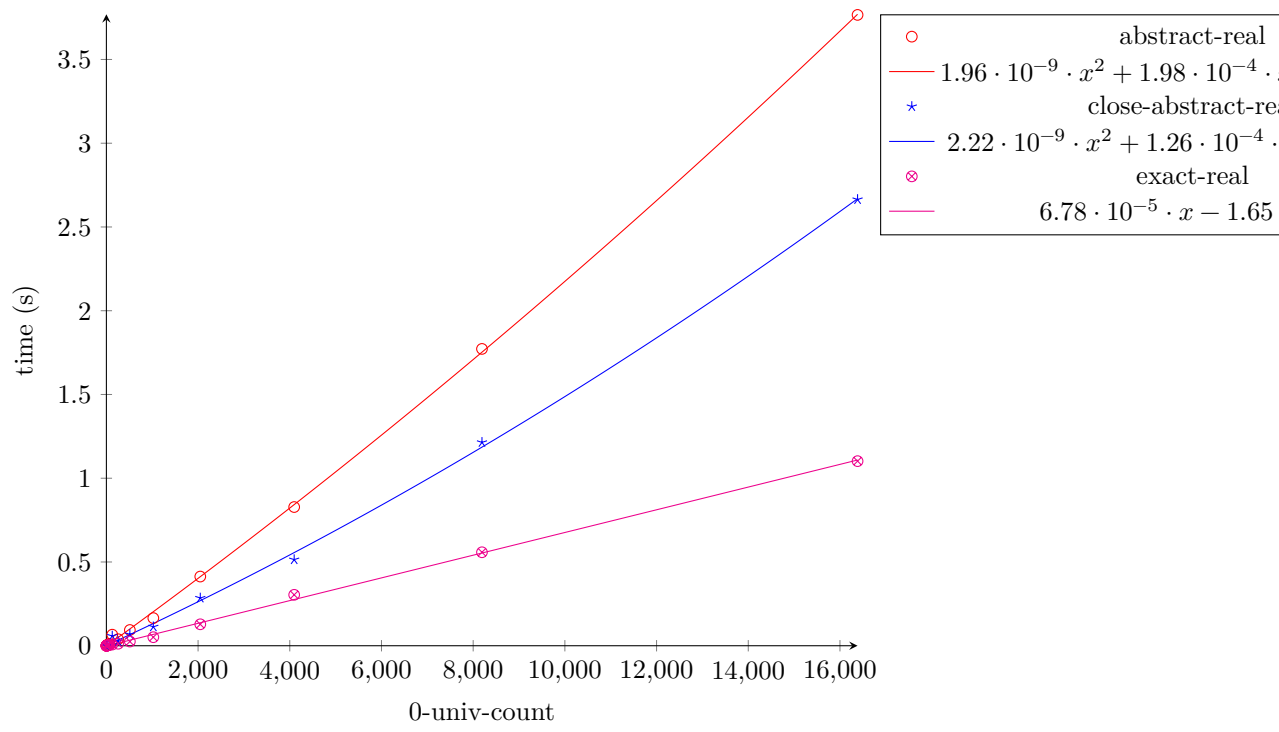Figure 1: timing-pattern

Figure 2: timing-n-polymorphic-universes param-1-n 0
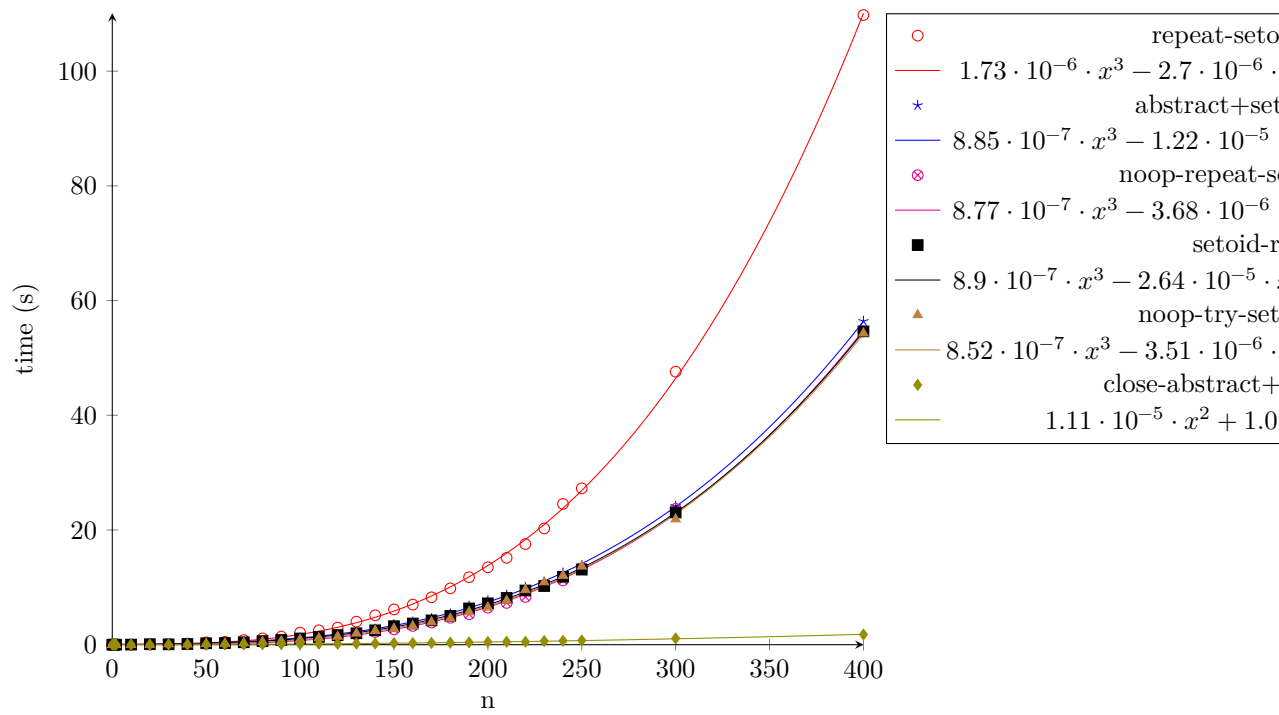
Figure 3: timing-repeat-setoid-rewrite-under-binders
