Best Case

- The best possible result we could expect from an algorithm at runtime. Expressed as Ω.

- Not a useful concept. Many algorithms can get lucky and produce a result of $\Omega(N)$

Expected Case

- The average result we could expect from an algorithm at runtime. Expressed as Θ

- Useful for differentiating searching and sorting algorithms

- The "real world" performance of an algorithm. Outliers should be expected and taken into account, but are not the norm