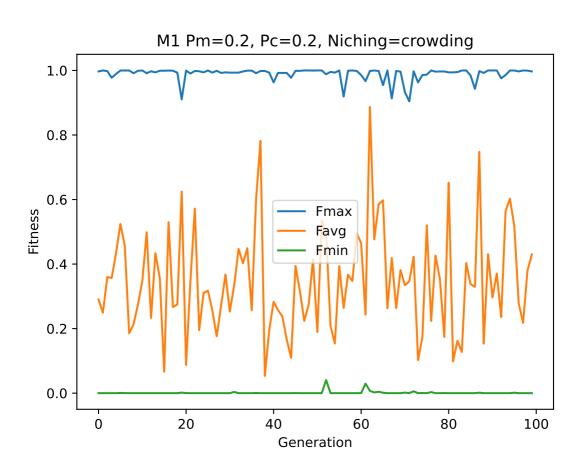
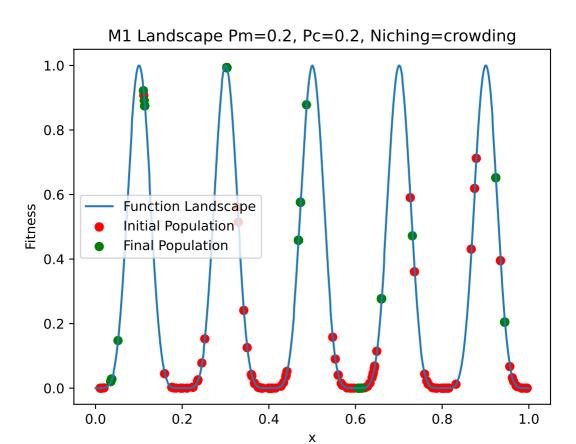
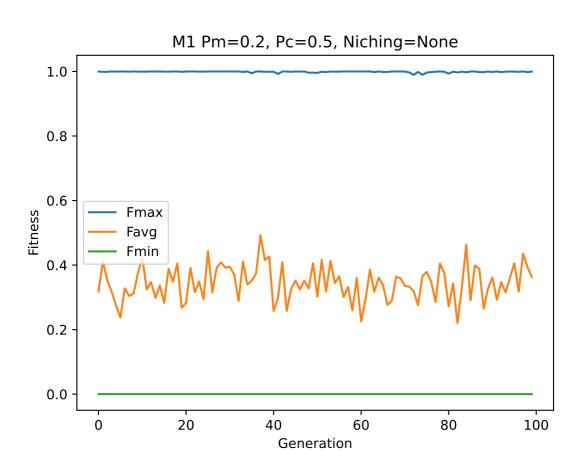


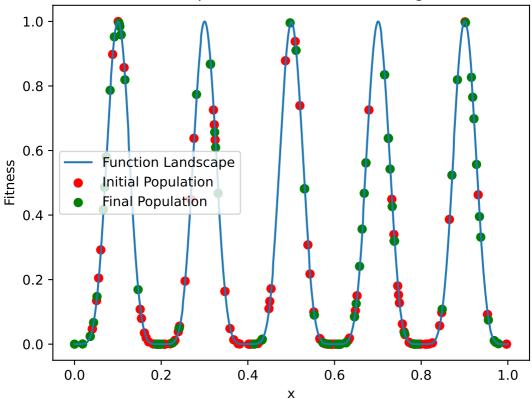
M1 Landscape Pm=0.2, Pc=0.2, Niching=sharing 1.0 8.0 0.6 Fitness Function Landscape **Initial Population** Final Population 0.4 0.2 0.0 0.4 0.0 0.2 0.6 8.0 1.0



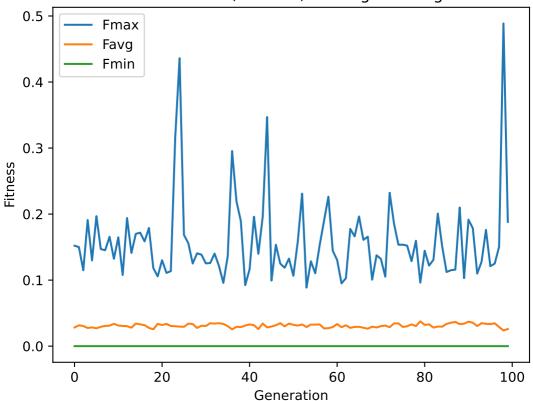




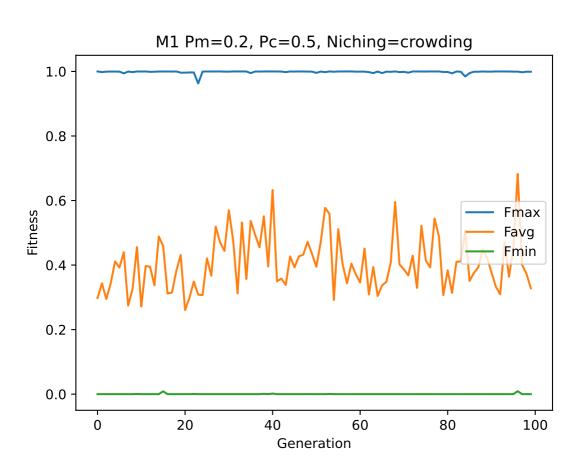
M1 Landscape Pm=0.2, Pc=0.5, Niching=None



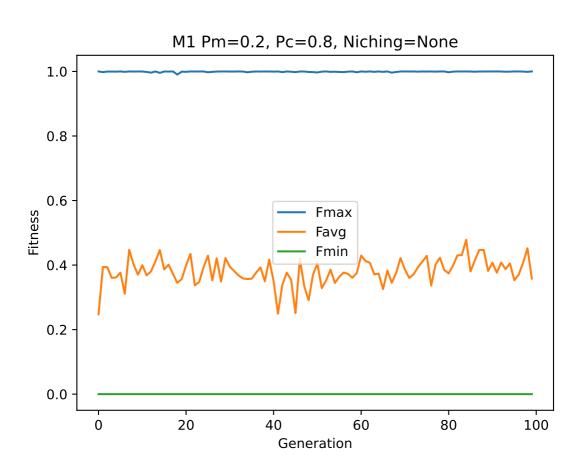
M1 Pm=0.2, Pc=0.5, Niching=sharing



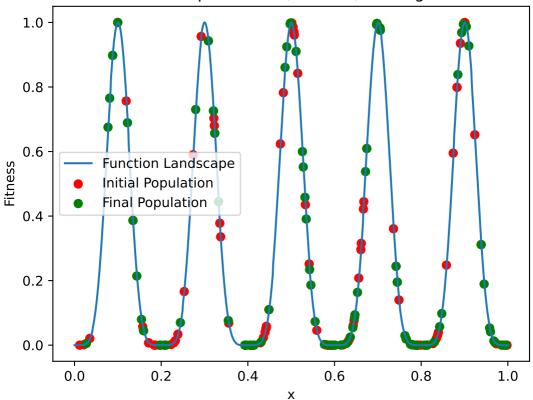
M1 Landscape Pm=0.2, Pc=0.5, Niching=sharing 1.0 8.0 0.6 Fitness Function Landscape **Initial Population** Final Population 0.4 0.2 0.0 0.0 0.2 0.4 0.6 8.0 1.0

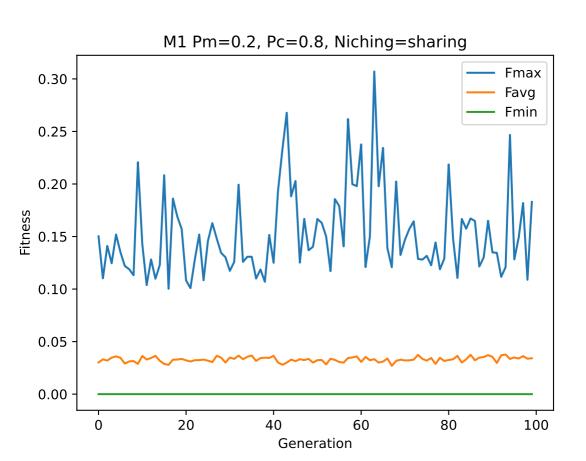


M1 Landscape Pm=0.2, Pc=0.5, Niching=crowding 1.0 8.0 0.6 **Function Landscape** Fitness **Initial Population** Final Population 0.4 0.2 0.0 0.0 0.2 0.4 0.6 8.0 1.0

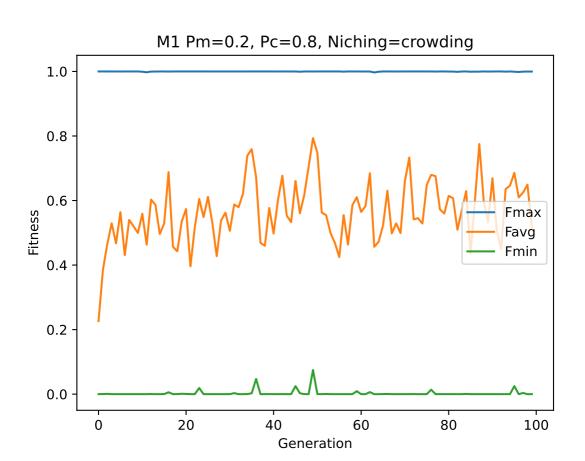


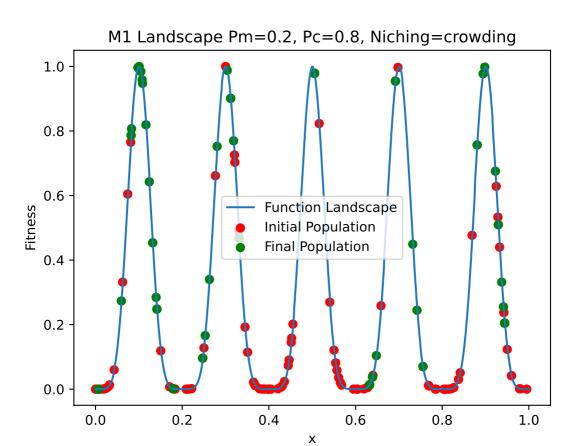
M1 Landscape Pm=0.2, Pc=0.8, Niching=None

