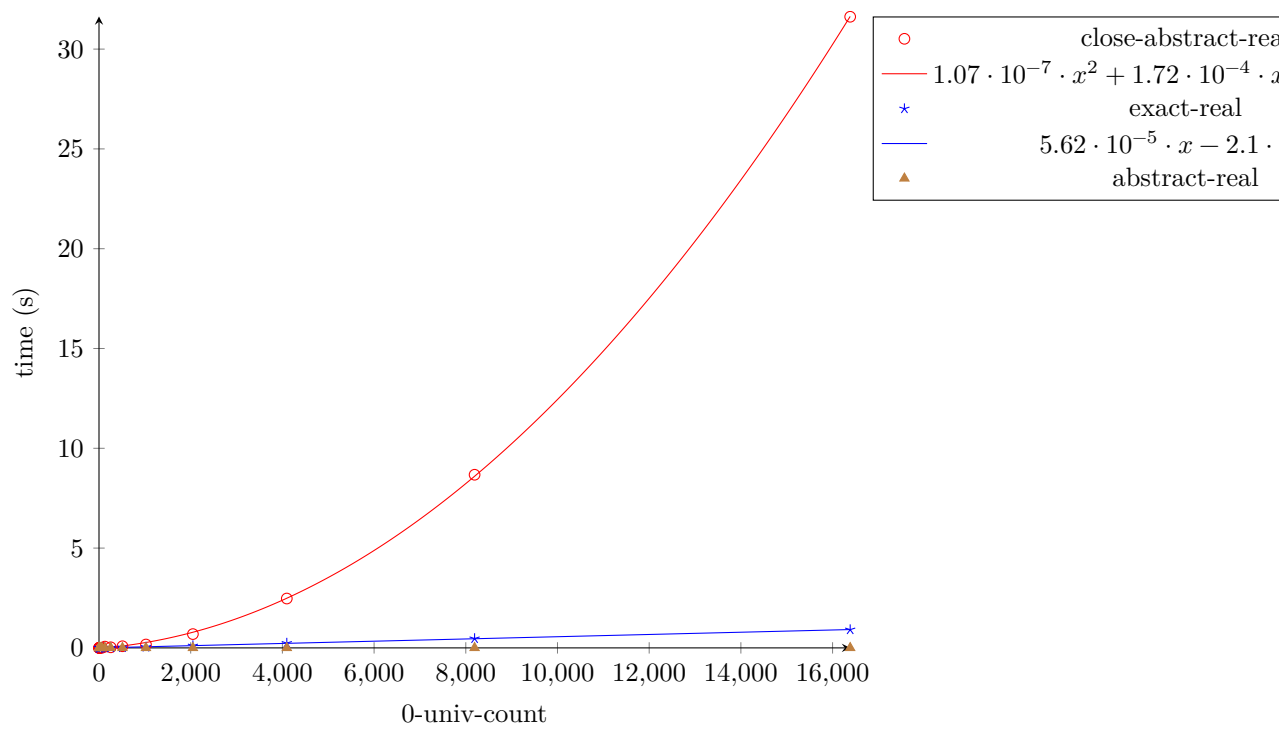Figure 1: timing-pattern

1

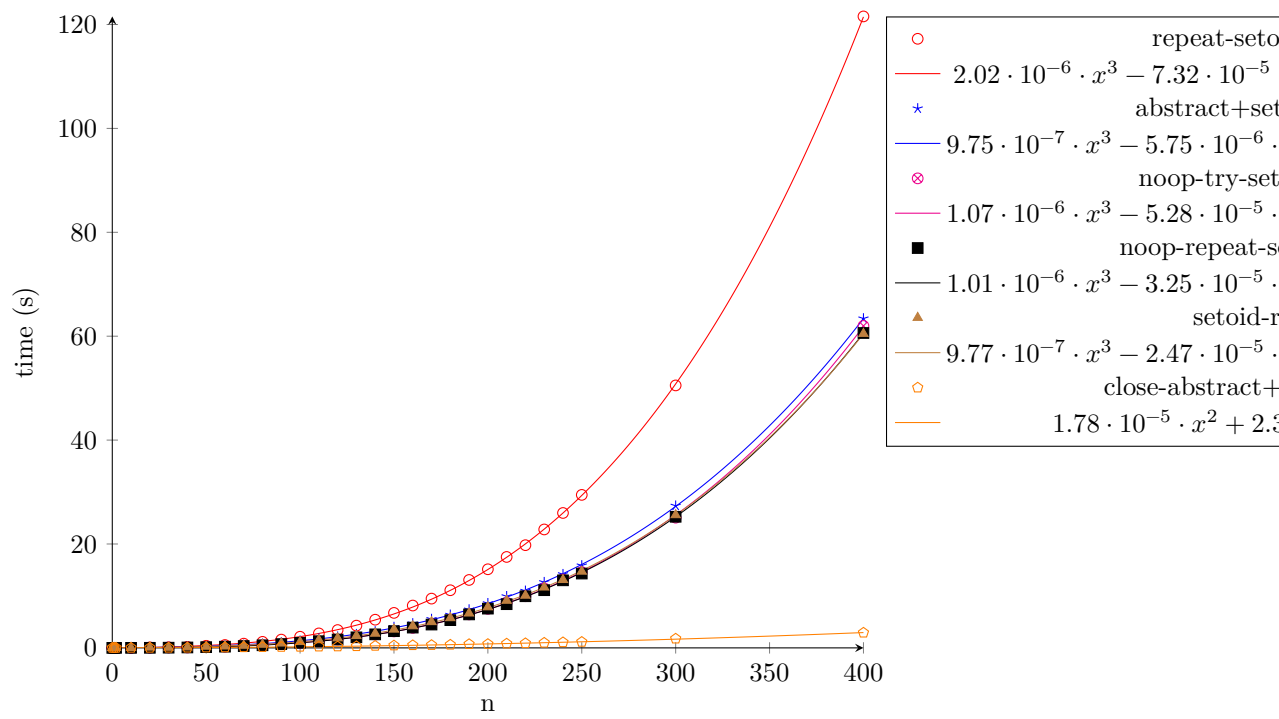Figure 2: timing-n-polymorphic-universes param-1-n   0

