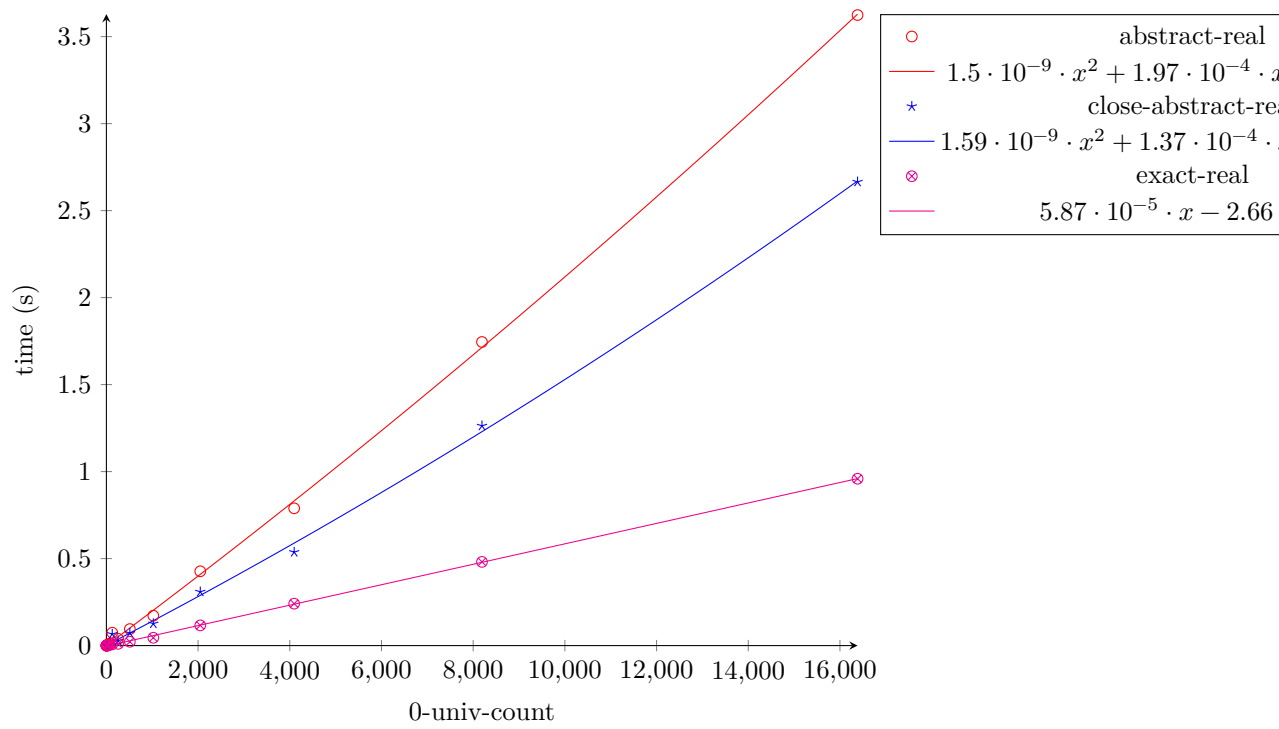Figure 1: timing-pattern

1

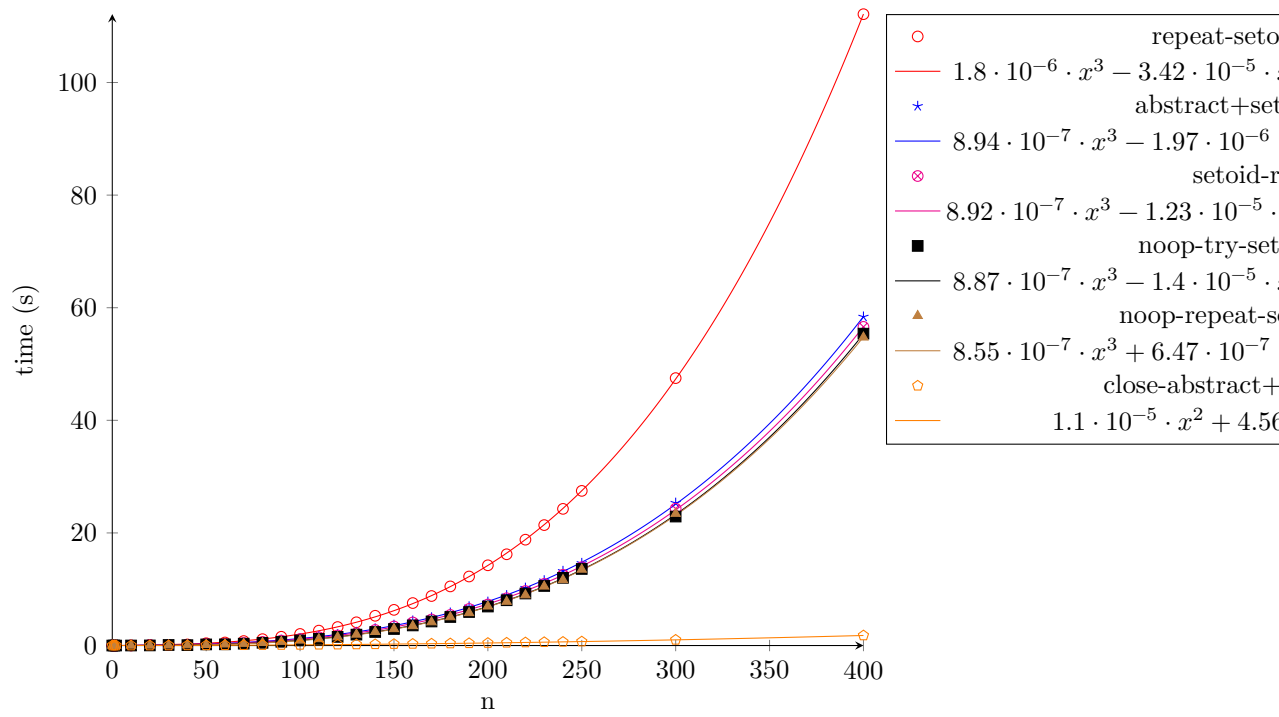Figure 2: timing-n-polymorphic-universes param-1-n   0