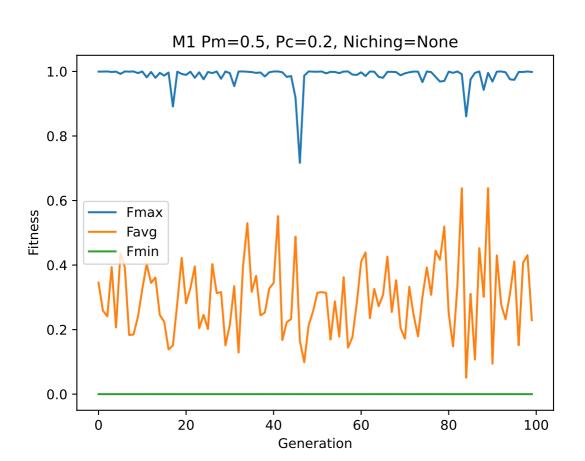


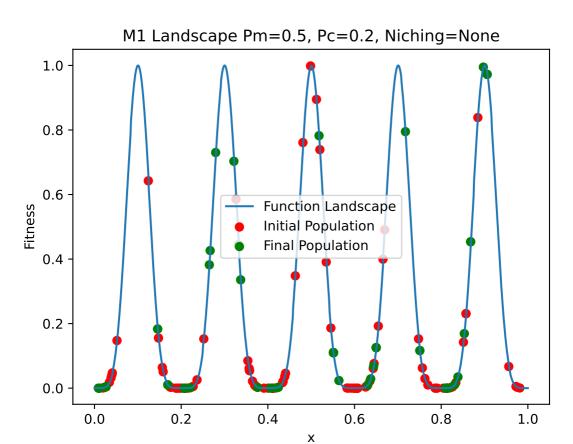


M1 Landscape Pm=0.2, Pc=0.8, Niching=sharing 1.0 8.0 0.6 **Function Landscape** Fitness **Initial Population** Final Population 0.4 0.2 0.0 0.0 0.2 0.4 0.6 8.0 1.0

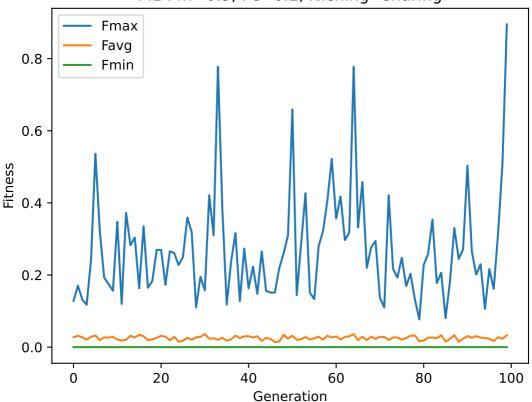


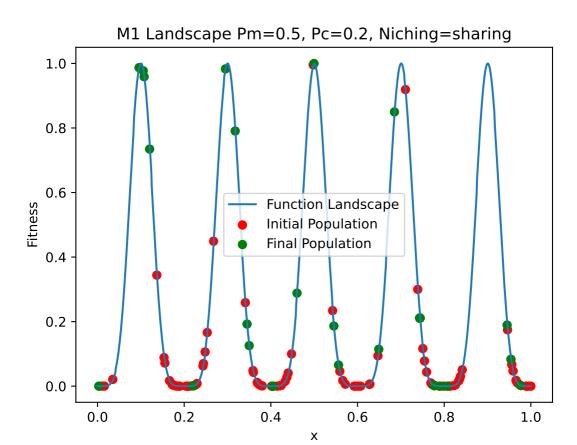


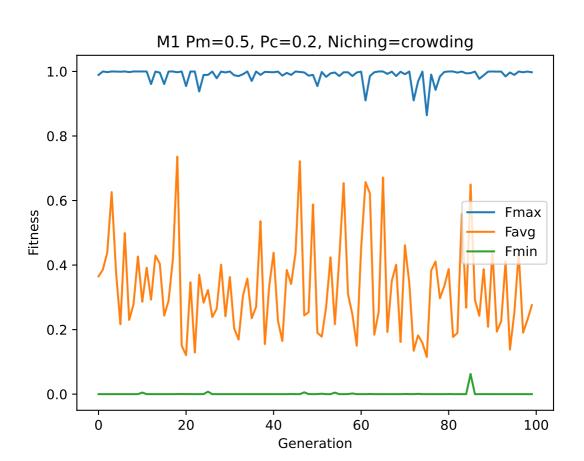


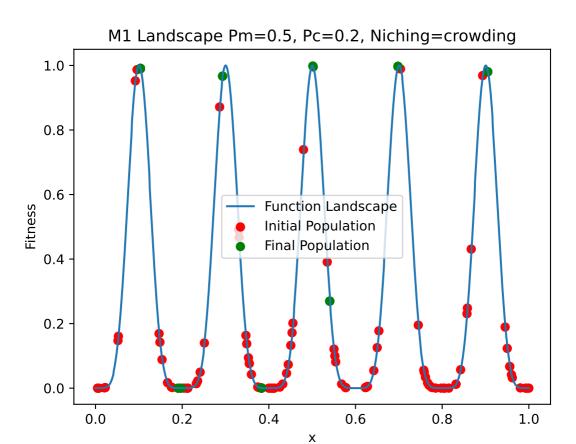


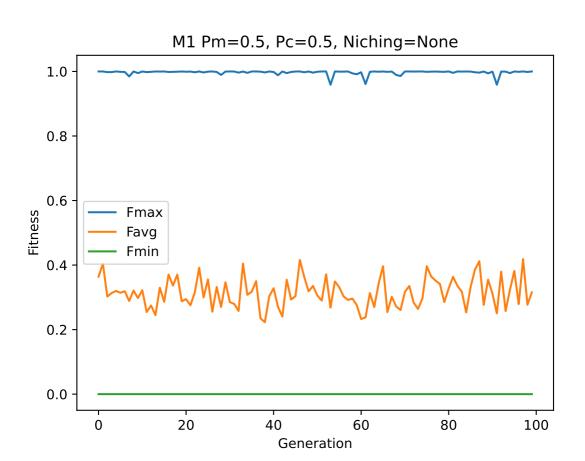
M1 Pm=0.5, Pc=0.2, Niching=sharing

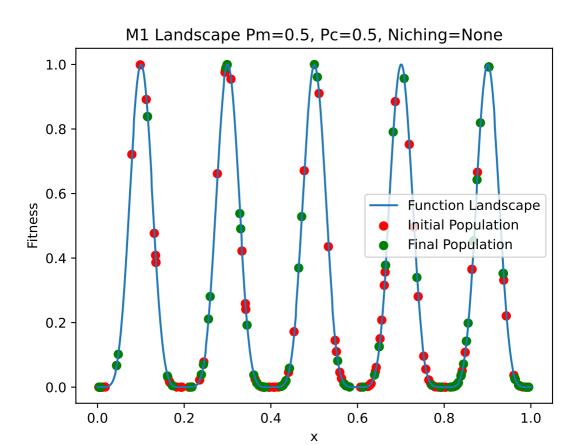


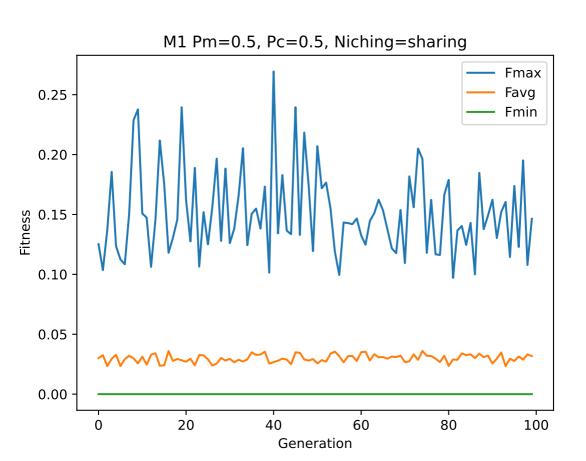




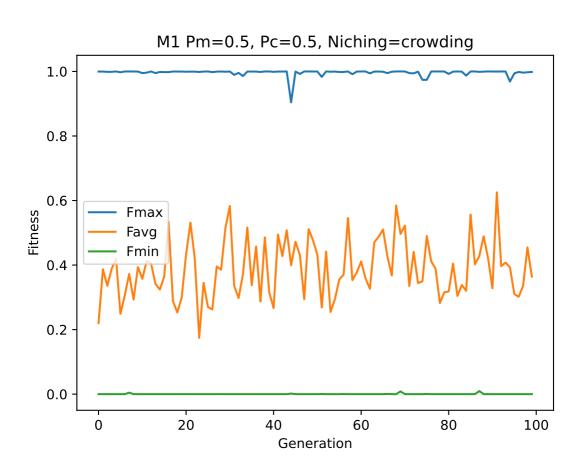




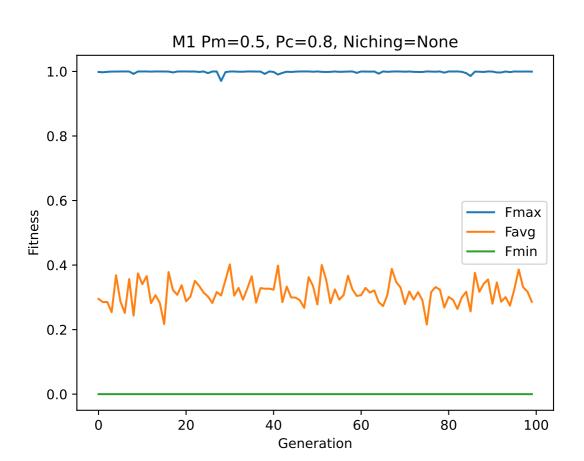




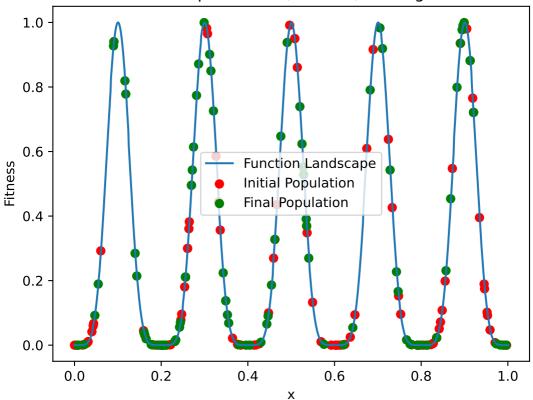
M1 Landscape Pm=0.5, Pc=0.5, Niching=sharing 1.0 8.0 0.6 **Function Landscape** Fitness **Initial Population** Final Population 0.4 0.2 0.0 0.0 0.2 0.4 0.6 8.0 1.0

