**Summary Report**

**Objective**:  
The aim of the simulation was to assess how socio-economic factors, such as GDP growth and a reduction in mortality rates, affect life expectancy. By modeling these changes, we can observe the potential impact on societal well-being and population health.

**Key Factors Analyzed**:

1. **GDP Increase**: The simulation aimed to see how a rise in GDP could contribute to extended life expectancy.
2. **Decrease in Mortality**: The simulation examined the effect of reducing mortality on overall life span.

**Simulation Results**:

* **Life Expectancy with Increased GDP**: The model shows that as GDP increases, life expectancy shows a corresponding upward trend.
* **Impact of Decreased Mortality**: The decrease in mortality also leads to a significant rise in life expectancy. Lower mortality rates contribute to this decrease.

**Conclusion**:  
The simulation demonstrates a positive correlation between socio-economic improvements (higher GDP and lower mortality rates) and life expectancy.