

| Model                | CV R <sup>2</sup><br>(mean) | CV R <sup>2</sup><br>(std) | CV RMSE<br>(mean) | CV RMSE<br>(std) | Train R <sup>2</sup> | Train<br>RMSE | Test R <sup>2</sup> | Test<br>RMSE |
|----------------------|-----------------------------|----------------------------|-------------------|------------------|----------------------|---------------|---------------------|--------------|
| Linear<br>Regression | 0.022                       | 0.082                      | 3.464             | 0.359            | 0.094                | 3.367         | 0.143               | 3.137        |
| Random<br>Forest     | 0.166                       | 0.058                      | 3.2               | 0.334            | 0.431                | 2.669         | 0.327               | 2.781        |
| Gradient<br>Boosting | 0.103                       | 0.033                      | 3.318             | 0.302            | 0.57                 | 2.318         | 0.358               | 2.715        |