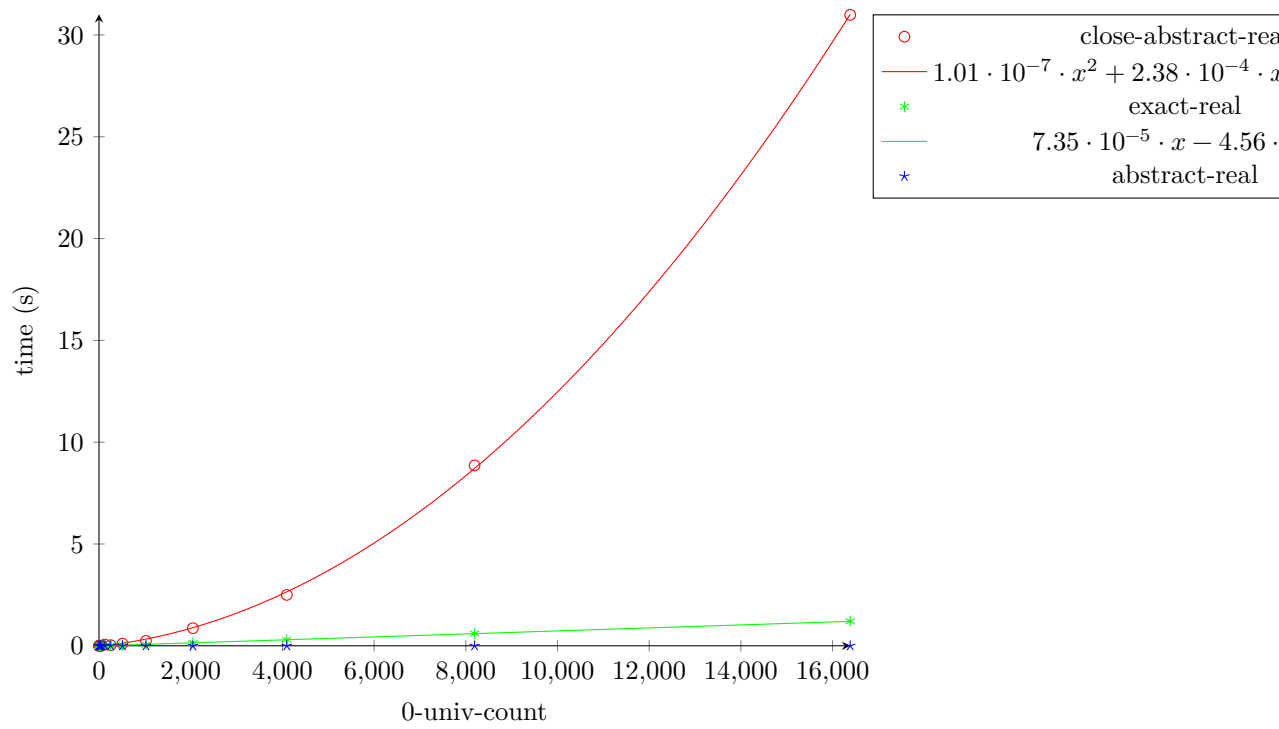Figure 1: timing-pattern

1

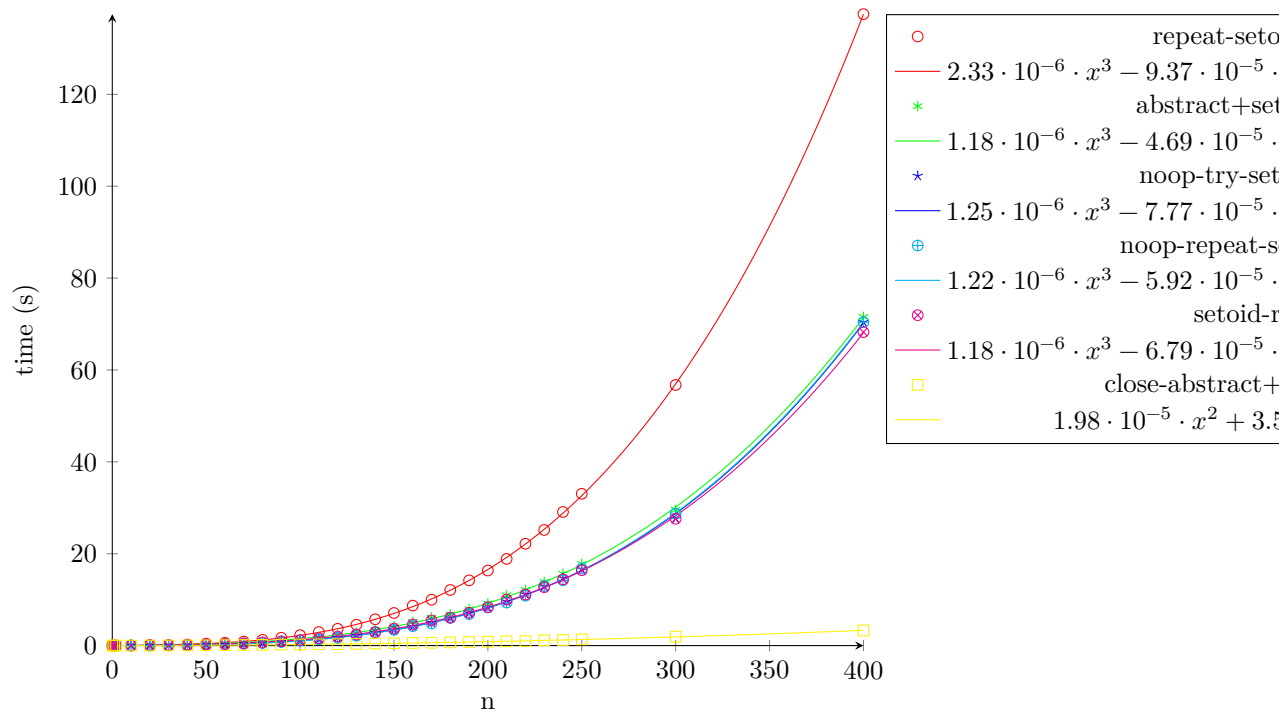Figure 2: timing-n-polymorphic-universes param-1-n 0

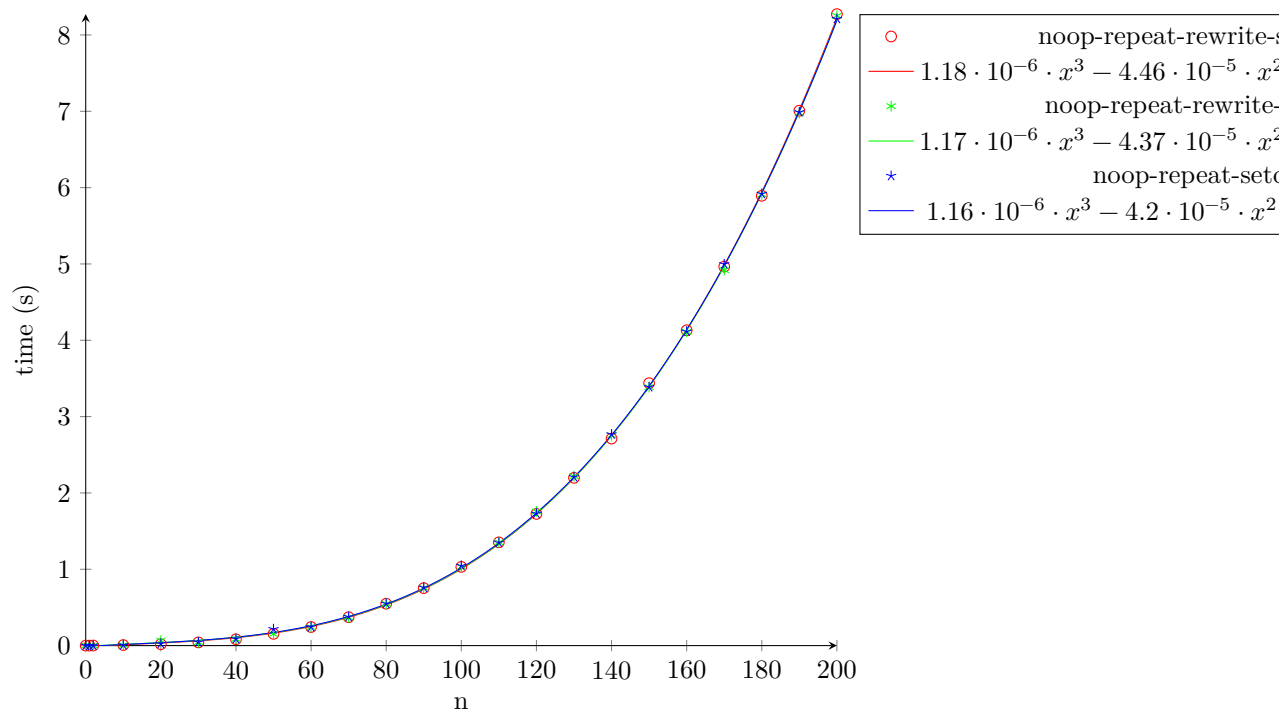Figure 3: timing-repeat-setoid-rewrite-under-binders

