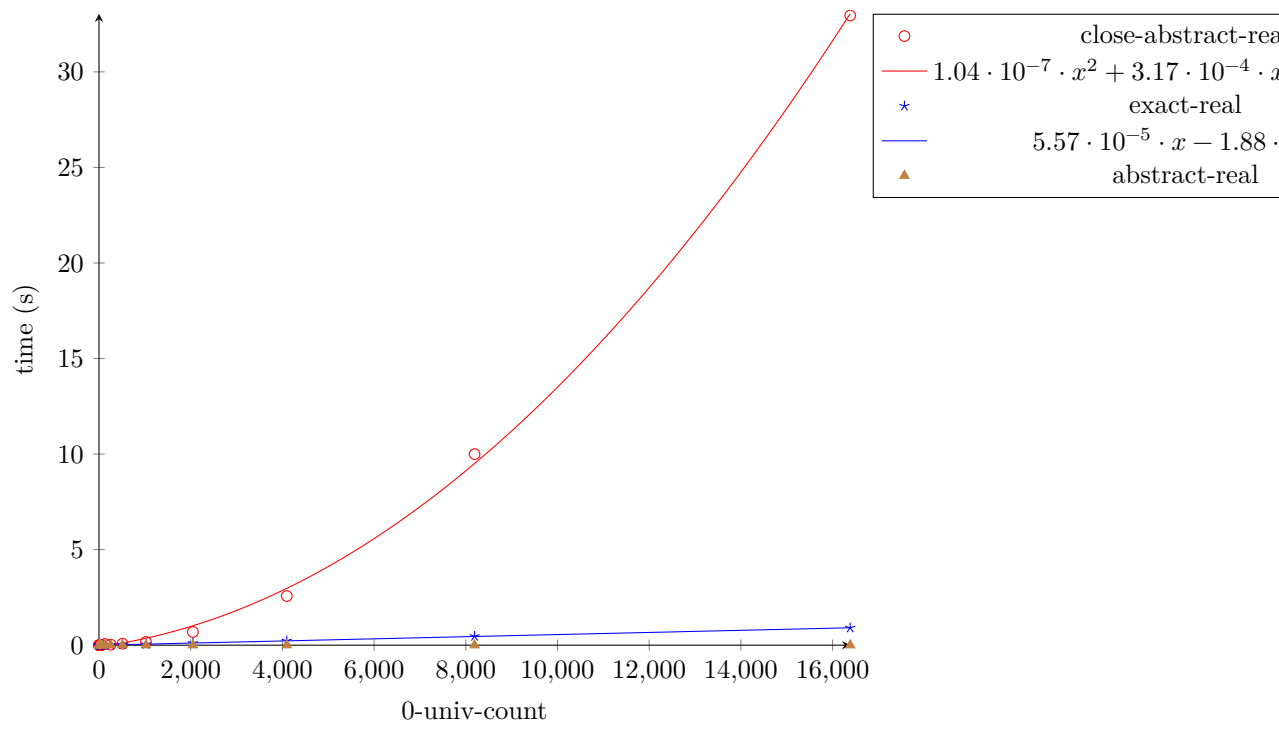Figure 1: timing-pattern

1

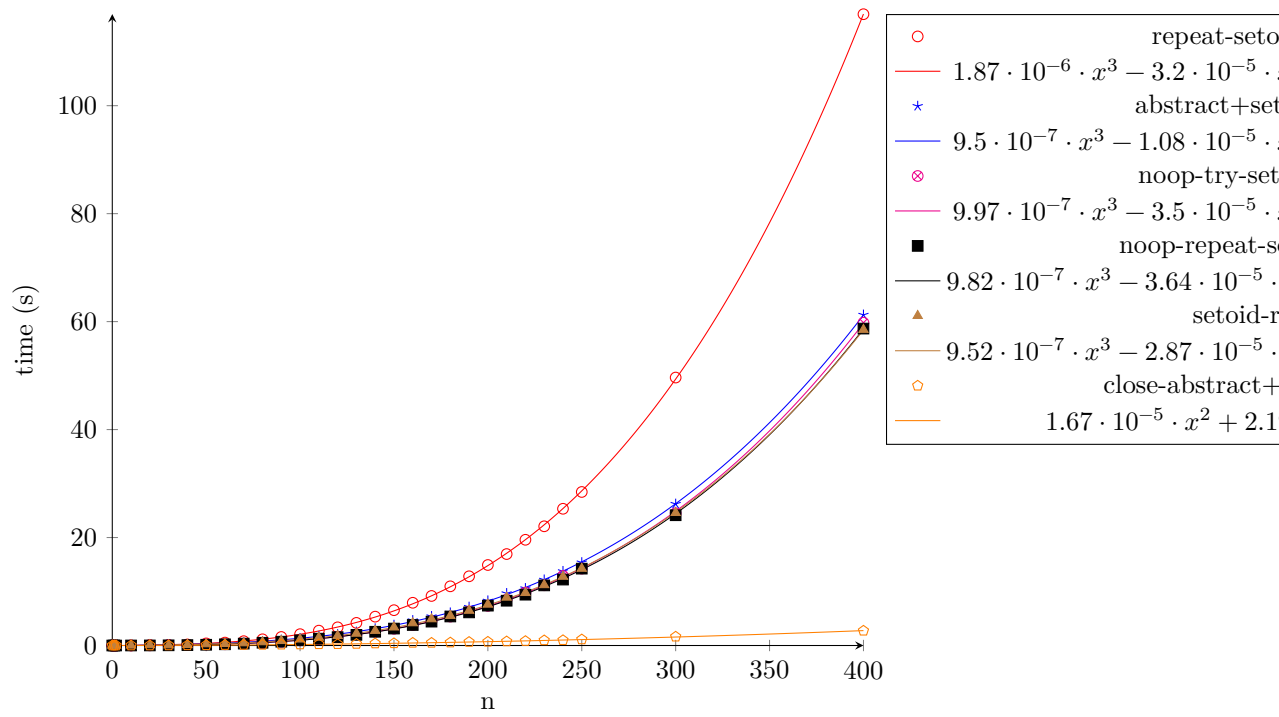Figure 2: timing-n-polymorphic-universes param-1-n 0

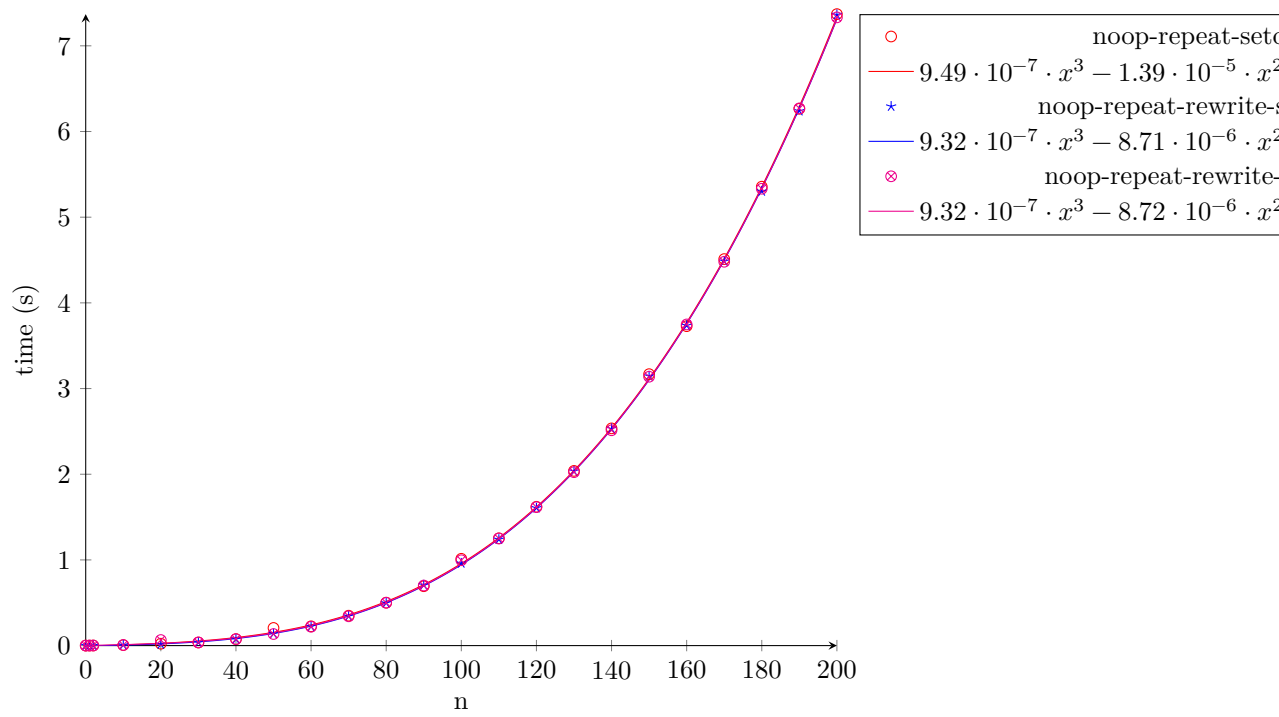Figure 3: timing-repeat-setoid-rewrite-under-binders

