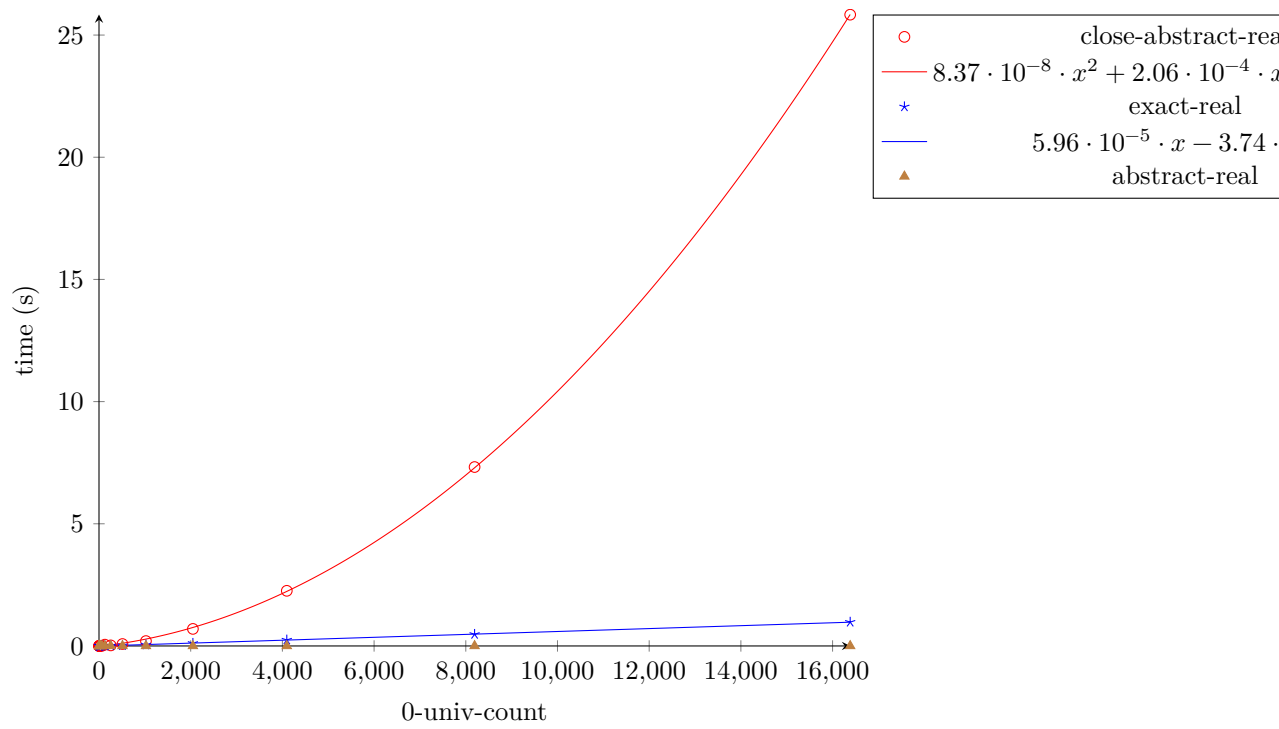Figure 1: timing-pattern

1

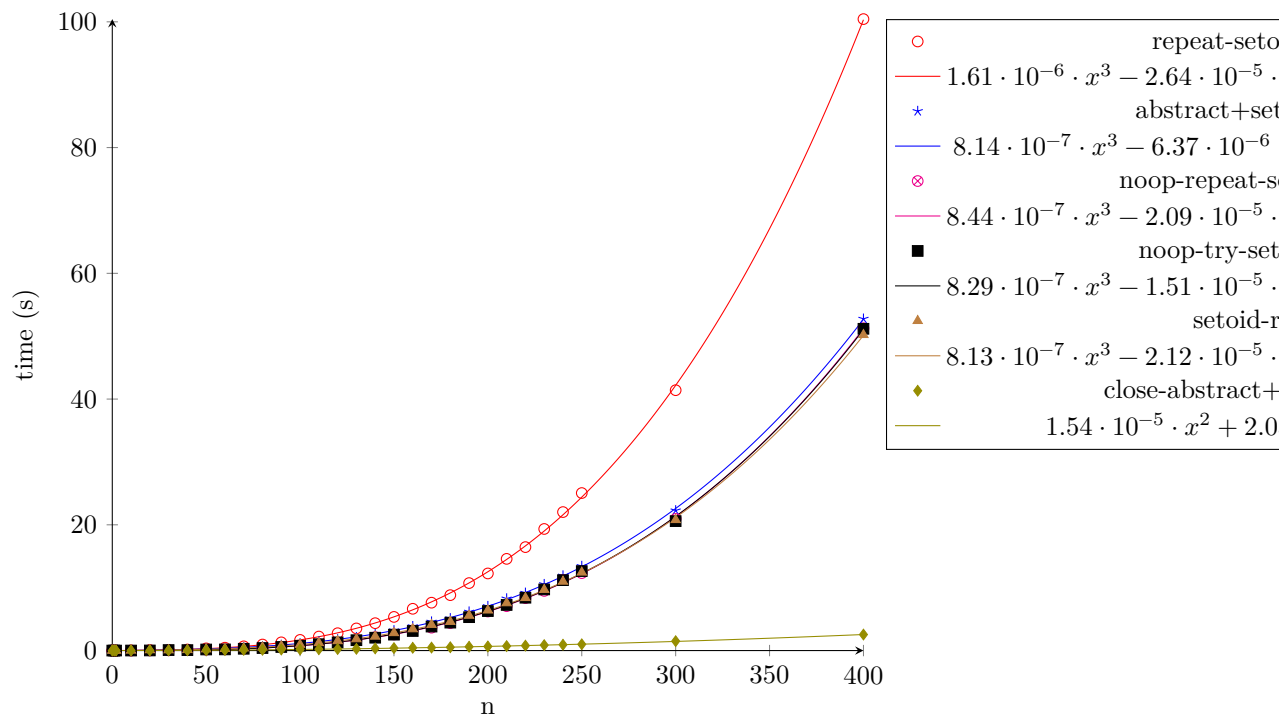Figure 2: timing-n-polymorphic-universes param-1-n 0

Figure 3: timing-repeat-setoid-rewrite-under-binders
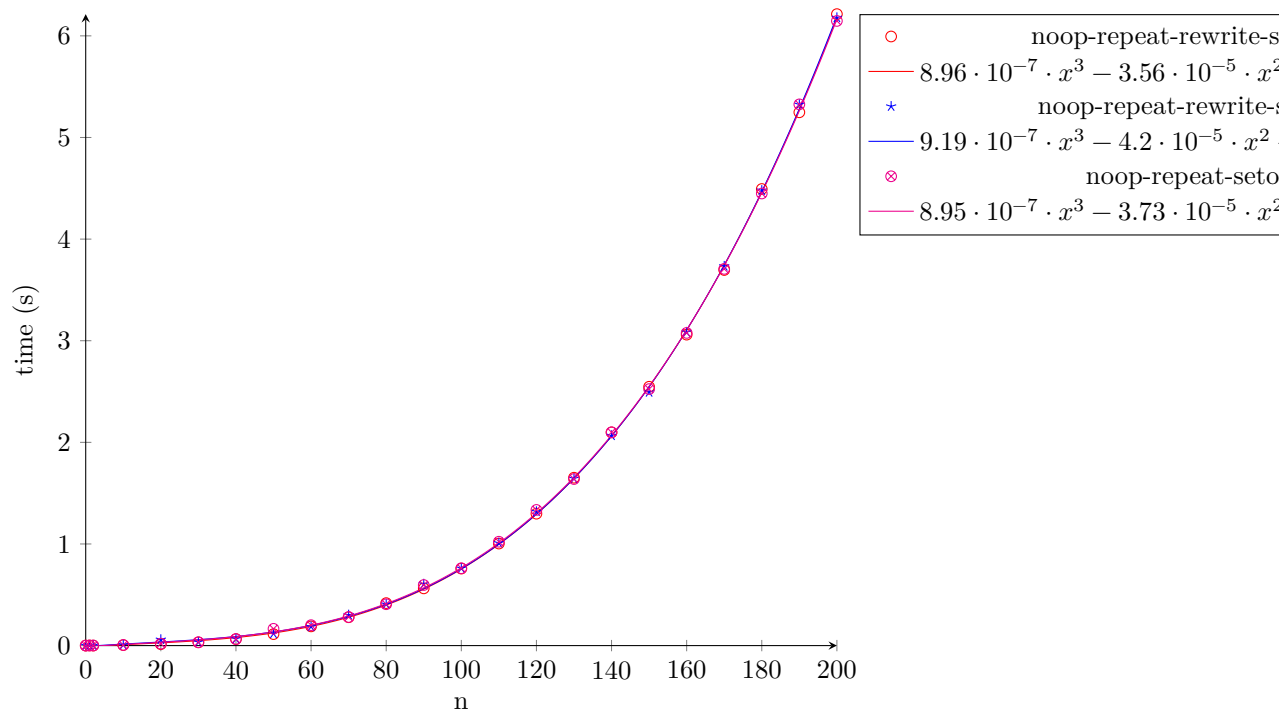
3