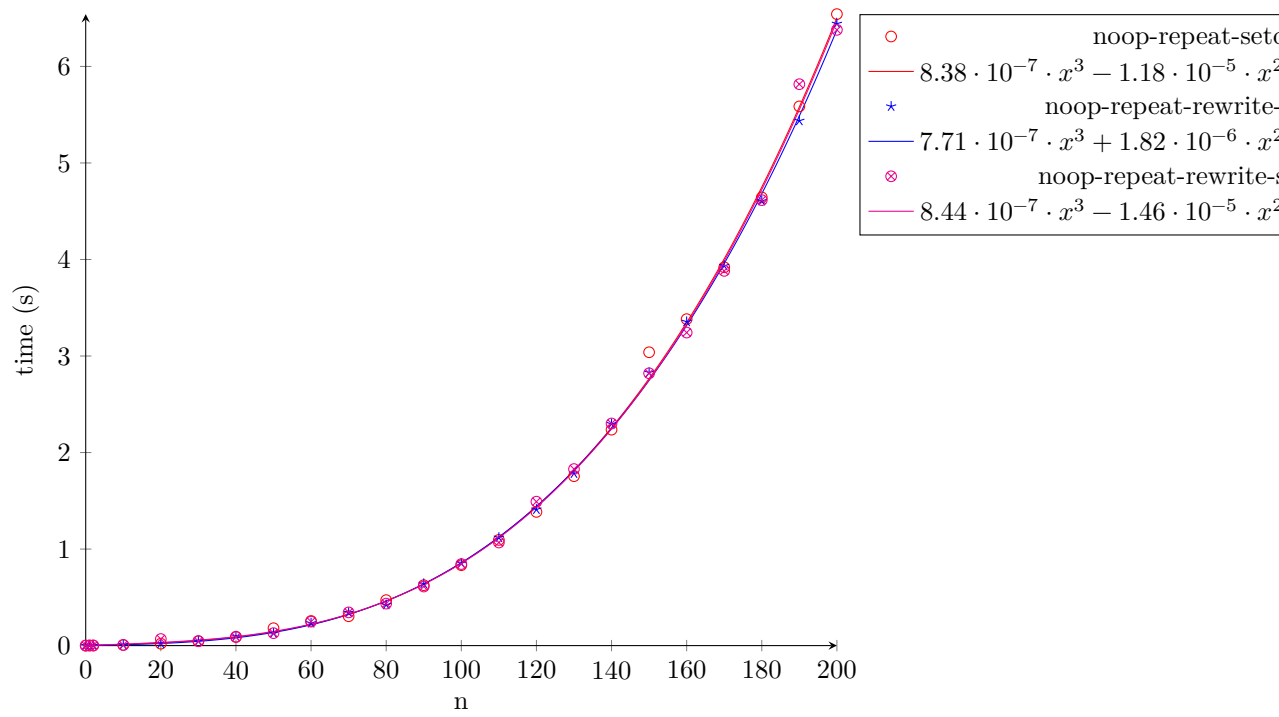
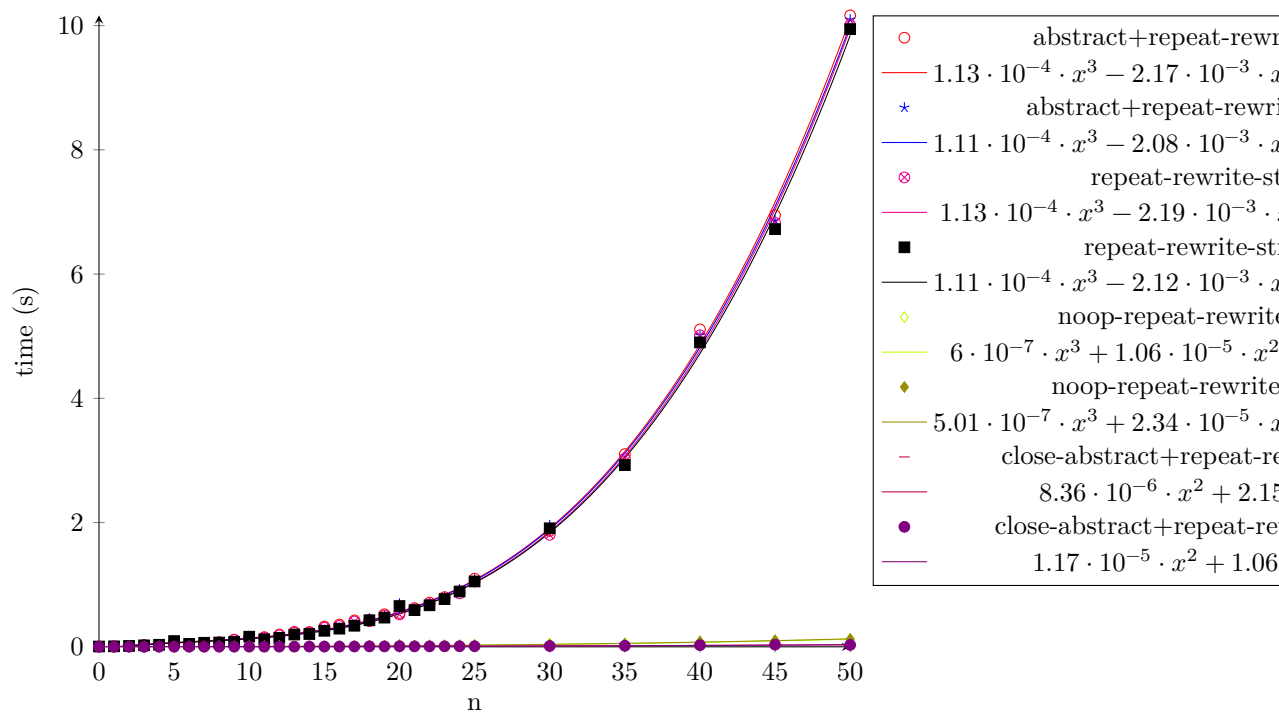Figure 4: timing-repeat-setoid-rewrite-under-binders-noop
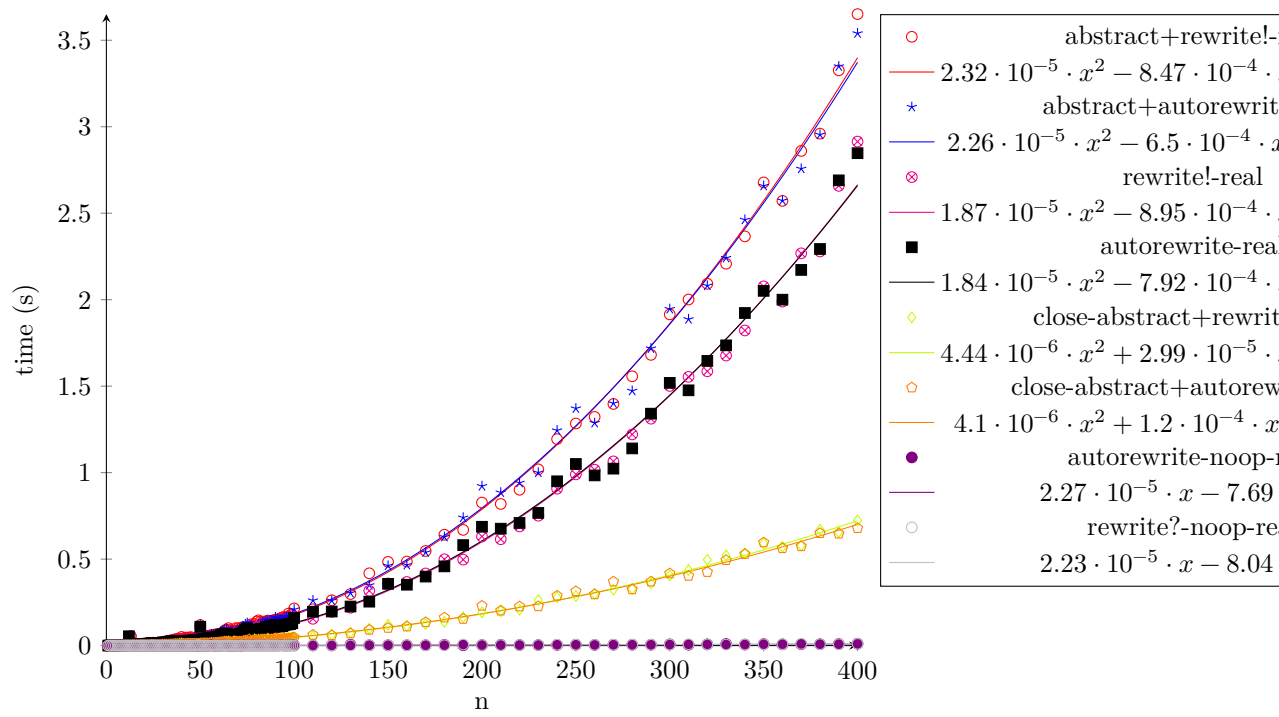
4

