Figure 1: timing-pattern

1
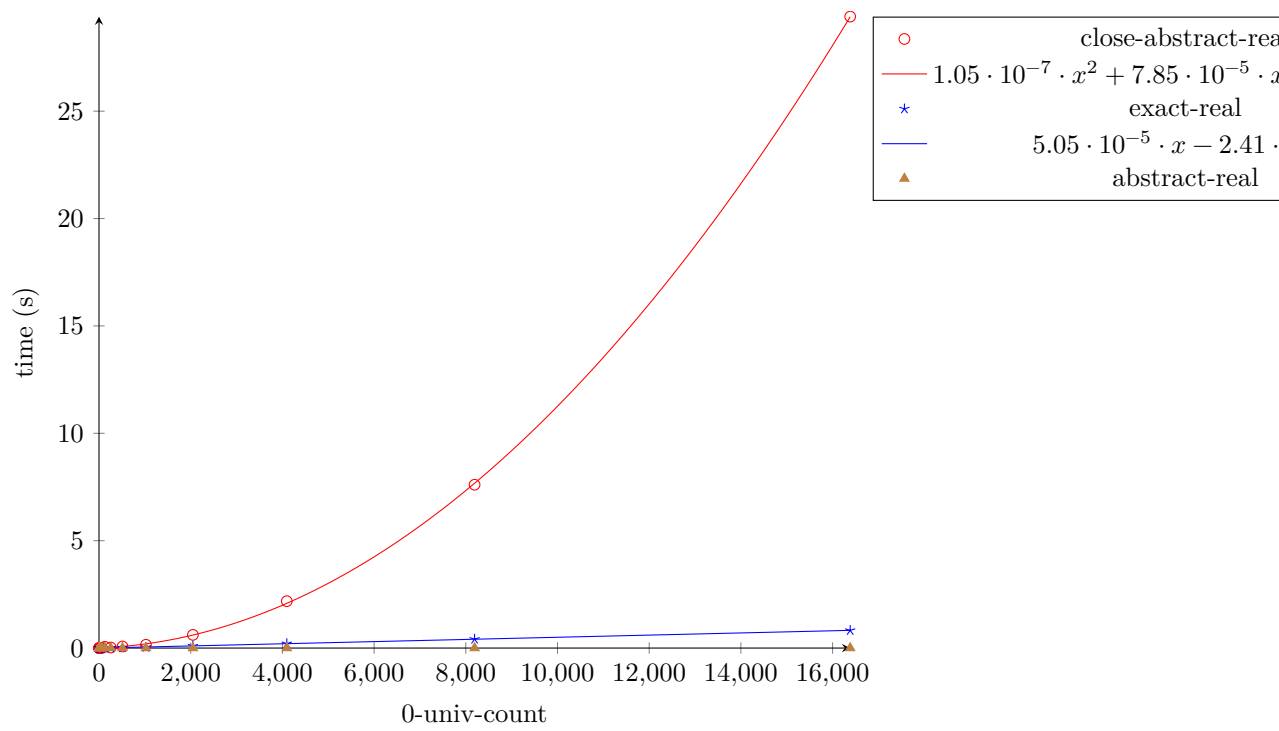
Figure 2: timing-n-polymorphic-universes param-1-n 0
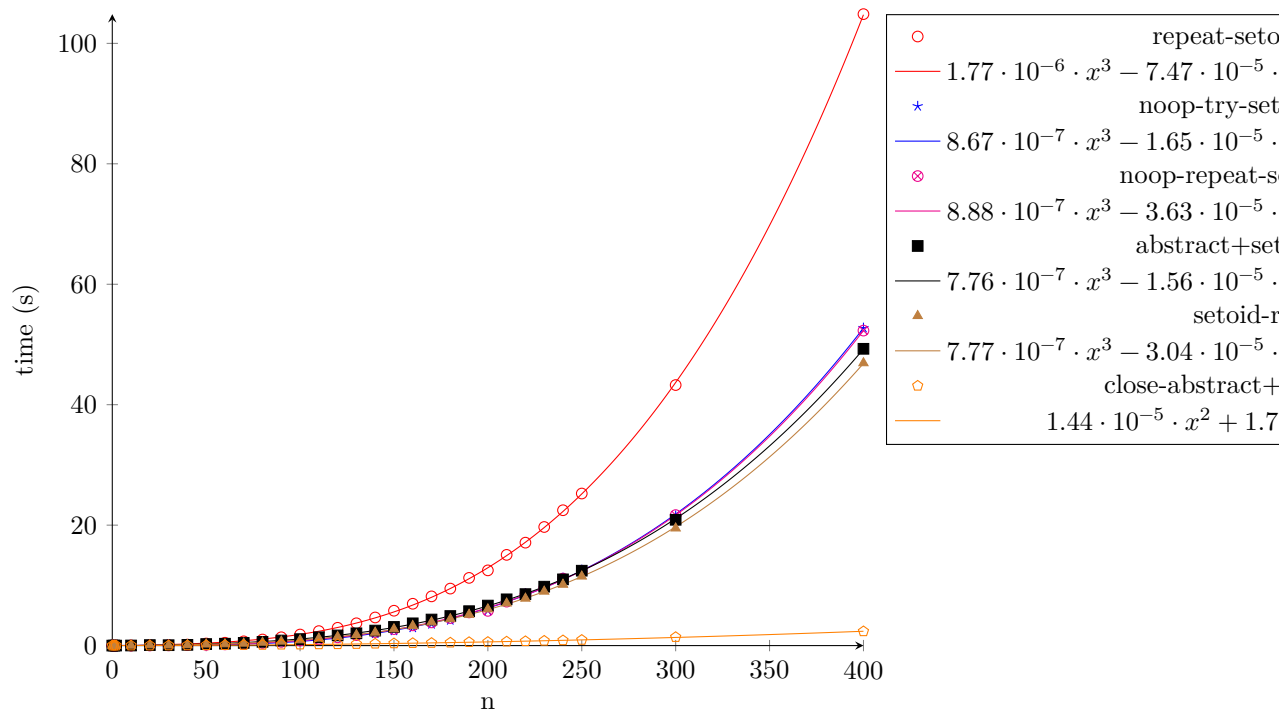
Figure 3: timing-repeat-setoid-rewrite-under-binders

