Figure 1: timing-pattern

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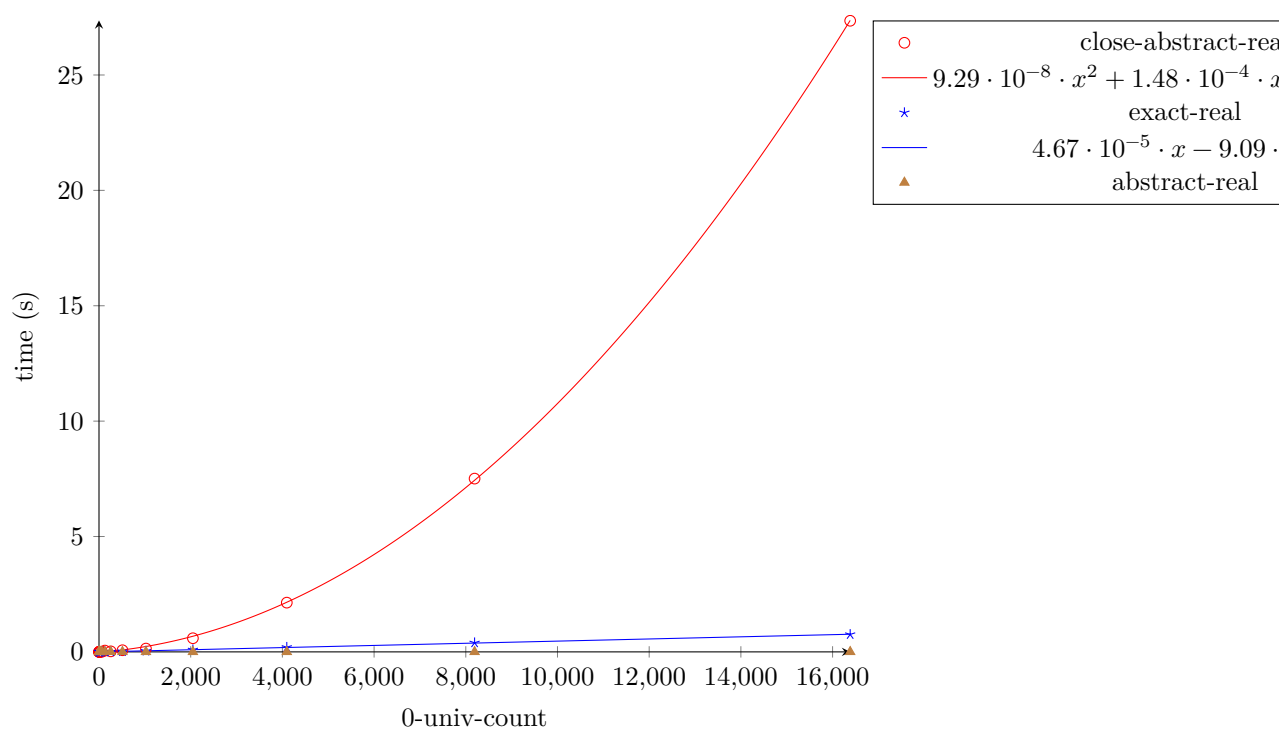
Figure 2: timing-n-polymorphic-universes param-1-n   0
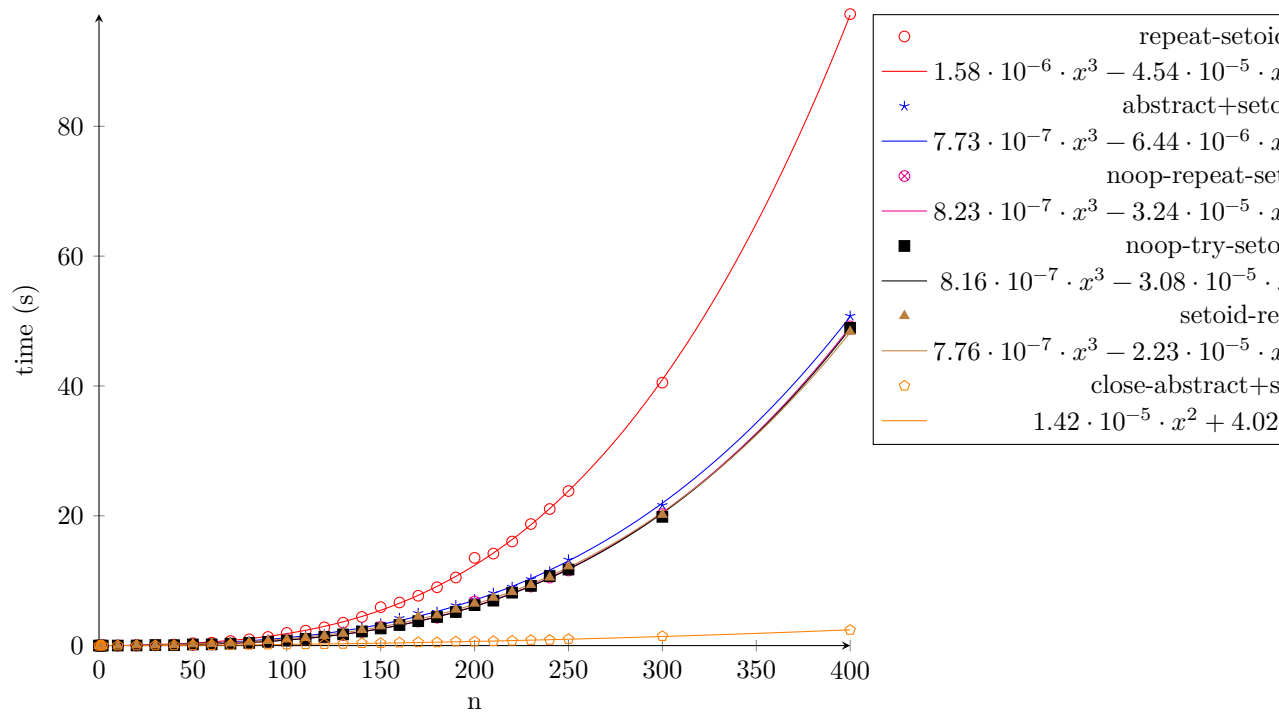
Figure 3: timing-repeat-setoid-rewrite-under-binders