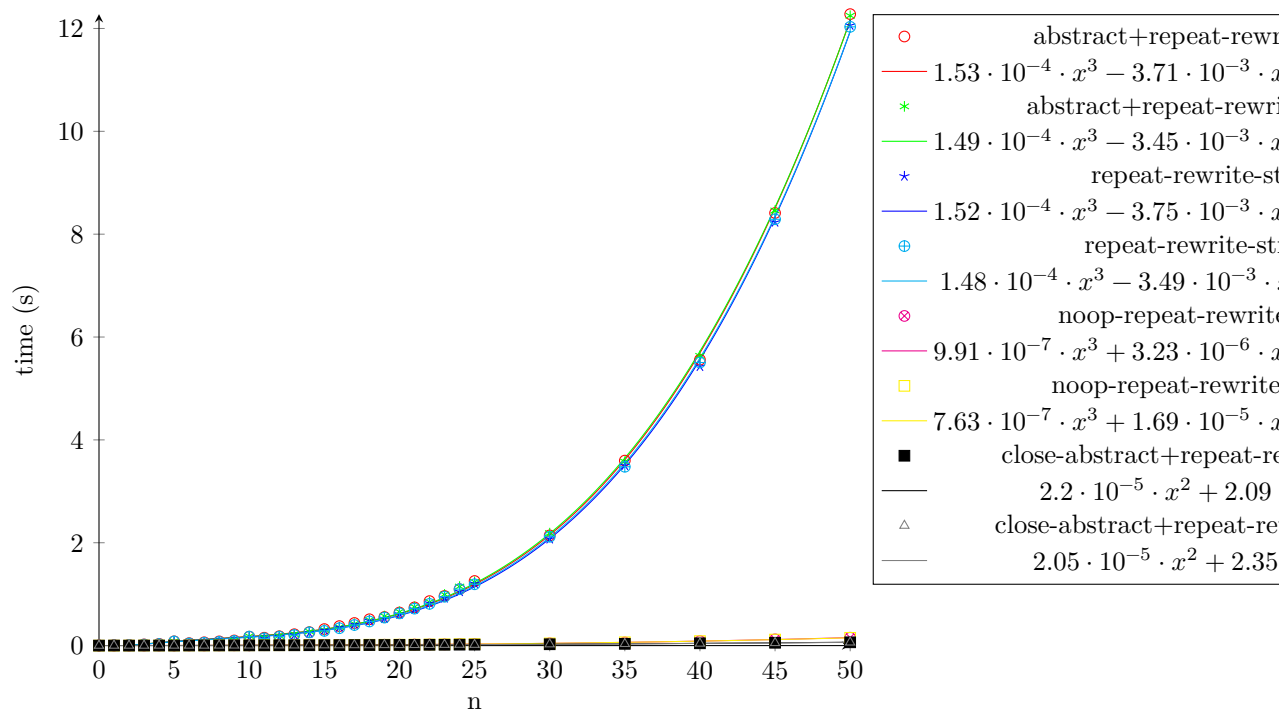Figure 4: timing-repeat-setoid-rewrite-under-binders-noop
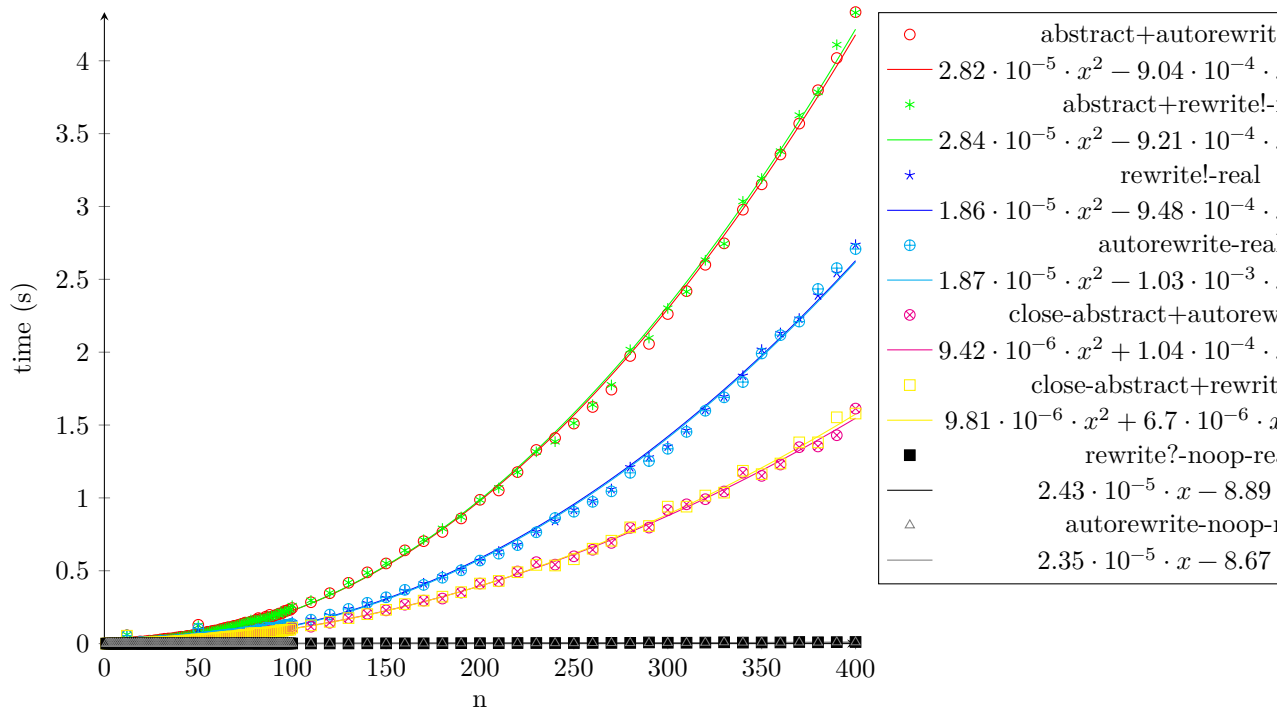
Figure 5: timing-rewrite-strat-under-binders