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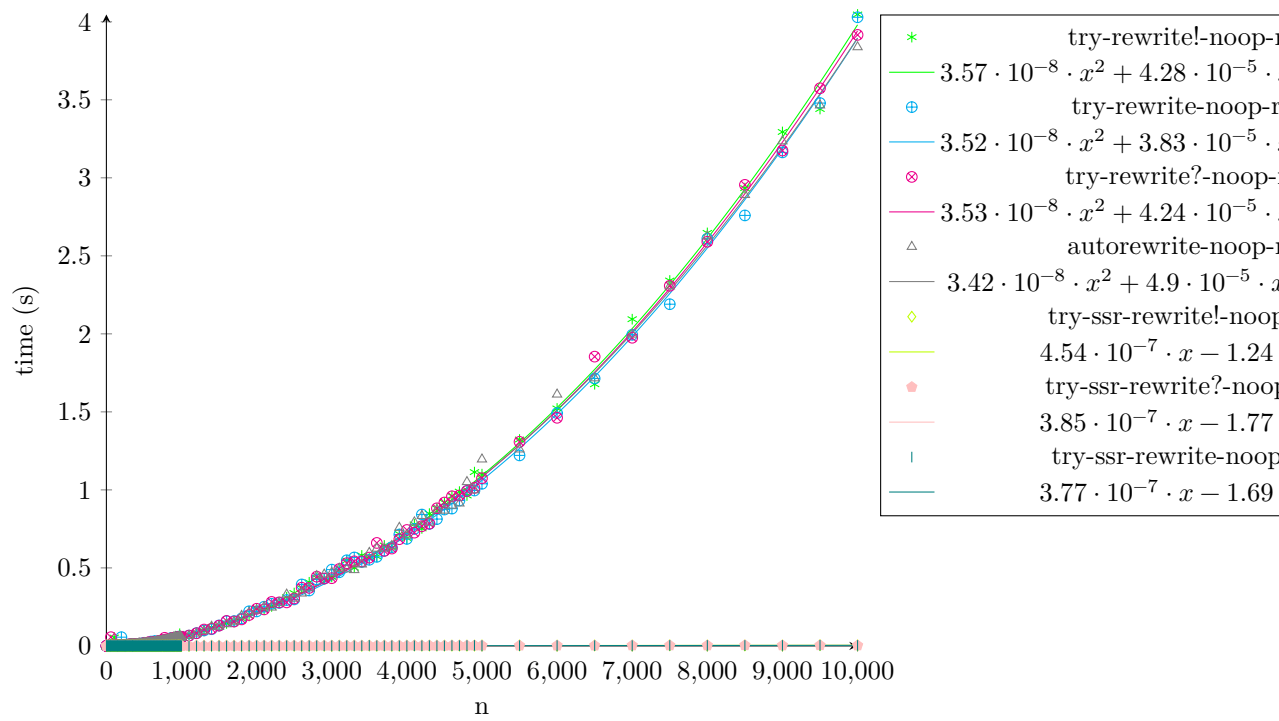
Figure 6: timing-rewrite-repeated-app-autorewrite