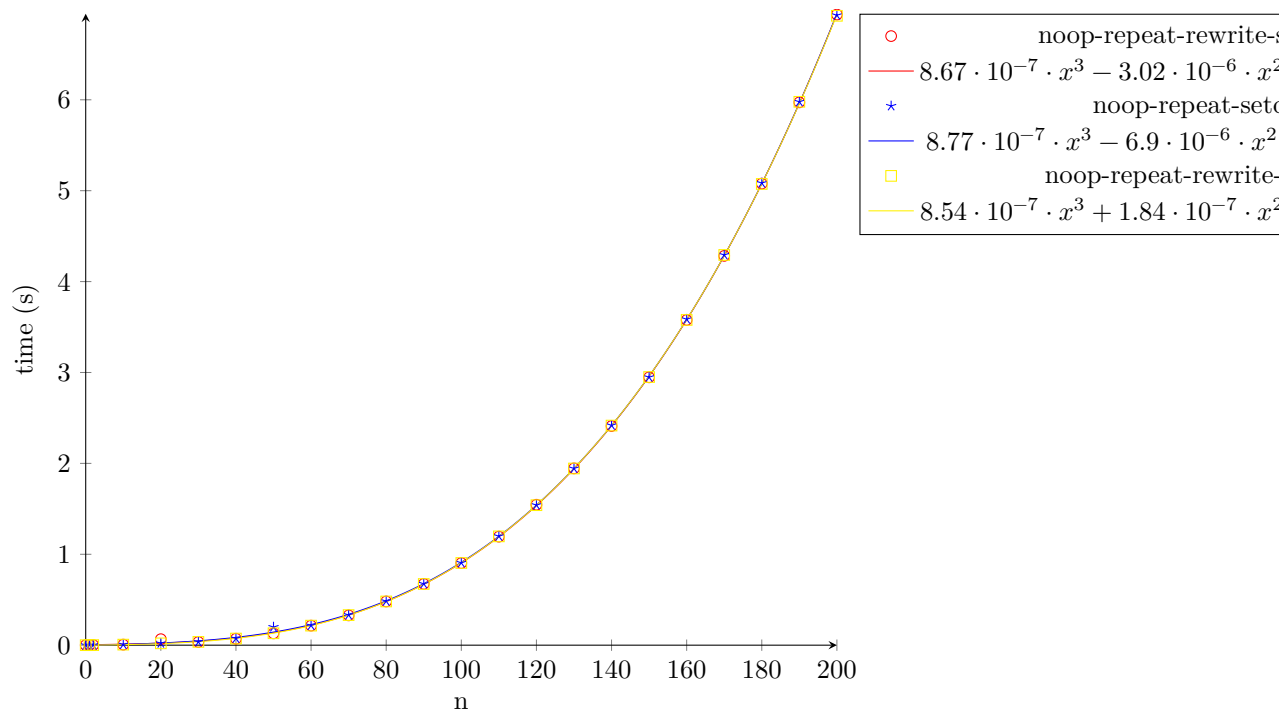Figure 3: timing-repeat-setoid-rewrite-under-binders

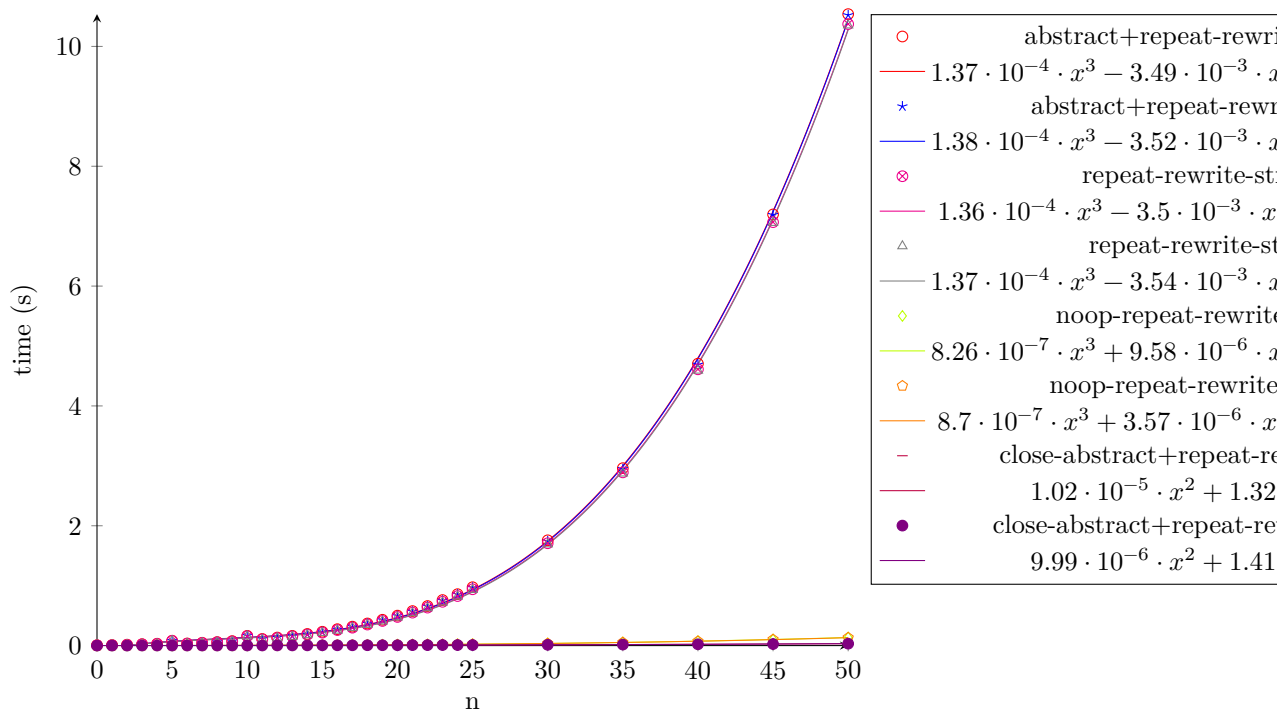Figure 4: timing-repeat-setoid-rewrite-under-binders-noop