Figure 3: timing-repeat-setoid-rewrite-under-binders
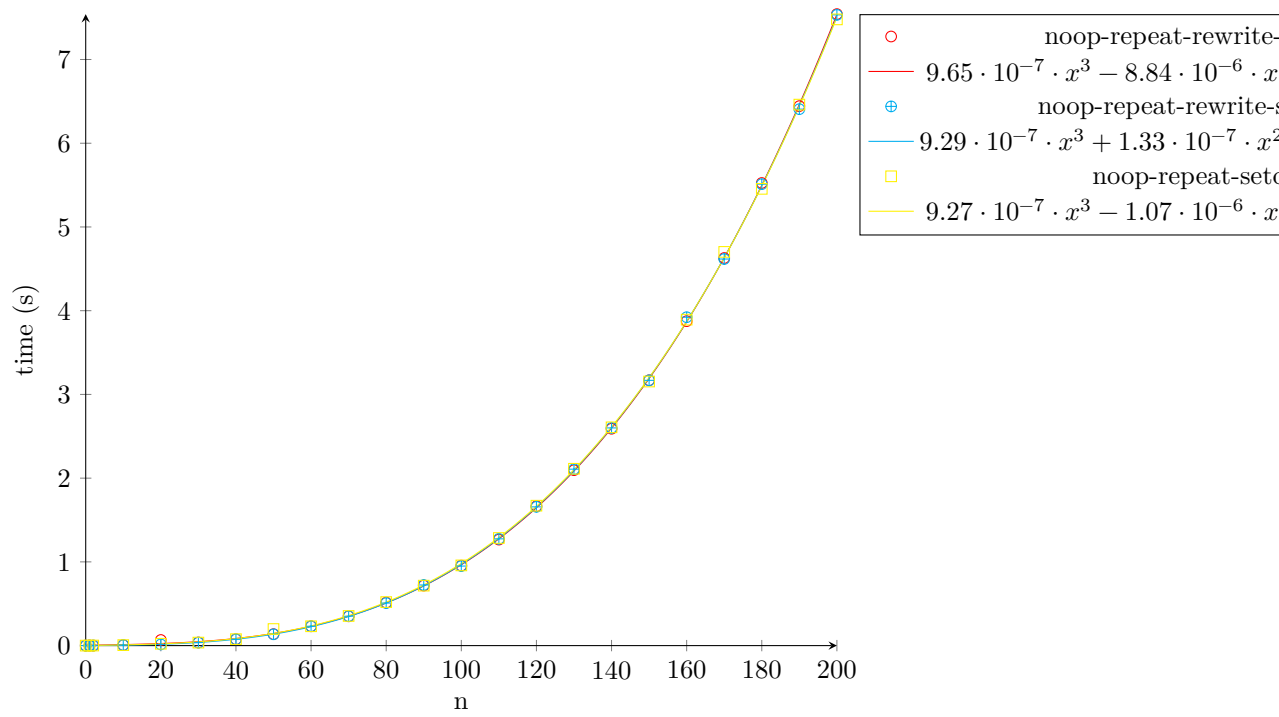
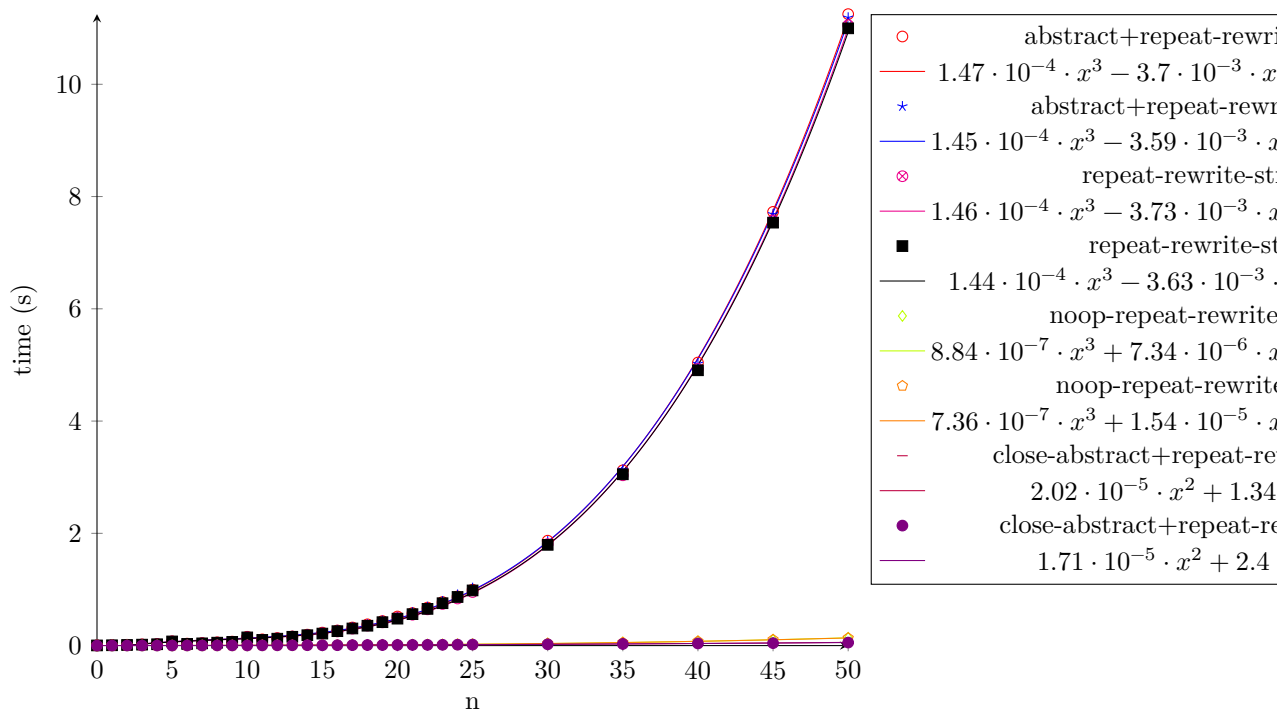Figure 4: timing-repeat-setoid-rewrite-under-binders-noop

4

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

time (s)