6

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

try-rewrite!-noop-r

$3.57 \cdot 10^{-8} \cdot x^2 + 4.28 \cdot 10^{-5} \cdot$

try-rewrite-noop-r

$3.52 \cdot 10^{-8} \cdot x^2 + 3.83 \cdot 10^{-5} \cdot$

try-rewrite?-noop-

$3.53 \cdot 10^{-8} \cdot x^2 + 4.24 \cdot 10^{-5} \cdot$

autorewrite-noop-

$3.42 \cdot 10^{-8} \cdot x^2 + 4.9 \cdot 10^{-5} \cdot x$

try-ssr-rewrite!-noop

$4.54 \cdot 10^{-7} \cdot x - 1.24$

try-ssr-rewrite?-noop

$3.85 \cdot 10^{-7} \cdot x - 1.77$

try-ssr-rewrite-noop
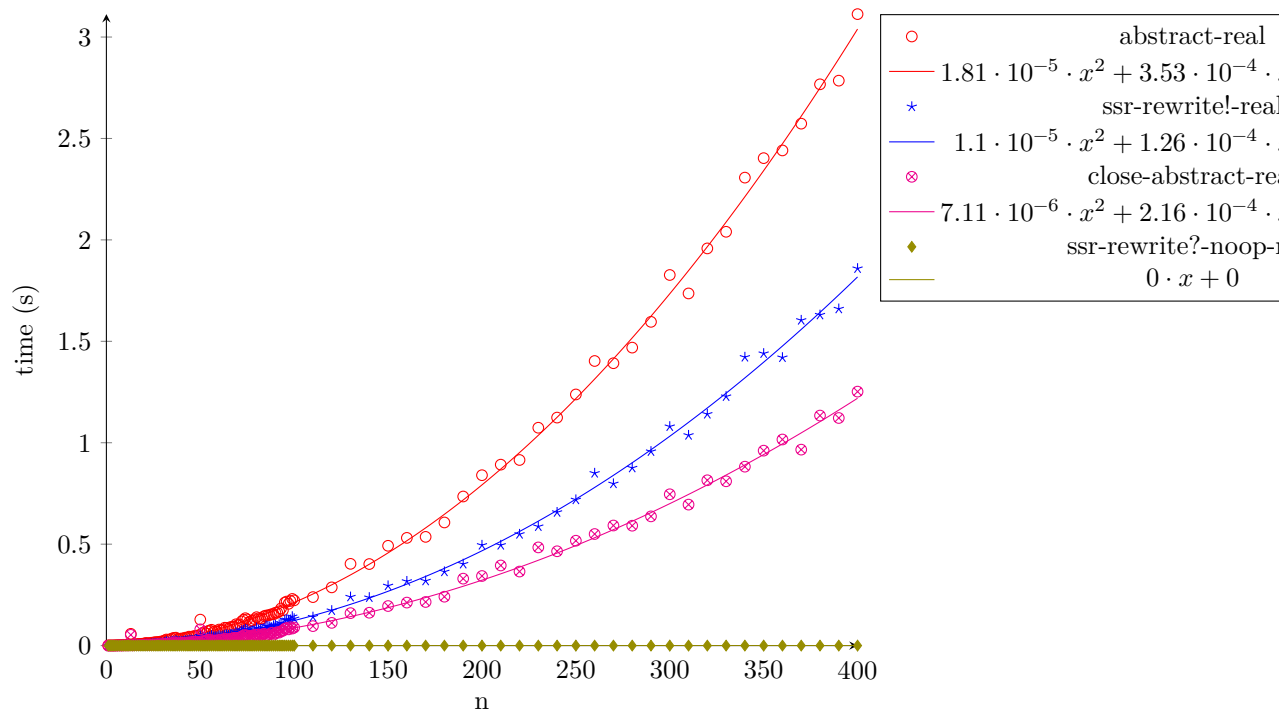
$3.77 \cdot 10^{-7} \cdot x - 1.69$