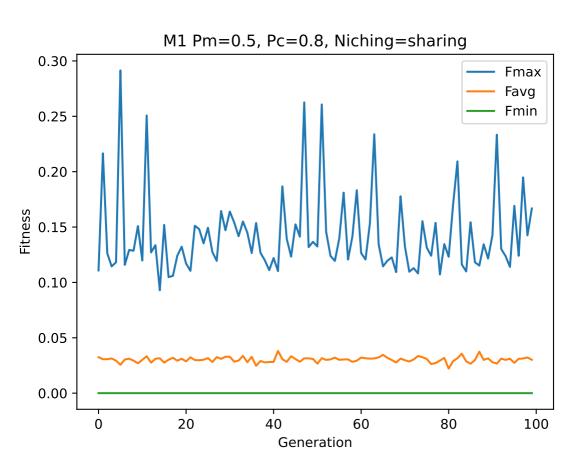


M1 Landscape Pm=0.5, Pc=0.5, Niching=crowding 1.0 8.0 0.6 Fitness Function Landscape Initial Population Final Population 0.4 0.2 0.0 0.4 0.0 0.2 0.6 8.0 1.0

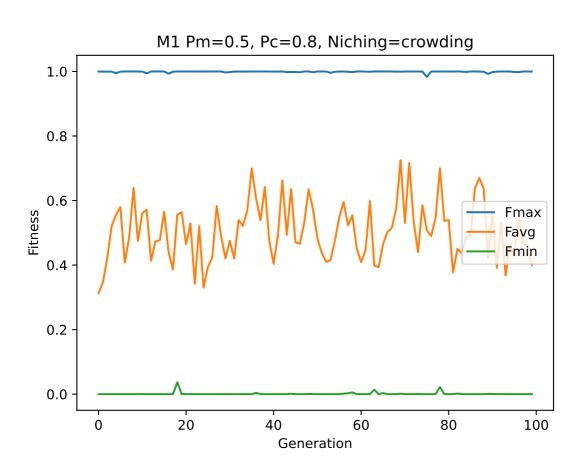


M1 Landscape Pm=0.5, Pc=0.8, Niching=None

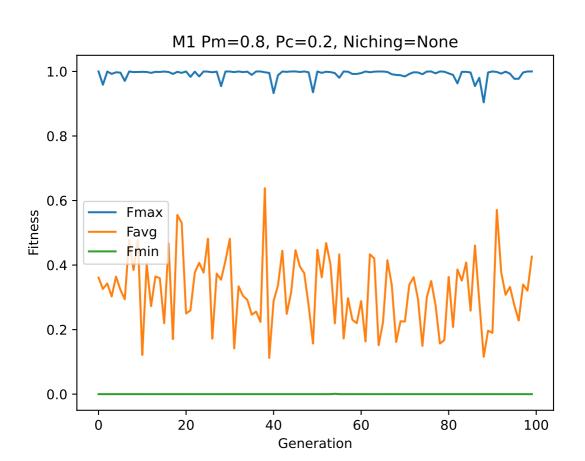


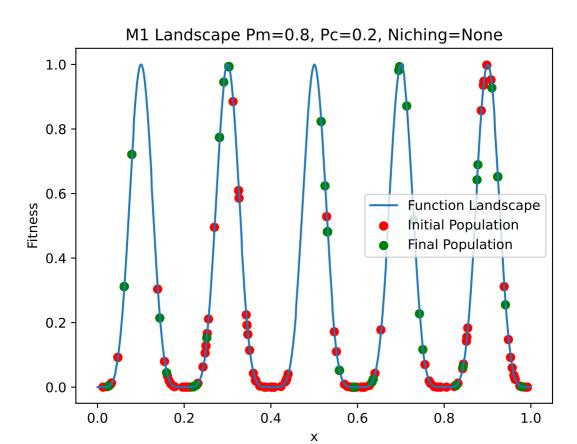


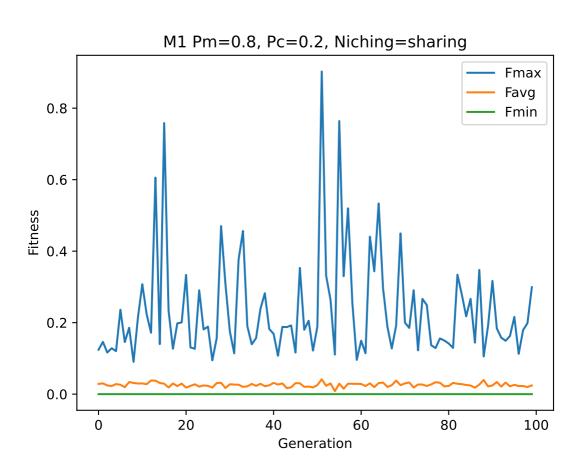
M1 Landscape Pm=0.5, Pc=0.8, Niching=sharing 1.0 8.0 0.6 Fitness Function Landscape Initial Population Final Population 0.4 0.2 0.0 0.0 0.2 0.4 0.6 8.0 1.0



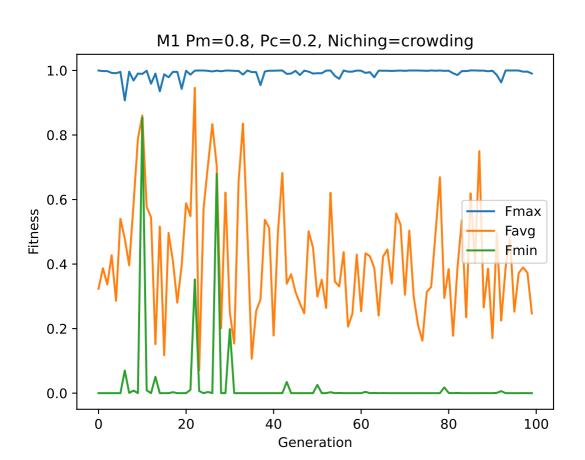
M1 Landscape Pm=0.5, Pc=0.8, Niching=crowding 1.0 8.0 0.6 Function Landscape Fitness **Initial Population** Final Population 0.4 0.2 0.0 0.0 0.2 0.4 0.6 8.0 1.0

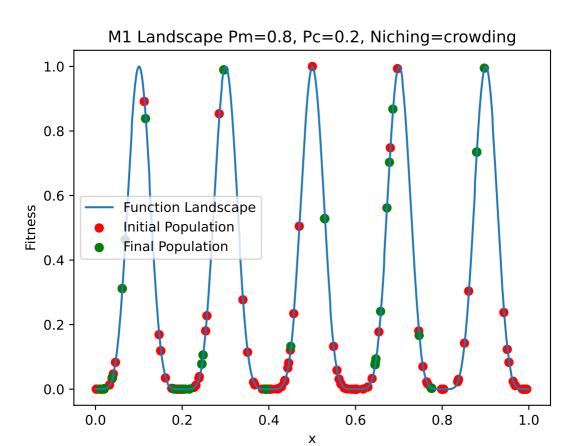


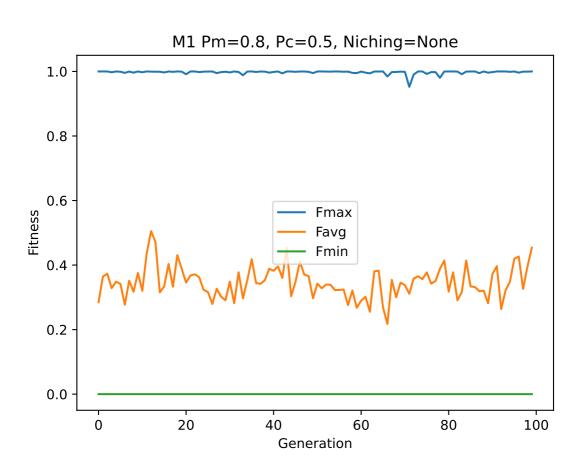


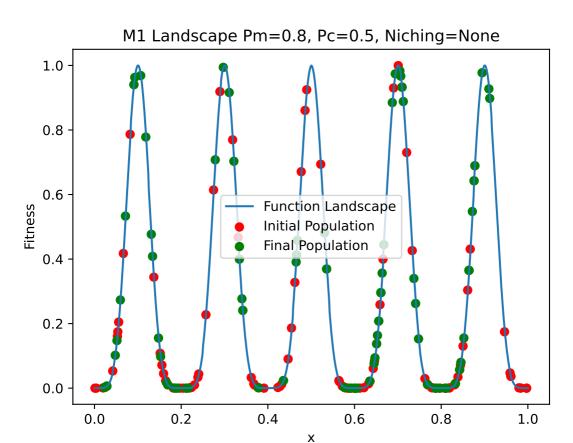


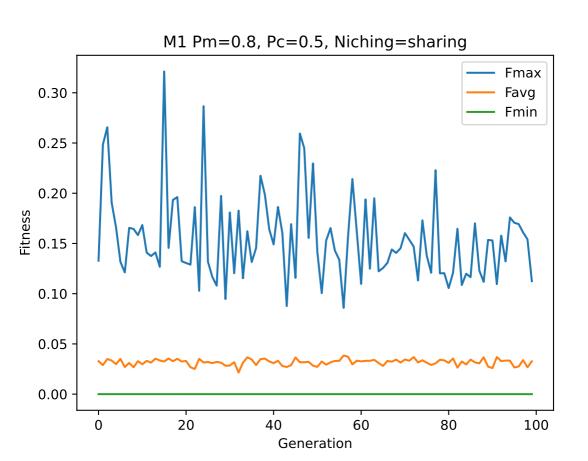
M1 Landscape Pm=0.8, Pc=0.2, Niching=sharing 1.0 8.0 0.6 **Function Landscape** Fitness **Initial Population** Final Population 0.4 0.2 0.0 0.0 0.2 0.4 0.6 8.0 1.0



