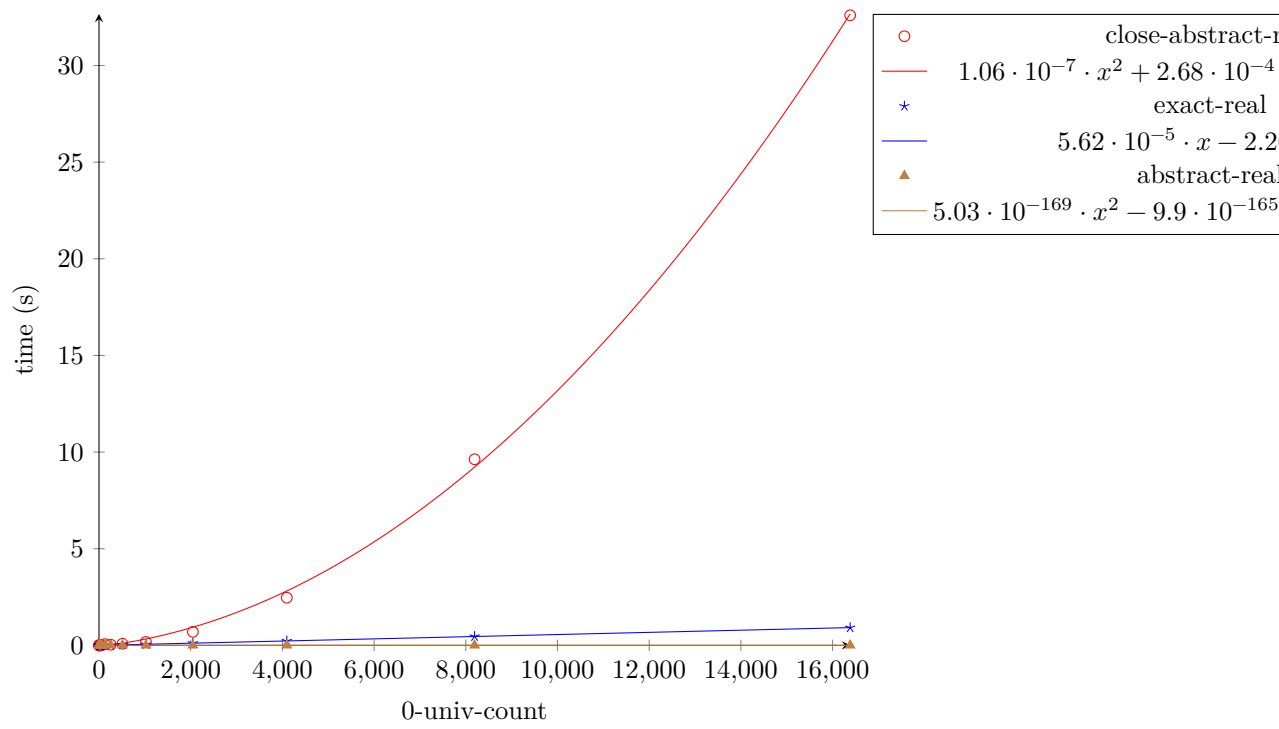Figure 1: timing-pattern

1

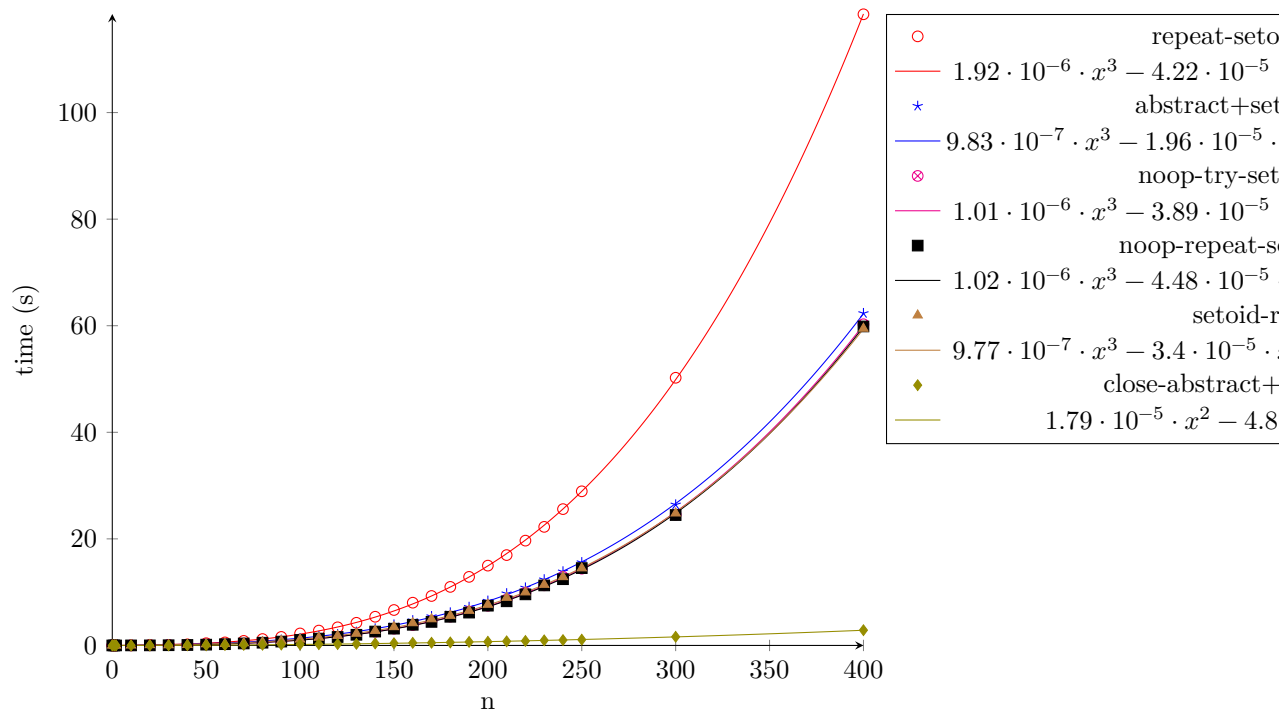Figure 2: timing-n-polymorphic-universes param-1-n 0

