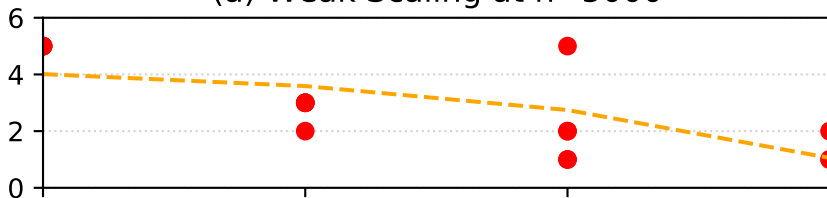
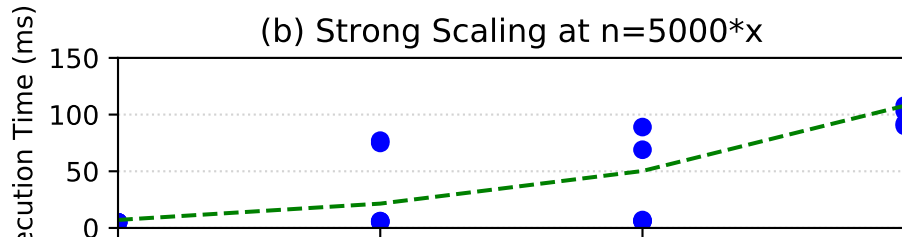


(a) Weak Scaling at  $n=5000$



(b) Strong Scaling at  $n=5000 \times x$



(c) Strong Scaling at  $n=5000 \times x \times \log(5000 \times x)$

