Mutation ratios over all generations Intertwine\_two Add vertex Delete\_vertex 0.25 Invert\_path\_vertices Insert inside vertex Delete inside vertex Replace\_inside\_vertex Donate\_between\_routes Merge\_terminals 0.20 Trim one terminal cb Trim\_one\_path\_random\_cb Grow one terminal cb Mutation ratio .0 51:0 Grow\_one\_path\_random\_cb 0.10 0.05 0 25 50 75 100 125 150 175 200 Generations