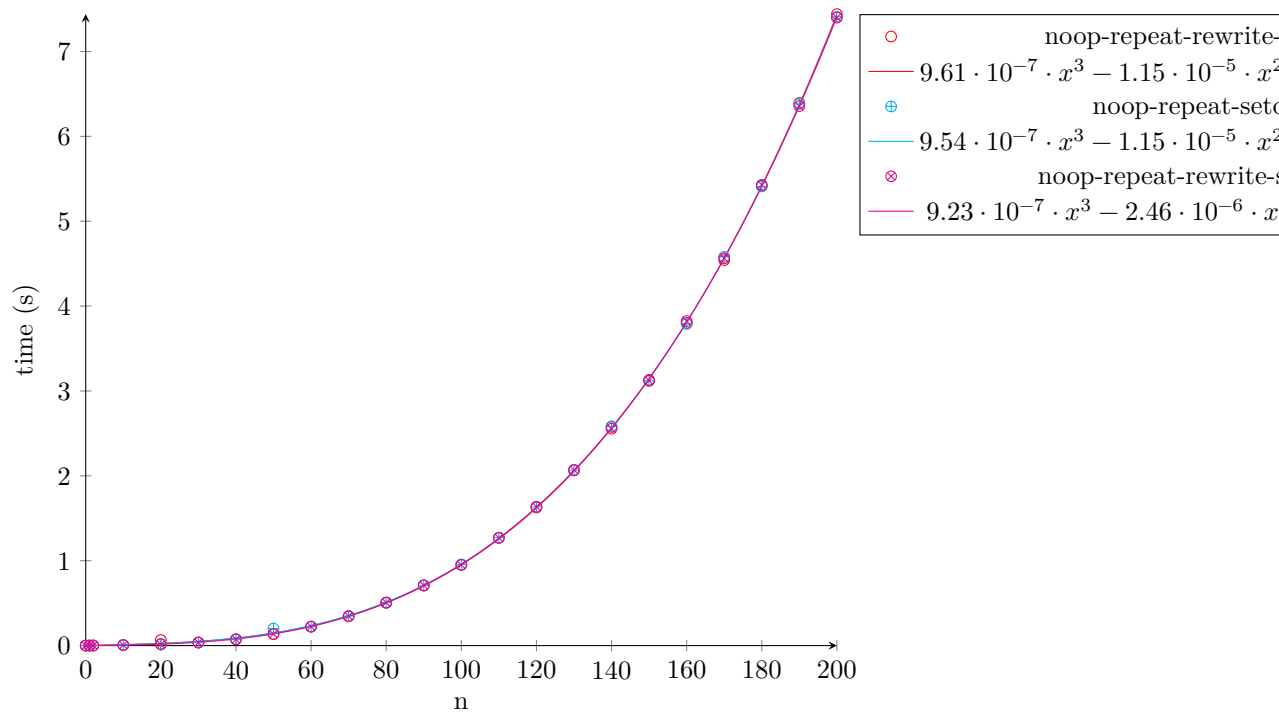Figure 3: timing-repeat-setoid-rewrite-under-binders