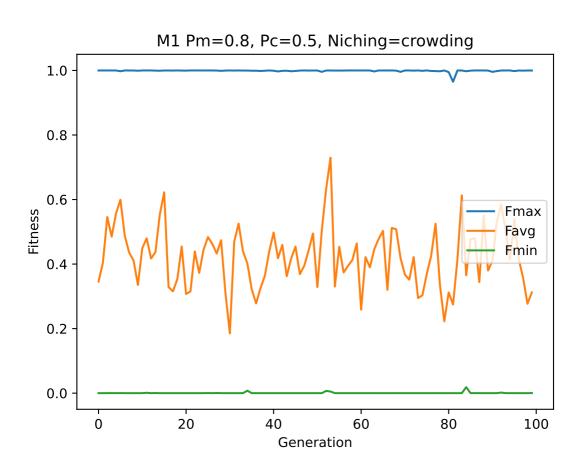


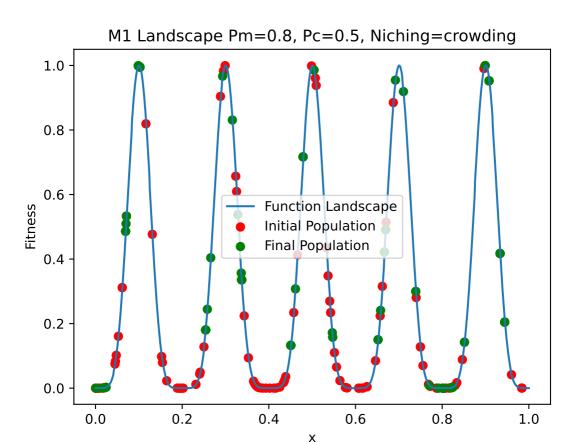


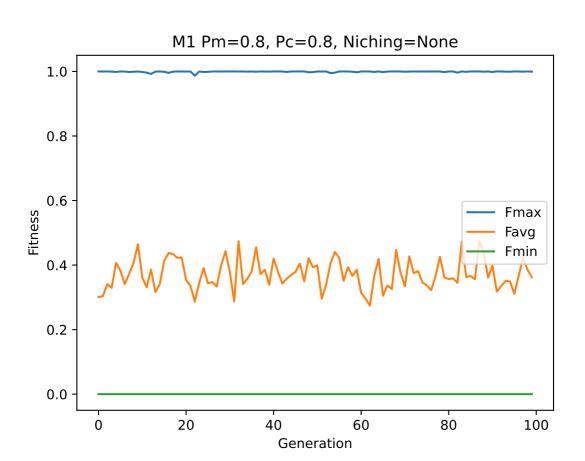


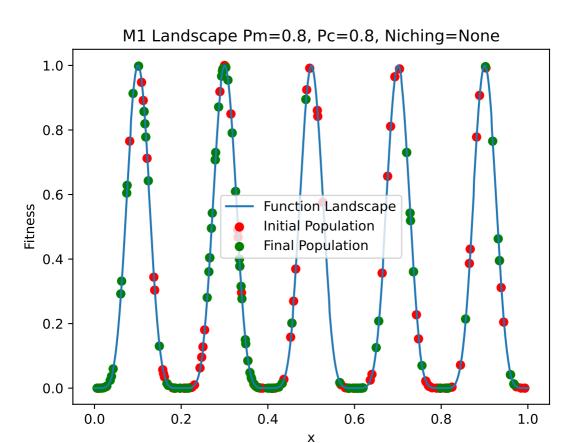


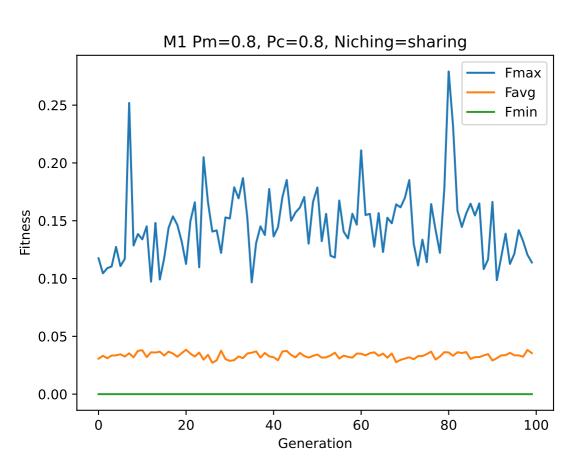
M1 Landscape Pm=0.8, Pc=0.5, Niching=sharing 1.0 8.0 0.6 Fitness Function Landscape **Initial Population** Final Population 0.4 0.2 0.0 0.2 0.0 0.4 0.6 8.0 1.0



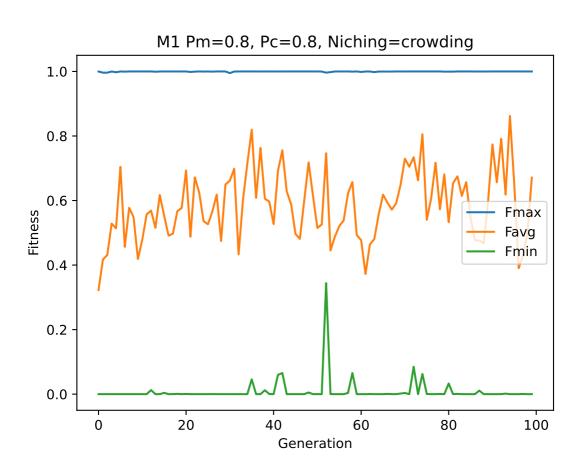




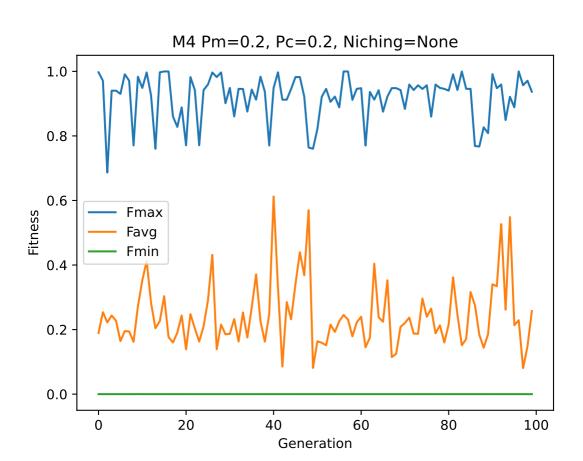


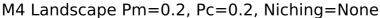


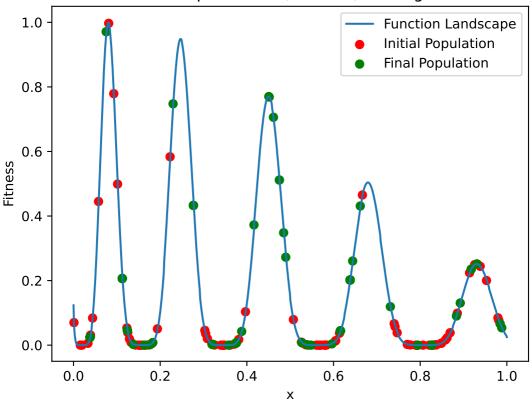
M1 Landscape Pm=0.8, Pc=0.8, Niching=sharing 1.0 8.0 0.6 Fitness Function Landscape Initial Population Final Population 0.4 0.2 0.0 0.0 0.2 0.4 0.6 8.0 1.0



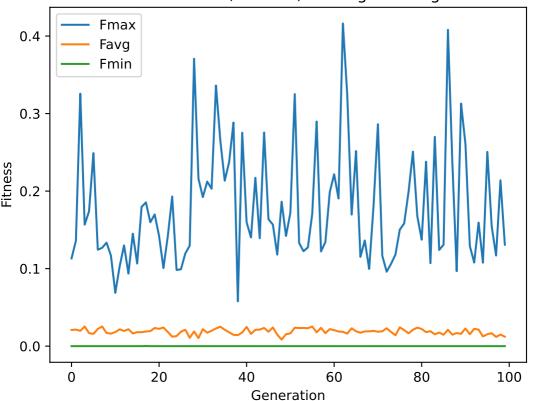
M1 Landscape Pm=0.8, Pc=0.8, Niching=crowding 1.0 8.0 0.6 Fitness Function Landscape **Initial Population** Final Population 0.4 0.2 0.0 -0.0 0.2 0.4 0.6 8.0 1.0