3.5

3

2.5

2

1.5

1

0.5

0

abstract+autorewrit
$2.32 \cdot 10^{-5} \cdot x^2 - 4.97 \cdot 10^{-4} \cdot$

abstract+rewrite!-
$2.34 \cdot 10^{-5} \cdot x^2 - 5.59 \cdot 10^{-4} \cdot$

rewrite!-real
$1.5 \cdot 10^{-5} \cdot x^2 - 5.34 \cdot 10^{-4} \cdot x$

autorewrite-rea
$1.47 \cdot 10^{-5} \cdot x^2 - 4.71 \cdot 10^{-4} \cdot$

close-abstract+autorew
$8.5 \cdot 10^{-6} \cdot x^2 - 4.96 \cdot 10^{-5} \cdot$

close-abstract+rewrit
$8.45 \cdot 10^{-6} \cdot x^2 - 4.39 \cdot 10^{-5} \cdot$

rewrite?-noop-re
$2.07 \cdot 10^{-5} \cdot x - 7.95$

autorewrite-noop-r
$2.1 \cdot 10^{-5} \cdot x - 8.2 \cdot$

0   50   100   150   200   250   300   350   400
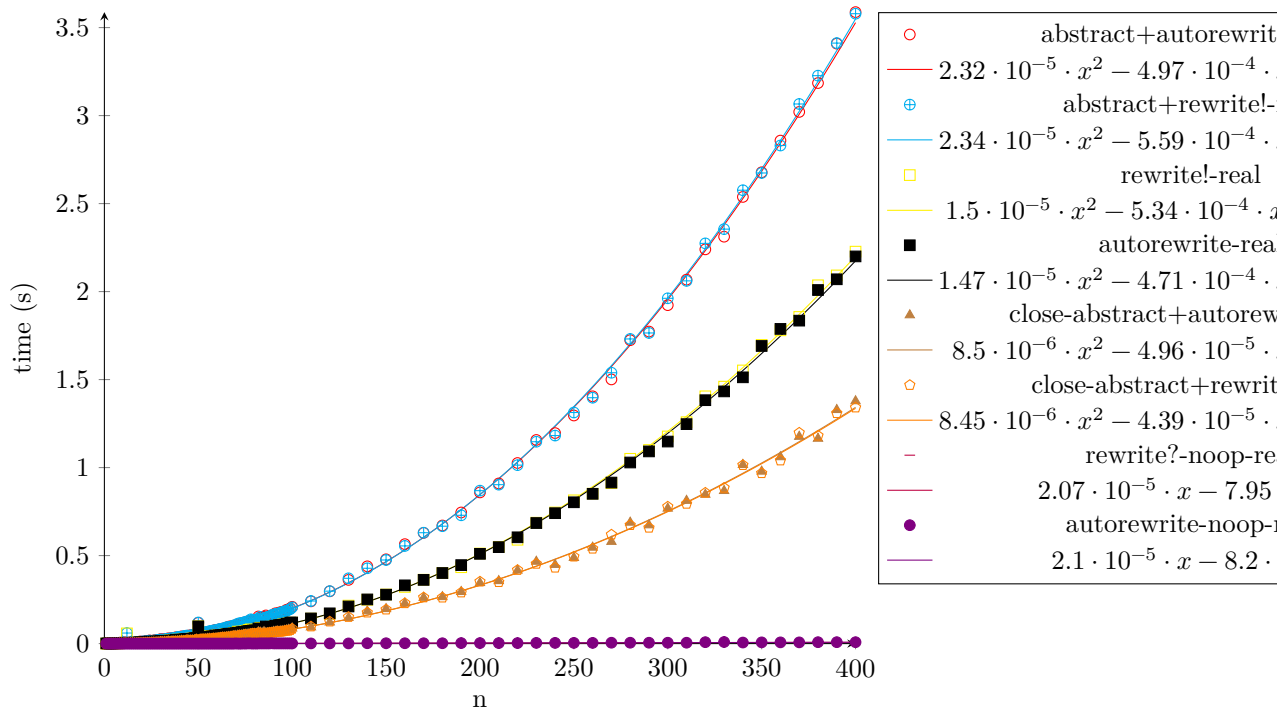
n
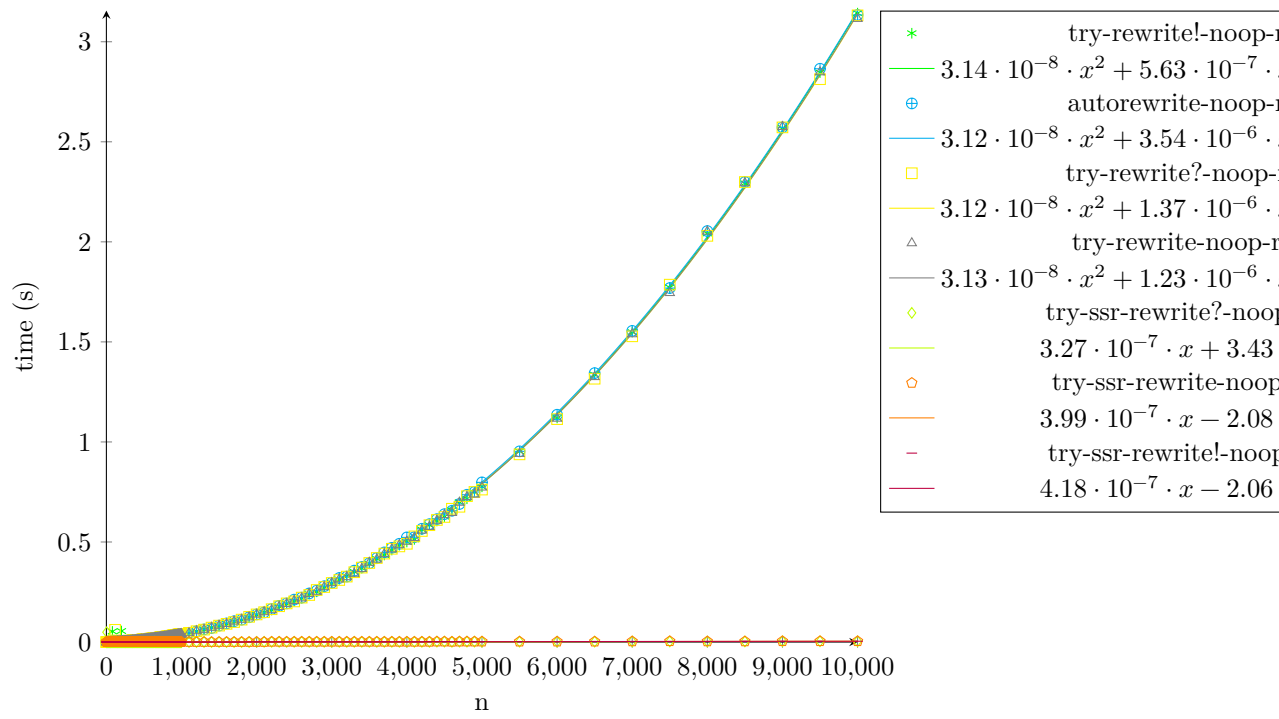
Figure 6: timing-rewrite-repeated-app-autorewrite