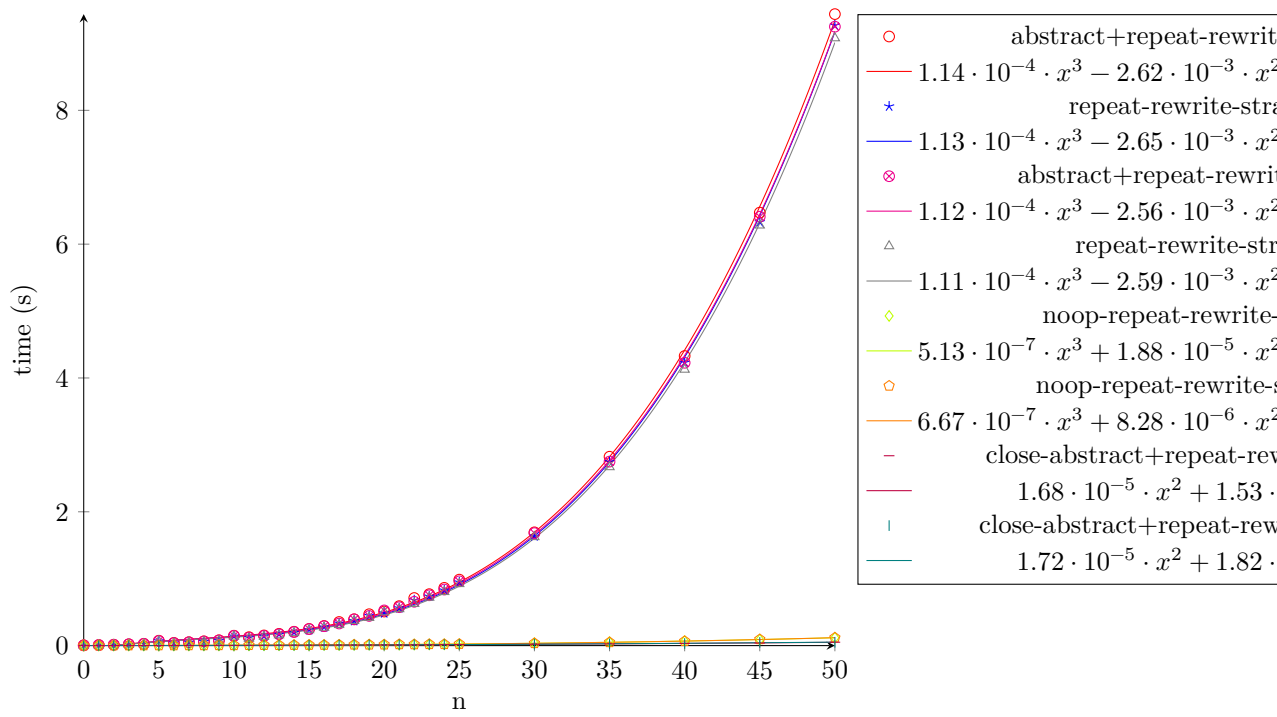Figure 4: timing-repeat-setoid-rewrite-under-binders-noop

Figure 5: timing-rewrite-strat-under-binders

time (s)