The figure shows a plot with n on the horizontal axis (0 to 400) and time (s) on the vertical axis (0 to 100). Legend entries (partially cut off):

- repeat-seto...
  $1.77 \cdot 10^{-6} \cdot x^3 - 7.47 \cdot 10^{-5} \cdot \ldots$
- noop-try-set...
  $8.67 \cdot 10^{-7} \cdot x^3 - 1.65 \cdot 10^{-5} \cdot \ldots$
- noop-repeat-s...
  $8.88 \cdot 10^{-7} \cdot x^3 - 3.63 \cdot 10^{-5} \cdot \ldots$
- abstract+set...
  $7.76 \cdot 10^{-7} \cdot x^3 - 1.56 \cdot 10^{-5} \cdot \ldots$
- setoid-r...
  $7.77 \cdot 10^{-7} \cdot x^3 - 3.04 \cdot 10^{-5} \cdot \ldots$
- close-abstract+...
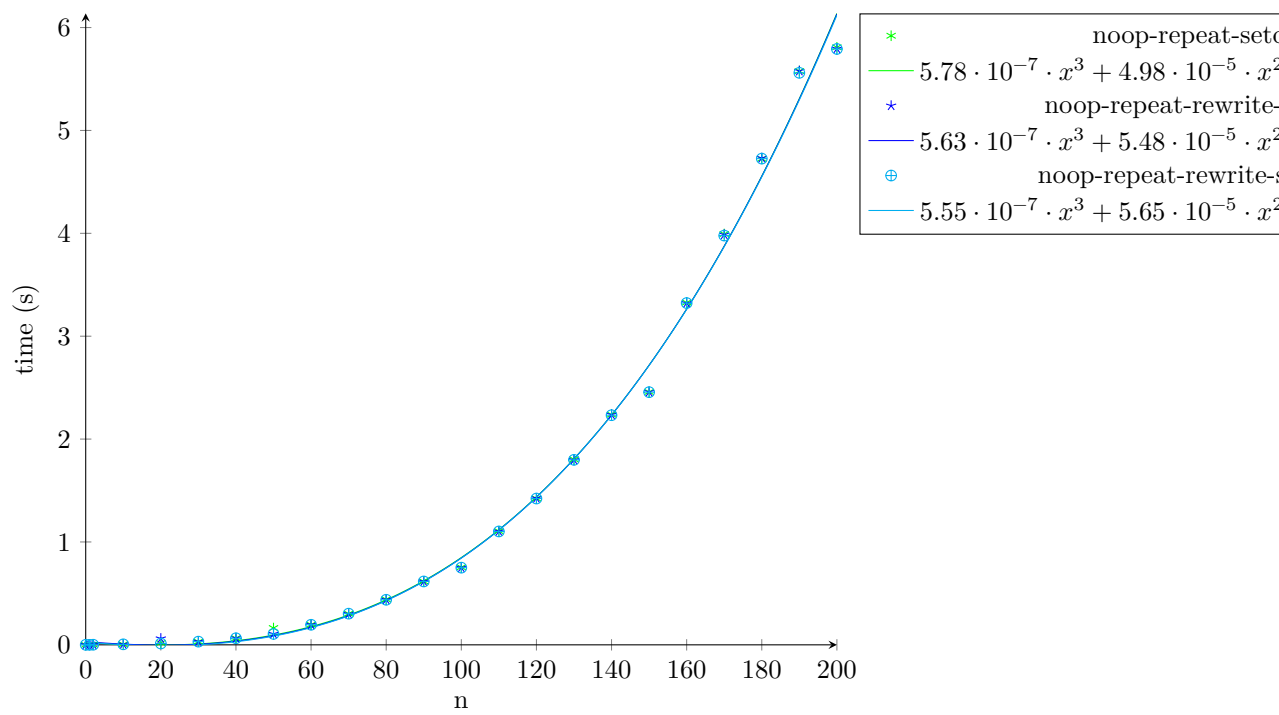 $1.44 \cdot 10^{-5} \cdot x^2 + 1.7 \ldots$

