | 3.68 | (4.0) | 3.67 | (2.5) | 3.69 | (5.0) | 3.67 | (2.5) |
| RO5T10 | 14.88 | (3.0) | 14.91 | (4.5) | 14.87 | (2.0) | 14.91 | (4.5) | 14.86 | (1.0) |
| RO5T15 | 0.78 | (1.0) | 0.79 | (3.5) | 0.79 | (3.5) | 0.79 | (3.5) | 0.79 | (3.5) |
| RO5T20 | 1.38 | (5.0) | 1.34 | (3.0) | 1.29 | (1.5) | 1.35 | (4.0) | 1.29 | (1.5) |
| RO10T5 | 25.92 | (2.0) | 25.92 | (2.0) | 25.94 | (4.0) | 25.92 | (2.0) | 25.95 | (5.0) |
| RO10T10 | 1.12 | (1.0) | 1.16 | (3.0) | 1.17 | (4.0) | 1.15 | (2.0) | 1.18 | (5.0) |
| RO10T15 | 0.68 | (3.0) | 0.68 | (3.0) | 0.68 | (3.0) | 0.68 | (3.0) | 0.68 | (3.0) |
| RO10T20 | 3.07 | (2.0) | 3.08 | (4.5) | 3.07 | (2.0) | 3.08 | (4.5) | 3.07 | (2.0) |
| Avg. Rank | | (3.1) | | (3.4) | | (2.3) | | (3.6) | | (2.5) |

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

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|--------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|
| RO2T5 | 1.66 | (5.0) | 1.64 | (1.5) | 1.65 | (3.5) | 1.64 | (1.5) | 1.65 | (3.5) |
| RO2T10 | 0.93 | (5.0) | 0.90 | (4.0) | 0.88 | (1.5) | 0.89 | (3.0) | 0.88 | (1.5) |
| RO2T15 | 1.01 | (5.0) | 1.00 | (3.5) | 0.97 | (1.5) | 1.00 | (3.5) | 0.97 | (1.5) |
| RO2T20 | 1.54 | (5.0) | 1.50 | (3.5) | 1.50 | (3.5) | 1.49 | (1.5) | 1.49 | (1.5) |
| RO5T5 | 3.62 | (1.0) | 3.67 | (3.5) | 3.67 | (3.5) | 3.67 | (3.5) | 3.67 | (3.5) |
| RO5T10 | 14.86 | (1.5) | 14.90 | (4.5) | 14.87 | (3.0) | 14.90 | (4.5) | 14.86 | (1.5) |
| RO5T15 | 0.77 | (1.0) | 0.80 | (4.5) | 0.79 | (2.5) | 0.80 | (4.5) | 0.79 | (2.5) |
| RO5T20 | 1.38 | (5.0) | 1.35 | (3.5) | 1.28 | (1.5) | 1.35 | (3.5) | 1.28 | (1.5) |
| RO10T5 | 25.91 | (2.0) | 25.91 | (2.0) | 25.94 | (4.0) | 25.91 | (2.0) | 25.95 | (5.0) |
| RO10T10 | 1.12 | (1.0) | 1.16 | (3.0) | 1.17 | (4.0) | 1.15 | (2.0) | 1.18 | (5.0) |
| RO10T15 | 0.68 | (4.0) | 0.67 | (1.5) | 0.68 | (4.0) | 0.67 | (1.5) | 0.68 | (4.0) |
| RO10T20 | 3.07 | (2.0) | 3.08 | (4.5) | 3.07 | (2.0) | 3.08 | (4.5) | 3.07 | (2.0) |
| Avg. Rank | | (3.1) | | (3.3) | | (2.9) | | (3.0) | | (2.8) |

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

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|---------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| RO2T5 | 118.73 | (5.0) | 117.04 | (1.5) | 117.04 | (1.5) | 117.08 | (3.5) | 117.08 | (3.5) |
| RO2T10 | 96.47 | (5.0) | 92.25 | (3.5) | 92.25 | (3.5) | 91.99 | (1.5) | 91.99 | (1.5) |
| RO2T15 | 99.63 | (5.0) | 98.34 | (3.5) | 98.34 | (3.5) | 98.15 | (1.5) | 98.15 | (1.5) |
| RO2T20 | 114.72 | (5.0) | 112.30 | (3.5) | 112.30 | (3.5) | 111.91 | (1.5) | 111.91 | (1.5) |
| RO5T5 | 157.65 | (1.0) | 160.04 | (2.5) | 160.04 | (2.5) | 160.20 | (4.5) | 160.20 | (4.5) |
| RO5T10 | 190.40 | (1.0) | 192.87 | (4.5) | 192.87 | (4.5) | 192.86 | (2.5) | 192.86 | (2.5) |
| RO5T15 | 80.63 | (1.0) | 82.74 | (2.5) | 82.74 | (2.5) | 82.75 | (4.5) | 82.75 | (4.5) |
| RO5T20 | 110.39 | (5.0) | 106.76 | (3.5) | 106.76 | (3.5) | 106.66 | (1.5) | 106.66 | (1.5) |
| RO10T5 | 230.96 | (1.0) | 233.36 | (2.5) | 233.36 | (2.5) | 233.88 | (4.5) | 233.88 | (4.5) |
| RO10T10 | 78.59 | (1.0) | 81.31 | (2.5) | 81.31 | (2.5) | 81.54 | (4.5) | 81.54 | (4.5) |
| RO10T15 | 66.14 | (1.0) | 68.40 | (2.5) | 68.40 | (2.5) | 68.63 | (4.5) | 68.63 | (4.5) |
| RO10T20 | 151.00 | (5.0) | 150.84 | (1.5) | 150.84 | (1.5) | 150.88 | (3.5) | 150.88 | (3.5) |
| Avg. Rank | | (3.0) | | (2.8) | | (2.8) | | (3.2) | | (3.2) |

