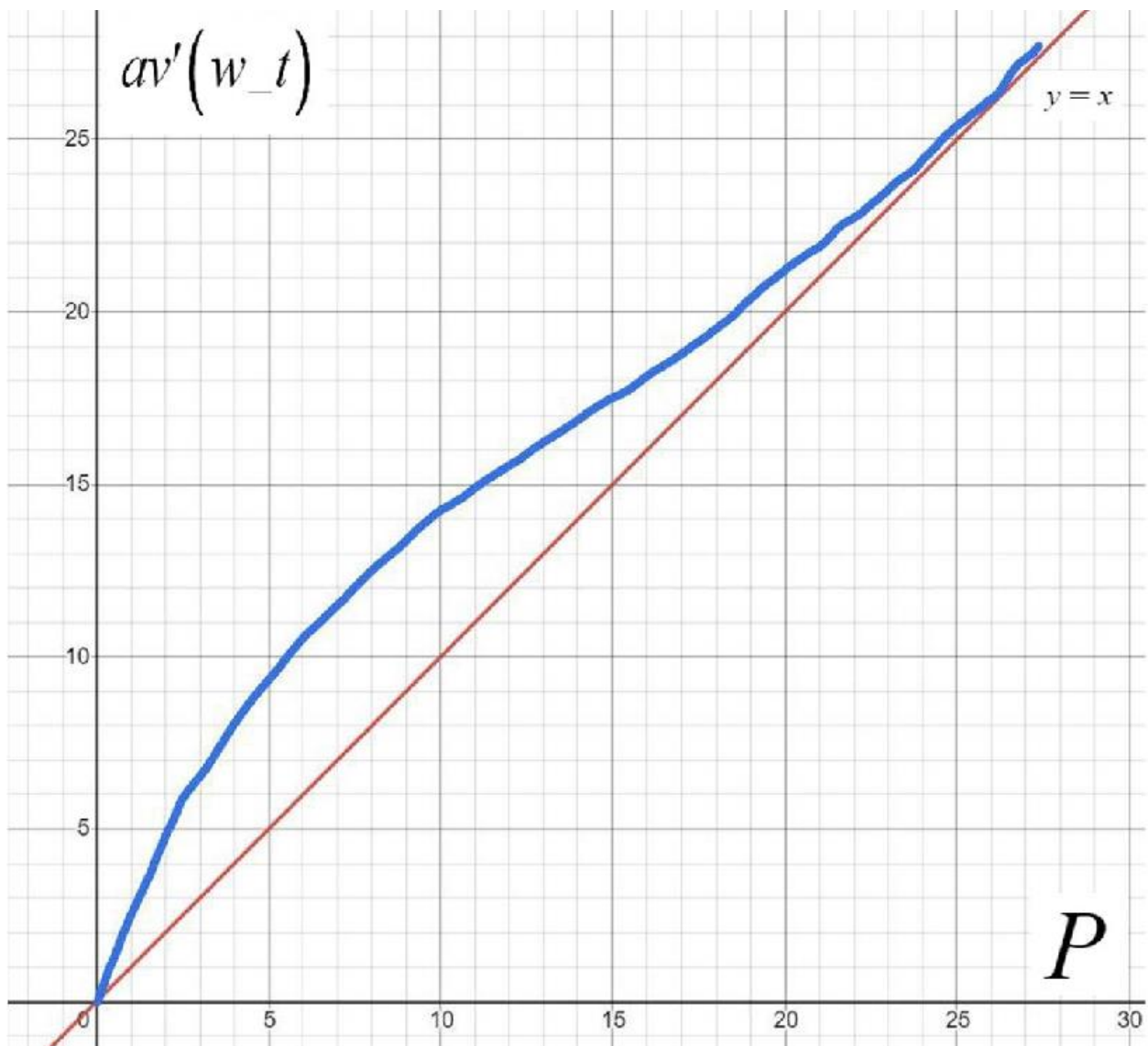


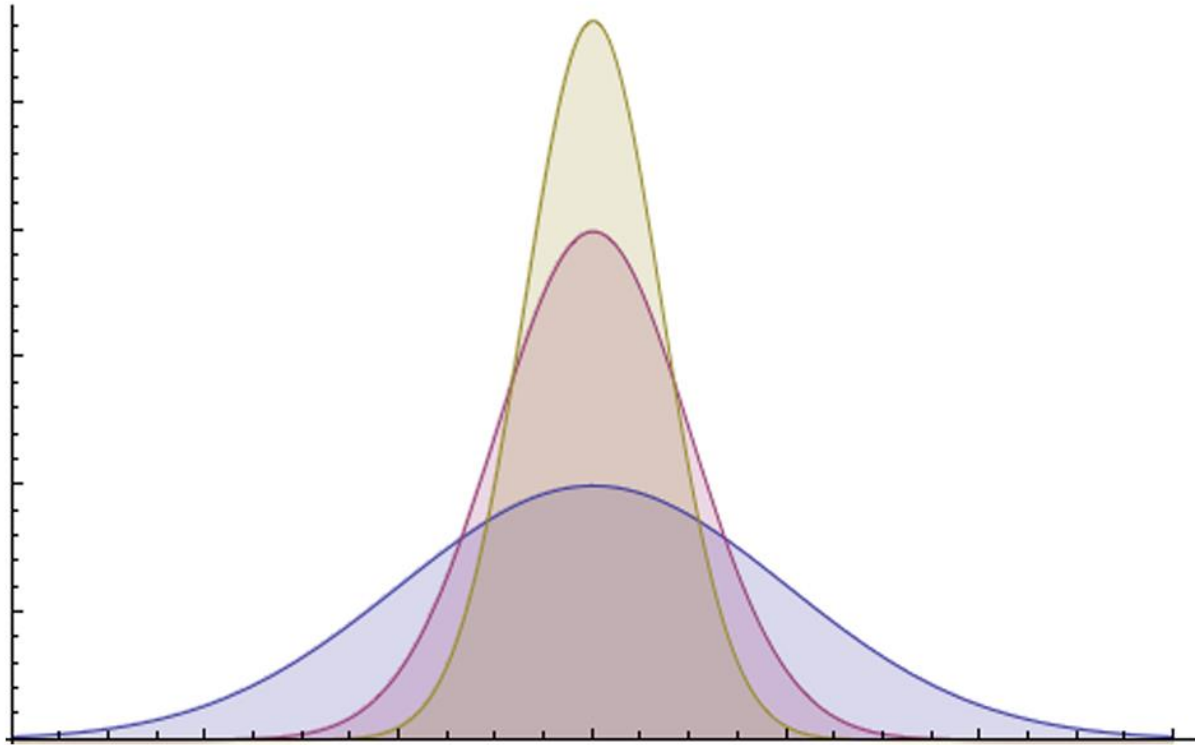
Interpreting the Results

By examining the relationship between the increase in the number of processes and the average waiting time, we can understand that the relationship between the number of processes and the derivatives of the average waiting times obtained for a fixed number of experiments is as follows: Initially, with an increase in the number of processes, the average waiting time increases non-linearly. Then, as the number of processes continues to grow, this relationship approaches a linear function, such as $y = x$.

A similar pattern can be observed for the turn-around time.



Additionally, the number of processes exhibits a non-linear direct relationship with the standard deviation. For both time parameters, with an increase in the number of experiments, it can be concluded that the standard deviation of the given parameters decreases. This is because the dispersion of the resulting times becomes smaller, leading to higher accuracy.



As depicted, as the standard deviation decreases, the distribution curve becomes narrower and taller, indicating higher precision. The mode value is typically not dependent on changes in the number of experiments and is usually within specific intervals that depend on the number of processes.