

Figure 1 is a line plot showing the fitness of the best individuals in the population over 100 generations. The x-axis is labeled "Fitness of $2n+1^*$, w_{2n+1}^* " and ranges from 1.01 to 1.04. The y-axis represents generations from 0 to 100. The fitness remains constant at approximately 1.035 until generation 40, where it drops sharply to approximately 1.015 and remains constant thereafter. A vertical dashed line is drawn at generation 40.

Fitness of $2n+1^*$, w_{2n+1}^*