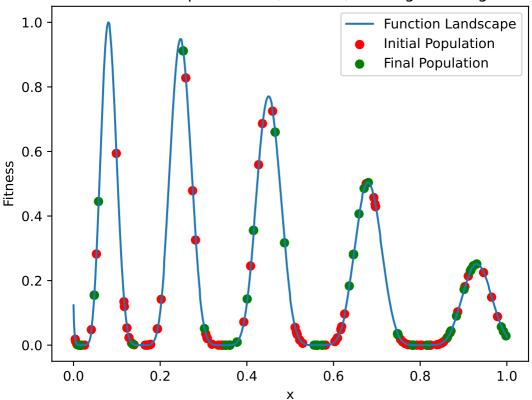


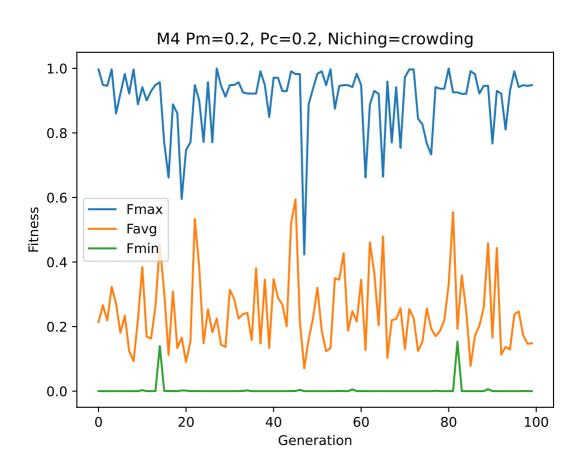


M4 Pm=0.2, Pc=0.2, Niching=sharing

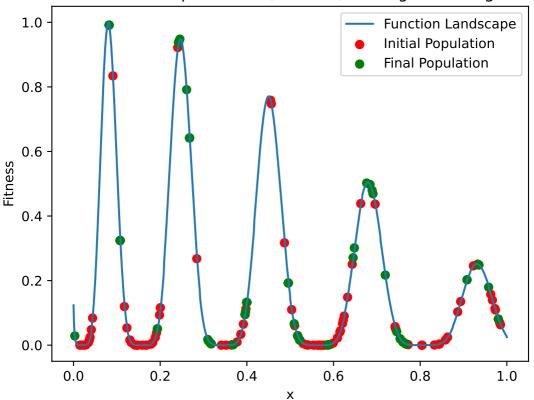


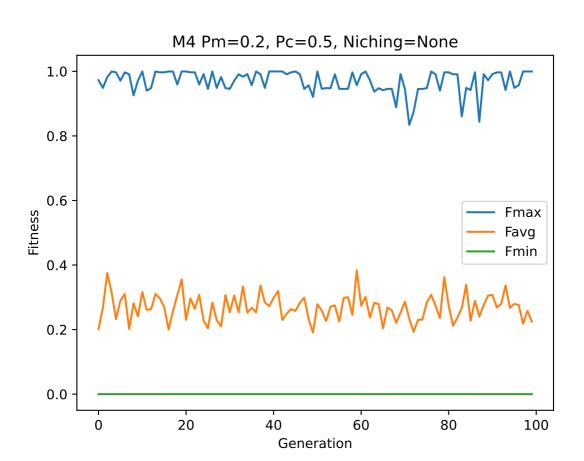
M4 Landscape Pm=0.2, Pc=0.2, Niching=sharing



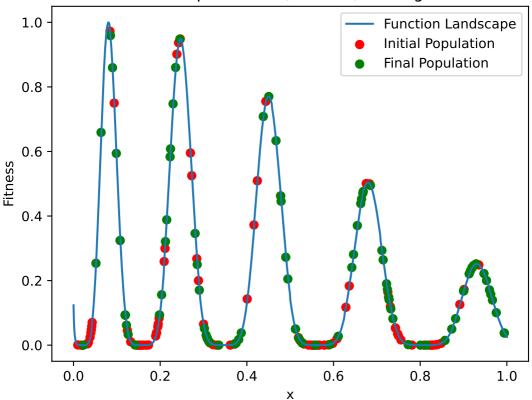


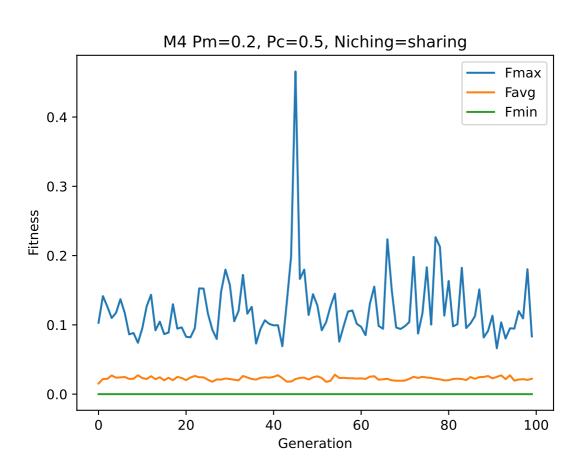
M4 Landscape Pm=0.2, Pc=0.2, Niching=crowding



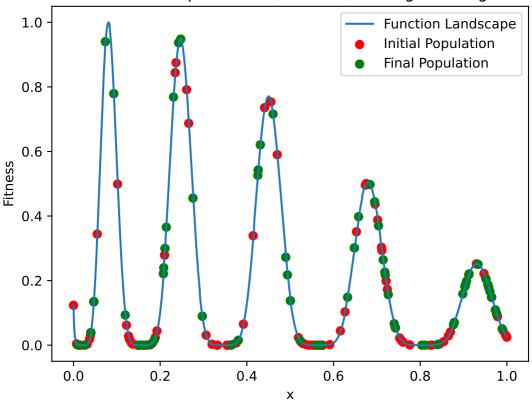


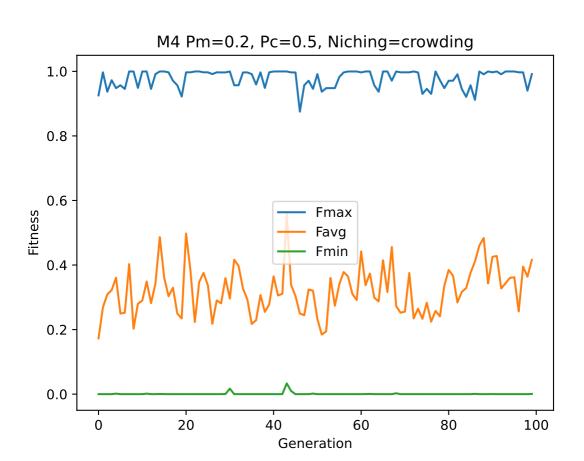
M4 Landscape Pm=0.2, Pc=0.5, Niching=None



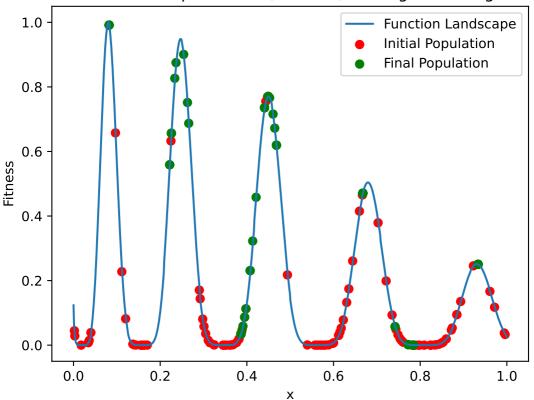


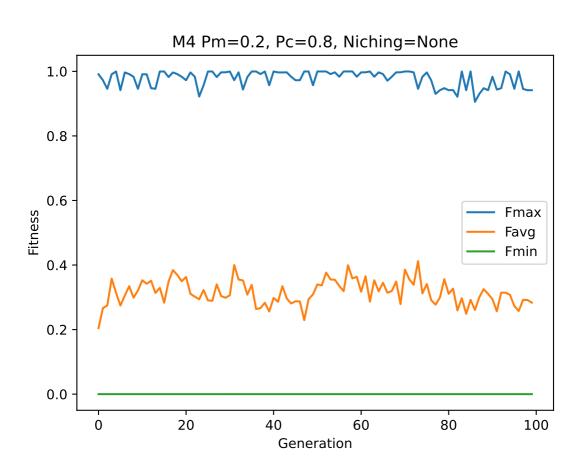
M4 Landscape Pm=0.2, Pc=0.5, Niching=sharing



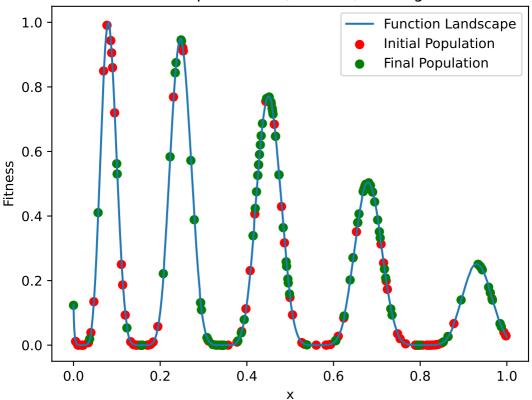


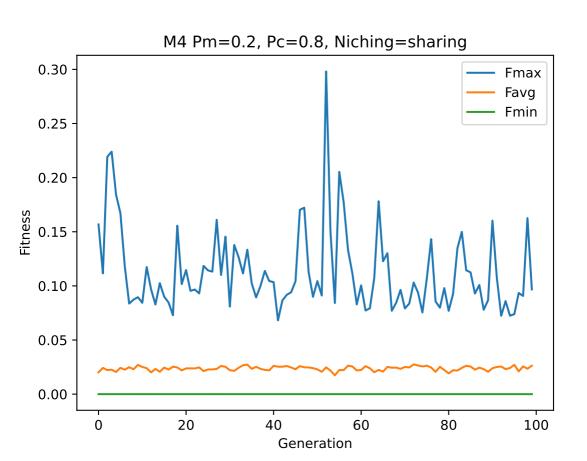
M4 Landscape Pm=0.2, Pc=0.5, Niching=crowding



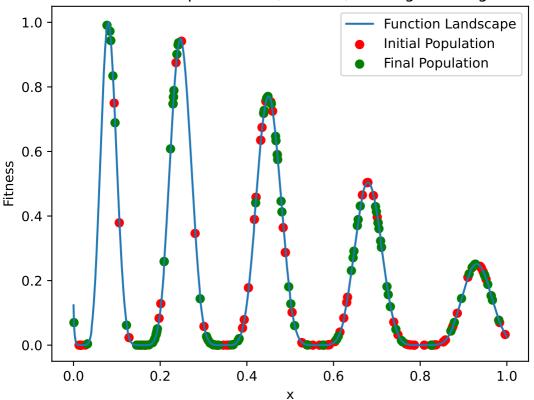


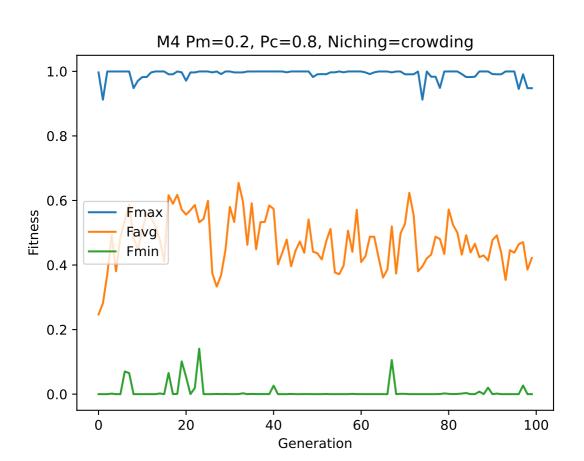
M4 Landscape Pm=0.2, Pc=0.8, Niching=None



