Mutation ratios over all generations Intertwine_two Add vertex Delete_vertex Invert_path_vertices 0.12 Insert inside vertex Delete inside vertex Replace_inside_vertex Donate_between_routes Merge_terminals 0.11 Trim one terminal cb Trim_one_path_random_cb Grow one terminal cb Mutation ratio Grow one path random cb 0.10 0.09 0.08 0.07 0 25 50 75 100 125 150 175 200 Generations