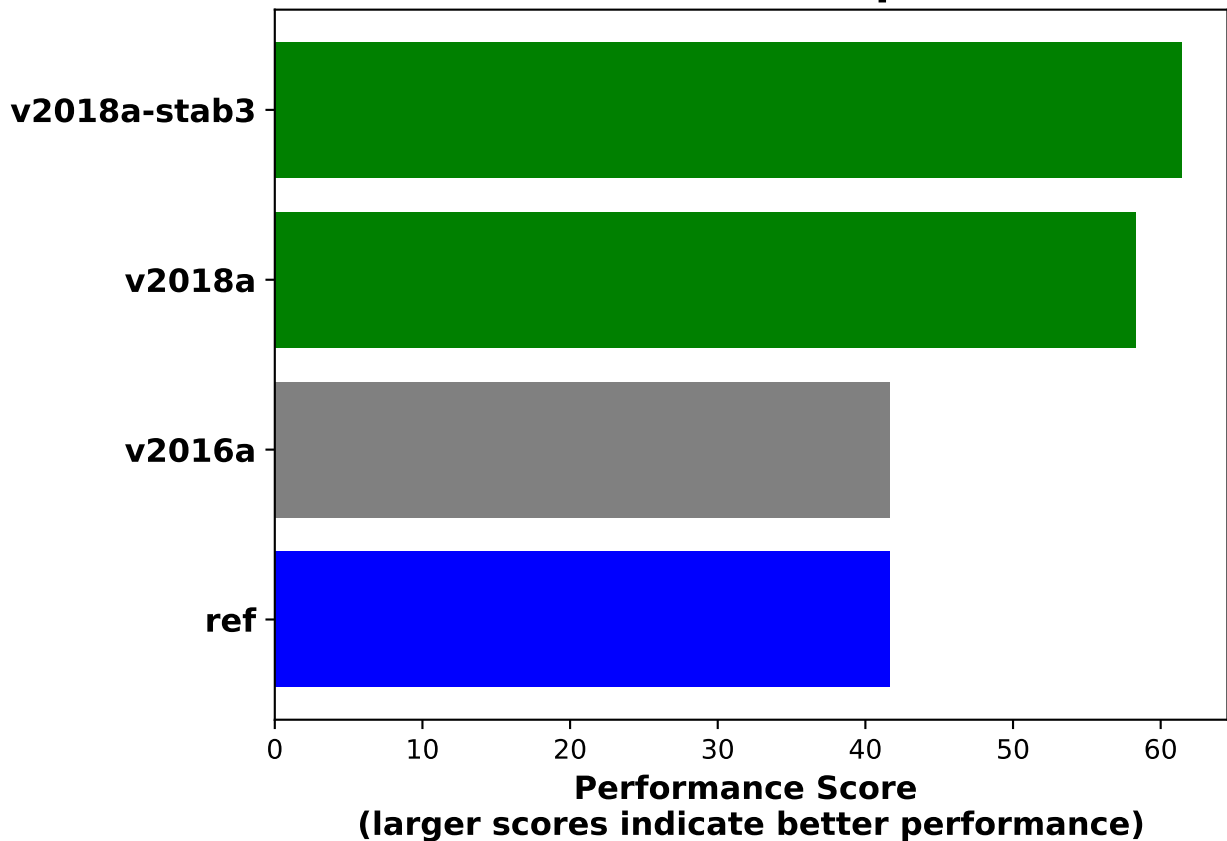


Performance Comparison



MBE (N=7450)

| | | | | |
|--------------|------------|---------------|---------------|---------------------|
| QS | 25.63 | 25.63 | 25.62 | 25.62 |
| QN | 7.87 | 7.87 | 7.87 | 7.87 |
| QH | -2.32 | -2.32 | -4.42 | -3.61 |
| QF | -26.23 | -26.23 | -26.19 | -26.19 |
| QE | 9.05 | 9.05 | 11.20 | 10.39 |
| Lup | -5.18 | -5.18 | -5.18 | -5.18 |
| Ldown | 2.34 | 2.34 | 2.34 | 2.34 |
| Kup | -1.29 | -1.29 | -1.29 | -1.29 |
| Kdown | -0.94 | -0.94 | -0.94 | -0.94 |
| | ref | v2016a | v2018a | v2018a-stab3 |

MAE (N=7450)

| | | | | |
|--------------|------------|---------------|---------------|---------------------|
| QS | 71.50 | 71.50 | 68.23 | 68.23 |
| QN | 35.33 | 35.33 | 35.33 | 35.33 |
| QH | 35.73 | 35.73 | 34.51 | 34.56 |
| QF | 33.06 | 33.06 | 33.07 | 33.07 |
| QE | 16.76 | 16.76 | 18.46 | 17.99 |
| Lup | 7.84 | 7.84 | 7.84 | 7.84 |
| Ldown | 26.73 | 26.73 | 26.73 | 26.73 |
| Kup | 4.24 | 4.24 | 4.24 | 4.24 |
| Kdown | 22.06 | 22.06 | 22.06 | 22.06 |
| | ref | v2016a | v2018a | v2018a-stab3 |

RMSE (N=7450)

| | | | | |
|--------------|------------|---------------|---------------|---------------------|
| QS | 88.06 | 88.06 | 83.76 | 83.76 |
| QN | 45.38 | 45.38 | 45.38 | 45.38 |
| QH | 45.16 | 45.16 | 43.31 | 43.39 |
| QF | 47.49 | 47.49 | 47.47 | 47.47 |
| QE | 24.05 | 24.05 | 27.72 | 27.02 |
| Lup | 9.31 | 9.31 | 9.31 | 9.31 |
| Ldown | 30.02 | 30.02 | 30.02 | 30.02 |
| Kup | 6.71 | 6.71 | 6.71 | 6.71 |
| Kdown | 41.06 | 41.06 | 41.06 | 41.06 |
| | ref | v2016a | v2018a | v2018a-stab3 |