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

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|---------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| RO2T5 | 118.11 | (5.0) | 117.24 | (1.0) | 117.92 | (3.0) | 117.39 | (2.0) | 117.94 | (4.0) |
| RO2T10 | 95.54 | (5.0) | 92.38 | (4.0) | 91.62 | (2.0) | 92.14 | (3.0) | 91.35 | (1.0) |
| RO2T15 | 98.70 | (5.0) | 98.63 | (4.0) | 97.25 | (2.0) | 98.46 | (3.0) | 97.03 | (1.0) |
| RO2T20 | 114.46 | (5.0) | 112.58 | (4.0) | 112.23 | (2.0) | 112.36 | (3.0) | 111.81 | (1.0) |
| RO5T5 | 158.32 | (1.0) | 159.83 | (3.0) | 160.07 | (4.0) | 159.79 | (2.0) | 160.23 | (5.0) |
| RO5T10 | 189.55 | (1.0) | 192.90 | (3.0) | 193.18 | (5.0) | 192.84 | (2.0) | 193.15 | (4.0) |
| RO5T15 | 79.94 | (1.0) | 82.96 | (5.0) | 82.43 | (2.0) | 82.95 | (4.0) | 82.45 | (3.0) |
| RO5T20 | 110.42 | (5.0) | 108.55 | (4.0) | 106.79 | (2.0) | 108.41 | (3.0) | 106.70 | (1.0) |
| RO10T5 | 231.11 | (1.0) | 232.65 | (2.0) | 233.34 | (4.0) | 232.76 | (3.0) | 233.82 | (5.0) |
| RO10T10 | 77.69 | (1.0) | 79.90 | (3.0) | 81.04 | (4.0) | 79.73 | (2.0) | 81.27 | (5.0) |
| RO10T15 | 66.37 | (1.0) | 67.39 | (3.0) | 68.12 | (4.0) | 67.36 | (2.0) | 68.36 | (5.0) |
| RO10T20 | 150.96 | (3.0) | 151.27 | (4.0) | 150.76 | (1.0) | 151.29 | (5.0) | 150.79 | (2.0) |
| Avg. Rank | | (2.8) | | (3.3) | | (2.9) | | (2.8) | | (3.1) |

Table 10: RMSE_RC
Datasets: 12, Systems: 5
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|---------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| RO2T5 | 118.87 | (5.0) | 117.65 | (3.0) | 117.14 | (1.0) | 117.85 | (4.0) | 117.20 | (2.0) |
| RO2T10 | 96.04 | (5.0) | 92.76 | (4.0) | 92.09 | (2.0) | 92.49 | (3.0) | 91.83 | (1.0) |
| RO2T15 | 98.95 | (3.0) | 99.06 | (5.0) | 98.36 | (2.0) | 98.99 | (4.0) | 98.16 | (1.0) |
| RO2T20 | 114.65 | (5.0) | 112.81 | (4.0) | 112.33 | (2.0) | 112.70 | (3.0) | 111.92 | (1.0) |
| RO5T5 | 157.63 | (1.0) | 159.50 | (2.0) | 160.06 | (4.0) | 159.63 | (3.0) | 160.21 | (5.0) |
| RO5T10 | 190.59 | (1.0) | 192.56 | (3.0) | 192.78 | (5.0) | 192.33 | (2.0) | 192.77 | (4.0) |
| RO5T15 | 80.65 | (1.0) | 82.66 | (5.0) | 82.64 | (4.0) | 82.38 | (2.0) | 82.63 | (3.0) |
| RO5T20 | 110.28 | (5.0) | 109.38 | (3.0) | 106.72 | (2.0) | 109.42 | (4.0) | 106.61 | (1.0) |
| RO10T5 | 230.81 | (1.0) | 231.29 | (3.0) | 233.10 | (4.0) | 231.13 | (2.0) | 233.59 | (5.0) |
| RO10T10 | 78.70 | (1.0) | 79.21 | (3.0) | 81.02 | (4.0) | 79.02 | (2.0) | 81.24 | (5.0) |
| RO10T15 | 66.19 | (1.0) | 67.47 | (3.0) | 68.35 | (4.0) | 67.43 | (2.0) | 68.59 | (5.0) |
| RO10T20 | 151.00 | (4.0) | 150.91 | (3.0) | 150.81 | (1.0) | 151.02 | (5.0) | 150.87 | (2.0) |
| Avg. Rank | | (2.8) | | (3.4) | | (2.9) | | (3.0) | | (2.9) |