The figure shows a plot with the x-axis labeled "n" (ranging from 0 to 400) and the y-axis labeled "time (s)" (ranging from 0 to about 90). The legend entries include:

- repeat-setoid... : $1.58 \cdot 10^{-6} \cdot x^3 - 4.54 \cdot 10^{-5} \cdot x$
- abstract+set... : $7.73 \cdot 10^{-7} \cdot x^3 - 6.44 \cdot 10^{-6} \cdot x$
- noop-repeat-se... : $8.23 \cdot 10^{-7} \cdot x^3 - 3.24 \cdot 10^{-5} \cdot x$
- noop-try-seto... : $8.16 \cdot 10^{-7} \cdot x^3 - 3.08 \cdot 10^{-5} \cdot x$
- setoid-re... : $7.76 \cdot 10^{-7} \cdot x^3 - 2.23 \cdot 10^{-5} \cdot x$
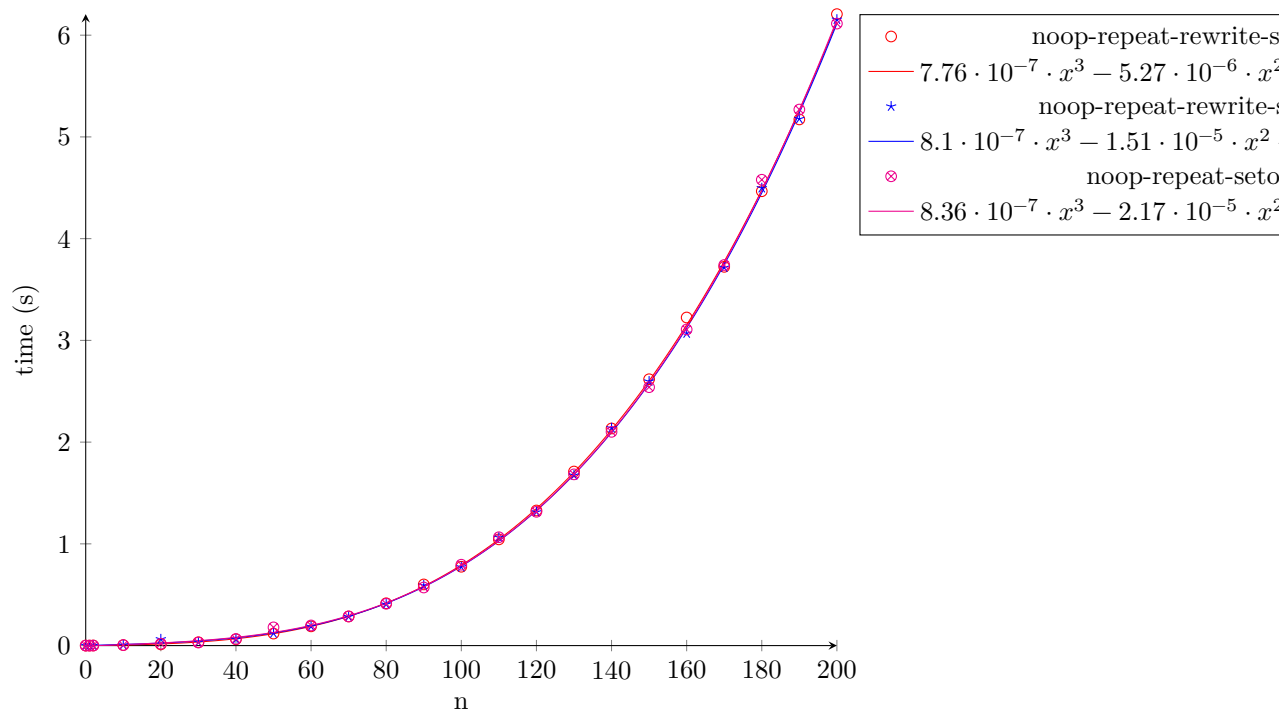- close-abstract+s... : $1.42 \cdot 10^{-5} \cdot x^2 + 4.02$

