Supplementary Table 3: Count of RNAs, mean, standard deviation, minimum value, 25% or Q1, 50% or Q2, 75% or Q3, maximum value, Interquartile range (IQR) of Accuracy, Precision, Recall, Specificity and F1 Score of the 25 pseudoknotted structures.

|  |  |  |  |
| --- | --- | --- | --- |
| **Metrices** | | **SPOT-RNA** | **UFold** |
| **Accuracy** | count | 25 | 25 |
| mean | 0.77 | 0.82 |
| std | 0.17 | 0.13 |
| min | 0.17 | 0.40 |
| 25% | 0.70 | 0.78 |
| 50% | 0.80 | 0.82 |
| 75% | 0.87 | 0.90 |
| max | 1.00 | 1.00 |
| IQR | 0.16 | 0.12 |
| **Precision** | count | 25 | 25 |
| mean | 0.79 | 0.79 |
| std | 0.19 | 0.14 |
| min | 0.00 | 0.36 |
| 25% | 0.78 | 0.73 |
| 50% | 0.80 | 0.80 |
| 75% | 0.85 | 0.89 |
| max | 1.00 | 1.00 |
| IQR | 0.07 | 0.16 |
| **F1-Score** | count | 25 | 25 |
| mean | 0.78 | 0.85 |
| std | 0.20 | 0.13 |
| min | 0.00 | 0.40 |
| 25% | 0.70 | 0.80 |
| 50% | 0.81 | 0.87 |
| 75% | 0.89 | 0.92 |
| max | 1.00 | 1.00 |
| IQR | 0.19 | 0.12 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Metrices** | | **SPOT-RNA** | **UFold** |
| **Recall** | count | 25 | 25 |
| mean | 0.79 | 0.91 |
| std | 0.23 | 0.13 |
| min | 0.00 | 0.45 |
| 25% | 0.64 | 0.91 |
| 50% | 0.85 | 0.95 |
| 75% | 0.97 | 1.00 |
| max | 1.00 | 1.00 |
| IQR | 0.32 | 0.09 |
| **Specificity** | count | 25 | 25 |
| mean | 0.74 | 0.68 |
| std | 0.16 | 0.18 |
| min | 0.24 | 0.29 |
| 25% | 0.67 | 0.60 |
| 50% | 0.74 | 0.67 |
| 75% | 0.79 | 0.83 |
| max | 1.00 | 1.00 |
| IQR | 0.12 | 0.23 |