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

8
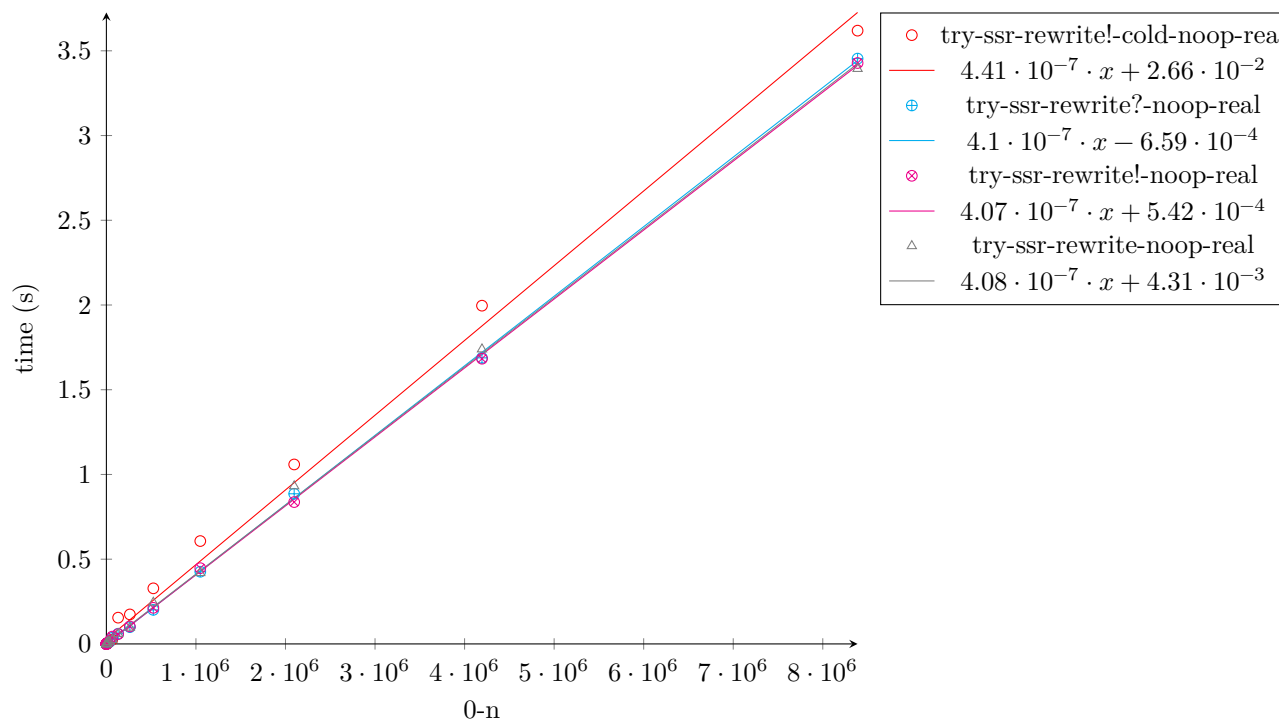
Figure 9: timing-rewrite-repeated-app-ssrrewrite-noop param-1-lgn   1

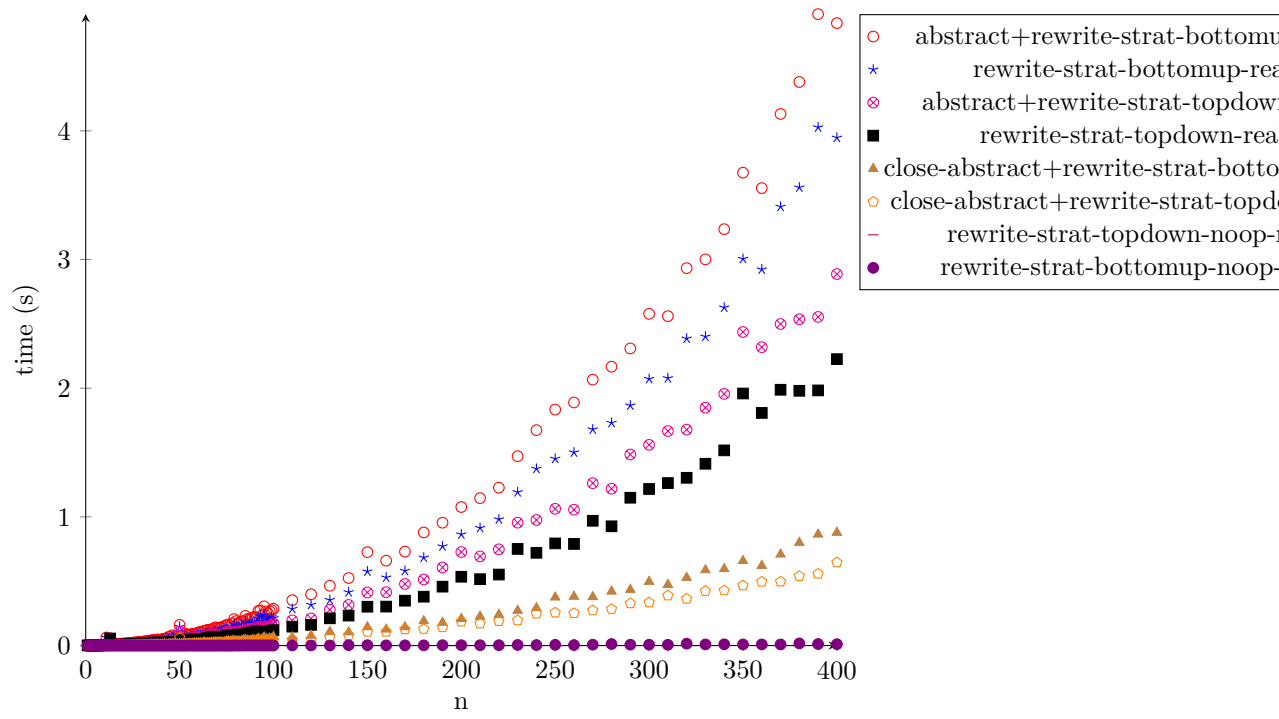Figure 10: timing-rewrite-repeated-app-rewrite-strat