3

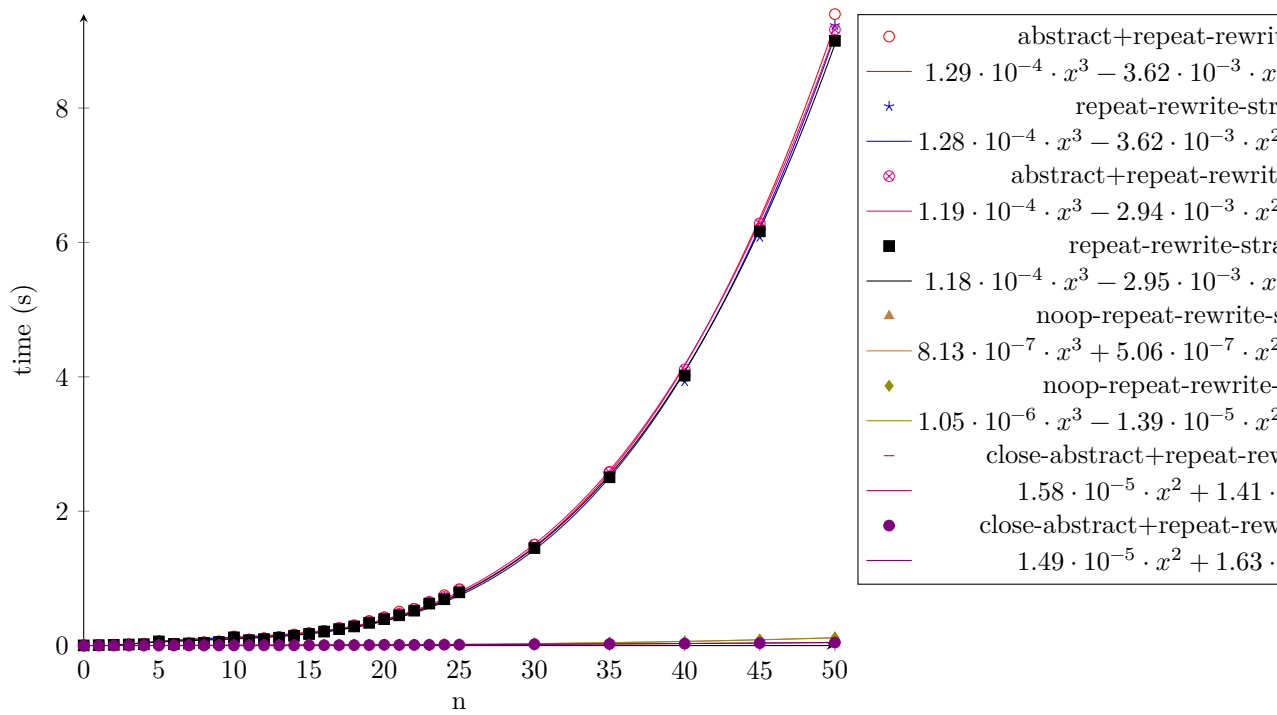Figure 4: timing-repeat-setoid-rewrite-under-binders-noop

4

Figure 5: timing-rewrite-strat-under-binders
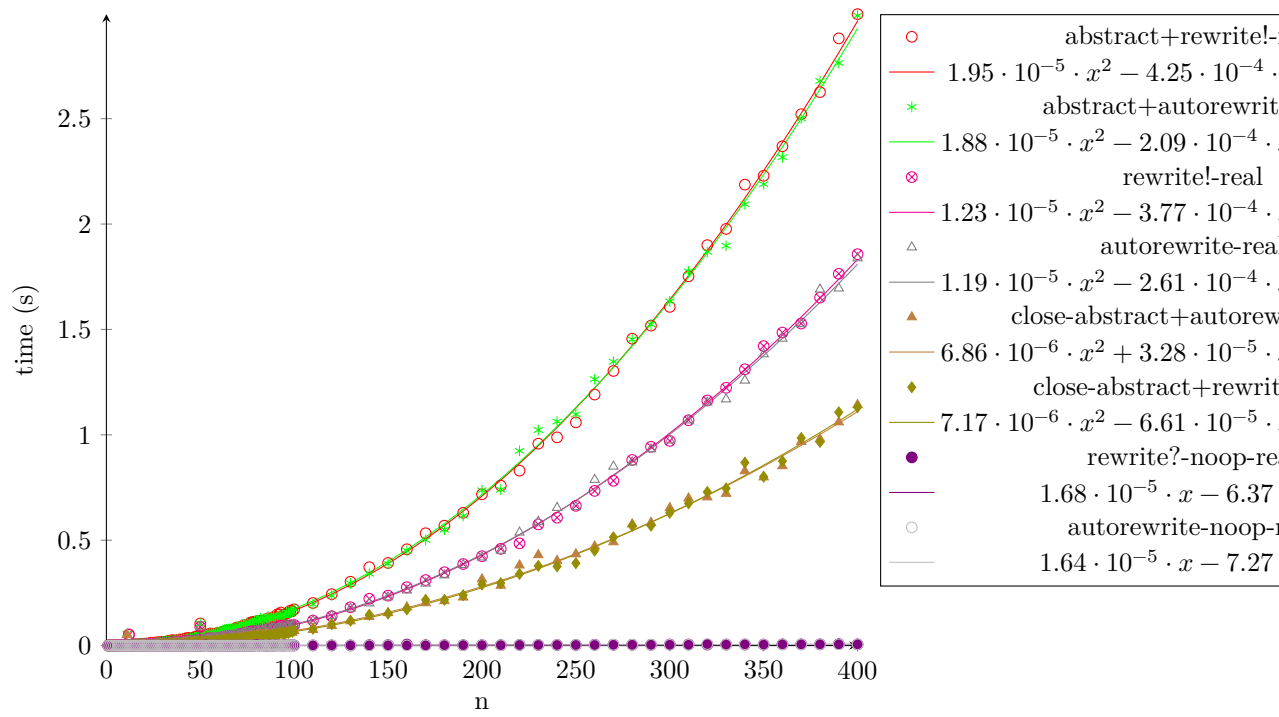
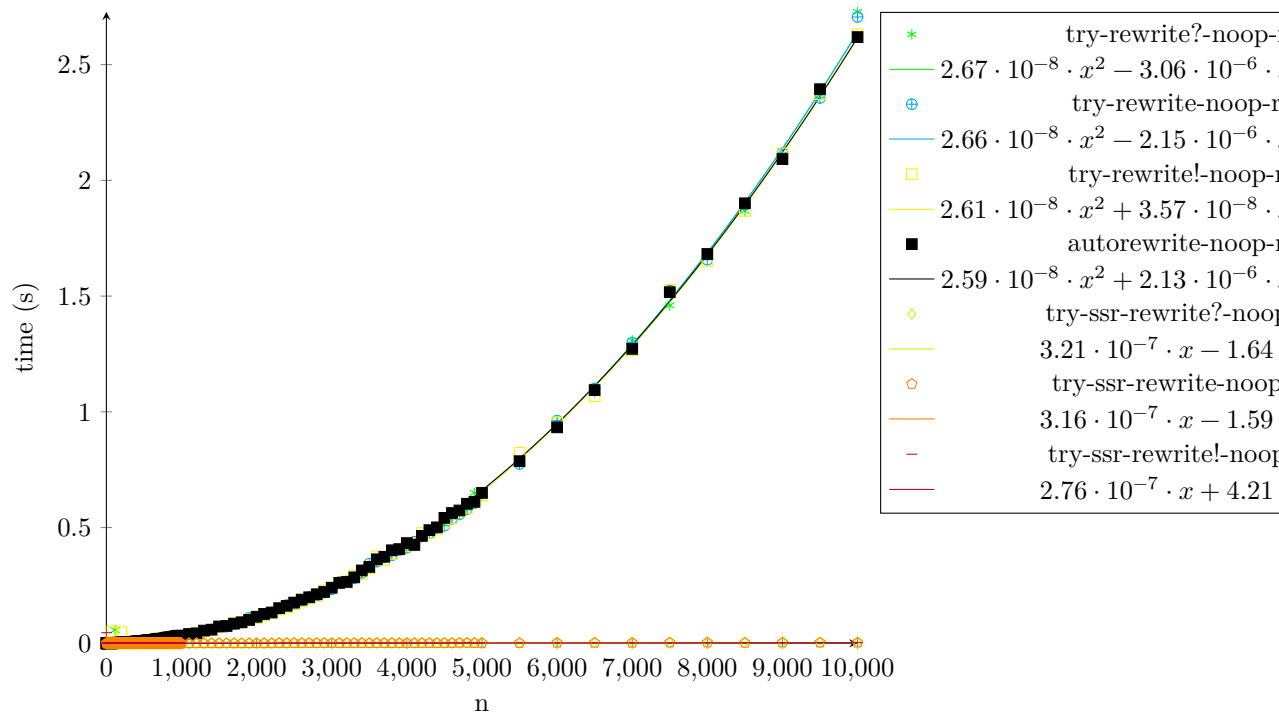Figure 6: timing-rewrite-repeated-app-autorewrite