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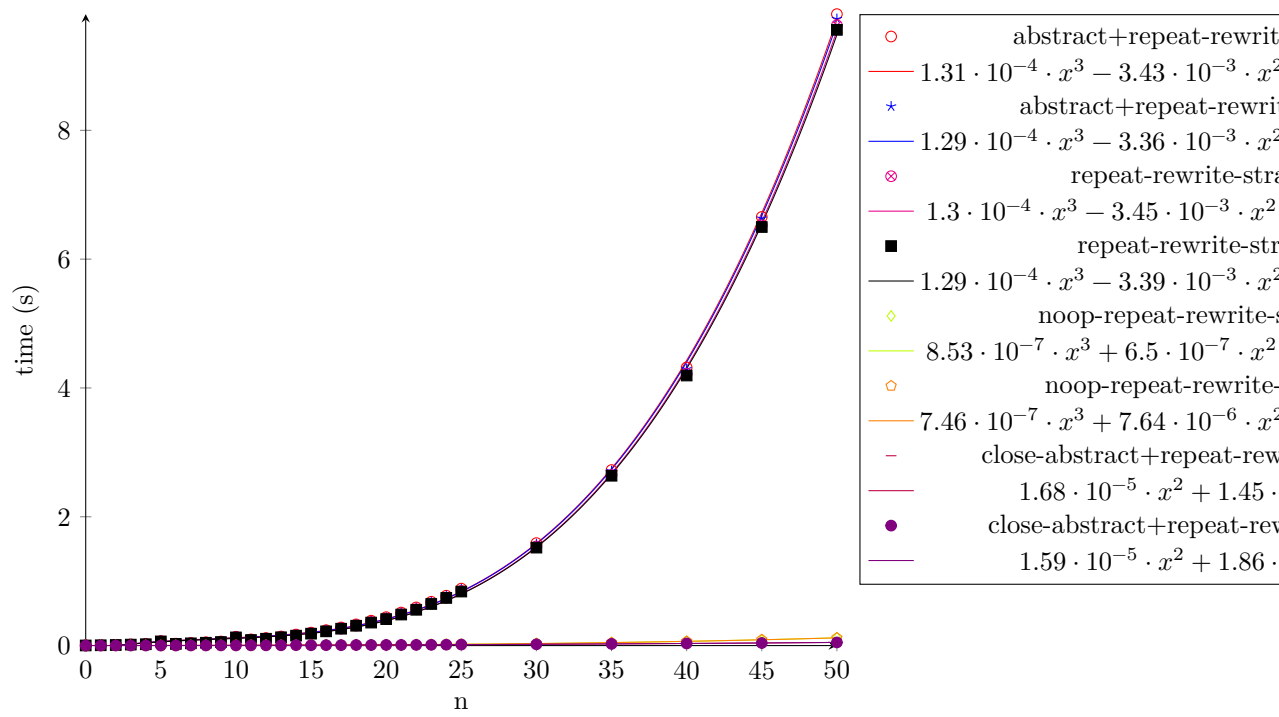
4