4

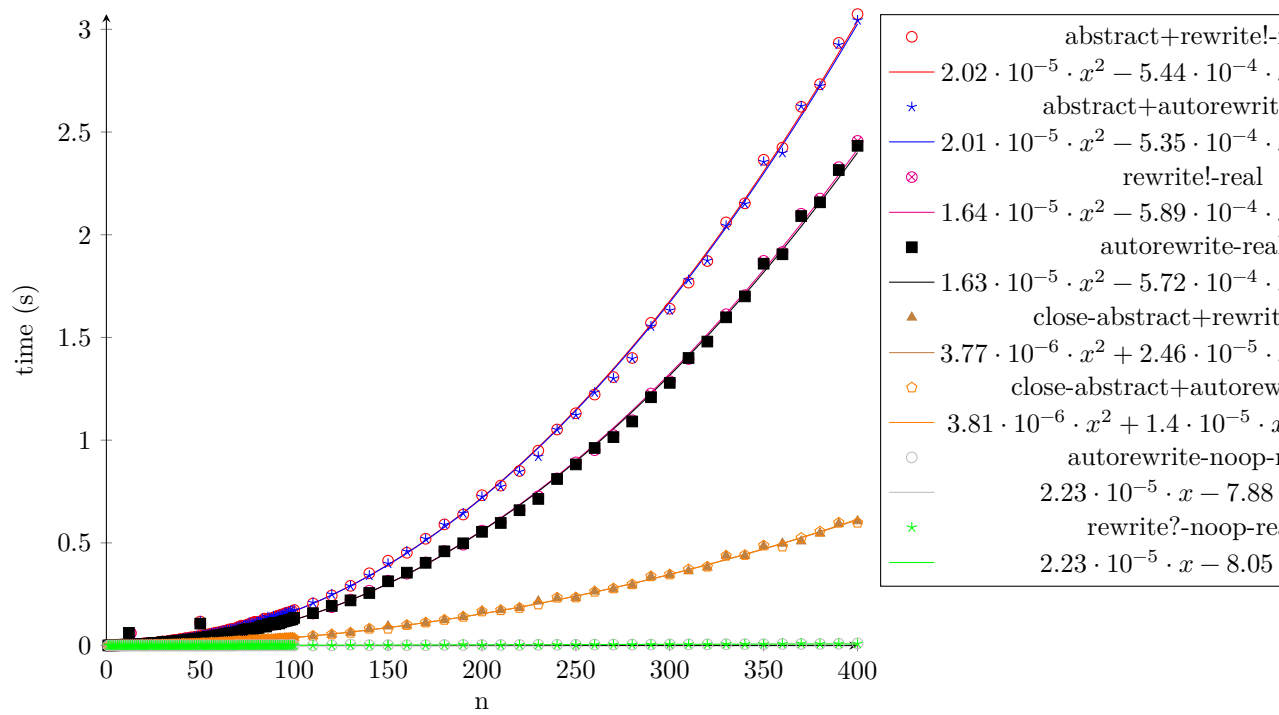Figure 5: timing-rewrite-strat-under-binders
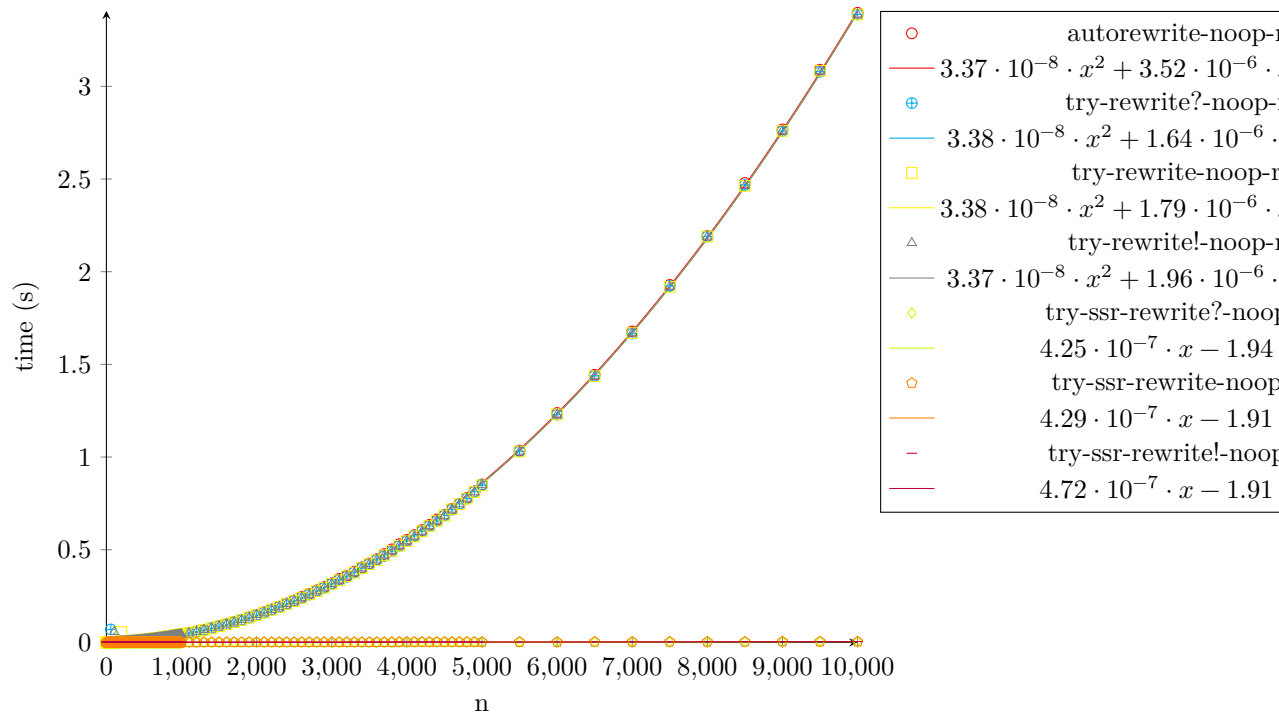
Figure 6: timing-rewrite-repeated-app-autorewrite