The plot legend reads:
- 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-topdown-noop-…
- rewrite-strat-bottomup-noop-…

Axes: time (s) on vertical axis (0 to 4), n on horizontal axis (0 to 400).
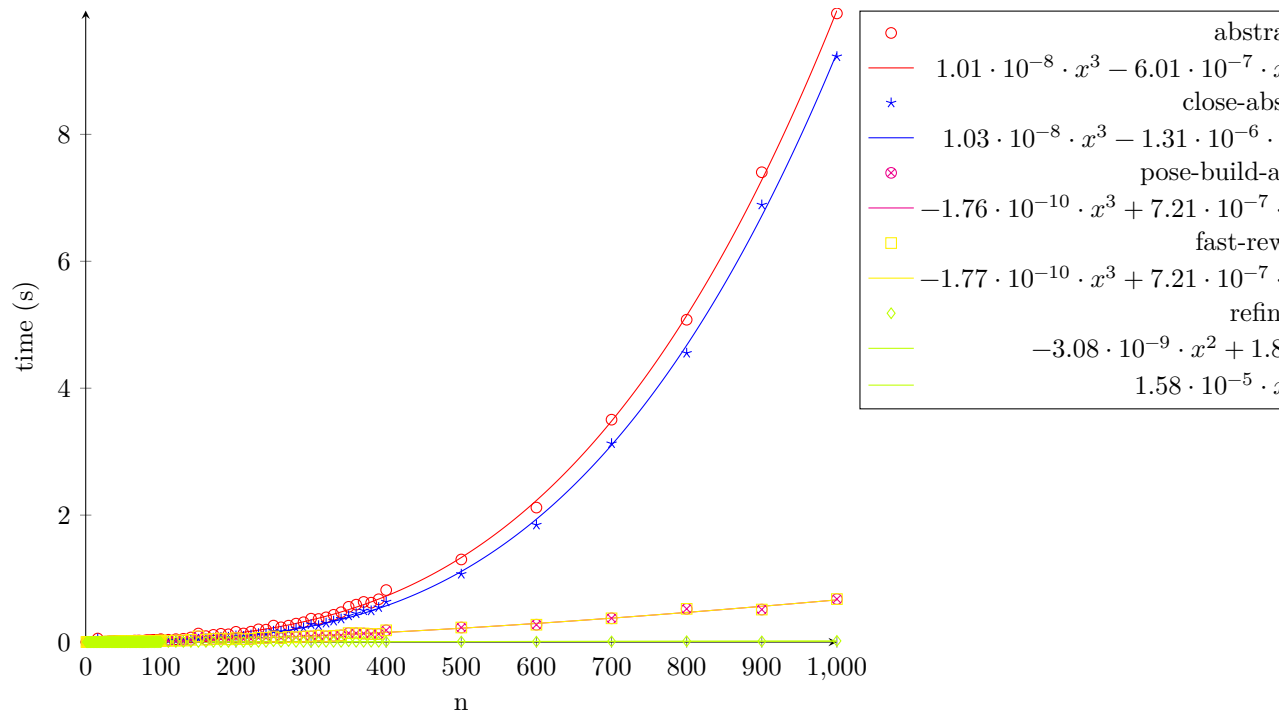
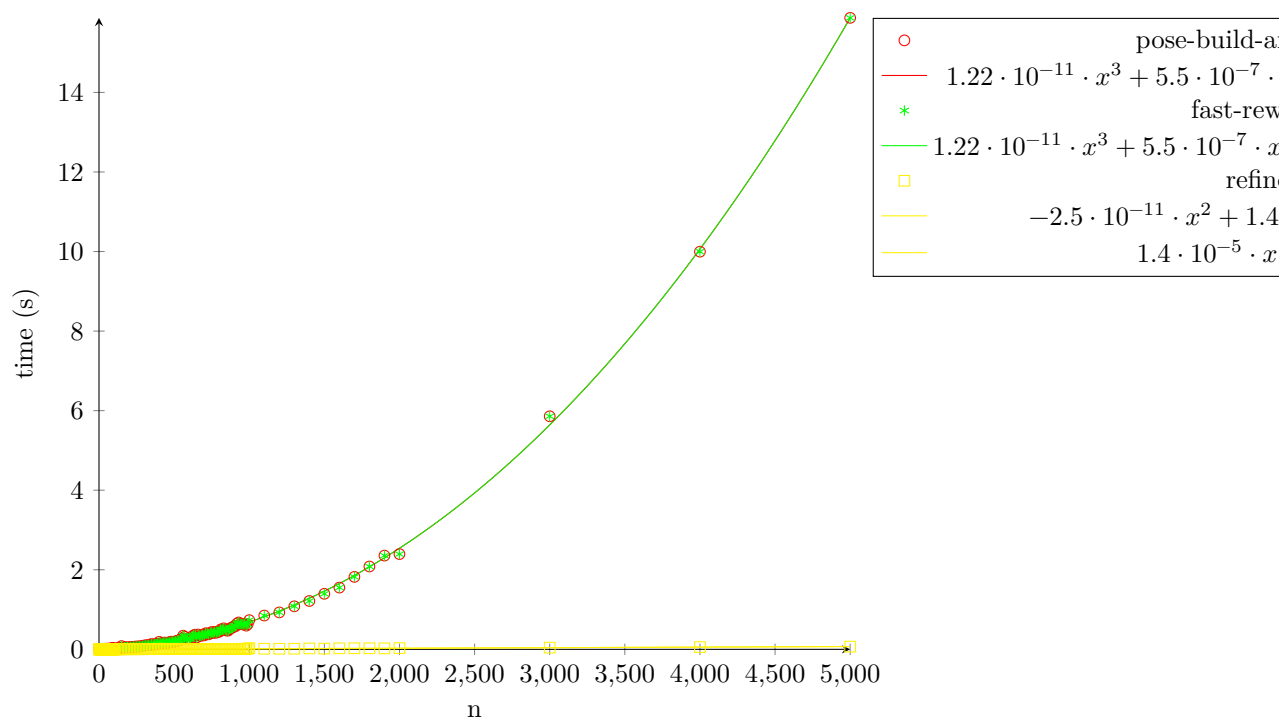Figure 11: timing-rewrite-repeated-app-fast-rewrite