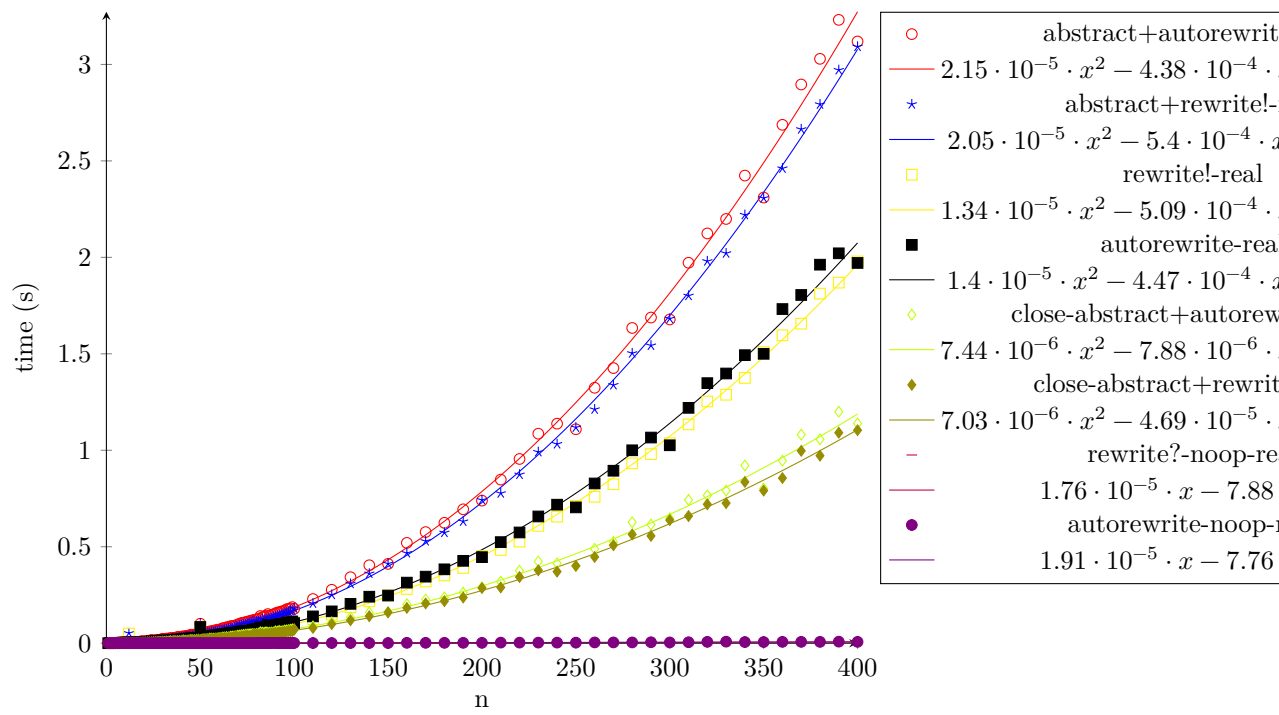Figure 5: timing-rewrite-strat-under-binders