6

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

The figure legend contains the following entries:

- try-rewrite?-noop-
- $2.67 \cdot 10^{-8} \cdot x^2 - 3.06 \cdot 10^{-6} \cdot$
- try-rewrite-noop-
- $2.66 \cdot 10^{-8} \cdot x^2 - 2.15 \cdot 10^{-6} \cdot$
- try-rewrite!-noop-
- $2.61 \cdot 10^{-8} \cdot x^2 + 3.57 \cdot 10^{-8} \cdot$
- autorewrite-noop-
- $2.59 \cdot 10^{-8} \cdot x^2 + 2.13 \cdot 10^{-6} \cdot$
- try-ssr-rewrite?-noop
- $3.21 \cdot 10^{-7} \cdot x - 1.64$
- try-ssr-rewrite-noop
- $3.16 \cdot 10^{-7} \cdot x - 1.59$
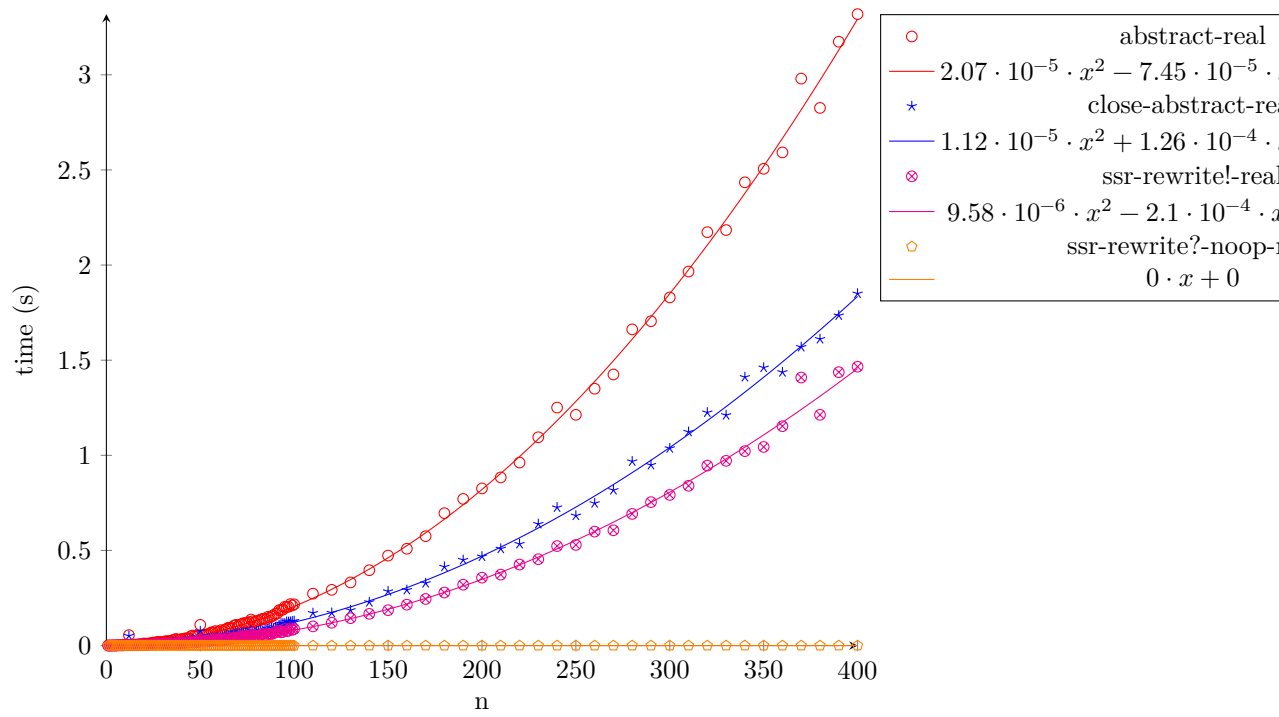- try-ssr-rewrite!-noop