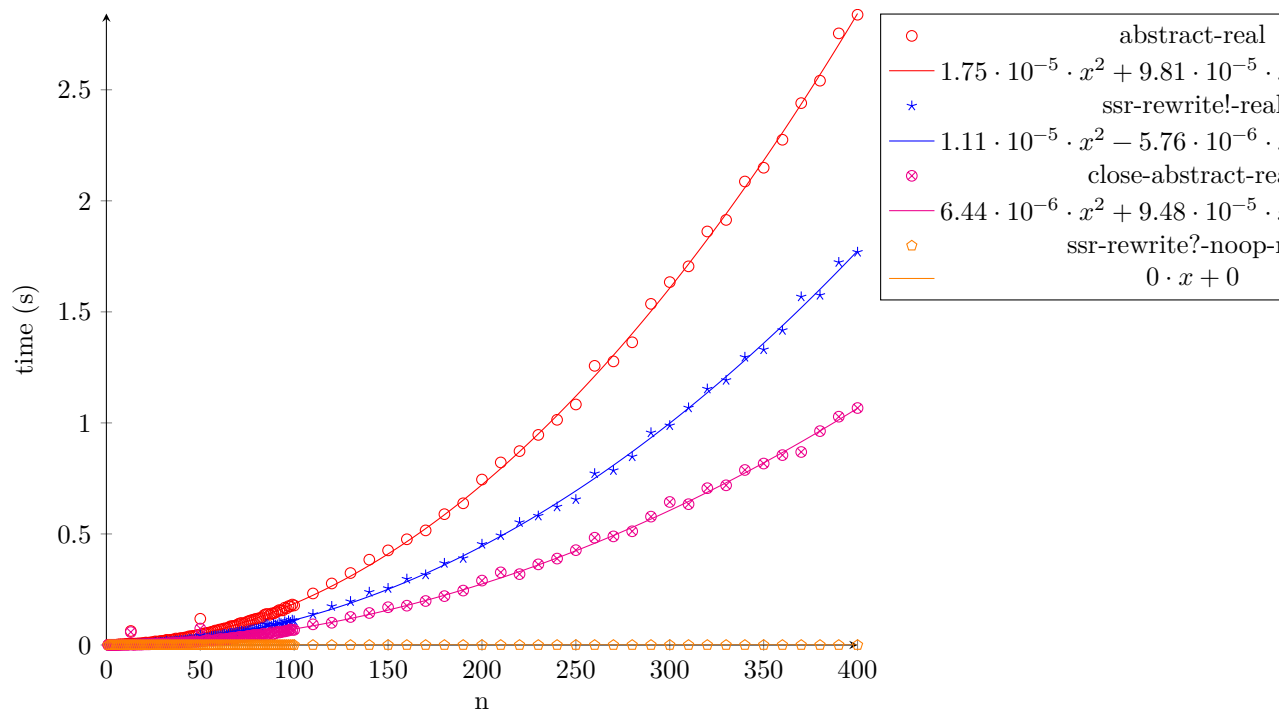Figure 7: timing-rewrite-repeated-app-autorewrite-noop

The chart legend contains the following entries:

autorewrite-noop-r
$3.37 \cdot 10^{-8} \cdot x^2 + 3.52 \cdot 10^{-6} \cdot$
try-rewrite?-noop-
$3.38 \cdot 10^{-8} \cdot x^2 + 1.64 \cdot 10^{-6} \cdot$
try-rewrite-noop-r
$3.38 \cdot 10^{-8} \cdot x^2 + 1.79 \cdot 10^{-6} \cdot$
try-rewrite!-noop-r
$3.37 \cdot 10^{-8} \cdot x^2 + 1.96 \cdot 10^{-6} \cdot$
try-ssr-rewrite?-noop
$4.25 \cdot 10^{-7} \cdot x - 1.94$
try-ssr-rewrite-noop
$4.29 \cdot 10^{-7} \cdot x - 1.91$
try-ssr-rewrite!-noop
$4.72 \cdot 10^{-7} \cdot x - 1.91$