abstract+rewrite!-
$2.27 \cdot 10^{-5} \cdot x^2 - 7.96 \cdot 10^{-4} \cdot$
abstract+autorewrit
$2.22 \cdot 10^{-5} \cdot x^2 - 7.19 \cdot 10^{-4} \cdot$
rewrite!-real
$1.52 \cdot 10^{-5} \cdot x^2 - 8.48 \cdot 10^{-4} \cdot$
autorewrite-rea
$1.46 \cdot 10^{-5} \cdot x^2 - 7.63 \cdot 10^{-4} \cdot$
close-abstract+autorew
$7.5 \cdot 10^{-6} \cdot x^2 + 2.62 \cdot 10^{-5} \cdot x$
close-abstract+rewrit
$7.46 \cdot 10^{-6} \cdot x^2 + 3.79 \cdot 10^{-5} \cdot$
rewrite?-noop-re
$1.9 \cdot 10^{-5} \cdot x - 8.41 \cdot$
autorewrite-noop-
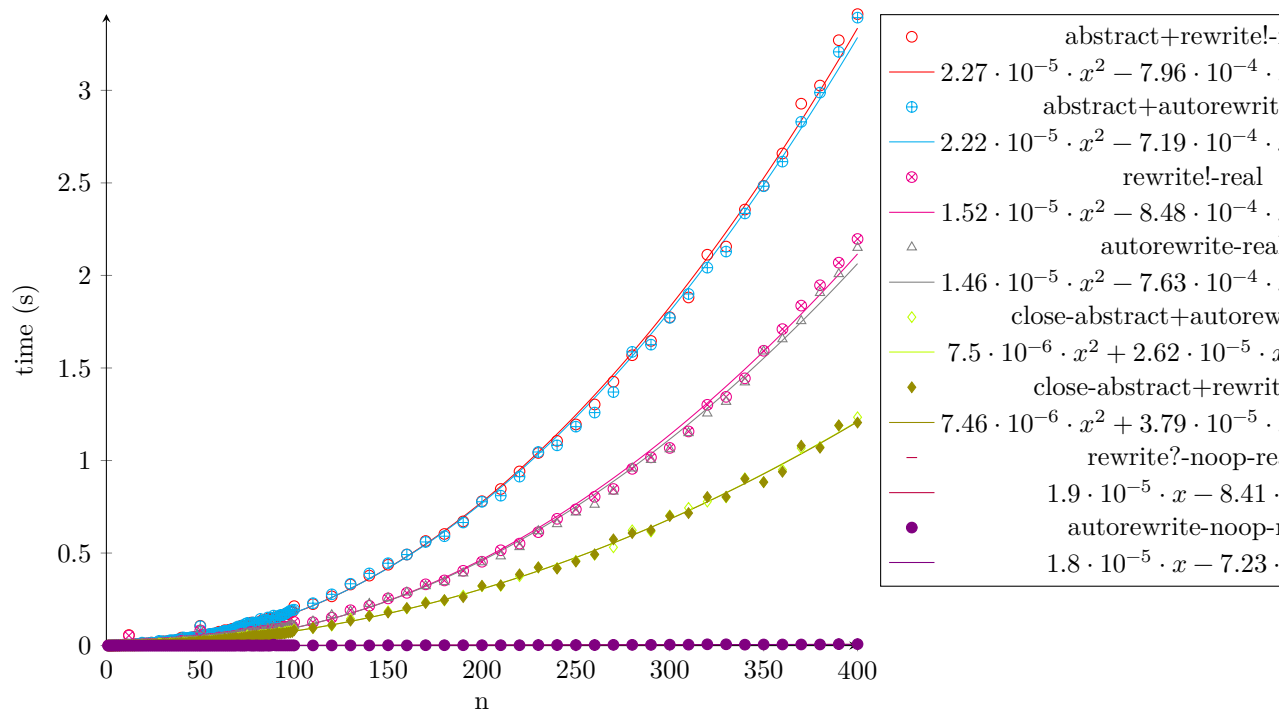$1.8 \cdot 10^{-5} \cdot x - 7.23 \cdot$