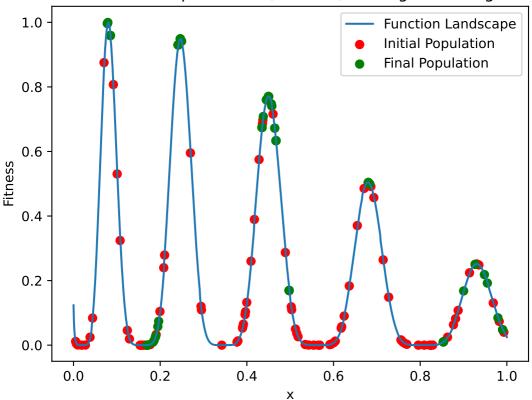


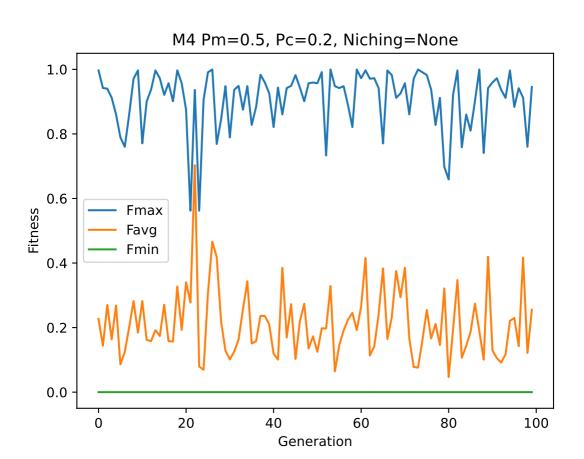
M4 Landscape Pm=0.2, Pc=0.8, Niching=sharing

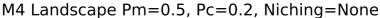


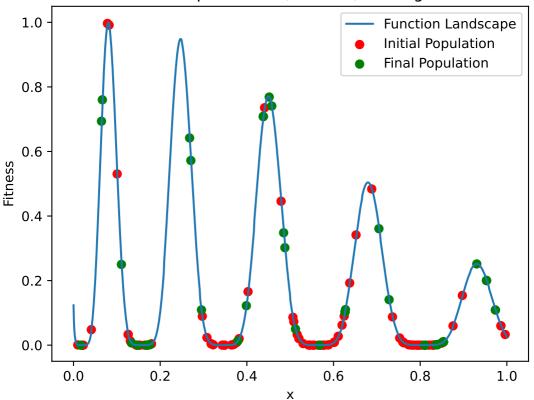


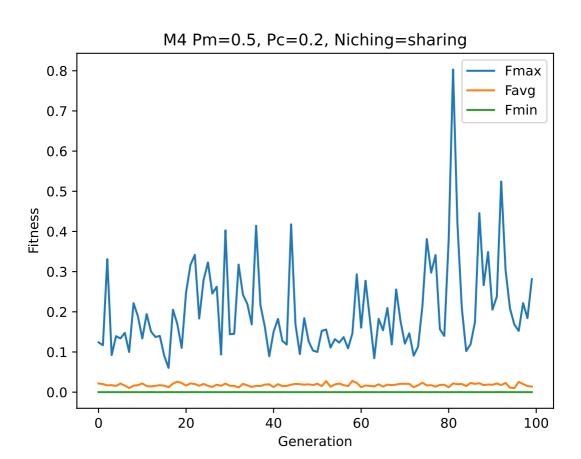
M4 Landscape Pm=0.2, Pc=0.8, Niching=crowding



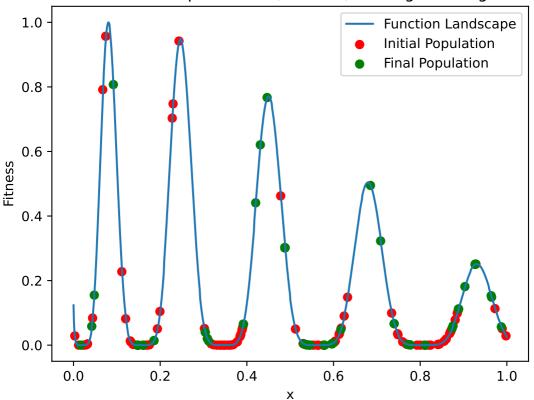


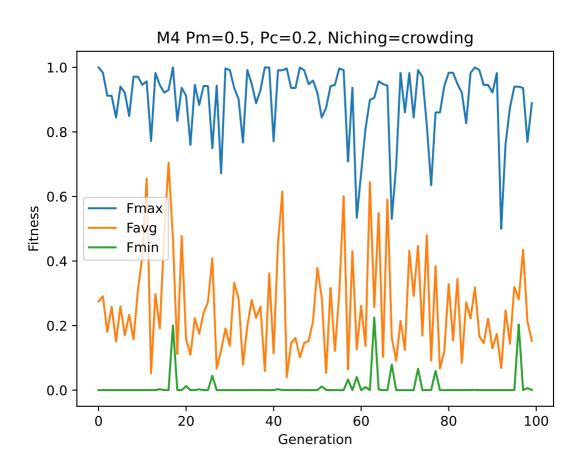




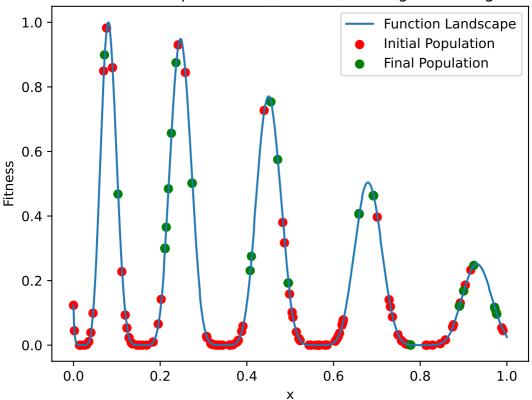


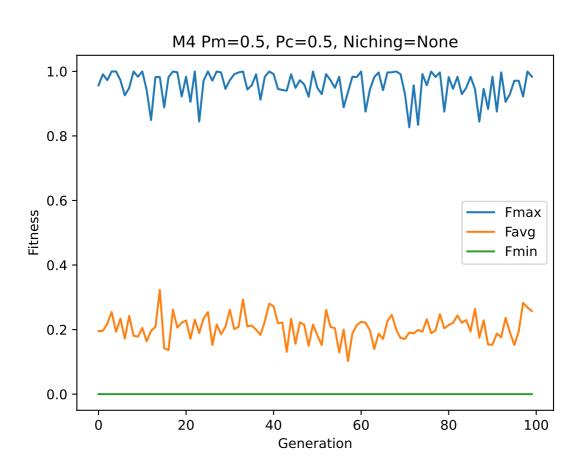
M4 Landscape Pm=0.5, Pc=0.2, Niching=sharing



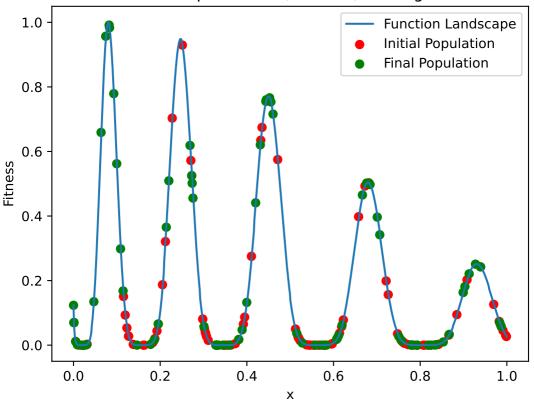


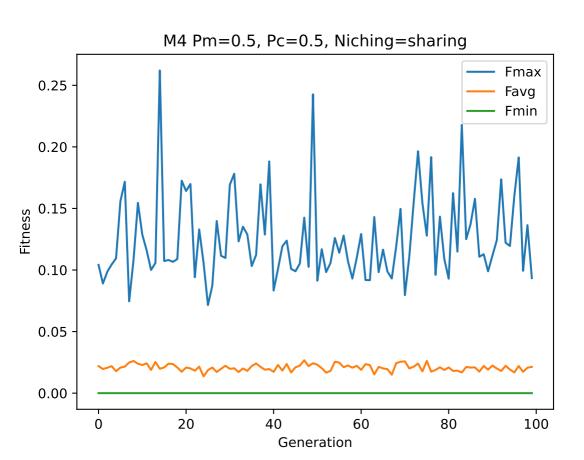
M4 Landscape Pm=0.5, Pc=0.2, Niching=crowding



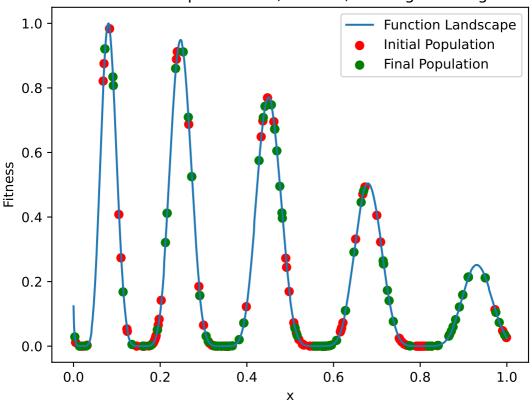


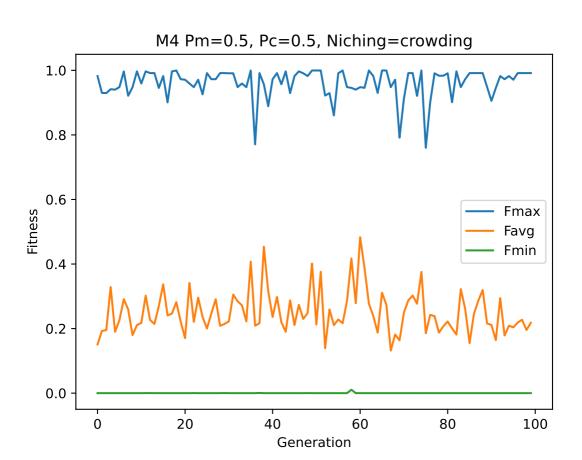
M4 Landscape Pm=0.5, Pc=0.5, Niching=None