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

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|---------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| RO2T5 | 118.95 | (5.0) | 117.40 | (1.0) | 117.91 | (3.0) | 117.54 | (2.0) | 117.92 | (4.0) |
| RO2T10 | 94.42 | (5.0) | 92.63 | (4.0) | 91.63 | (2.0) | 92.28 | (3.0) | 91.36 | (1.0) |
| RO2T15 | 98.92 | (4.0) | 98.94 | (5.0) | 97.32 | (2.0) | 98.75 | (3.0) | 97.11 | (1.0) |
| RO2T20 | 114.47 | (5.0) | 112.61 | (4.0) | 112.40 | (3.0) | 112.39 | (2.0) | 112.00 | (1.0) |
| RO5T5 | 157.99 | (1.0) | 159.52 | (3.0) | 160.10 | (4.0) | 159.44 | (2.0) | 160.26 | (5.0) |
| RO5T10 | 190.01 | (1.0) | 192.54 | (3.0) | 192.79 | (5.0) | 192.19 | (2.0) | 192.78 | (4.0) |
| RO5T15 | 80.40 | (1.0) | 83.01 | (5.0) | 82.61 | (2.0) | 82.98 | (4.0) | 82.63 | (3.0) |
| RO5T20 | 110.56 | (5.0) | 109.65 | (4.0) | 106.63 | (2.0) | 109.61 | (3.0) | 106.52 | (1.0) |
| RO10T5 | 230.24 | (1.0) | 231.78 | (3.0) | 233.11 | (4.0) | 231.54 | (2.0) | 233.61 | (5.0) |
| RO10T10 | 78.43 | (1.0) | 79.34 | (3.0) | 81.19 | (4.0) | 79.00 | (2.0) | 81.42 | (5.0) |
| RO10T15 | 66.03 | (1.0) | 66.97 | (2.0) | 68.23 | (4.0) | 67.01 | (3.0) | 68.46 | (5.0) |
| RO10T20 | 150.85 | (1.5) | 151.41 | (4.5) | 150.85 | (1.5) | 151.41 | (4.5) | 150.89 | (3.0) |
| Avg. Rank | | (2.6) | | (3.5) | | (3.0) | | (2.7) | | (3.2) |

Table 12: RMSE_DBR
Datasets: 12, Systems: 5
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|---------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| RO2T5 | 98.76 | (5.0) | 96.81 | (3.5) | 96.81 | (3.5) | 96.75 | (1.5) | 96.75 | (1.5) |
| RO2T10 | 102.43 | (5.0) | 97.64 | (3.5) | 97.64 | (3.5) | 97.40 | (1.5) | 97.40 | (1.5) |
| RO2T15 | 102.93 | (5.0) | 101.71 | (3.5) | 101.71 | (3.5) | 101.50 | (1.5) | 101.50 | (1.5) |
| RO2T20 | 97.31 | (5.0) | 95.04 | (3.5) | 95.04 | (3.5) | 94.67 | (1.5) | 94.67 | (1.5) |
| RO5T5 | 99.72 | (1.0) | 109.21 | (2.5) | 109.21 | (2.5) | 109.91 | (4.5) | 109.91 | (4.5) |
| RO5T10 | 102.96 | (1.0) | 109.56 | (2.5) | 109.56 | (2.5) | 109.61 | (4.5) | 109.61 | (4.5) |
| RO5T15 | 101.21 | (1.0) | 112.94 | (4.5) | 112.94 | (4.5) | 112.63 | (2.5) | 112.63 | (2.5) |
| RO5T20 | 99.34 | (5.0) | 97.11 | (3.5) | 97.11 | (3.5) | 97.06 | (1.5) | 97.06 | (1.5) |
| RO10T5 | 114.05 | (1.0) | 131.27 | (2.5) | 131.27 | (2.5) | 133.48 | (4.5) | 133.48 | (4.5) |
| RO10T10 | 111.77 | (1.0) | 138.39 | (2.5) | 138.39 | (2.5) | 141.54 | (4.5) | 141.54 | (4.5) |
| RO10T15 | 110.24 | (1.0) | 143.53 | (2.5) | 143.53 | (2.5) | 144.62 | (4.5) | 144.62 | (4.5) |
| RO10T20 | 100.53 | (1.0) | 101.22 | (2.5) | 101.22 | (2.5) | 101.30 | (4.5) | 101.30 | (4.5) |
| Avg. Rank | | (2.7) | | (3.1) | | (3.1) | | (3.1) | | (3.1) |

