**Comparison of R and Cpp for QR decomposition**

|  |  |  |
| --- | --- | --- |
| Size of Matrix (NXN) | R (seconds) | CPP (Seconds) |
| 100 | 0.009 | 0 |
| 200 | 0.395 | 0 |
| 300 | 0.2.808 | 0.001 |
| 400 | 9.267 | 0.006 |
| 500 | 25.721 | 0.020 |
| 600 | 50.331 | 0.030 |

c(0, 0, 0.001, 0.006, 0.020, 0.030)