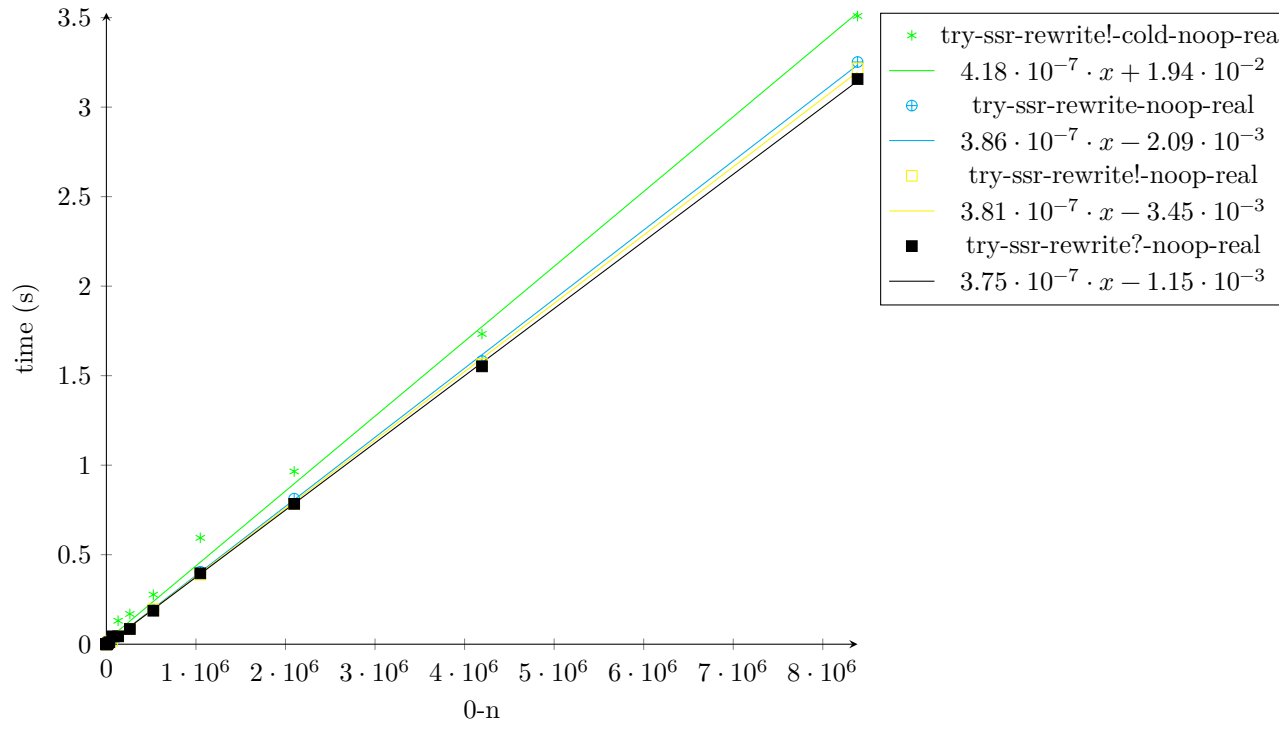- $2.76 \cdot 10^{-7} \cdot x + 4.21$

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
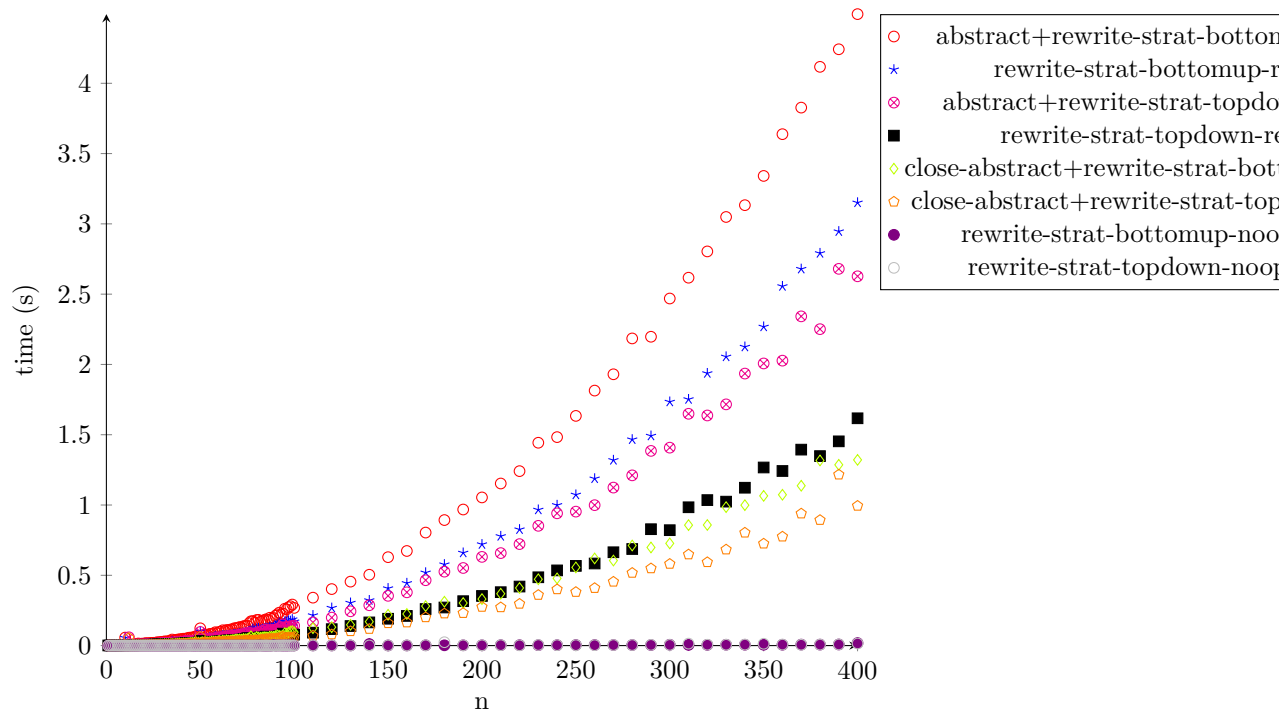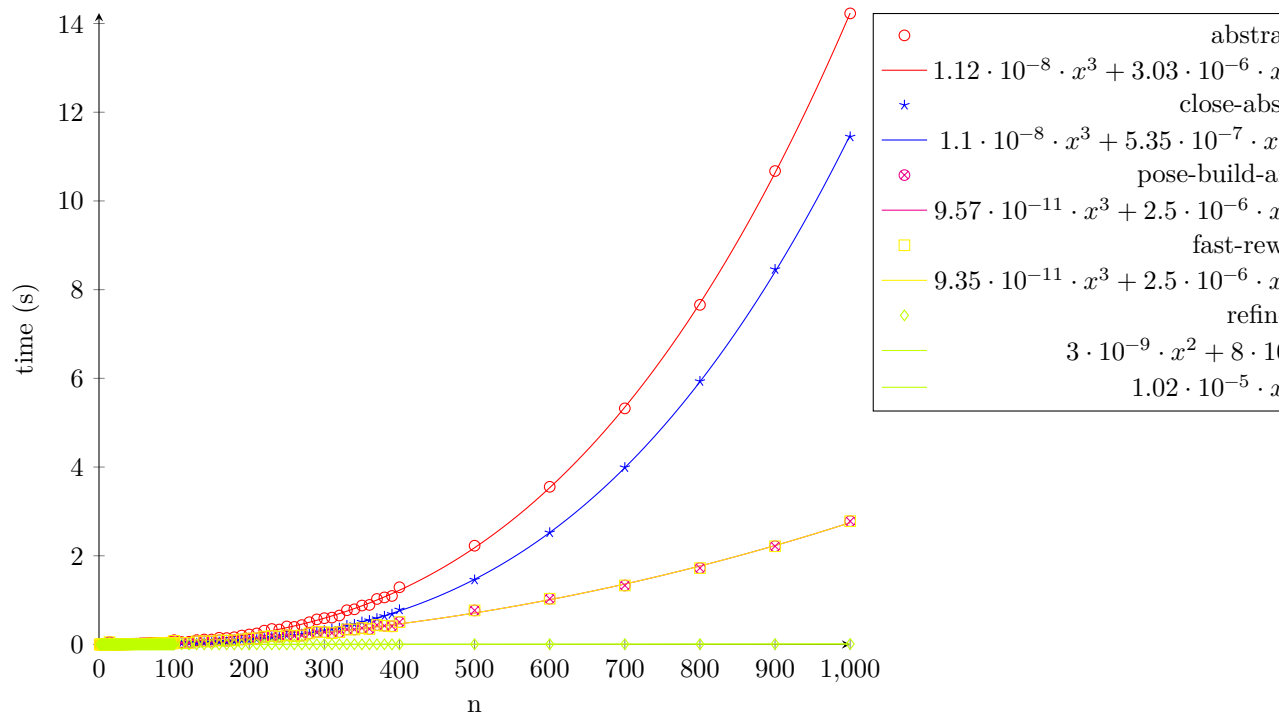
The chart legend contains:
- abstract+rewrite-strat-bottom...