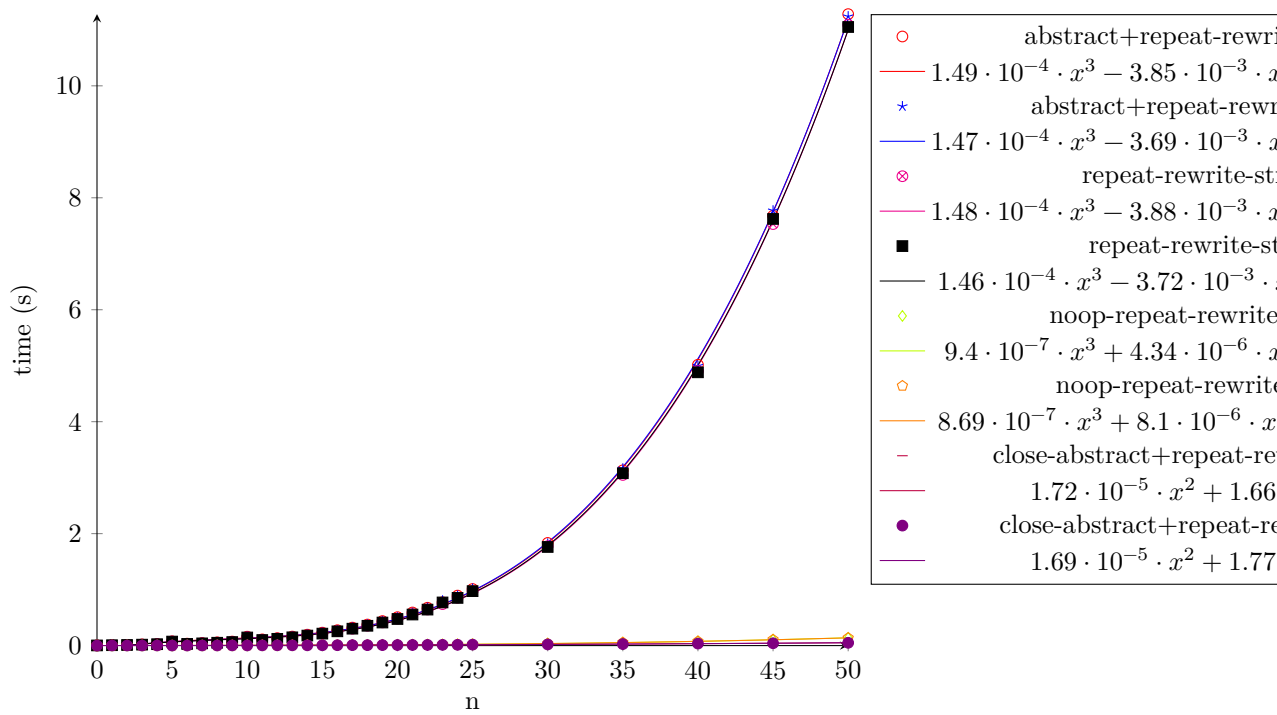Figure 4: timing-repeat-setoid-rewrite-under-binders-noop

