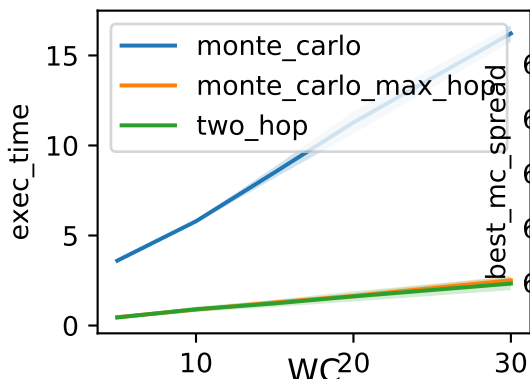comparison_max_generations