- rewrite-strat-bottomup-r...
- abstract+rewrite-strat-topdo...
- rewrite-strat-topdown-re...
- close-abstract+rewrite-strat-bott...
- close-abstract+rewrite-strat-top...
- rewrite-strat-bottomup-noo...
- rewrite-strat-topdown-noo...

The y-axis is labeled "time (s)" with values 0, 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4.
The x-axis is labeled "n" with values 0, 50, 100, 150, 200, 250, 300, 350, 400.
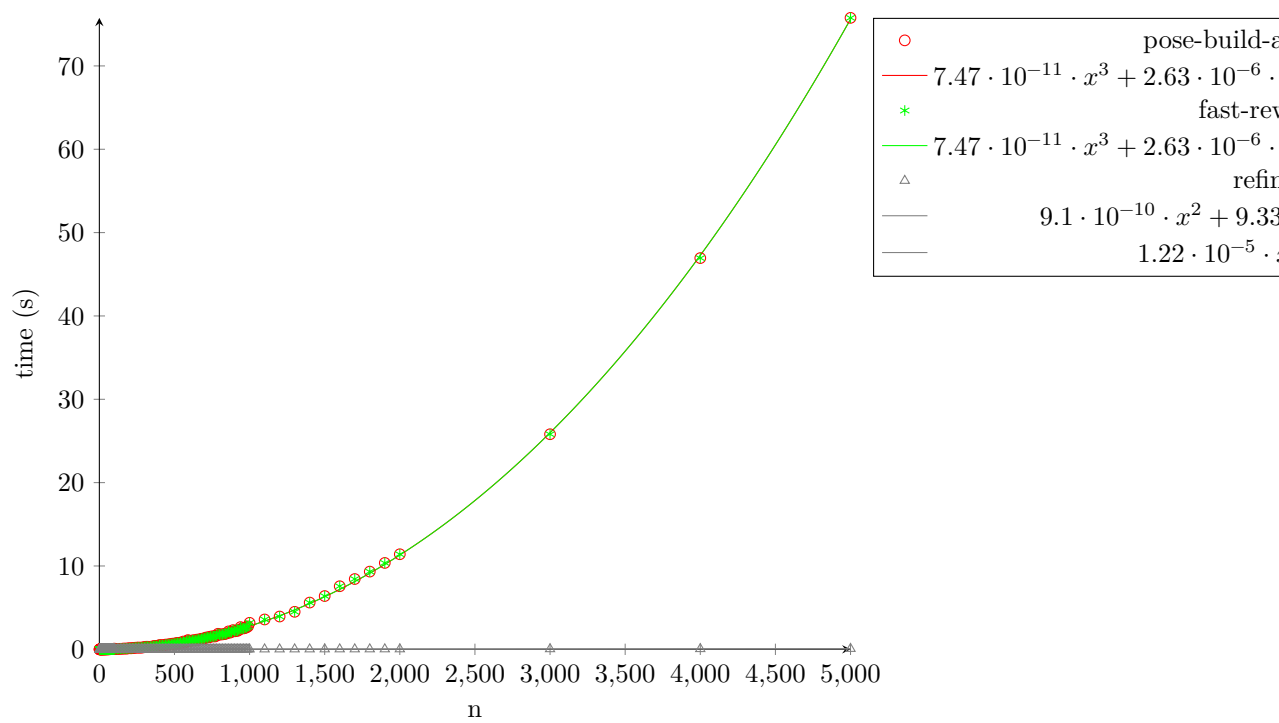
Figure 11: timing-rewrite-repeated-app-fast-rewrite

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