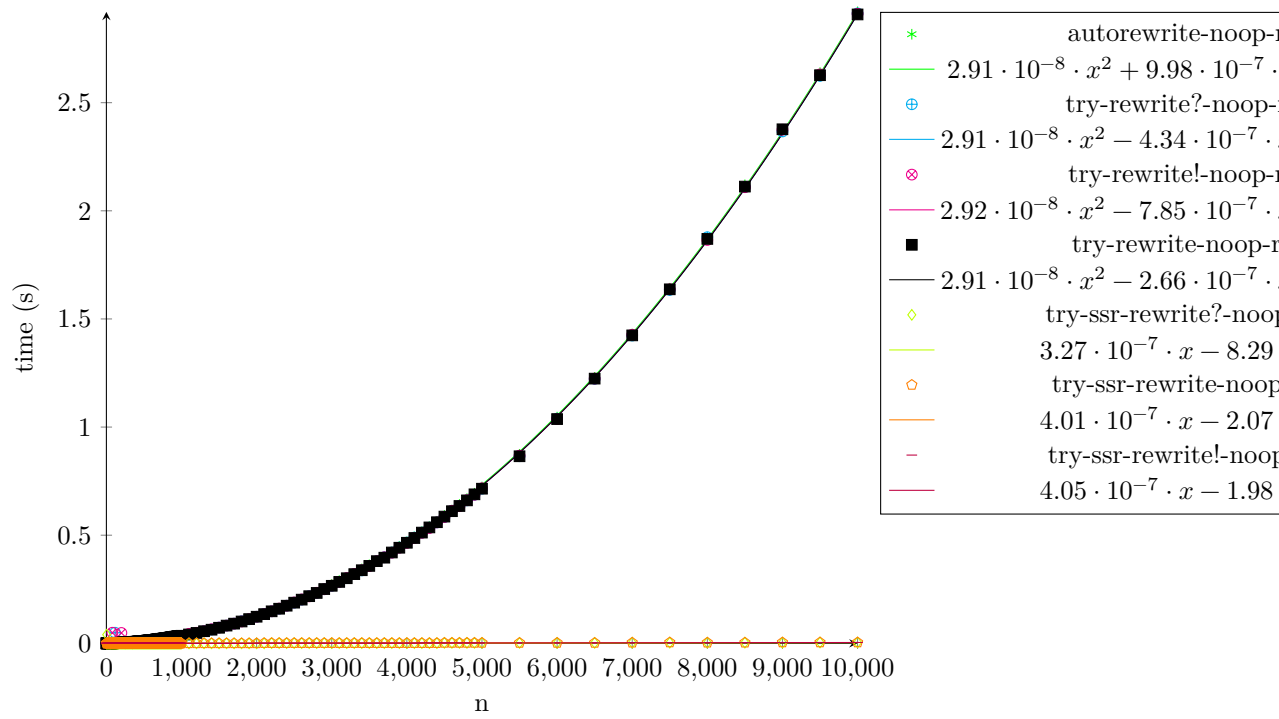Figure 6: timing-rewrite-repeated-app-autorewrite

