

Criteria	No Crossover $P_c = 0$	Crossover All Time $P_c = 1$
Low Population Size	ONLY mutation will converge and Find soln but not best so far High no. gens	Destroys soln all the way hard to converge High No. gens
High Population Size	ONLY mutation will converge and Find soln but not keep - best-so-far Needs Low No. gens	Destroys soln all way and provide high variability but not best Needs Low No. gens
Elitism	will keep best-so far converges to optimal soln	get distracted but converges to optimal soln