4

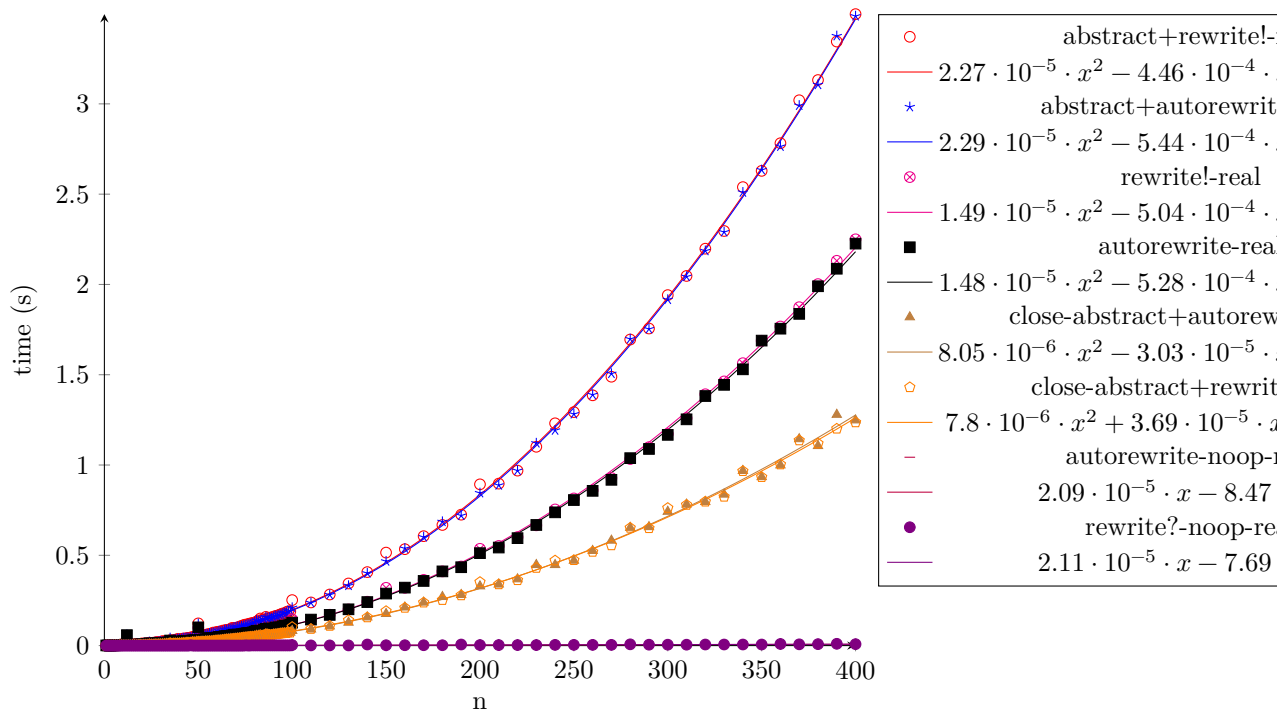Figure 5: timing-rewrite-strat-under-binders
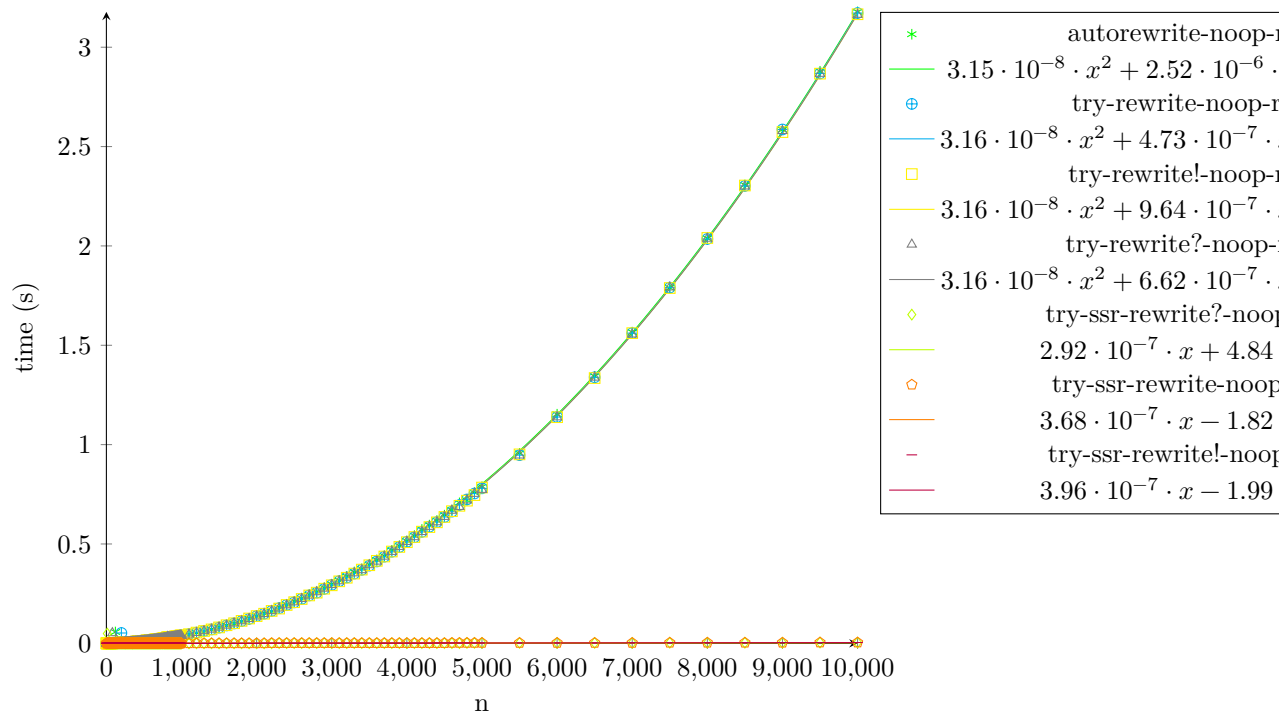
Figure 6: timing-rewrite-repeated-app-autorewrite

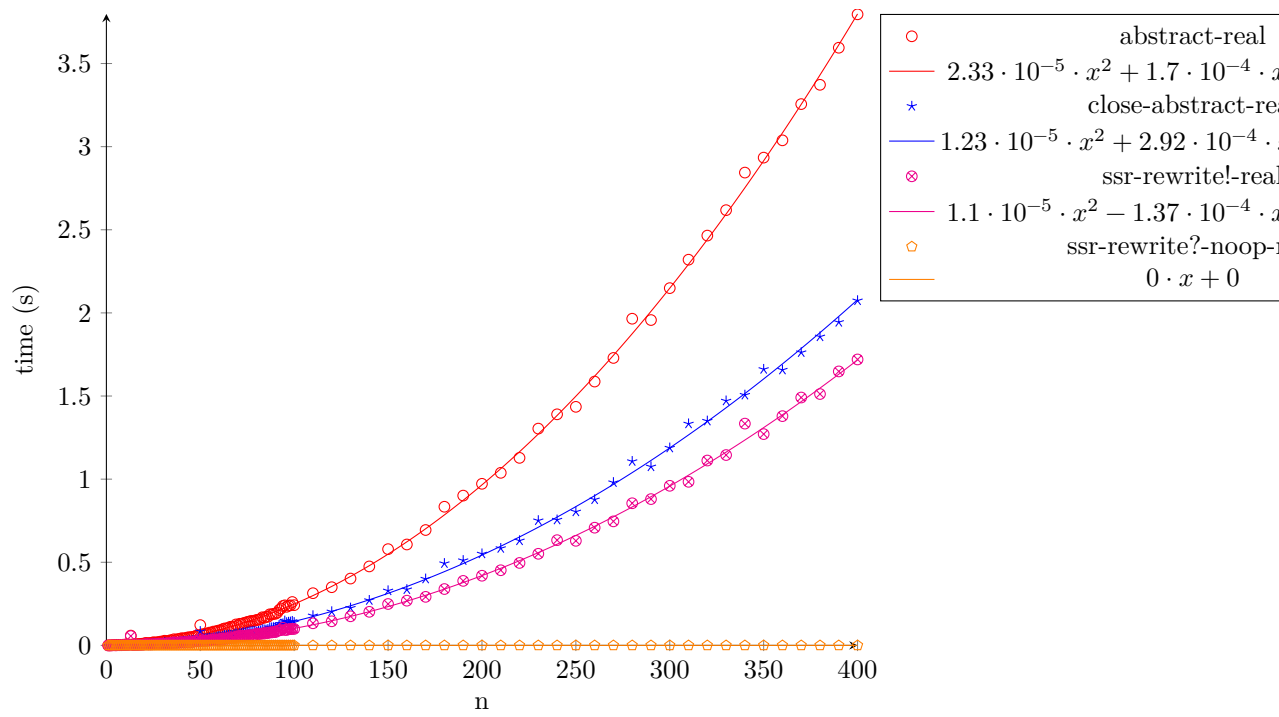Figure 7: timing-rewrite-repeated-app-autorewrite-noop

