Mutation ratios over all generations Intertwine two Add vertex Delete_vertex 0.175 Invert path vertices Insert inside vertex Delete inside vertex Replace_inside_vertex 0.150 Donate_between_routes Merge_terminals Trim one terminal cb Trim one path random cb 0.125 Grow one terminal cb Mutation ratio Grow one path random cb 0.075 0.050 0.025 0 25 50 75 100 125 150 175 200 Generations