n_d	3	10	100	500	1000
Classic	2.05×10^{-4}	3.86×10^{-4}	1.63×10^{-3}	3.30×10^{-3}	2.82×10^{-3}
Quater.	1.11×10^{-4}	2.54×10^{-4}	1.45×10^{-3}	3.02×10^{-3}	2.54×10^{-3}
Improv	85.32%	51.95%	12.24%	9.19%	11.08%

Table 1: Improvement percentage in geometric means of `QuaternionBP` in relation to `ClassicBP` considering results of the benchmark.