(a) Violations vs. Solution Gap
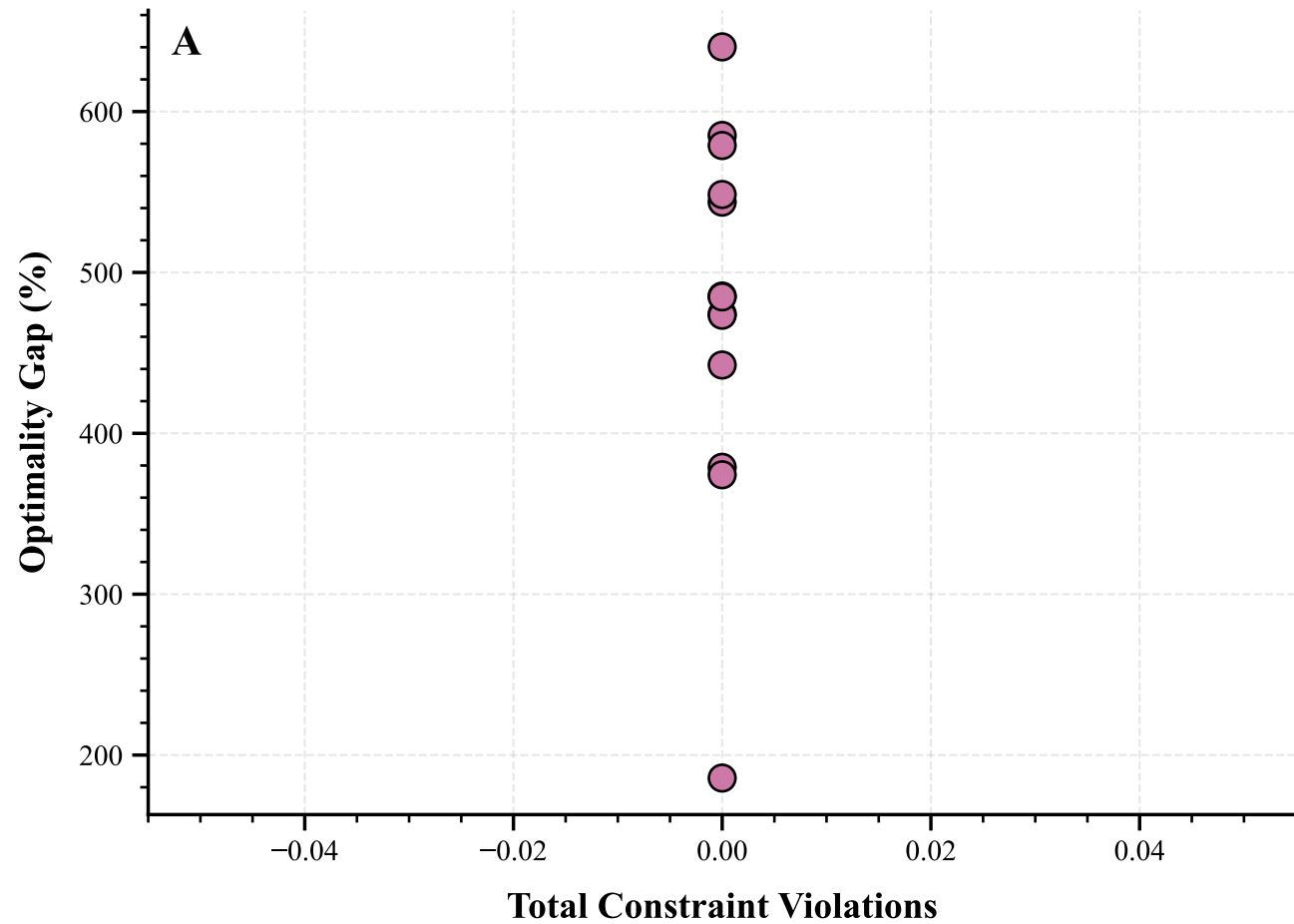
(b) Violations vs. Problem Size