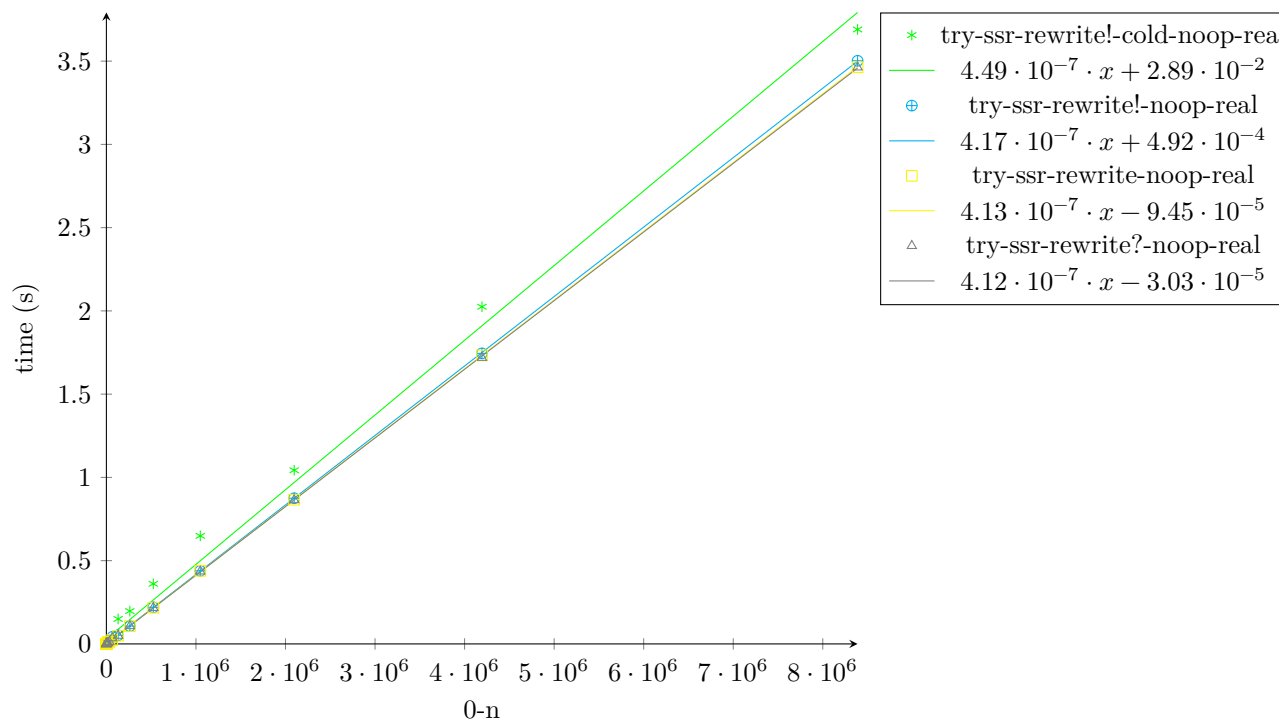Figure 8: timing-rewrite-repeated-app-ssrrewrite

8

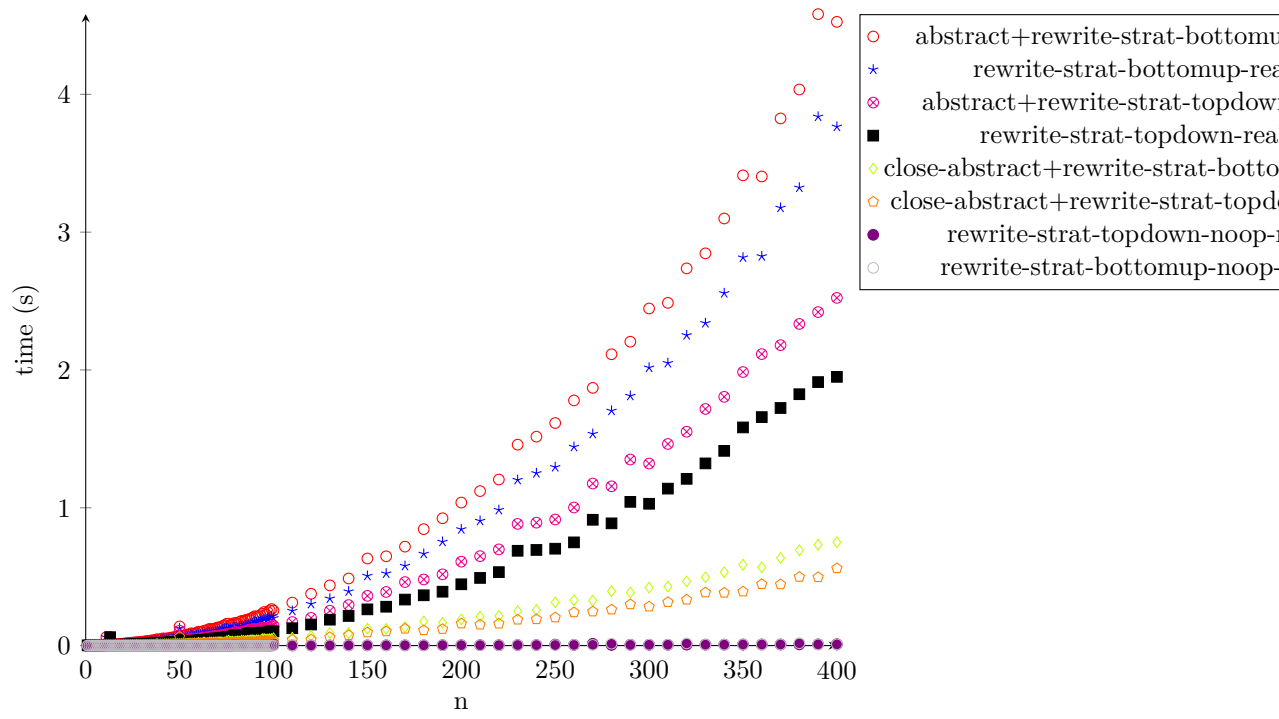Figure 9: timing-rewrite-repeated-app-ssrrewrite-noop param-1-lgn 1