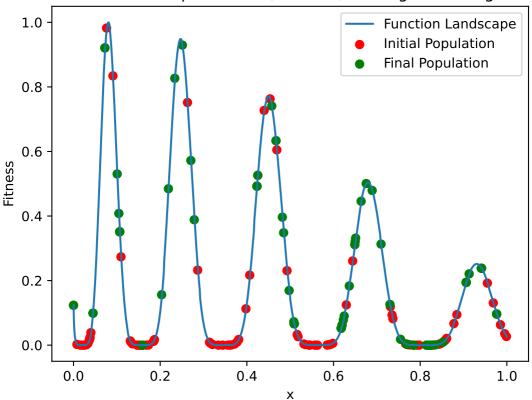


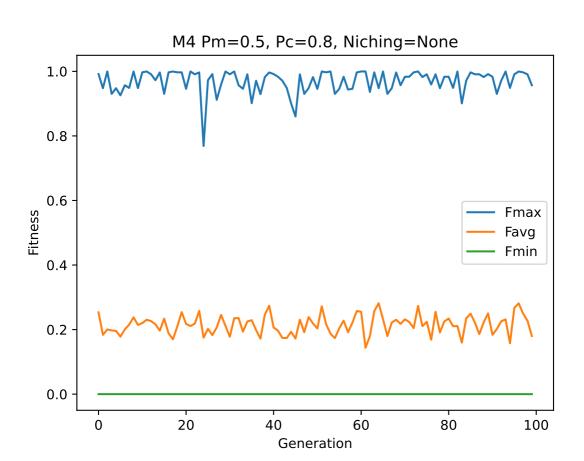
M4 Landscape Pm=0.5, Pc=0.5, Niching=sharing



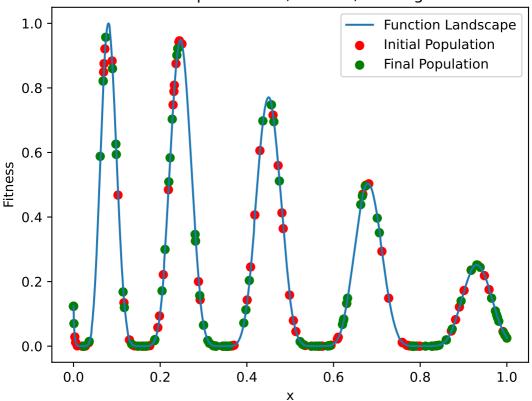


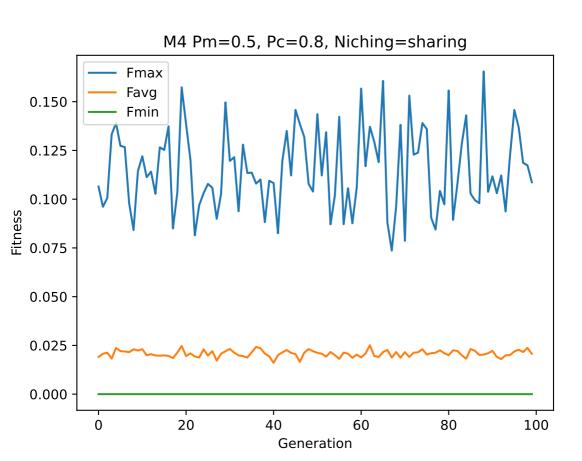
M4 Landscape Pm=0.5, Pc=0.5, Niching=crowding



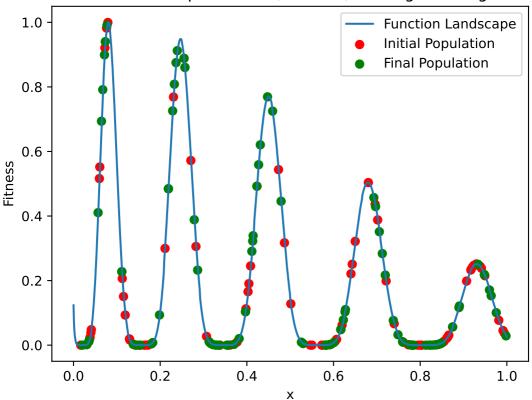


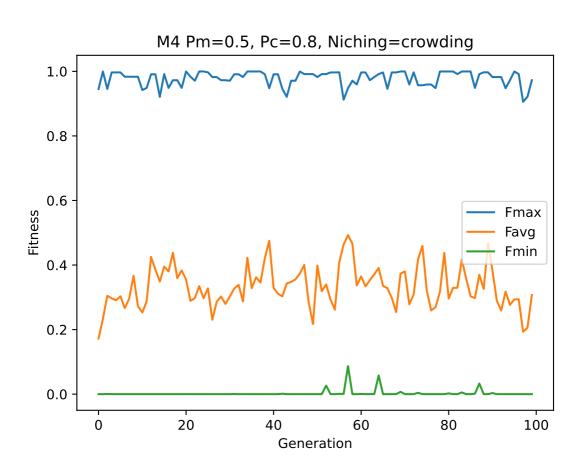
M4 Landscape Pm=0.5, Pc=0.8, Niching=None



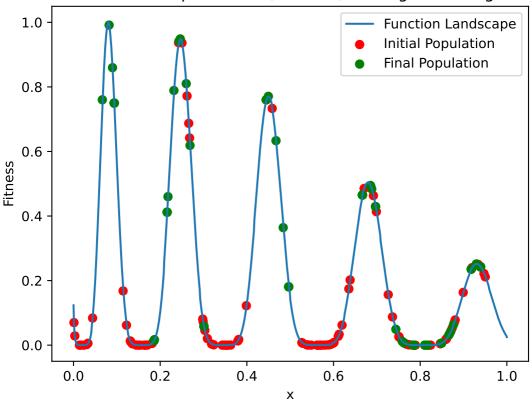


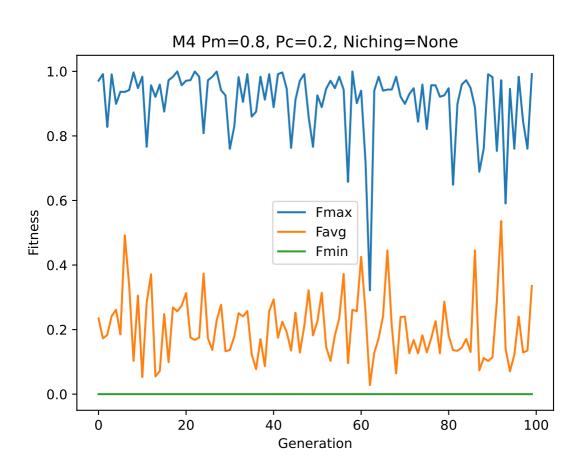
M4 Landscape Pm=0.5, Pc=0.8, Niching=sharing



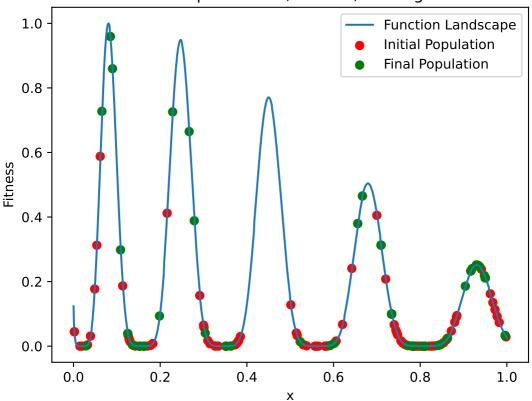


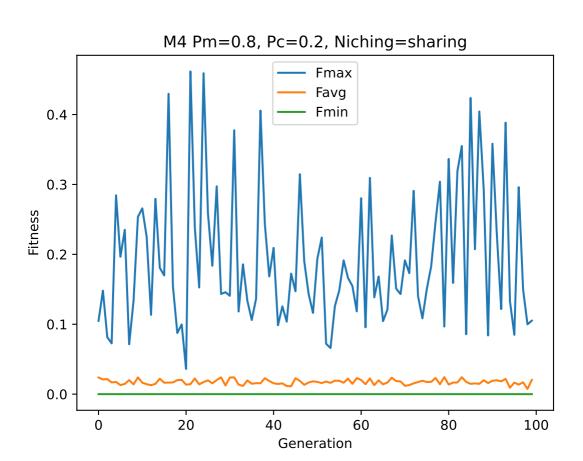
M4 Landscape Pm=0.5, Pc=0.8, Niching=crowding



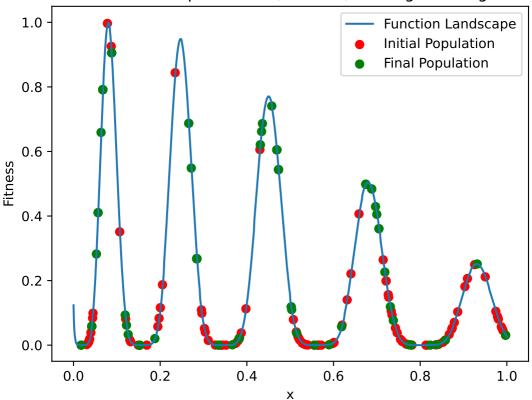


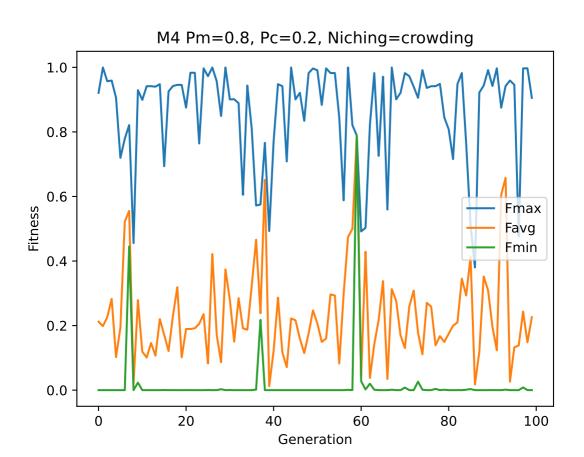
M4 Landscape Pm=0.8, Pc=0.2, Niching=None