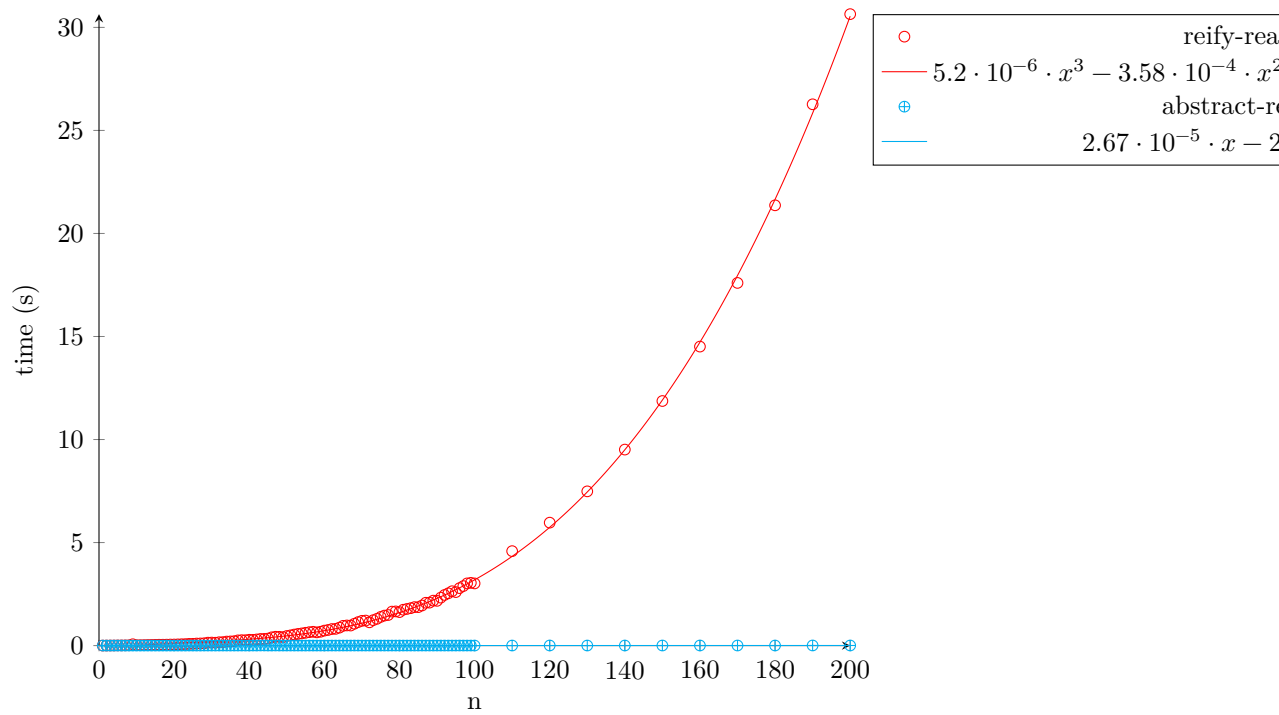Figure 12: timing-rewrite-repeated-app-fast-rewrite-no-abstract