n

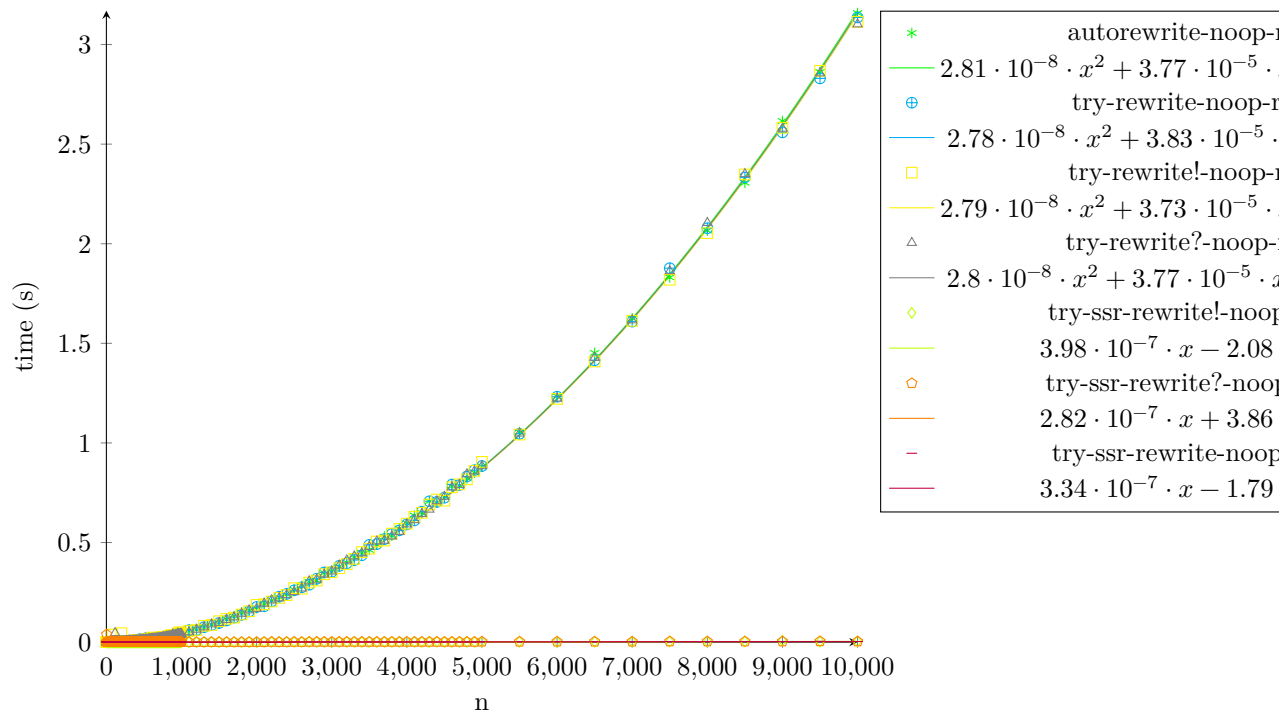Figure 6: timing-rewrite-repeated-app-autorewrite

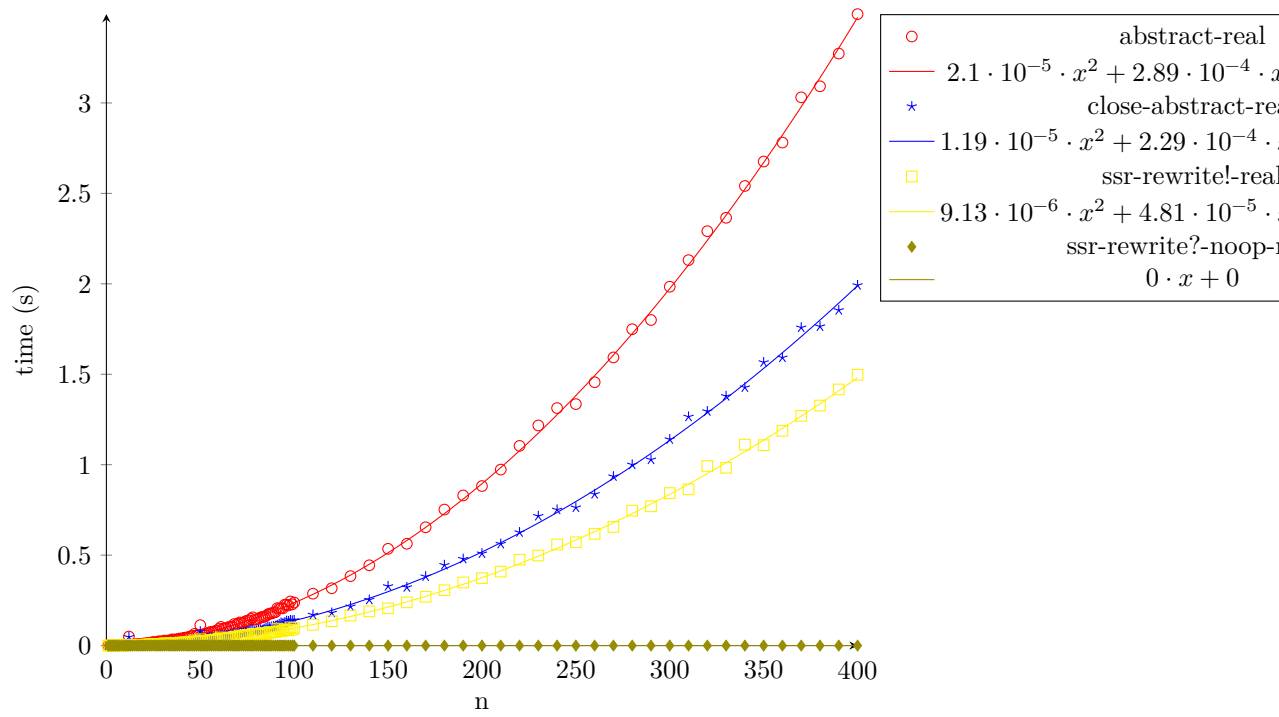Figure 7: timing-rewrite-repeated-app-autorewrite-noop