6

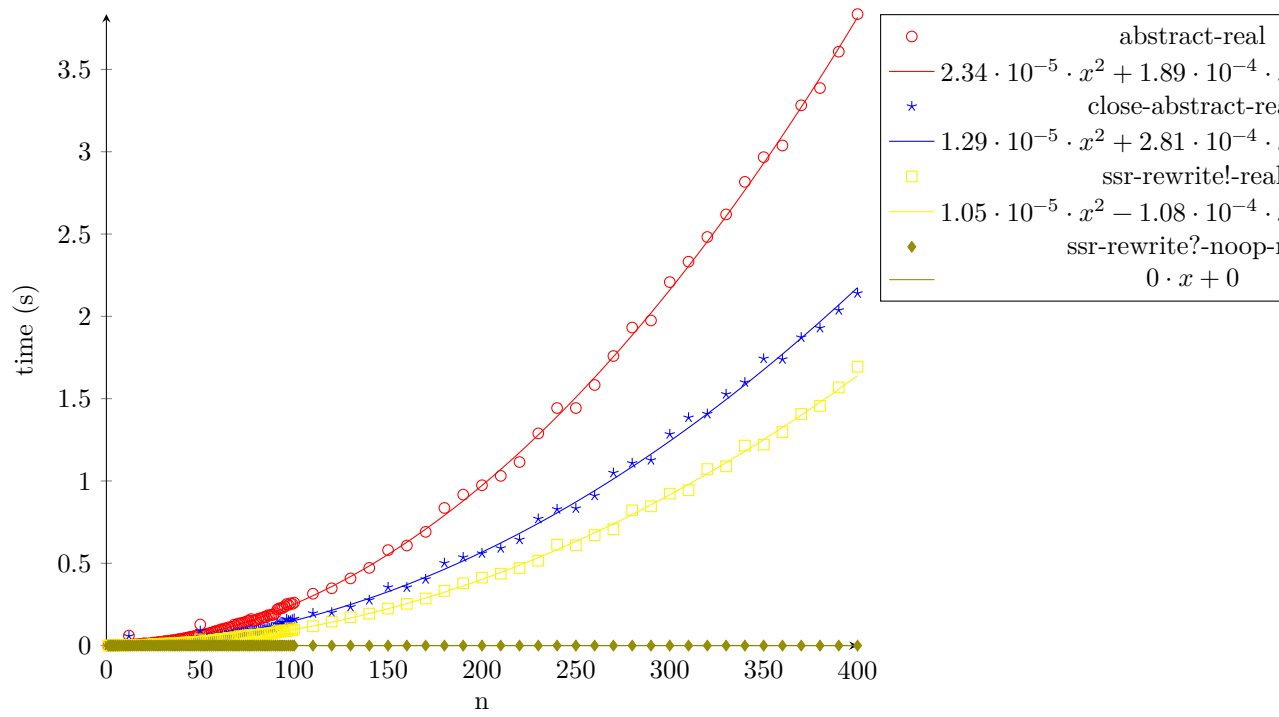Figure 7: timing-rewrite-repeated-app-autorewrite-noop