The legend of the figure contains:

autorewrite-noop-r...
$3.15 \cdot 10^{-8} \cdot x^2 + 2.52 \cdot 10^{-6} \cdot$ ...

try-rewrite-noop-r...
$3.16 \cdot 10^{-8} \cdot x^2 + 4.73 \cdot 10^{-7} \cdot$ ...

try-rewrite!-noop-r...
$3.16 \cdot 10^{-8} \cdot x^2 + 9.64 \cdot 10^{-7} \cdot$ ...

try-rewrite?-noop-...
$3.16 \cdot 10^{-8} \cdot x^2 + 6.62 \cdot 10^{-7} \cdot$ ...

try-ssr-rewrite?-noop...
$2.92 \cdot 10^{-7} \cdot x + 4.84$ ...

try-ssr-rewrite-noop...
$3.68 \cdot 10^{-7} \cdot x - 1.82$ ...

try-ssr-rewrite!-noop...
$3.96 \cdot 10^{-7} \cdot x - 1.99$ ...

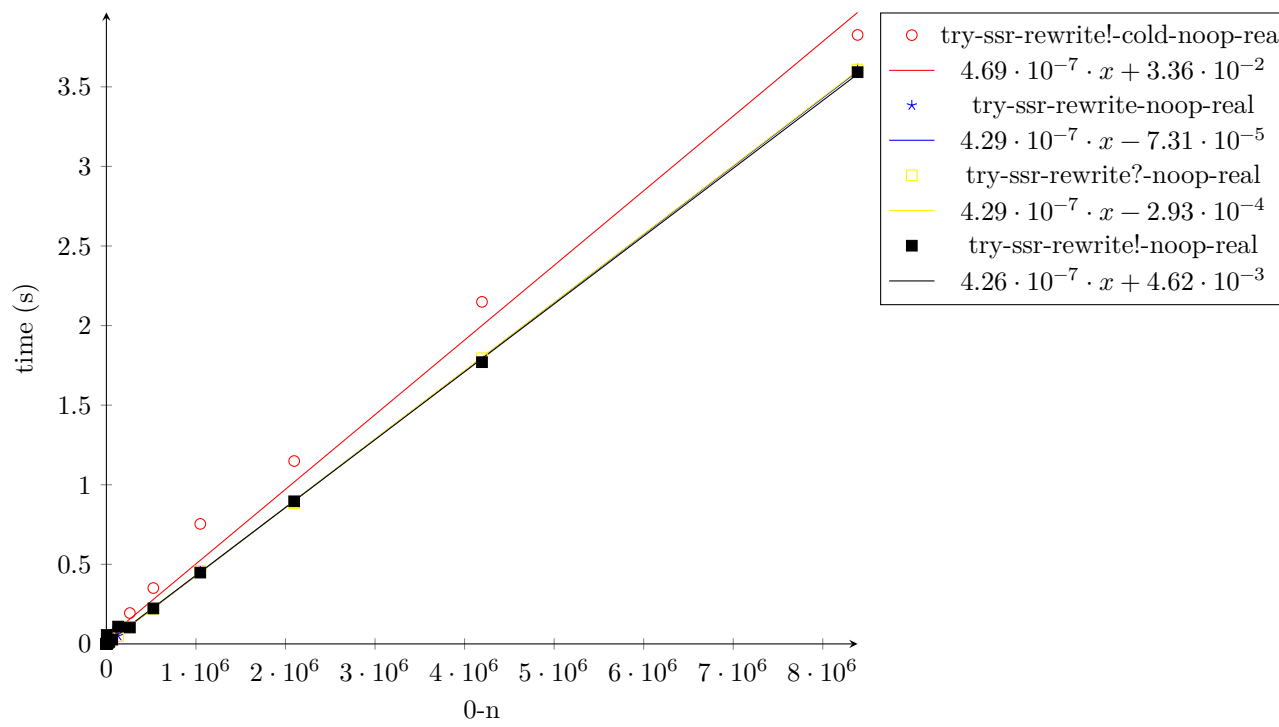Figure 8: timing-rewrite-repeated-app-ssrrewrite