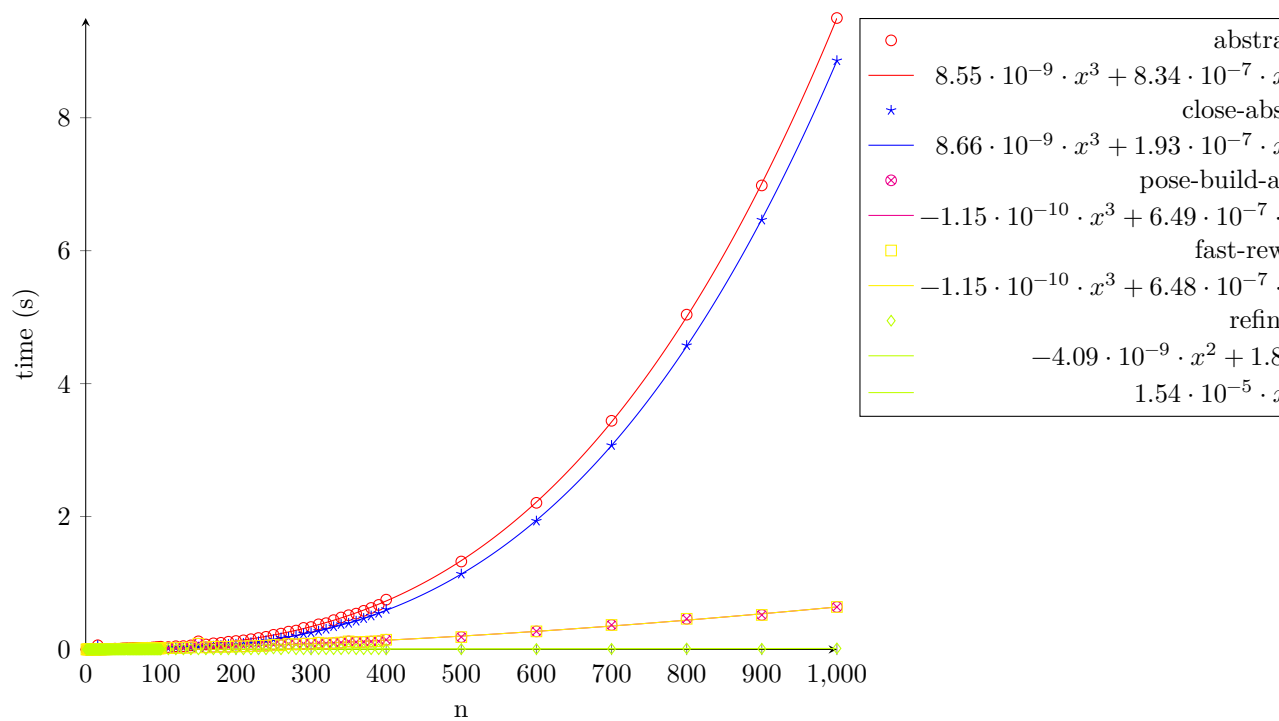Figure 10: timing-rewrite-repeated-app-rewrite-strat

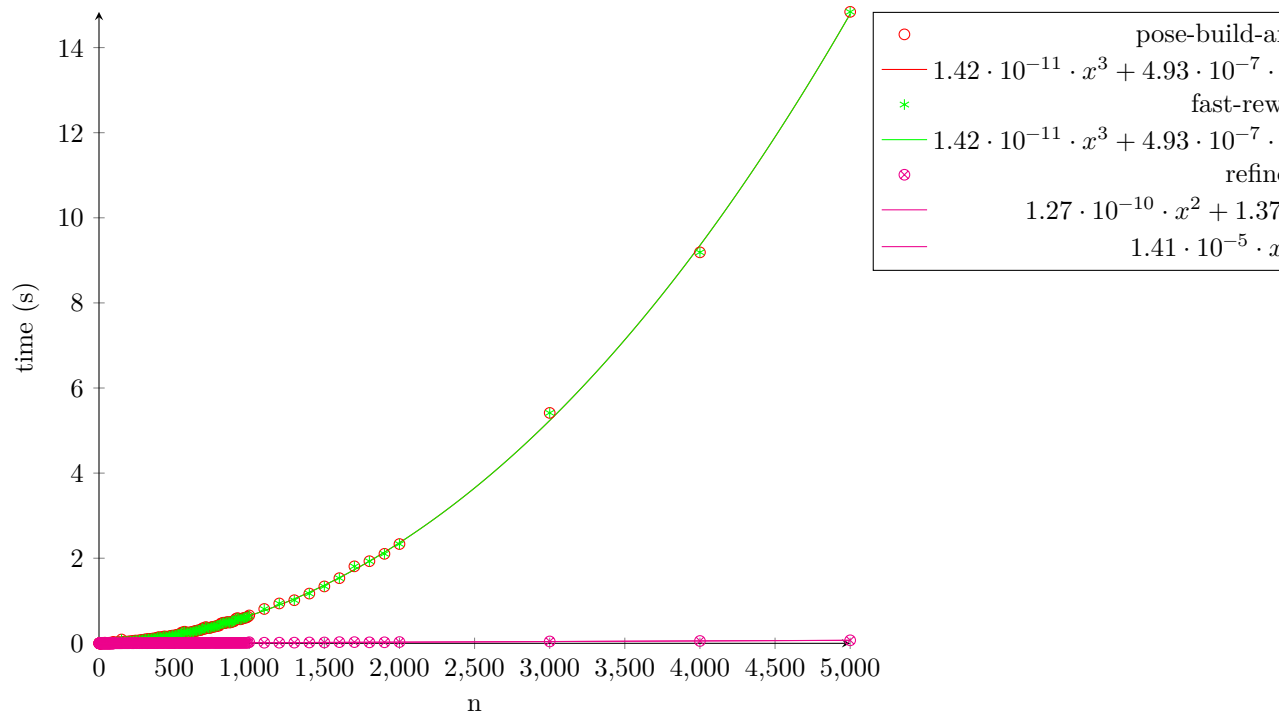Figure 11: timing-rewrite-repeated-app-fast-rewrite

