

Table 1: Comparison of Normal GA and Chaos GA Across Three Periods

Methods	Last Season		This Season Mid		This Season End	
	Normal GA	Chaos GA	Normal GA	Chaos GA	Normal GA	Chaos GA
Time (seconds)	264.12	109.70	302.68	242.44	427.81	415.40
Generations	49.2	24.4	64.20	47.40	63.2	85.4