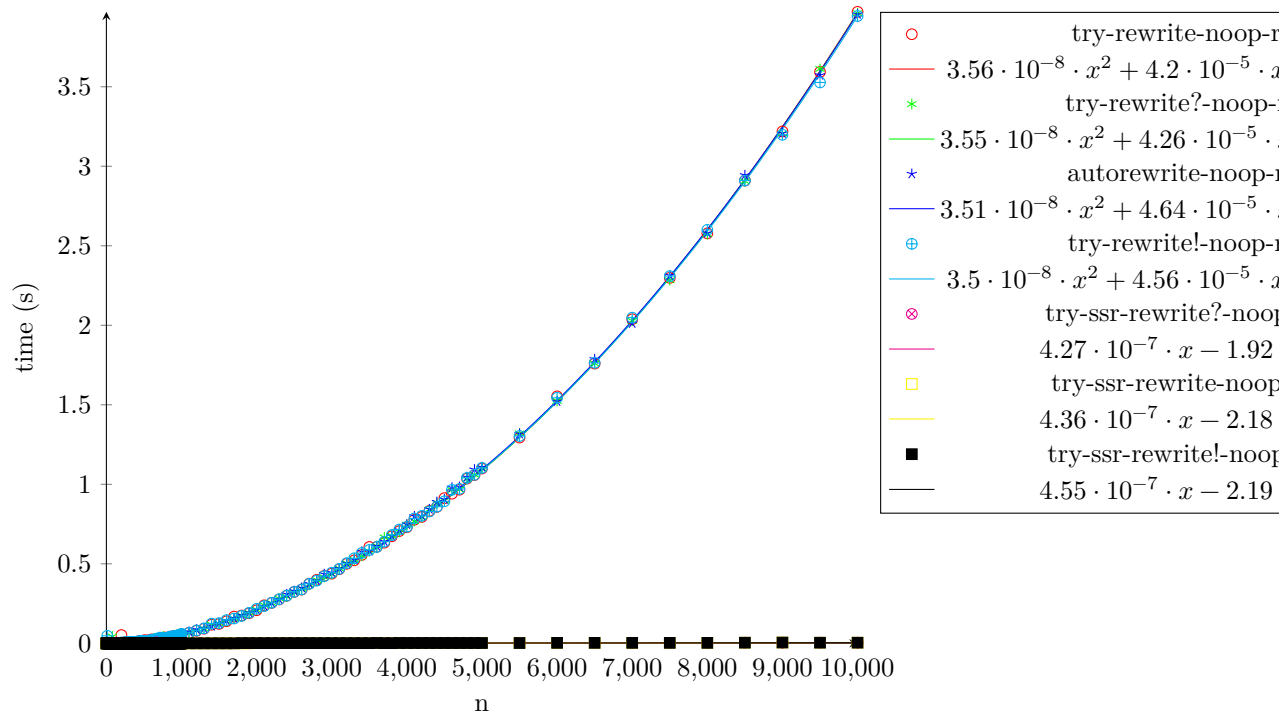
Figure 6: timing-rewrite-repeated-app-autorewrite

time (s)

n

abstract+autorewrit
$2.82 \cdot 10^{-5} \cdot x^2 - 9.04 \cdot 10^{-4} \cdot$
abstract+rewrite!-
$2.84 \cdot 10^{-5} \cdot x^2 - 9.21 \cdot 10^{-4} \cdot$