Table 13: RRMSE_BR

Datasets: 12, Systems: 5

CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|---------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| RO2T5 | 98.07 | (5.0) | 97.00 | (1.0) | 97.78 | (4.0) | 97.07 | (2.0) | 97.71 | (3.0) |
| RO2T10 | 101.43 | (5.0) | 97.76 | (4.0) | 96.99 | (2.0) | 97.54 | (3.0) | 96.74 | (1.0) |
| RO2T15 | 102.20 | (5.0) | 102.00 | (4.0) | 100.72 | (2.0) | 101.82 | (3.0) | 100.49 | (1.0) |
| RO2T20 | 97.08 | (5.0) | 95.30 | (4.0) | 94.97 | (2.0) | 95.09 | (3.0) | 94.57 | (1.0) |
| RO5T5 | 101.02 | (1.0) | 106.94 | (3.0) | 109.30 | (4.0) | 106.85 | (2.0) | 110.01 | (5.0) |
| RO5T10 | 102.38 | (1.0) | 109.32 | (3.0) | 109.67 | (4.0) | 109.17 | (2.0) | 109.70 | (5.0) |
| RO5T15 | 100.42 | (1.0) | 113.25 | (5.0) | 112.38 | (3.0) | 112.76 | (4.0) | 112.06 | (2.0) |
| RO5T20 | 99.48 | (5.0) | 98.94 | (4.0) | 97.28 | (2.0) | 98.78 | (3.0) | 97.25 | (1.0) |
| RO10T5 | 115.41 | (1.0) | 128.36 | (2.0) | 130.92 | (4.0) | 128.61 | (3.0) | 133.10 | (5.0) |
| RO10T10 | 111.84 | (1.0) | 124.12 | (3.0) | 137.39 | (4.0) | 123.54 | (2.0) | 140.52 | (5.0) |
| RO10T15 | 111.90 | (1.0) | 136.60 | (3.0) | 142.72 | (4.0) | 135.34 | (2.0) | 143.83 | (5.0) |
| RO10T20 | 100.40 | (1.0) | 101.53 | (5.0) | 101.10 | (2.0) | 101.48 | (4.0) | 101.17 | (3.0) |
| Avg. Rank | | (2.7) | | (3.4) | | (3.1) | | (2.8) | | (3.1) |

Table 14: RRMSE_RC

Datasets: 12, Systems: 5

CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|---------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| RO2T5 | 98.92 | (5.0) | 97.42 | (3.0) | 96.91 | (2.0) | 97.53 | (4.0) | 96.87 | (1.0) |
| RO2T10 | 101.95 | (5.0) | 98.21 | (4.0) | 97.47 | (2.0) | 97.90 | (3.0) | 97.24 | (1.0) |
| RO2T15 | 102.43 | (4.5) | 102.43 | (4.5) | 101.73 | (2.0) | 102.34 | (3.0) | 101.52 | (1.0) |
| RO2T20 | 97.23 | (5.0) | 95.48 | (4.0) | 95.05 | (2.0) | 95.40 | (3.0) | 94.67 | (1.0) |
| RO5T5 | 99.70 | (1.0) | 104.15 | (3.0) | 109.17 | (4.0) | 103.84 | (2.0) | 109.87 | (5.0) |
| RO5T10 | 103.21 | (1.0) | 108.31 | (3.0) | 109.53 | (4.0) | 107.73 | (2.0) | 109.58 | (5.0) |
| RO5T15 | 101.26 | (1.0) | 111.77 | (3.0) | 112.62 | (5.0) | 109.50 | (2.0) | 112.28 | (4.0) |
| RO5T20 | 99.26 | (3.0) | 99.49 | (5.0) | 96.97 | (2.0) | 99.40 | (4.0) | 96.90 | (1.0) |
| RO10T5 | 114.78 | (2.0) | 116.08 | (3.0) | 130.35 | (4.0) | 113.17 | (1.0) | 132.48 | (5.0) |
| RO10T10 | 112.25 | (2.0) | 113.29 | (3.0) | 136.49 | (4.0) | 111.54 | (1.0) | 139.54 | (5.0) |
| RO10T15 | 110.43 | (1.0) | 134.56 | (3.0) | 142.92 | (4.0) | 131.36 | (2.0) | 143.99 | (5.0) |
| RO10T20 | 100.54 | (1.0) | 100.86 | (3.0) | 101.19 | (4.0) | 100.77 | (2.0) | 101.27 | (5.0) |
| Avg. Rank | | (2.6) | | (3.5) | | (3.2) | | (2.4) | | (3.2) |

