CNOT-Gates method 120 tableau (proposed) **PCoast** Transpile (Qiskit impl.) 100 Bravyi et al. (Qiskit impl.) Number of CNOT-Gates Van den Berg (Stim impl.) 80 Duncan et al (pyzx) Maslov et al 60 40 20 0 50 100 150 200 250 Number of input Gates