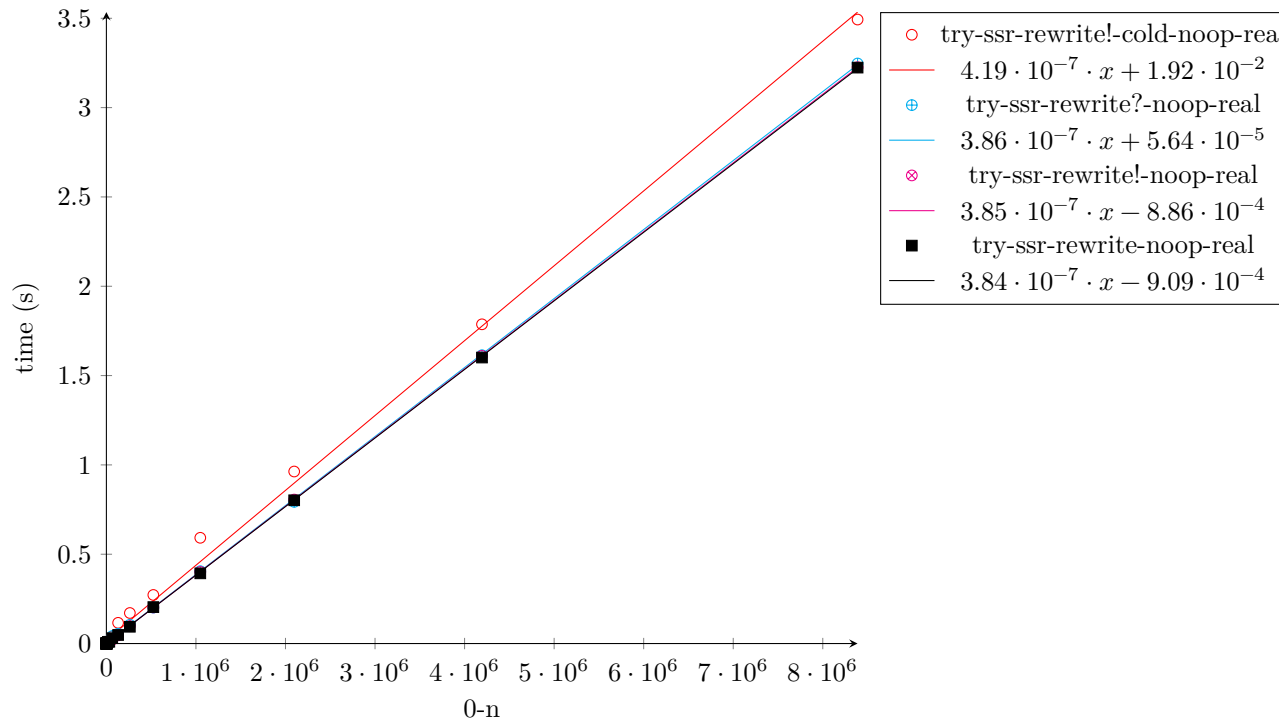Figure 8: timing-rewrite-repeated-app-ssrrewrite