rewrite!-real
$1.86 \cdot 10^{-5} \cdot x^2 - 9.48 \cdot 10^{-4} \cdot$
autorewrite-rea
$1.87 \cdot 10^{-5} \cdot x^2 - 1.03 \cdot 10^{-3} \cdot$
close-abstract+autorew
$9.42 \cdot 10^{-6} \cdot x^2 + 1.04 \cdot 10^{-4} \cdot$
close-abstract+rewrit
$9.81 \cdot 10^{-6} \cdot x^2 + 6.7 \cdot 10^{-6} \cdot x$
rewrite?-noop-re
$2.43 \cdot 10^{-5} \cdot x - 8.89$
autorewrite-noop-
$2.35 \cdot 10^{-5} \cdot x - 8.67$

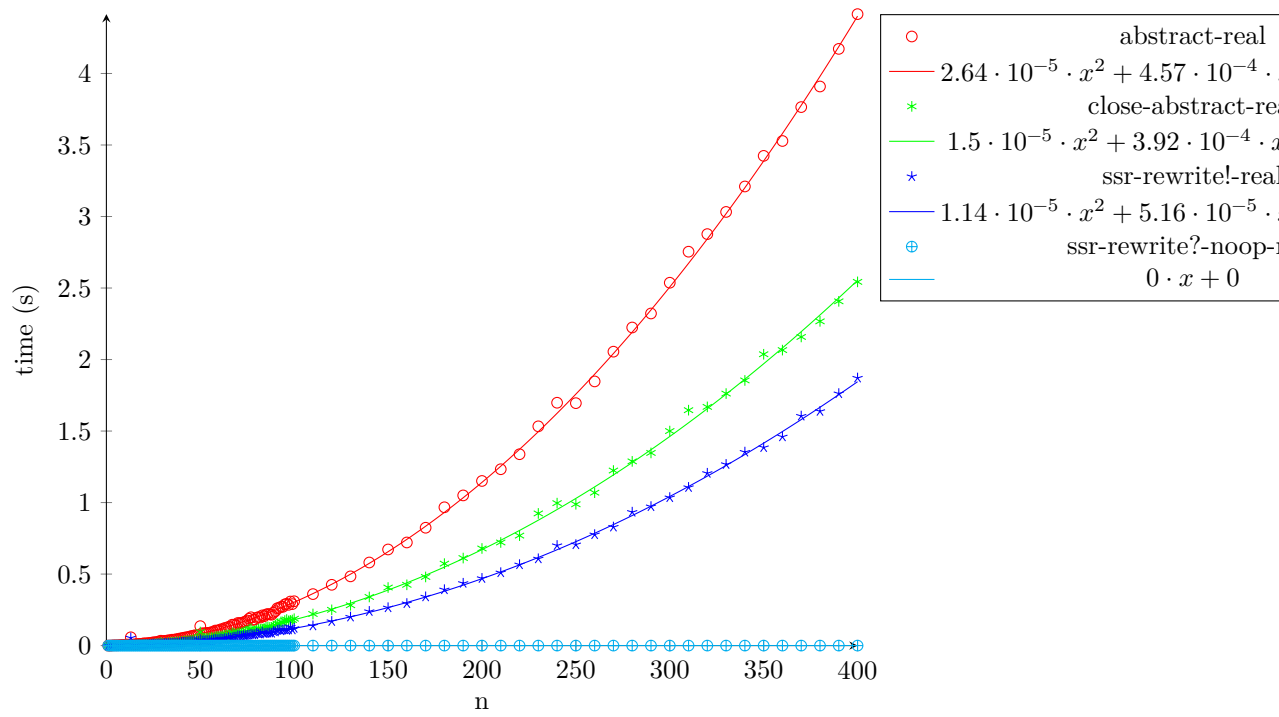Figure 7: timing-rewrite-repeated-app-autorewrite-noop
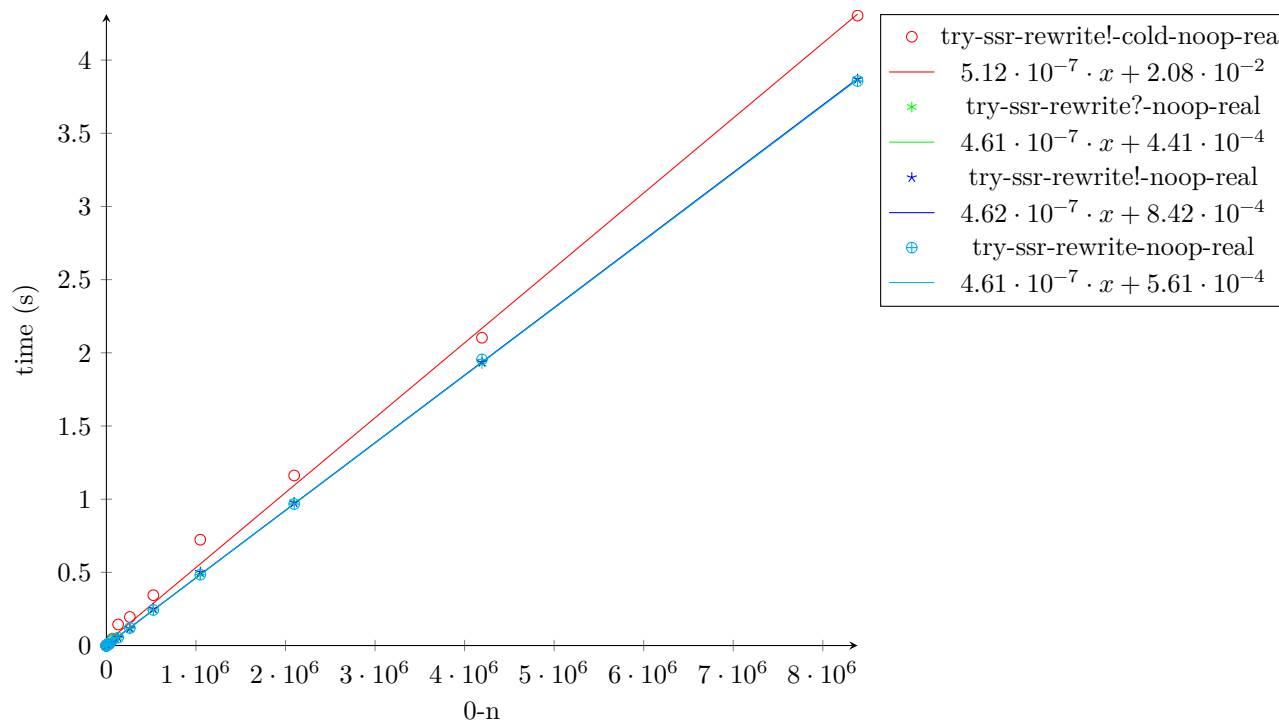
7

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

8

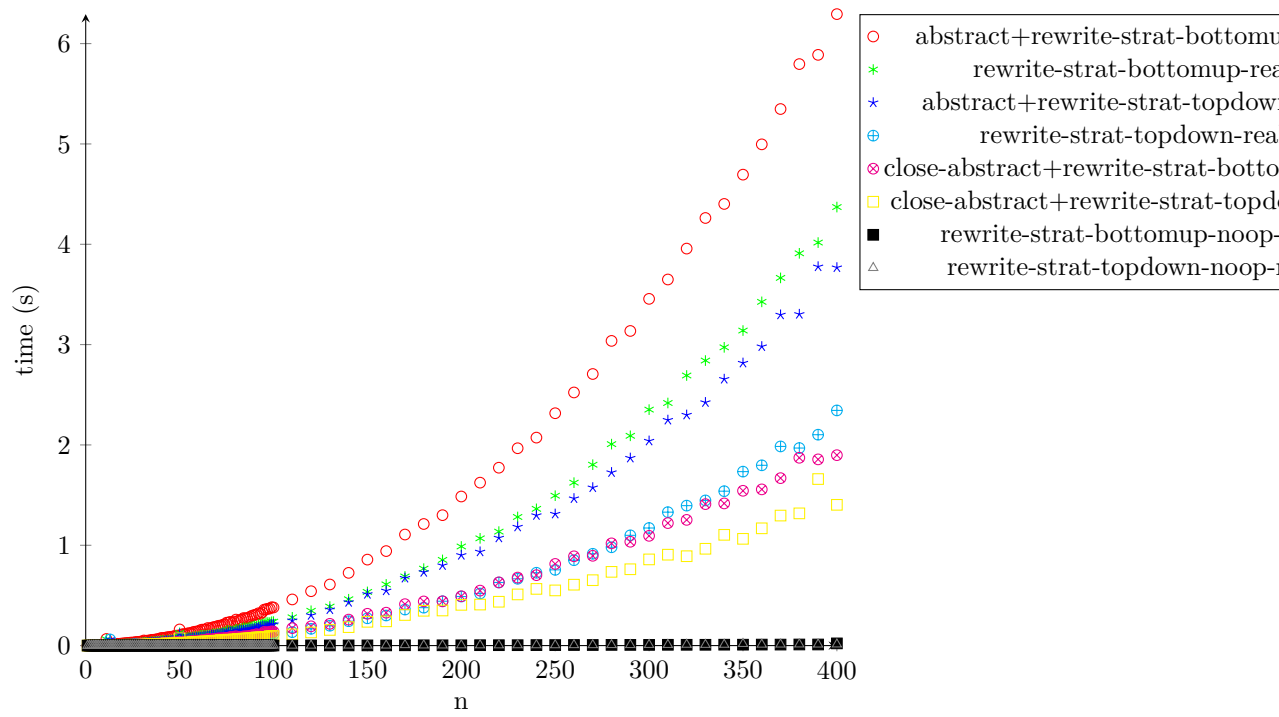Figure 