8

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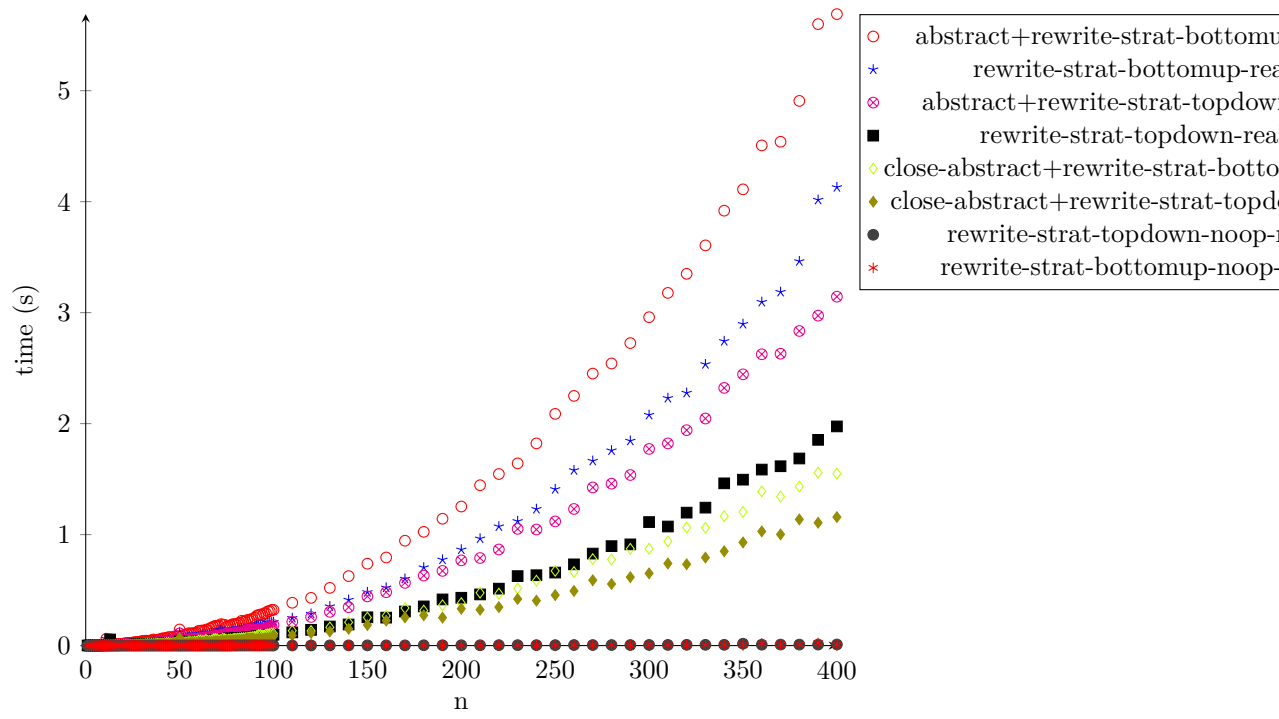
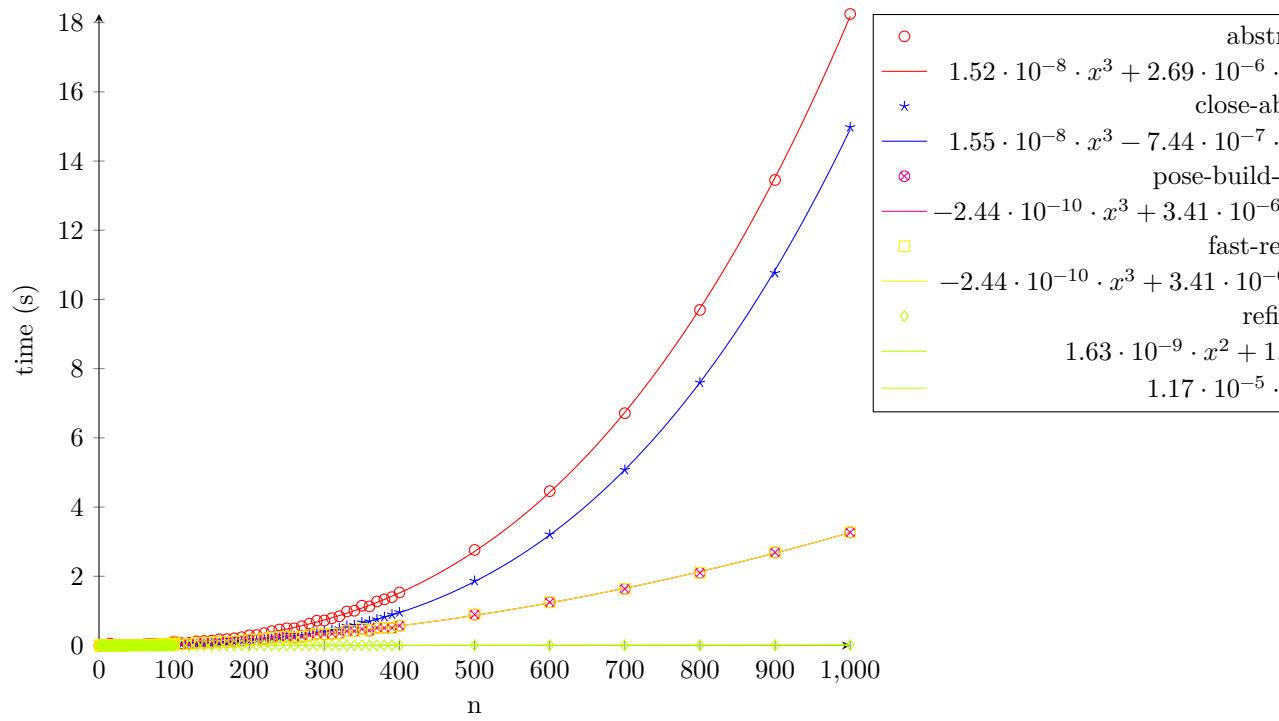Figure 10: timing-rewrite-repeated-app-rewrite-strat