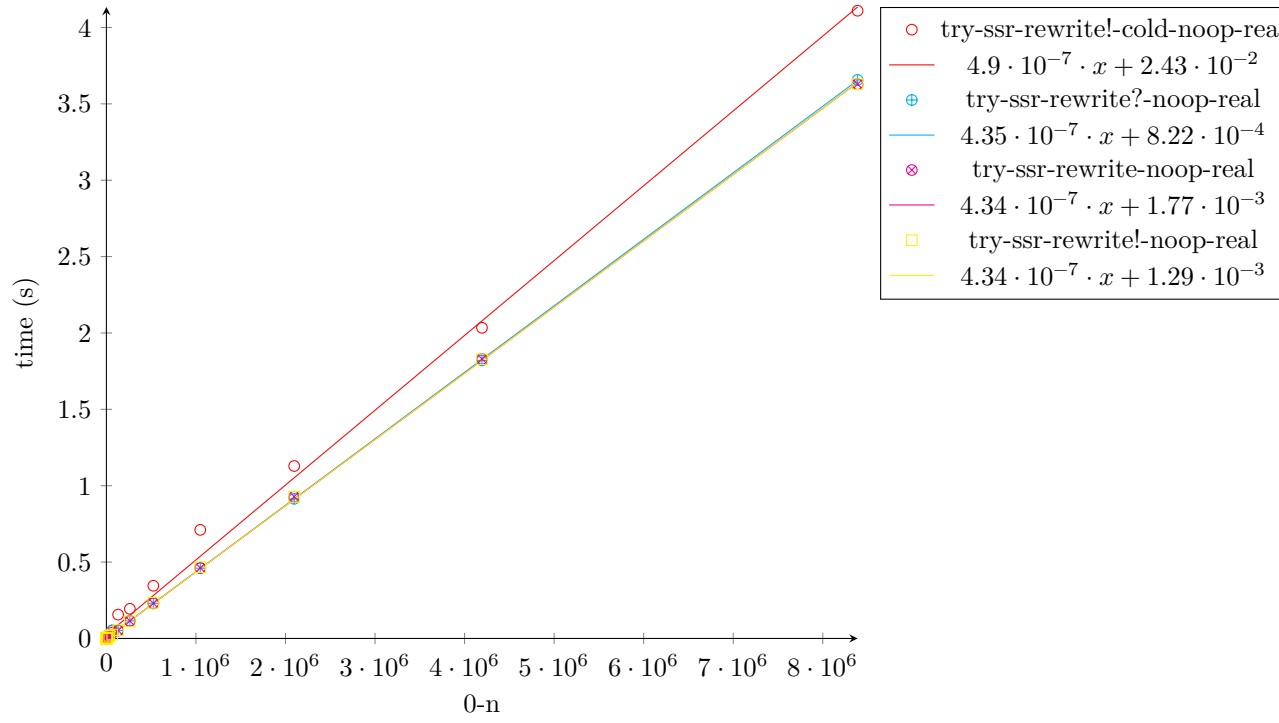Figure 8: timing-rewrite-repeated-app-ssrrewrite