9: timing-rewrite-repeated-app-ssrrewrite-noop param-1-lgn   1
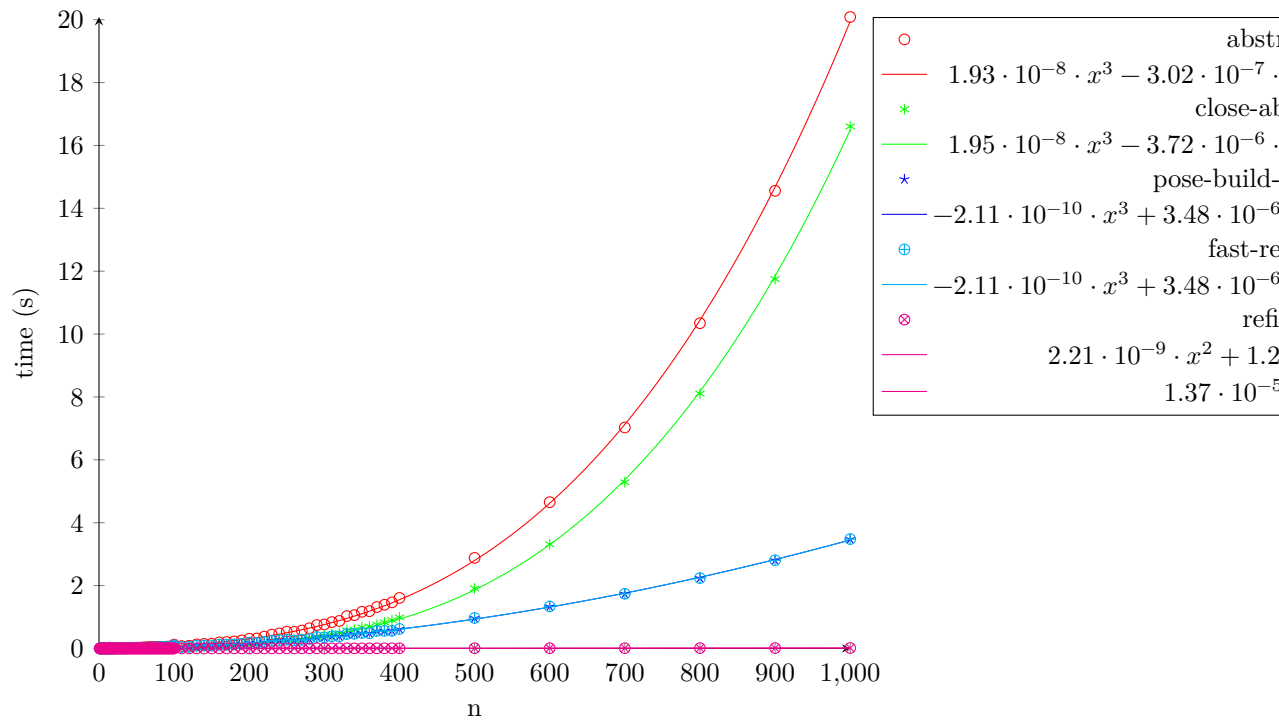
Figure 10: timing-rewrite-repeated-app-rewrite-strat

The figure legend contains:
- abstract+rewrite-strat-bottomu...