8

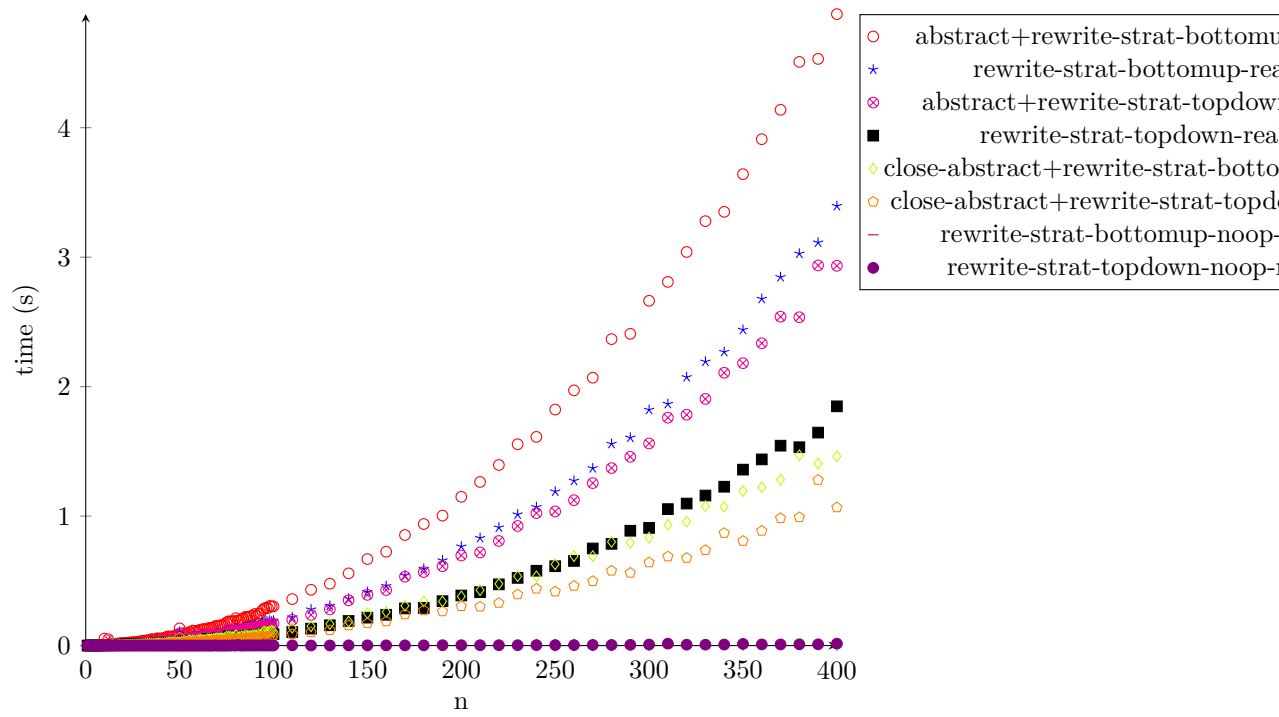Figure 9: timing-rewrite-repeated-app-ssrrewrite-noop param-1-lgn 1