8

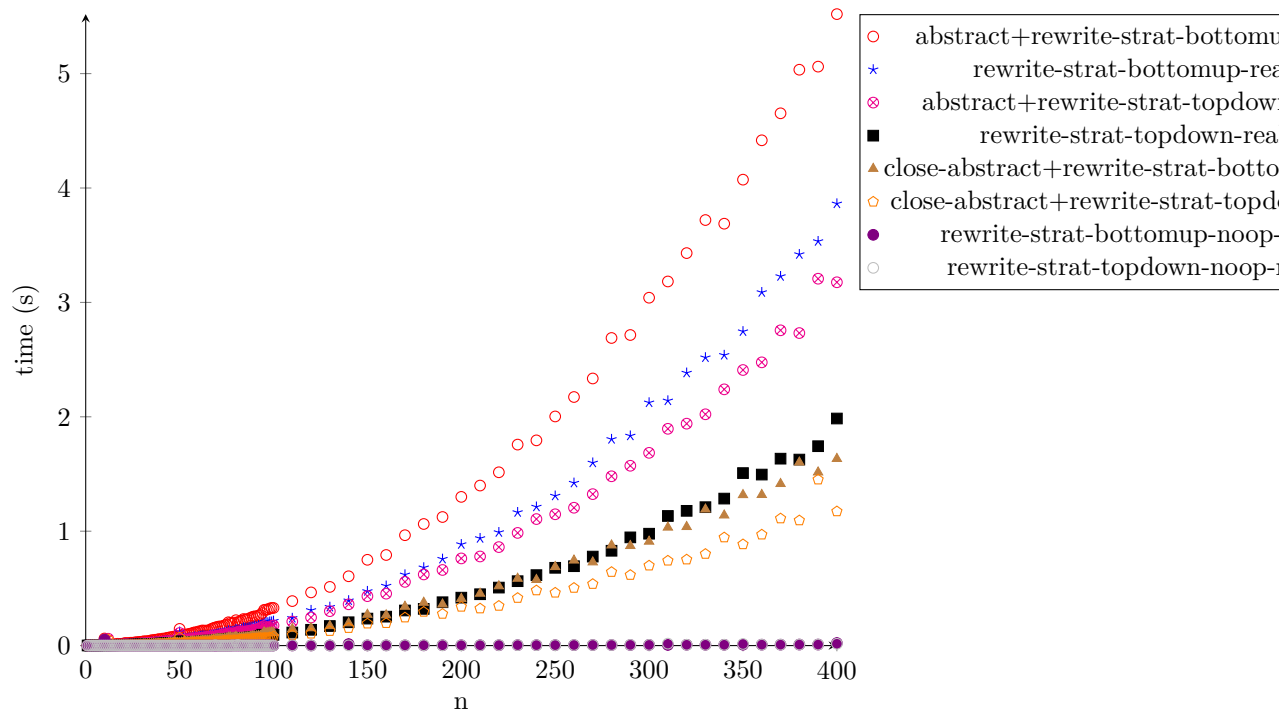Figure 9: timing-rewrite-repeated-app-ssrrewrite-noop param-1-lgn 1