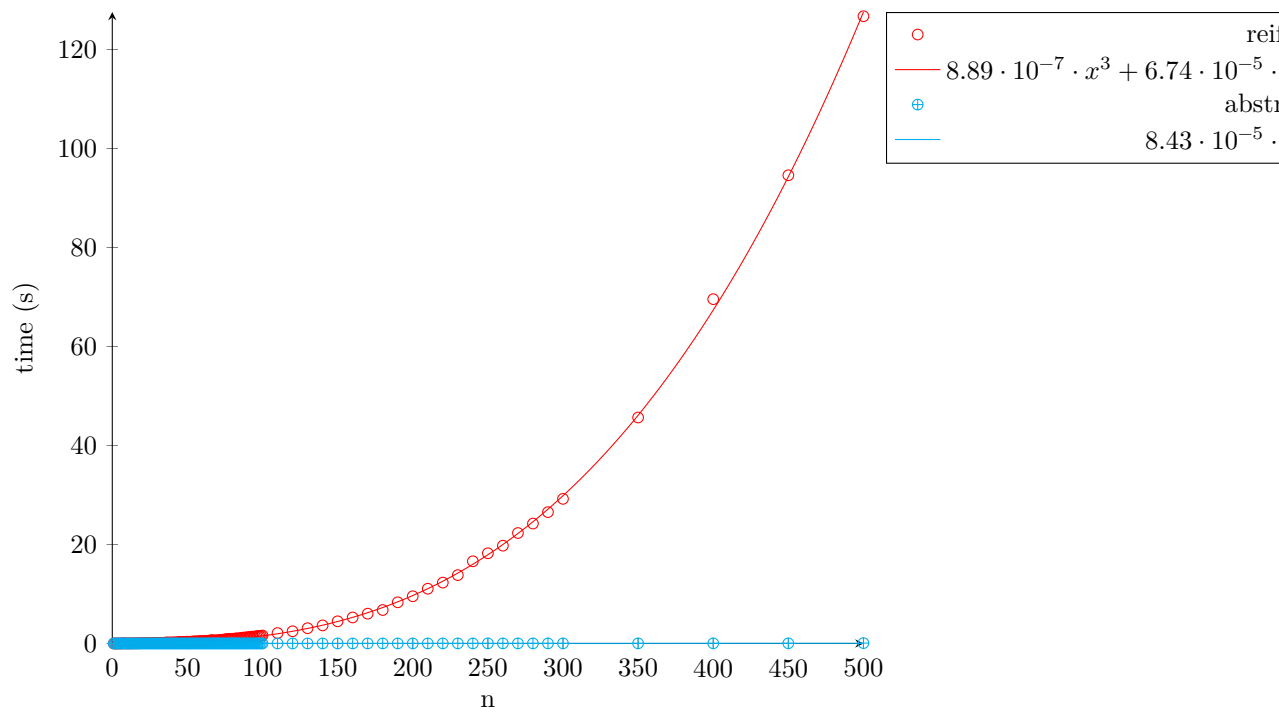Figure 13: timing-typeclass-reification-let-in-HOAS
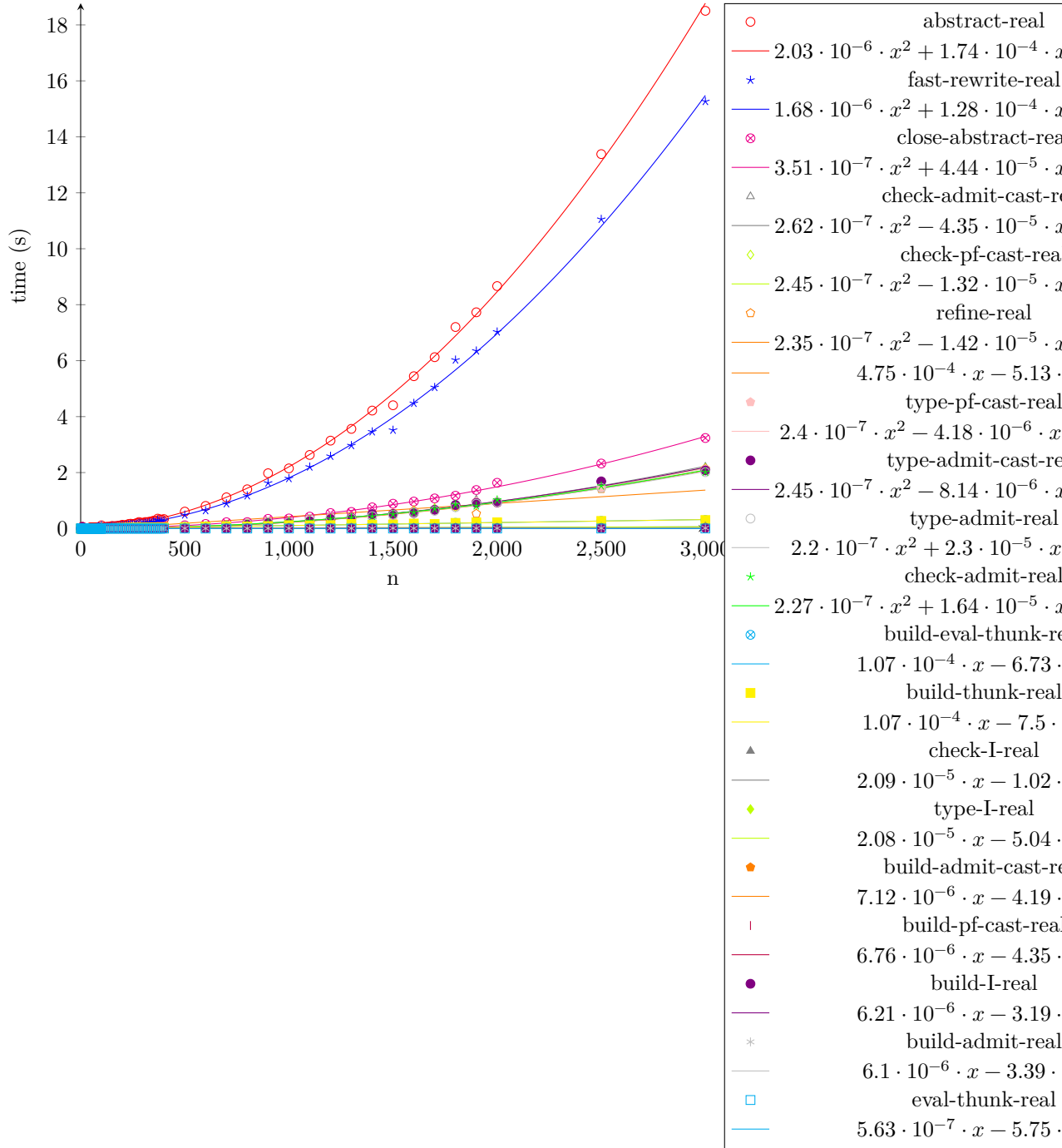
Figure 14: timing-typeclass-reification-let-in-PHOAS

Figure 15: timing-rewrite-repeated-app-fast-rewrite-ltac2

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