Figure 12: timing-rewrite-repeated-app-fast-rewrite-no-abstract
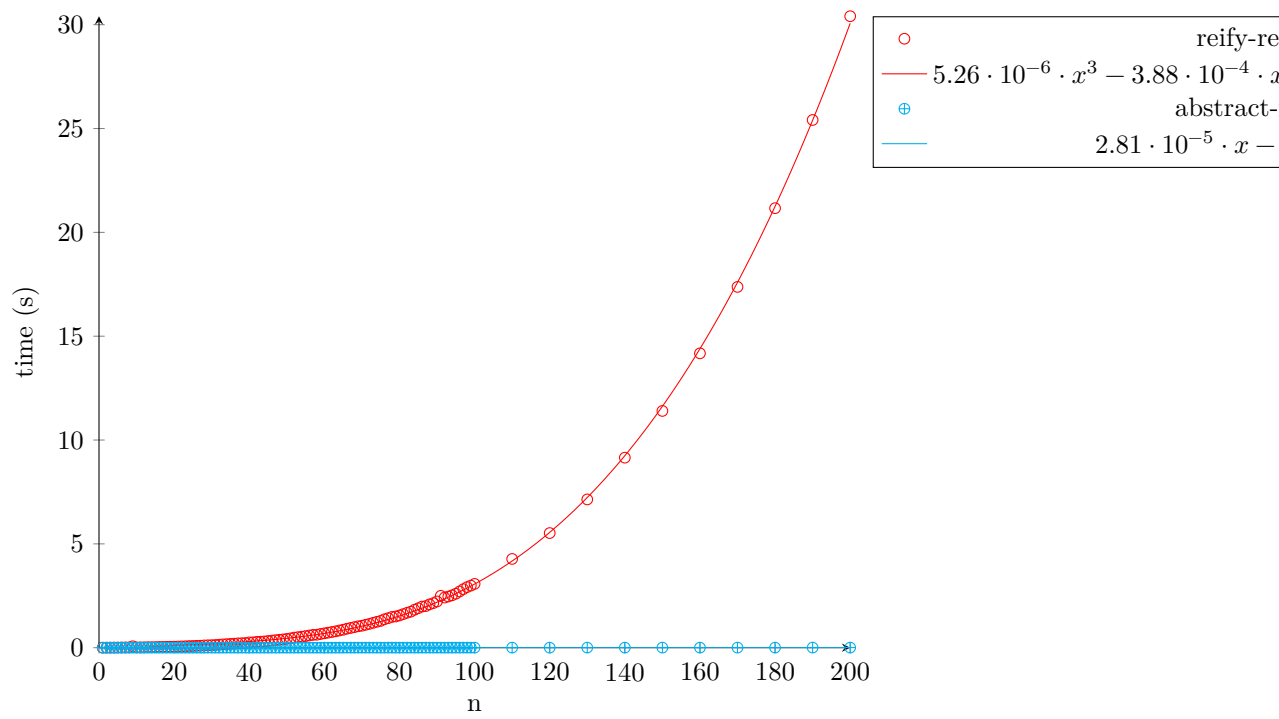
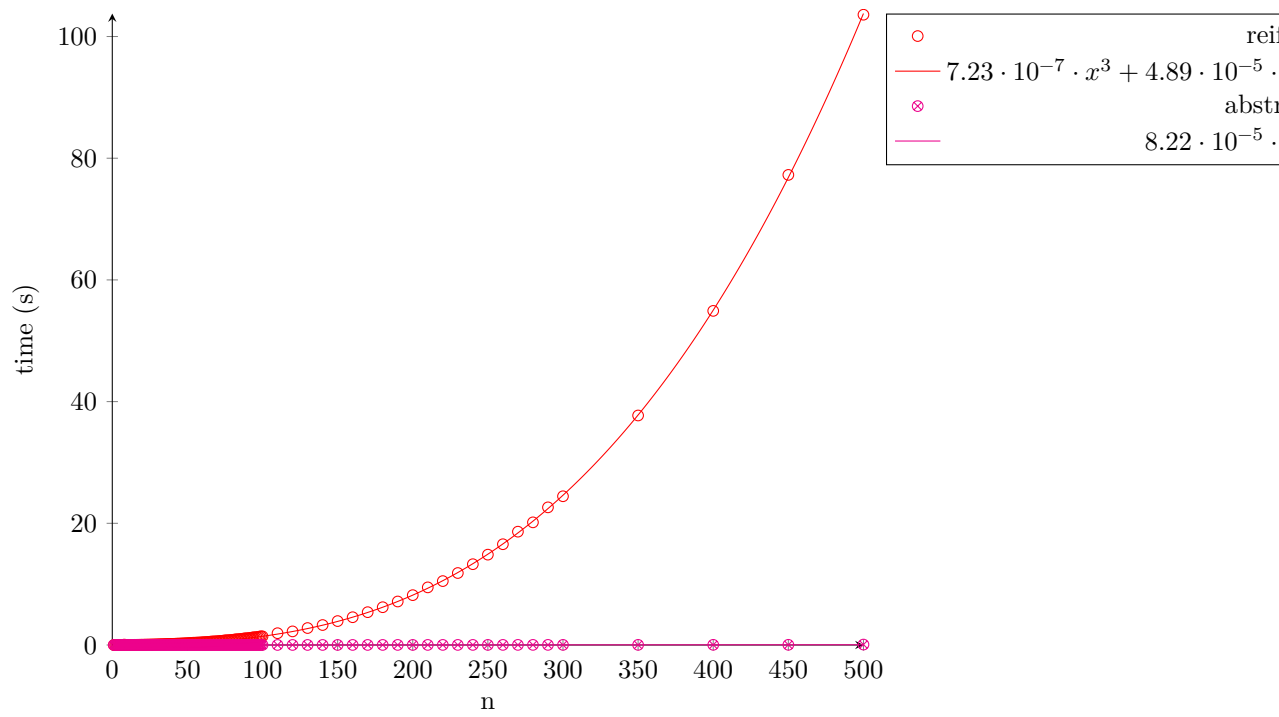Figure 13: timing-typeclass-reification-let-in-HOAS