Table 15: RRMSE_STA

Datasets: 12, Systems: 5

CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|---------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| RO2T5 | 98.92 | (5.0) | 97.17 | (1.0) | 97.76 | (4.0) | 97.24 | (2.0) | 97.67 | (3.0) |
| RO2T10 | 100.12 | (5.0) | 98.06 | (4.0) | 97.02 | (2.0) | 97.70 | (3.0) | 96.77 | (1.0) |
| RO2T15 | 102.44 | (5.0) | 102.34 | (4.0) | 100.81 | (2.0) | 102.14 | (3.0) | 100.57 | (1.0) |
| RO2T20 | 97.20 | (5.0) | 95.32 | (4.0) | 95.09 | (2.0) | 95.12 | (3.0) | 94.71 | (1.0) |
| RO5T5 | 100.39 | (1.0) | 105.16 | (3.0) | 109.38 | (4.0) | 104.69 | (2.0) | 110.08 | (5.0) |
| RO5T10 | 103.09 | (1.0) | 108.36 | (3.0) | 109.51 | (4.0) | 107.58 | (2.0) | 109.56 | (5.0) |
| RO5T15 | 100.97 | (1.0) | 113.62 | (5.0) | 112.61 | (3.0) | 112.92 | (4.0) | 112.31 | (2.0) |
| RO5T20 | 99.74 | (3.0) | 99.84 | (5.0) | 96.97 | (2.0) | 99.76 | (4.0) | 96.91 | (1.0) |
| RO10T5 | 115.37 | (1.0) | 121.35 | (3.0) | 130.68 | (4.0) | 117.88 | (2.0) | 132.86 | (5.0) |
| RO10T10 | 112.20 | (1.0) | 115.17 | (3.0) | 137.68 | (4.0) | 112.94 | (2.0) | 140.81 | (5.0) |
| RO10T15 | 110.47 | (1.0) | 134.65 | (2.0) | 142.63 | (4.0) | 135.35 | (3.0) | 143.70 | (5.0) |
| RO10T20 | 100.25 | (1.0) | 101.60 | (5.0) | 101.25 | (2.0) | 101.52 | (4.0) | 101.32 | (3.0) |
| Avg. Rank | | (2.5) | | (3.5) | | (3.1) | | (2.8) | | (3.1) |

Table 16: RRMSE_DBR

Datasets: 12, Systems: 5

CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|--------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| RO2T5 | 37.55 | (5.0) | 37.01 | (1.5) | 37.01 | (1.5) | 37.03 | (3.5) | 37.03 | (3.5) |
| RO2T10 | 30.51 | (5.0) | 29.17 | (3.5) | 29.17 | (3.5) | 29.09 | (1.5) | 29.09 | (1.5) |
| RO2T15 | 31.50 | (5.0) | 31.10 | (3.5) | 31.10 | (3.5) | 31.04 | (1.5) | 31.04 | (1.5) |
| RO2T20 | 36.28 | (5.0) | 35.51 | (3.5) | 35.51 | (3.5) | 35.39 | (1.5) | 35.39 | (1.5) |
| RO5T5 | 49.85 | (1.0) | 50.61 | (2.5) | 50.61 | (2.5) | 50.66 | (4.5) | 50.66 | (4.5) |
| RO5T10 | 60.21 | (1.0) | 60.99 | (3.5) | 60.99 | (3.5) | 60.99 | (3.5) | 60.99 | (3.5) |
| RO5T15 | 25.50 | (1.0) | 26.17 | (3.5) | 26.17 | (3.5) | 26.17 | (3.5) | 26.17 | (3.5) |
| RO5T20 | 34.91 | (5.0) | 33.76 | (3.5) | 33.76 | (3.5) | 33.73 | (1.5) | 33.73 | (1.5) |
| RO10T5 | 73.04 | (1.0) | 73.80 | (2.5) | 73.80 | (2.5) | 73.96 | (4.5) | 73.96 | (4.5) |
| RO10T10 | 24.85 | (1.0) | 25.71 | (2.5) | 25.71 | (2.5) | 25.78 | (4.5) | 25.78 | (4.5) |
| RO10T15 | 20.91 | (1.0) | 21.63 | (2.5) | 21.63 | (2.5) | 21.70 | (4.5) | 21.70 | (4.5) |
| RO10T20 | 47.75 | (5.0) | 47.70 | (1.5) | 47.70 | (1.5) | 47.71 | (3.5) | 47.71 | (3.5) |
| Avg. Rank | | (3.0) | | (2.8) | | (2.8) | | (3.2) | | (3.2) |