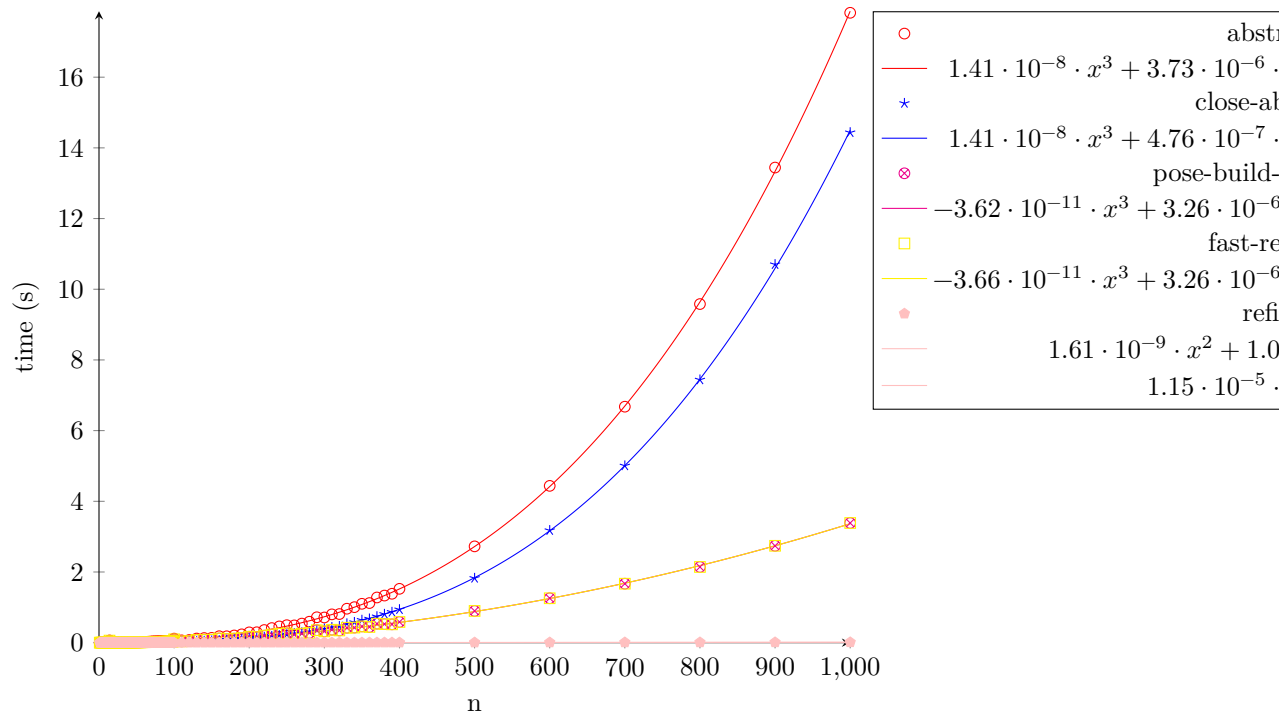Figure 10: timing-rewrite-repeated-app-rewrite-strat
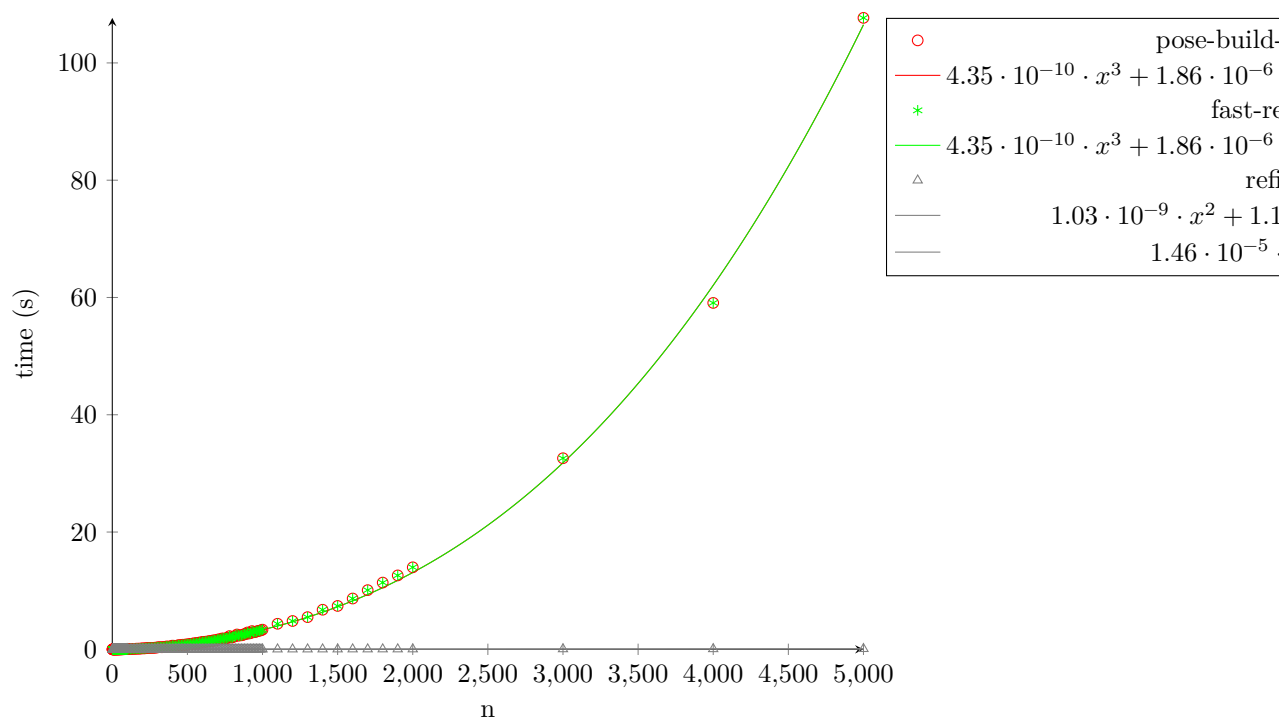
Figure 11: timing-rewrite-repeated-app-fast-rewrite

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