6

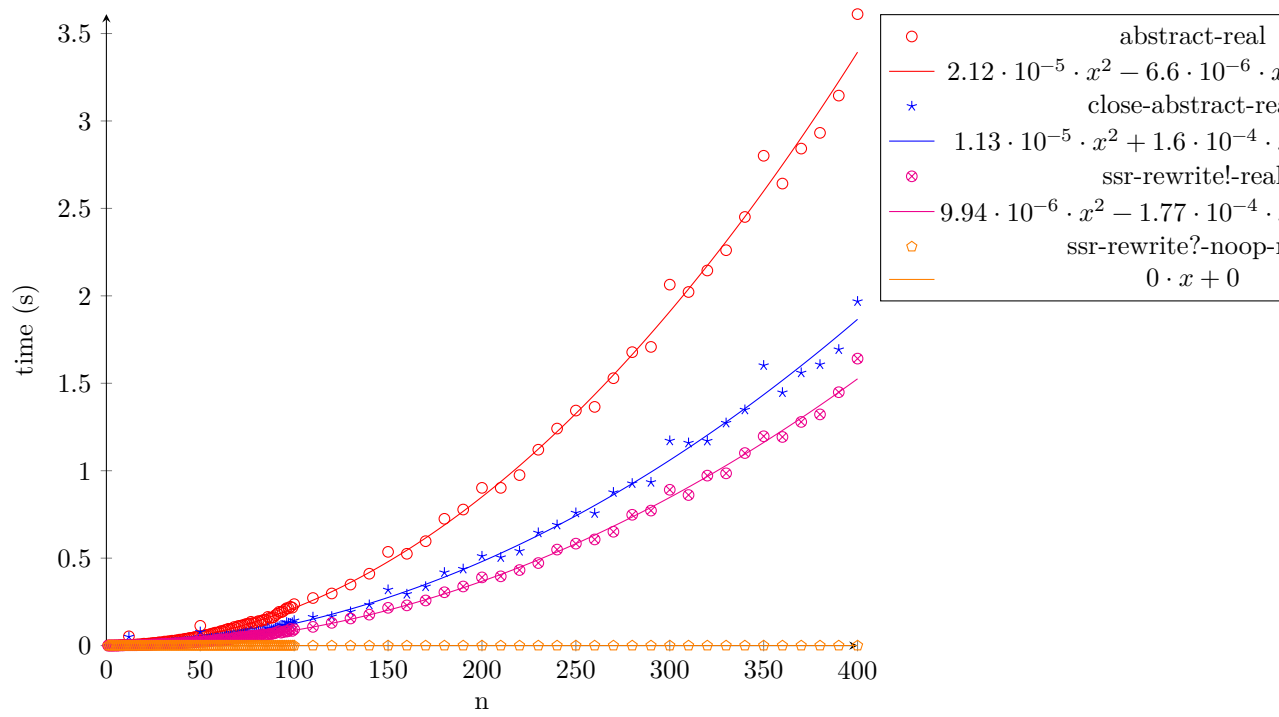Figure 7: timing-rewrite-repeated-app-autorewrite-noop
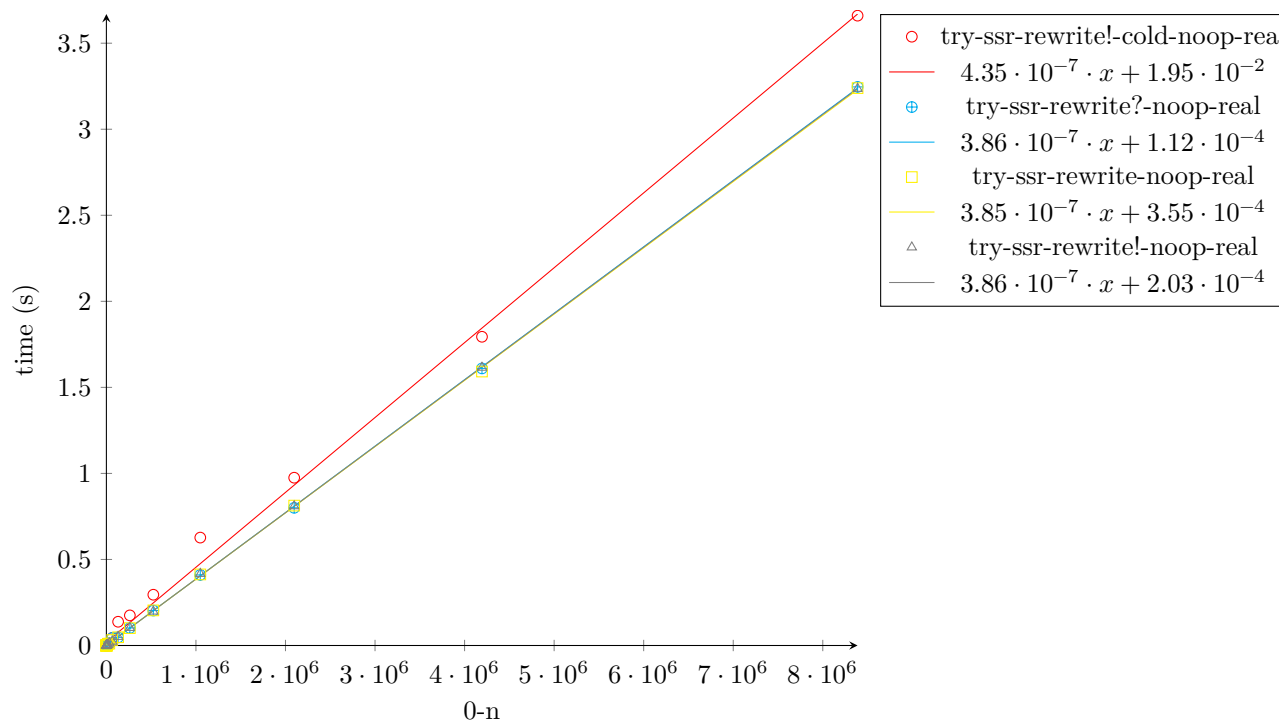
Figure 8: timing-rewrite-repeated-app-ssrrewrite