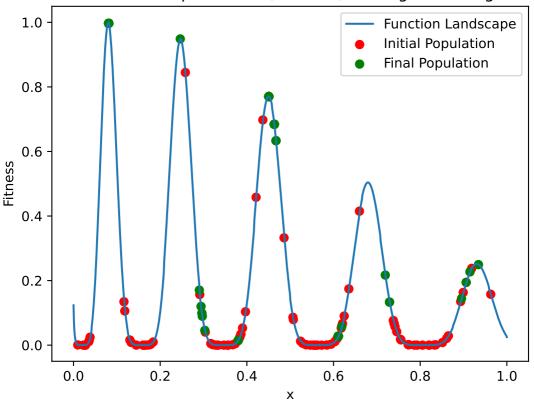


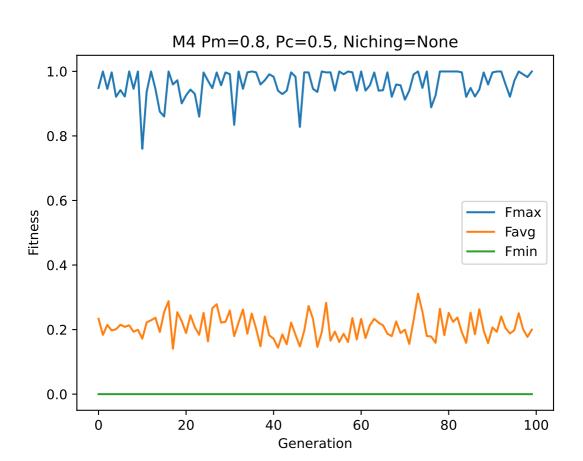
M4 Landscape Pm=0.8, Pc=0.2, Niching=sharing



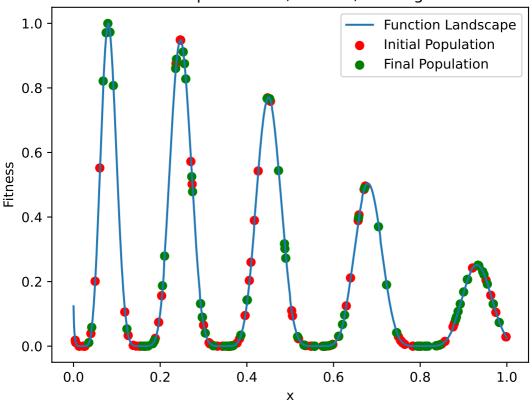


M4 Landscape Pm=0.8, Pc=0.2, Niching=crowding





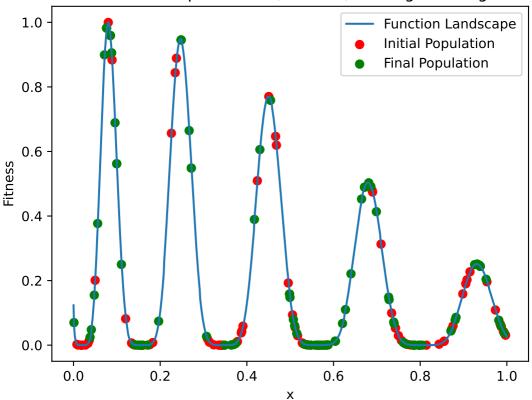
M4 Landscape Pm=0.8, Pc=0.5, Niching=None

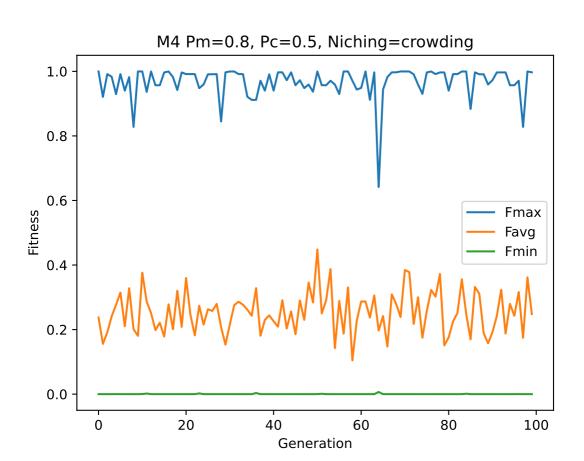


M4 Pm=0.8, Pc=0.5, Niching=sharing **Fmax** 0.25 0.20 0.10 0.05 0.00 20 40 60 80 100

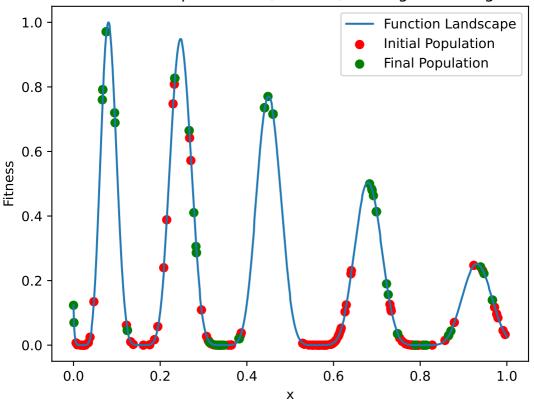
Generation

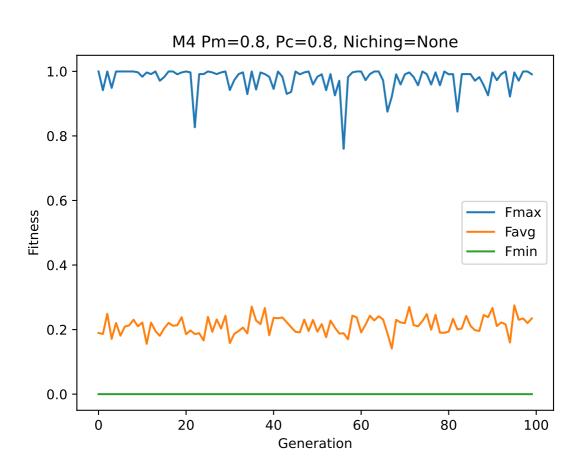
M4 Landscape Pm=0.8, Pc=0.5, Niching=sharing



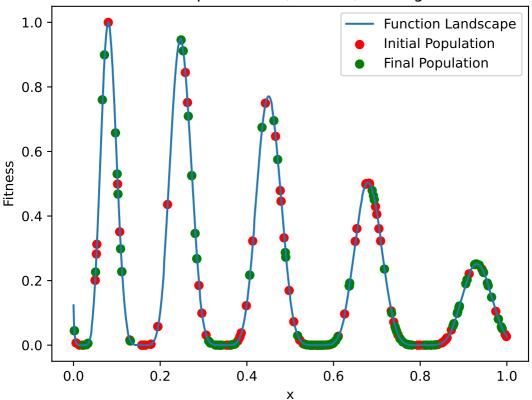


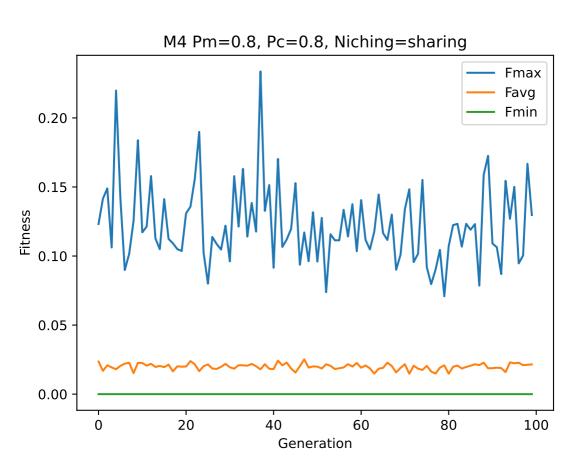
M4 Landscape Pm=0.8, Pc=0.5, Niching=crowding



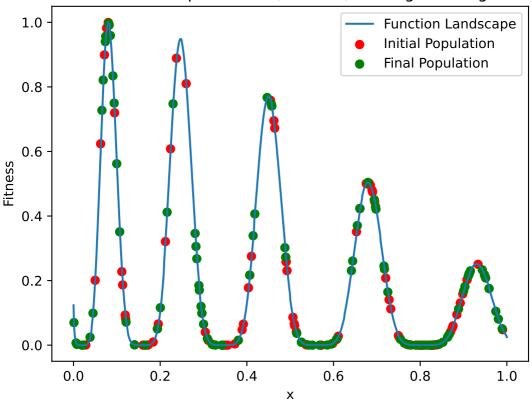


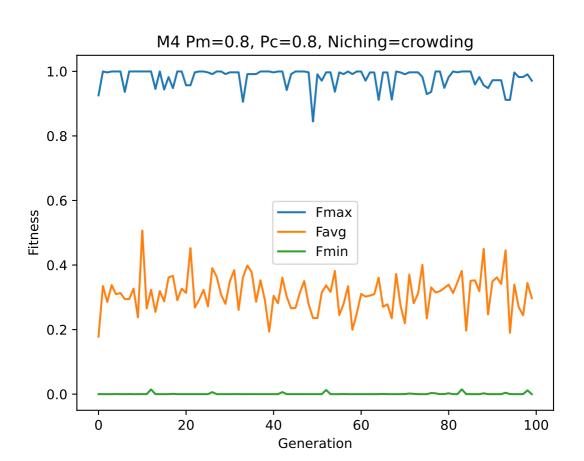
M4 Landscape Pm=0.8, Pc=0.8, Niching=None





M4 Landscape Pm=0.8, Pc=0.8, Niching=sharing





M4 Landscape Pm=0.8, Pc=0.8, Niching=crowding