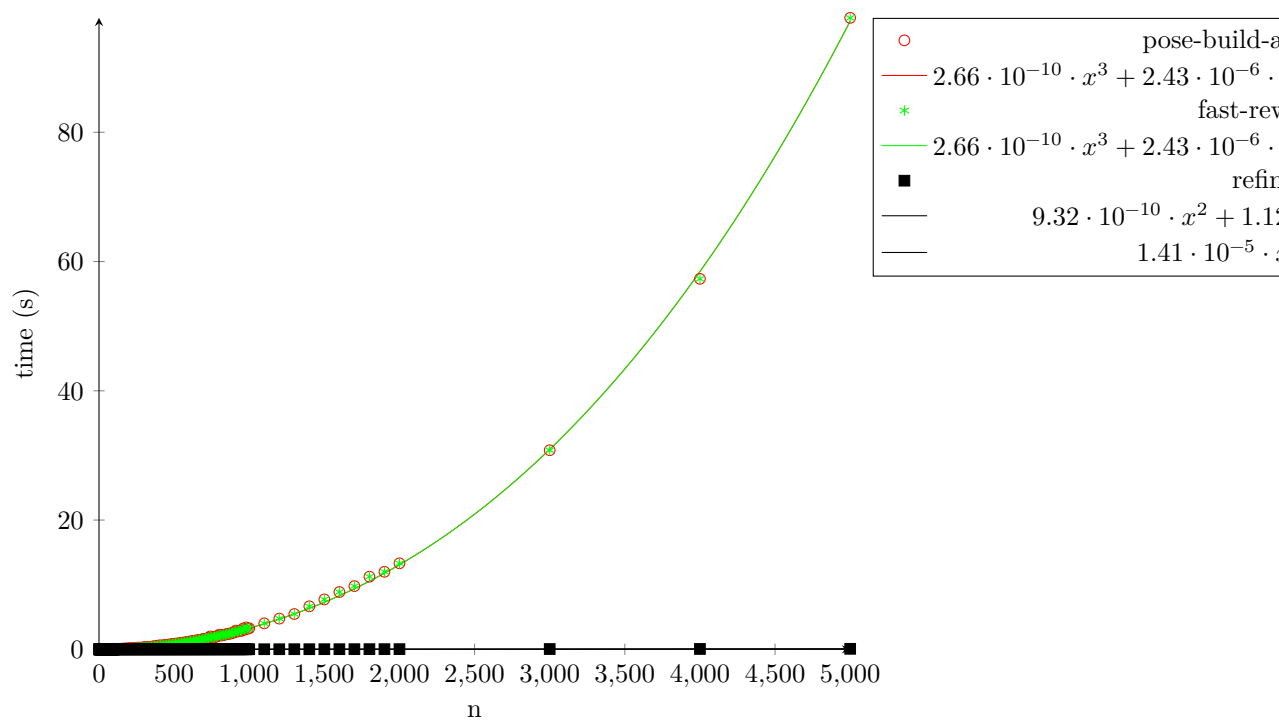Figure 11: timing-rewrite-repeated-app-fast-rewrite