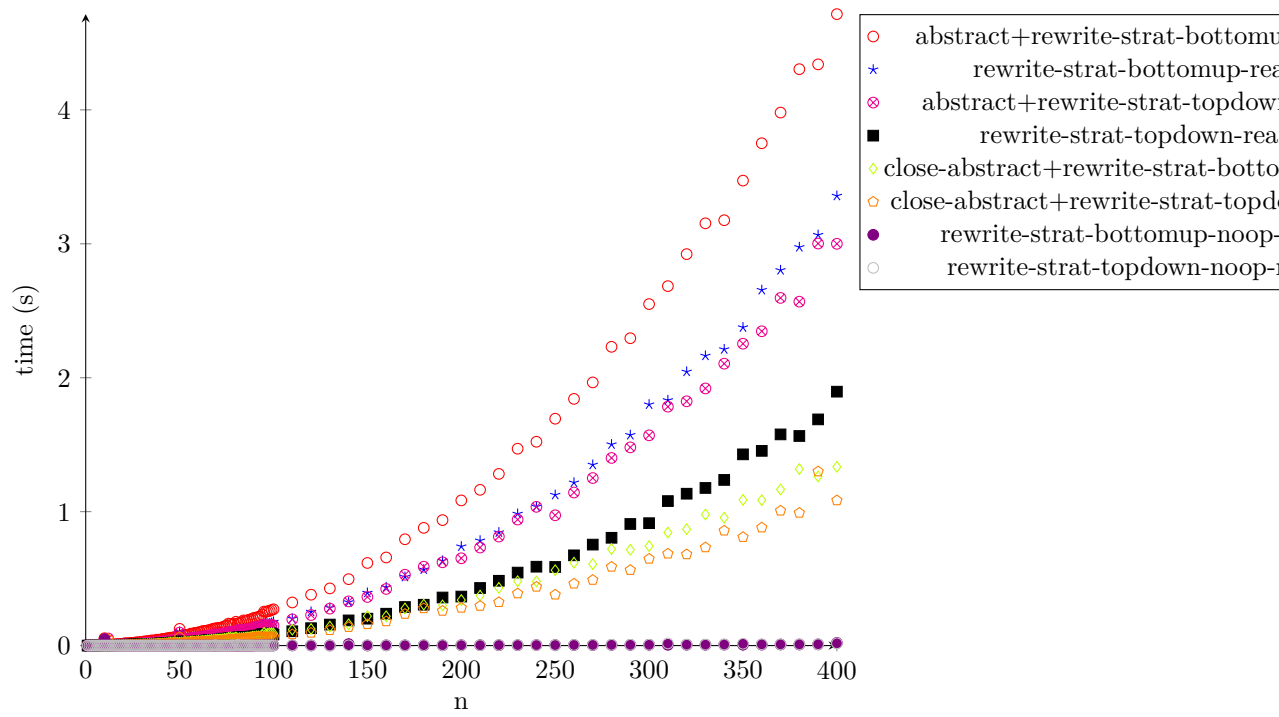Figure 9: timing-rewrite-repeated-app-ssrrewrite-noop param-1-lgn 1

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

The legend of the figure 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-r...

The axes are labeled "time (s)" (vertical) and "n" (horizontal).