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

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|--------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| RO2T5 | 37.35 | (5.0) | 37.08 | (1.0) | 37.29 | (3.0) | 37.12 | (2.0) | 37.30 | (4.0) |
| RO2T10 | 30.21 | (5.0) | 29.21 | (4.0) | 28.97 | (2.0) | 29.14 | (3.0) | 28.89 | (1.0) |
| RO2T15 | 31.21 | (5.0) | 31.19 | (4.0) | 30.75 | (2.0) | 31.13 | (3.0) | 30.68 | (1.0) |
| RO2T20 | 36.20 | (5.0) | 35.60 | (4.0) | 35.49 | (2.0) | 35.53 | (3.0) | 35.36 | (1.0) |
| RO5T5 | 50.07 | (1.0) | 50.54 | (3.0) | 50.62 | (4.0) | 50.53 | (2.0) | 50.67 | (5.0) |
| RO5T10 | 59.94 | (1.0) | 61.00 | (3.0) | 61.09 | (5.0) | 60.98 | (2.0) | 61.08 | (4.0) |
| RO5T15 | 25.28 | (1.0) | 26.23 | (4.5) | 26.07 | (2.5) | 26.23 | (4.5) | 26.07 | (2.5) |
| RO5T20 | 34.92 | (5.0) | 34.33 | (4.0) | 33.77 | (2.0) | 34.28 | (3.0) | 33.74 | (1.0) |
| RO10T5 | 73.08 | (1.0) | 73.57 | (2.0) | 73.79 | (4.0) | 73.60 | (3.0) | 73.94 | (5.0) |
| RO10T10 | 24.57 | (1.0) | 25.27 | (3.0) | 25.63 | (4.0) | 25.21 | (2.0) | 25.70 | (5.0) |
| RO10T15 | 20.99 | (1.0) | 21.31 | (3.0) | 21.54 | (4.0) | 21.30 | (2.0) | 21.62 | (5.0) |
| RO10T20 | 47.74 | (3.0) | 47.83 | (4.0) | 47.67 | (1.0) | 47.84 | (5.0) | 47.69 | (2.0) |
| Avg. Rank | | (2.8) | | (3.3) | | (3.0) | | (2.9) | | (3.0) |

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

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|--------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| RO2T5 | 37.59 | (5.0) | 37.20 | (3.0) | 37.04 | (1.0) | 37.27 | (4.0) | 37.06 | (2.0) |
| RO2T10 | 30.37 | (5.0) | 29.33 | (4.0) | 29.12 | (2.0) | 29.25 | (3.0) | 29.04 | (1.0) |
| RO2T15 | 31.29 | (3.0) | 31.32 | (5.0) | 31.10 | (2.0) | 31.30 | (4.0) | 31.04 | (1.0) |
| RO2T20 | 36.26 | (5.0) | 35.67 | (4.0) | 35.52 | (2.0) | 35.64 | (3.0) | 35.39 | (1.0) |
| RO5T5 | 49.85 | (1.0) | 50.44 | (2.0) | 50.61 | (4.0) | 50.48 | (3.0) | 50.66 | (5.0) |
| RO5T10 | 60.27 | (1.0) | 60.89 | (3.0) | 60.96 | (4.5) | 60.82 | (2.0) | 60.96 | (4.5) |
| RO5T15 | 25.50 | (1.0) | 26.14 | (5.0) | 26.13 | (3.5) | 26.05 | (2.0) | 26.13 | (3.5) |
| RO5T20 | 34.87 | (5.0) | 34.59 | (3.0) | 33.75 | (2.0) | 34.60 | (4.0) | 33.71 | (1.0) |
| RO10T5 | 72.99 | (1.0) | 73.14 | (3.0) | 73.71 | (4.0) | 73.09 | (2.0) | 73.87 | (5.0) |
| RO10T10 | 24.89 | (1.0) | 25.05 | (3.0) | 25.62 | (4.0) | 24.99 | (2.0) | 25.69 | (5.0) |
| RO10T15 | 20.93 | (1.0) | 21.34 | (3.0) | 21.62 | (4.0) | 21.32 | (2.0) | 21.69 | (5.0) |
| RO10T20 | 47.75 | (4.0) | 47.72 | (3.0) | 47.69 | (1.0) | 47.76 | (5.0) | 47.71 | (2.0) |
| Avg. Rank | | (2.8) | | (3.4) | | (2.8) | | (3.0) | | (3.0) |

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

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|--------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| RO2T5 | 37.62 | (5.0) | 37.13 | (1.0) | 37.29 | (3.5) | 37.17 | (2.0) | 37.29 | (3.5) |
| RO2T10 | 29.86 | (5.0) | 29.29 | (4.0) | 28.98 | (2.0) | 29.18 | (3.0) | 28.89 | (1.0) |
| RO2T15 | 31.28 | (4.0) | 31.29 | (5.0) | 30.78 | (2.0) | 31.23 | (3.0) | 30.71 | (1.0) |
| RO2T20 | 36.20 | (5.0) | 35.61 | (4.0) | 35.54 | (2.5) | 35.54 | (2.5) | 35.42 | (1.0) |
| RO5T5 | 49.96 | (1.0) | 50.44 | (3.0) | 50.63 | (4.0) | 50.42 | (2.0) | 50.68 | (5.0) |
| RO5T10 | 60.09 | (1.0) | 60.89 | (3.0) | 60.97 | (5.0) | 60.77 | (2.0) | 60.96 | (4.0) |
| RO5T15 | 25.42 | (1.0) | 26.25 | (5.0) | 26.12 | (2.0) | 26.24 | (4.0) | 26.13 | (3.0) |
| RO5T20 | 34.96 | (5.0) | 34.68 | (4.0) | 33.72 | (2.0) | 34.66 | (3.0) | 33.68 | (1.0) |
| RO10T5 | 72.81 | (1.0) | 73.30 | (3.0) | 73.71 | (4.0) | 73.22 | (2.0) | 73.87 | (5.0) |
| RO10T10 | 24.80 | (1.0) | 25.09 | (3.0) | 25.67 | (4.0) | 24.98 | (2.0) | 25.75 | (5.0) |
| RO10T15 | 20.88 | (1.0) | 21.18 | (2.0) | 21.58 | (4.0) | 21.19 | (3.0) | 21.65 | (5.0) |
| RO10T20 | 47.70 | (1.5) | 47.88 | (4.5) | 47.70 | (1.5) | 47.88 | (4.5) | 47.72 | (3.0) |
| Avg. Rank | | (2.6) | | (3.5) | | (3.0) | | (2.8) | | (3.1) |