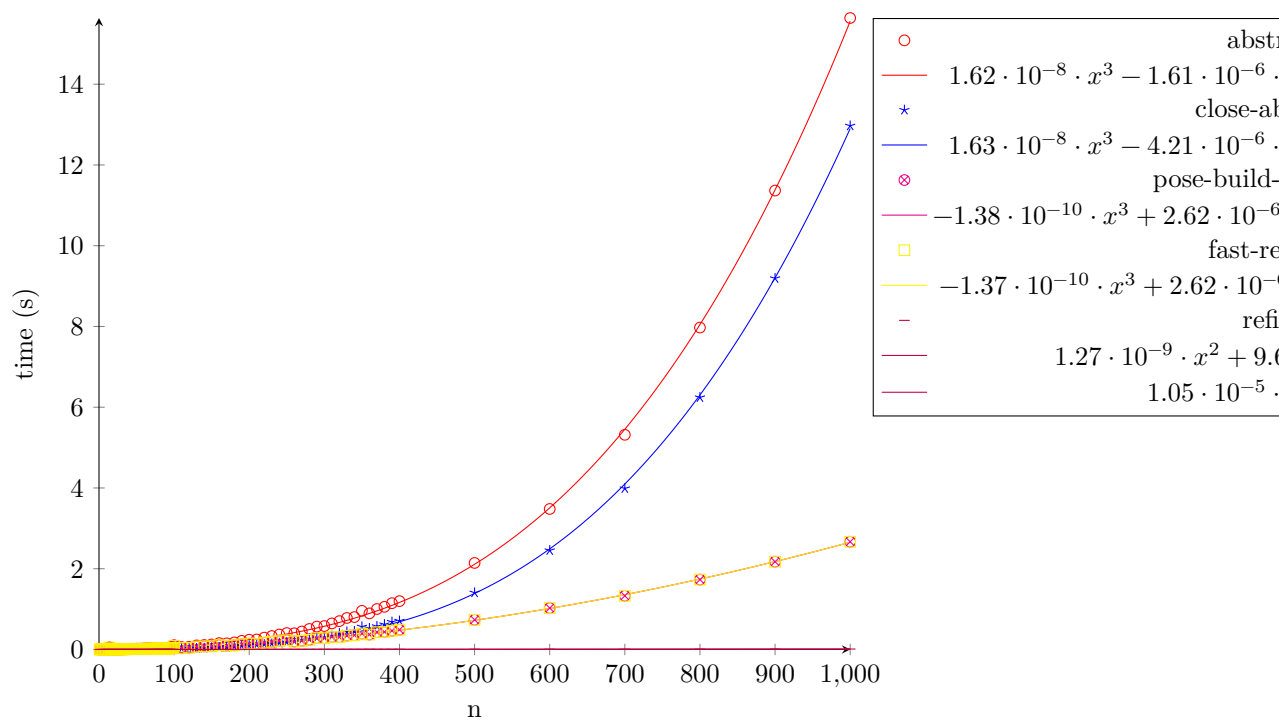Figure 10: timing-rewrite-repeated-app-rewrite-strat
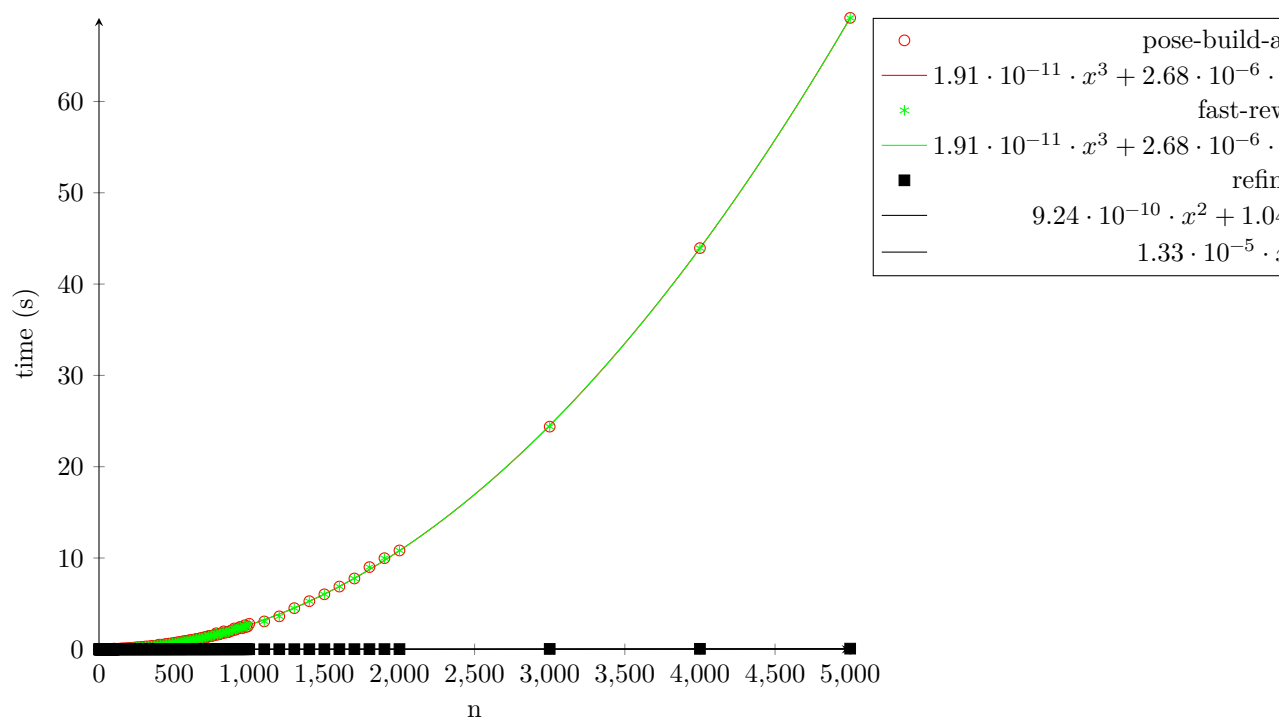
Figure 11: timing-rewrite-repeated-app-fast-rewrite

Figure 12: timing-rewrite-repeated-app-fast-rewrite-no-abstract