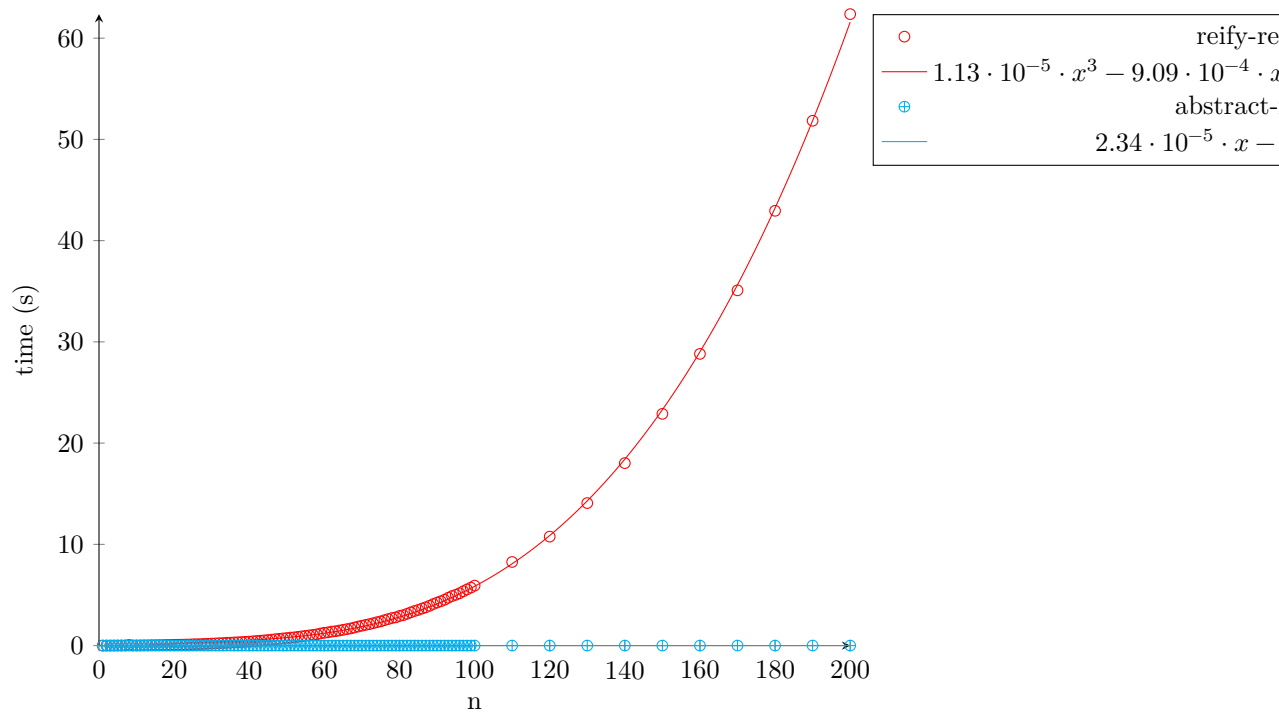Figure 12: timing-rewrite-repeated-app-fast-rewrite-no-abstract
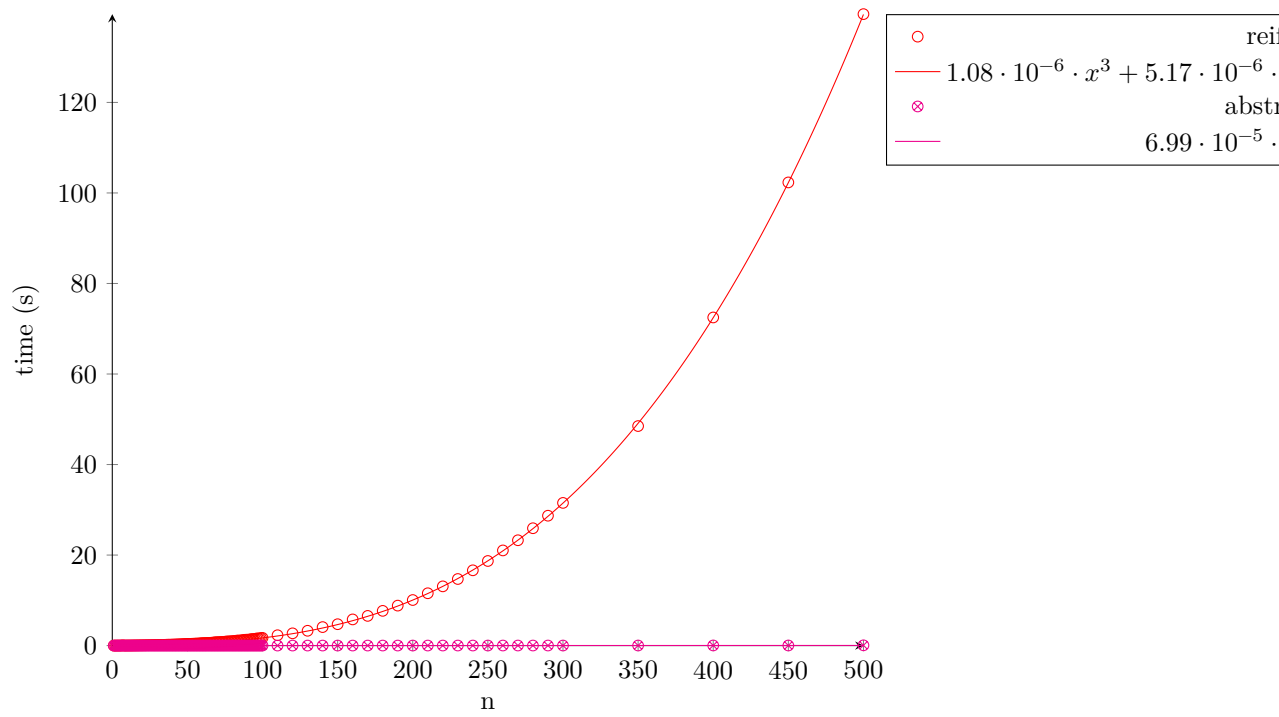
Figure 13: timing-typeclass-reification-let-in-HOAS

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