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

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|--------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|
| RO2T5 | 0.02 | (5.0) | 0.06 | (2.5) | 0.06 | (2.5) | 0.06 | (2.5) | 0.06 | (2.5) |
| RO2T10 | -0.06 | (5.0) | 0.04 | (2.5) | 0.04 | (2.5) | 0.04 | (2.5) | 0.04 | (2.5) |
| RO2T15 | -0.06 | (5.0) | -0.04 | (3.5) | -0.04 | (3.5) | -0.03 | (1.5) | -0.03 | (1.5) |
| RO2T20 | 0.05 | (5.0) | 0.1 | (2.5) | 0.1 | (2.5) | 0.1 | (2.5) | 0.1 | (2.5) |
| RO5T5 | 0.00 | (1.0) | -0.28 | (2.5) | -0.28 | (2.5) | -0.31 | (4.5) | -0.31 | (4.5) |
| RO5T10 | -0.06 | (1.0) | -0.24 | (3.5) | -0.24 | (3.5) | -0.24 | (3.5) | -0.24 | (3.5) |
| RO5T15 | -0.03 | (1.0) | -0.43 | (4.5) | -0.43 | (4.5) | -0.41 | (2.5) | -0.41 | (2.5) |
| RO5T20 | 0.01 | (5.0) | 0.05 | (2.5) | 0.05 | (2.5) | 0.05 | (2.5) | 0.05 | (2.5) |
| RO10T5 | -0.66 | (1.0) | -2.6 | (2.5) | -2.6 | (2.5) | -2.9 | (4.5) | -2.9 | (4.5) |
| RO10T10 | -0.31 | (1.0) | -1.9 | (2.5) | -1.9 | (2.5) | -2.2 | (4.5) | -2.2 | (4.5) |
| RO10T15 | -0.29 | (1.0) | -3.1 | (3.5) | -3.1 | (3.5) | -3.1 | (3.5) | -3.1 | (3.5) |
| RO10T20 | -0.01 | (1.0) | -0.03 | (3.5) | -0.03 | (3.5) | -0.03 | (3.5) | -0.03 | (3.5) |
| Avg. Rank | | (2.7) | | (3.0) | | (3.0) | | (3.2) | | (3.2) |

Table 21: R2_BR
Datasets: 12, Systems: 5
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|--------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|
| RO2T5 | 0.04 | (4.0) | 0.06 | (1.5) | 0.04 | (4.0) | 0.06 | (1.5) | 0.04 | (4.0) |
| RO2T10 | -0.04 | (5.0) | 0.04 | (3.5) | 0.05 | (2.0) | 0.04 | (3.5) | 0.06 | (1.0) |
| RO2T15 | -0.05 | (5.0) | -0.04 | (3.5) | -0.02 | (2.0) | -0.04 | (3.5) | -0.01 | (1.0) |
| RO2T20 | 0.06 | (5.0) | 0.09 | (3.5) | 0.1 | (1.5) | 0.09 | (3.5) | 0.1 | (1.5) |
| RO5T5 | -0.02 | (1.0) | -0.19 | (2.5) | -0.28 | (4.0) | -0.19 | (2.5) | -0.31 | (5.0) |
| RO5T10 | -0.05 | (1.0) | -0.23 | (2.5) | -0.24 | (4.5) | -0.23 | (2.5) | -0.24 | (4.5) |
| RO5T15 | -0.01 | (1.0) | -0.44 | (5.0) | -0.42 | (4.0) | -0.41 | (3.0) | -0.4 | (2.0) |
| RO5T20 | 0.01 | (5.0) | 0.02 | (3.5) | 0.05 | (1.0) | 0.02 | (3.5) | 0.04 | (2.0) |
| RO10T5 | -0.74 | (1.0) | -2.2 | (2.0) | -2.5 | (4.0) | -2.2 | (3.0) | -2.8 | (5.0) |
| RO10T10 | -0.32 | (1.0) | -1.1 | (2.0) | -1.9 | (4.0) | -1.2 | (3.0) | -2.1 | (5.0) |
| RO10T15 | -0.33 | (1.0) | -2.8 | (3.0) | -3 | (4.5) | -2.7 | (2.0) | -3 | (4.5) |
| RO10T20 | -0.01 | (1.0) | -0.04 | (4.5) | -0.03 | (2.5) | -0.04 | (4.5) | -0.03 | (2.5) |
| Avg. Rank | | (2.6) | | (3.1) | | (3.2) | | (3.0) | | (3.2) |