abstr

$1.07 \cdot 10^{-8} \cdot x^3 + 2.82 \cdot 10^{-6} \cdot$

close-ab

$1.07 \cdot 10^{-8} \cdot x^3 + 2.26 \cdot 10^{-7} \cdot$

pose-build-

$-7.25 \cdot 10^{-11} \cdot x^3 + 2.61 \cdot 10^{-}$

fast-re

$-7.18 \cdot 10^{-11} \cdot x^3 + 2.61 \cdot 10^{-6}$

refi

$1.57 \cdot 10^{-9} \cdot x^2 + 8.8$

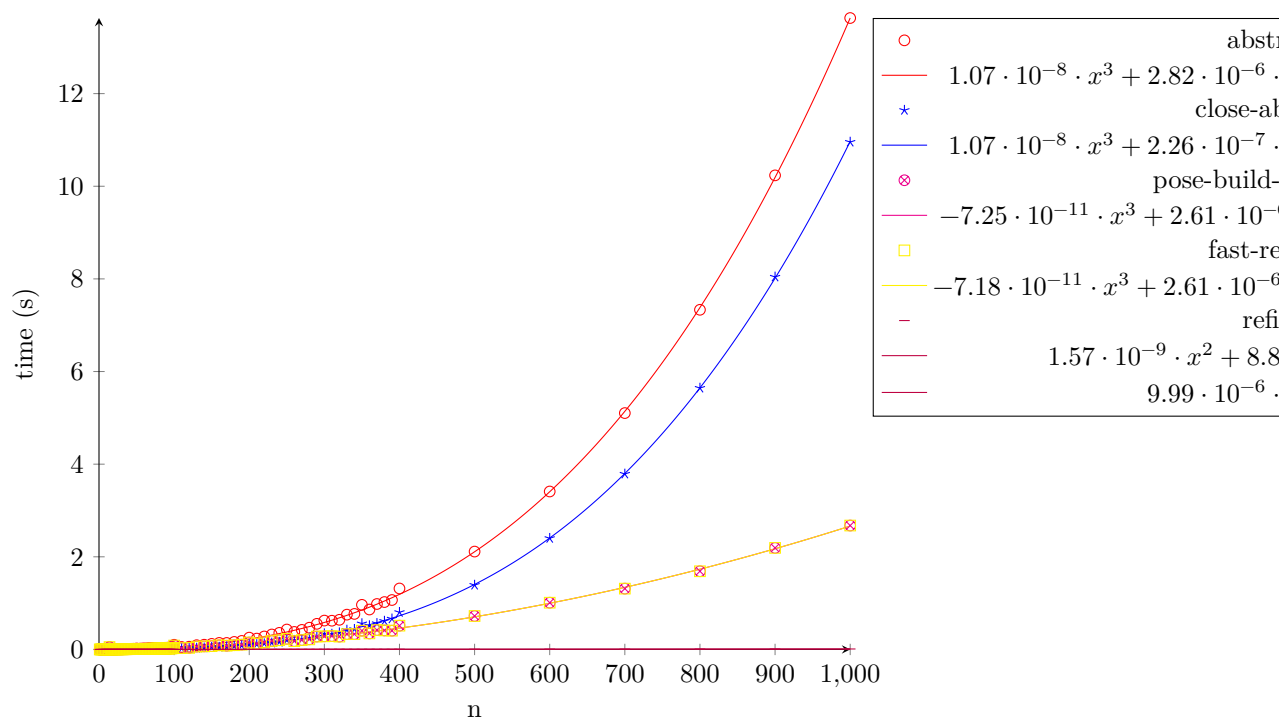$9.99 \cdot 10^{-6} \cdot$

time (s)

n

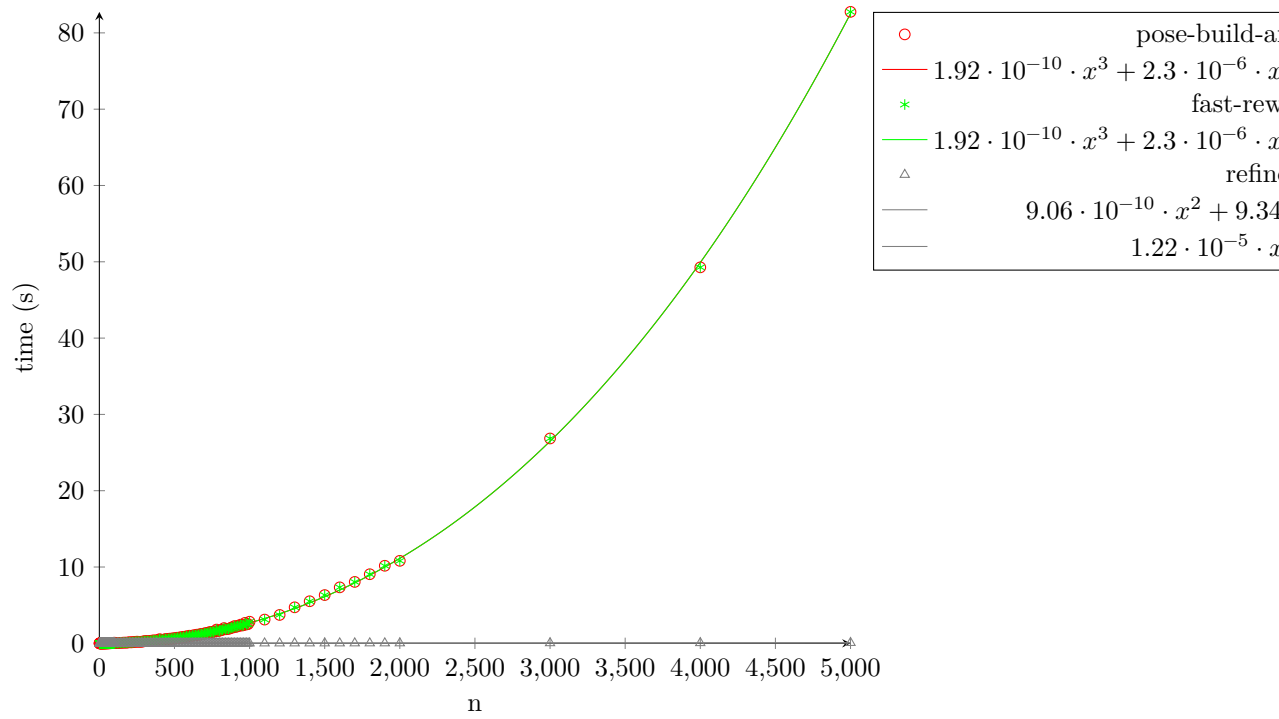Figure 11: timing-rewrite-repeated-app-fast-rewrite

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