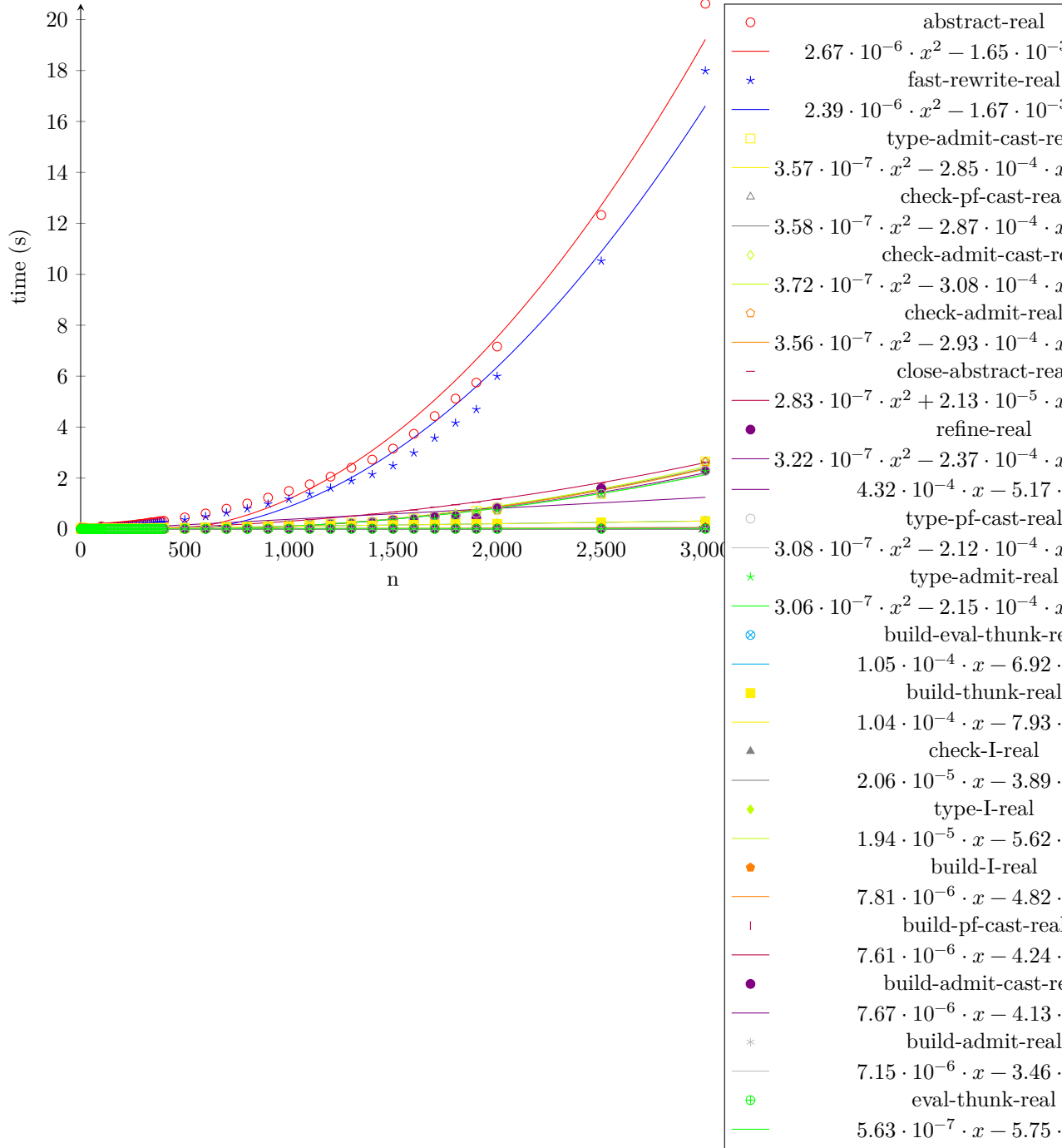
Figure 14: timing-typeclass-reification-let-in-PHOAS

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