- rewrite-strat-bottomup-rea...
- abstract+rewrite-strat-topdow...
- rewrite-strat-topdown-rea...
- close-abstract+rewrite-strat-botto...
- close-abstract+rewrite-strat-topd...
- rewrite-strat-bottomup-noop-...
- rewrite-strat-topdown-noop-...

The plot shows time (s) on the y-axis (0 to 6) versus n on the x-axis (0 to 400).
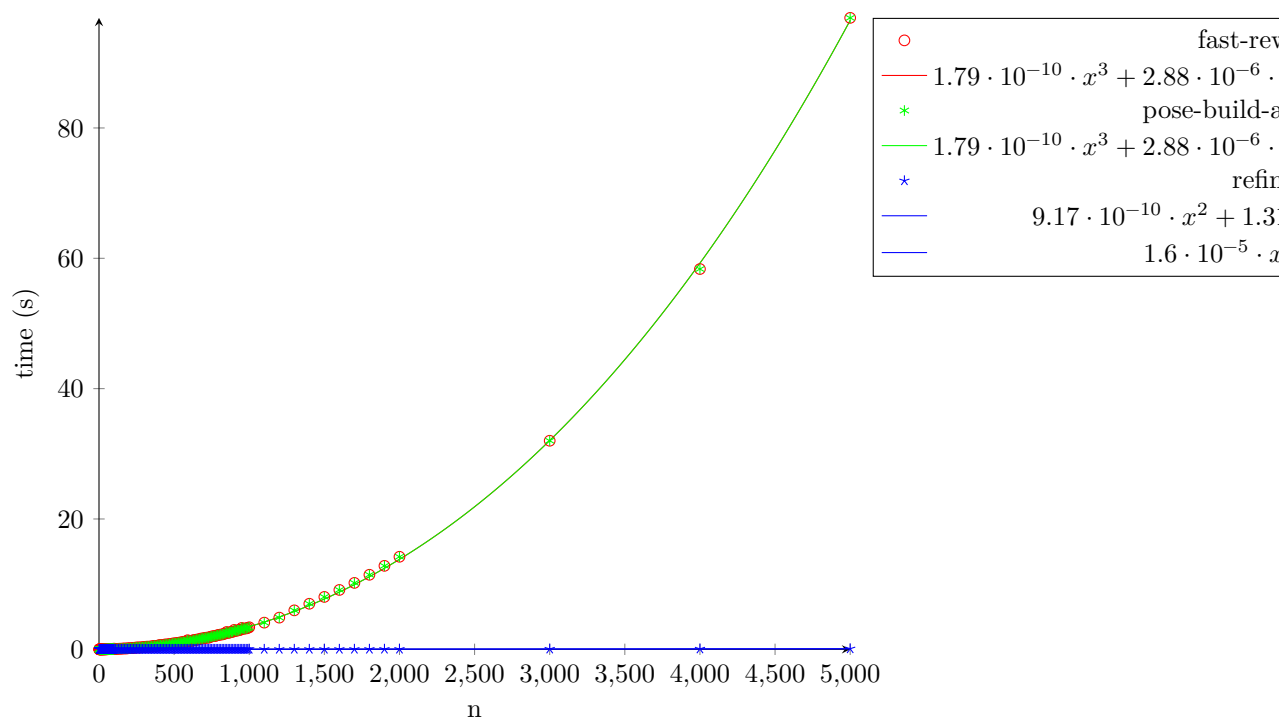
Figure 11: timing-rewrite-repeated-app-fast-rewrite

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