Table 22: R2_RC
Datasets: 12, Systems: 5
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|--------------|----------------|---------------------|-------|---------------------|----------------|---------------------|----------------|---------------------|----------------|
| RO2T5 | 0.02 | (5.0) | 0.05 | (3.5) | 0.06 | (1.5) | 0.05 | (3.5) | 0.06 | (1.5) |
| RO2T10 | -0.05 | (5.0) | 0.03 | (3.5) | 0.04 | (2.0) | 0.03 | (3.5) | 0.05 | (1.0) |
| RO2T15 | -0.05 | (4.0) | -0.05 | (4.0) | -0.04 | (2.0) | -0.05 | (4.0) | -0.03 | (1.0) |
| RO2T20 | 0.05 | (5.0) | 0.09 | (3.5) | 0.1 | (1.5) | 0.09 | (3.5) | 0.1 | (1.5) |
| RO5T5 | 0.01 | (1.0) | -0.11 | (3.0) | -0.28 | (4.0) | -0.1 | (2.0) | -0.3 | (5.0) |
| RO5T10 | -0.07 | (1.0) | -0.21 | (3.0) | -0.24 | (4.5) | -0.19 | (2.0) | -0.24 | (4.5) |
| RO5T15 | -0.03 | (1.0) | -0.37 | (3.0) | -0.42 | (5.0) | -0.28 | (2.0) | -0.4 | (4.0) |
| RO5T20 | 0.01 | (4.0) | 0.01 | (4.0) | 0.05 | (1.5) | 0.01 | (4.0) | 0.05 | (1.5) |
| RO10T5 | -0.75 | (2.0) | -0.78 | (3.0) | -2.5 | (4.0) | -0.54 | (1.0) | -2.8 | (5.0) |
| RO10T10 | -0.33 | (2.0) | -0.35 | (3.0) | -1.8 | (4.0) | -0.29 | (1.0) | -2 | (5.0) |
| RO10T15 | -0.29 | (1.0) | -2.7 | (3.0) | -3 | (4.5) | -2.3 | (2.0) | -3 | (4.5) |
| RO10T20 | -0.01 | (1.0) | -0.02 | (2.5) | -0.03 | (4.5) | -0.02 | (2.5) | -0.03 | (4.5) |
| Avg. Rank | | (2.7) | | (3.2) | | (3.2) | | (2.6) | | (3.2) |

Table 23: R2_STA
Datasets: 12, Systems: 5
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6

| | NOZS | | MTZS _{SRE} | | ZSMT _{SRE} | | MTZS _{SRM} | | ZSMT _{SRM} | |
|-----------|--------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|
| RO2T5 | 0.02 | (5.0) | 0.05 | (1.5) | 0.04 | (3.5) | 0.05 | (1.5) | 0.04 | (3.5) |
| RO2T10 | -0.01 | (5.0) | 0.03 | (4.0) | 0.05 | (2.0) | 0.04 | (3.0) | 0.06 | (1.0) |
| RO2T15 | -0.06 | (5.0) | -0.05 | (3.5) | -0.02 | (2.0) | -0.05 | (3.5) | -0.01 | (1.0) |
| RO2T20 | 0.05 | (5.0) | 0.09 | (3.0) | 0.09 | (3.0) | 0.09 | (3.0) | 0.1 | (1.0) |
| RO5T5 | -0.01 | (1.0) | -0.13 | (3.0) | -0.28 | (4.0) | -0.12 | (2.0) | -0.31 | (5.0) |
| RO5T10 | -0.07 | (1.0) | -0.21 | (3.0) | -0.24 | (4.5) | -0.19 | (2.0) | -0.24 | (4.5) |
| RO5T15 | -0.02 | (1.0) | -0.45 | (5.0) | -0.42 | (3.5) | -0.42 | (3.5) | -0.4 | (2.0) |
| RO5T20 | 0.00 | (4.0) | 0.00 | (4.0) | 0.05 | (1.5) | 0.00 | (4.0) | 0.05 | (1.5) |
| RO10T5 | -0.9 | (1.0) | -1.3 | (3.0) | -2.5 | (4.0) | -0.94 | (2.0) | -2.8 | (5.0) |
| RO10T10 | -0.33 | (1.0) | -0.42 | (3.0) | -1.9 | (4.0) | -0.34 | (2.0) | -2.1 | (5.0) |
| RO10T15 | -0.28 | (1.0) | -3.1 | (4.0) | -3 | (2.5) | -3.6 | (5.0) | -3 | (2.5) |
| RO10T20 | -0.01 | (1.0) | -0.04 | (4.5) | -0.03 | (2.5) | -0.04 | (4.5) | -0.03 | (2.5) |
| Avg. Rank | | (2.6) | | (3.5) | | (3.1) | | (3.0) | | (2.9) |

Table 24: R2_DBR
Datasets: 12, Systems: 5
CD 1%: 2.1 — CD 5%: 1.8 — CD 10%: 1.6