3

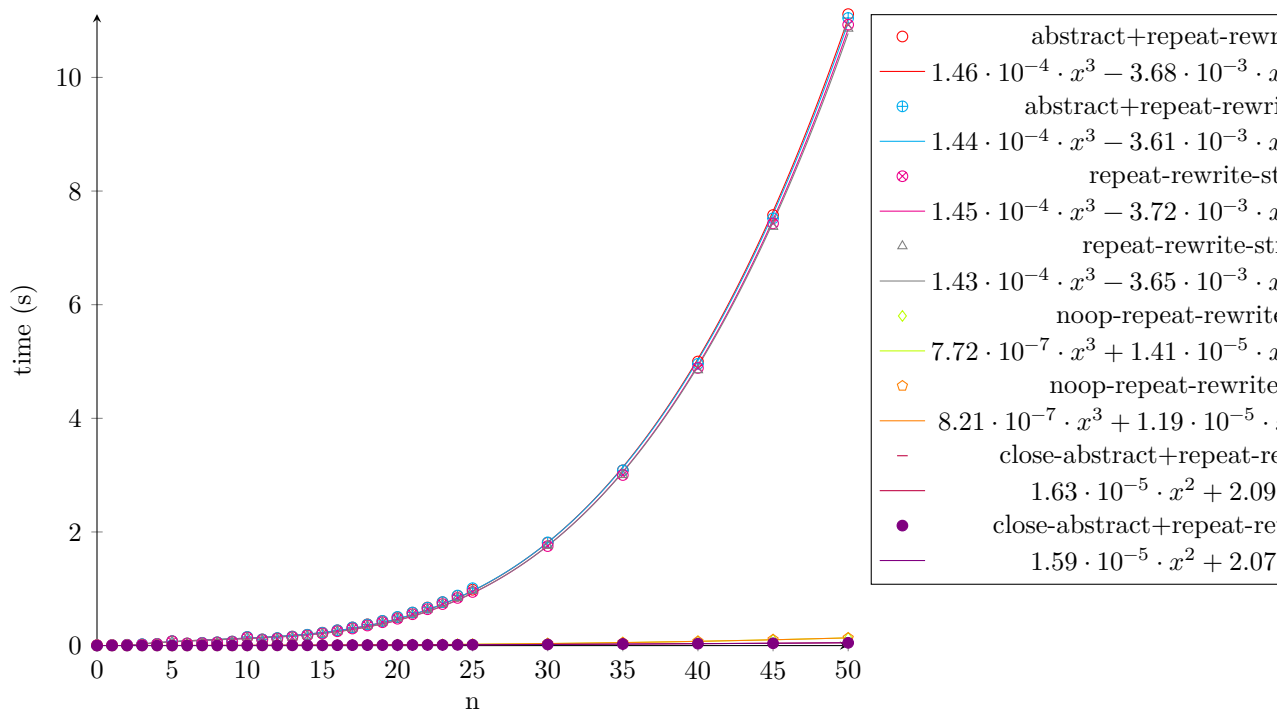Figure 4: timing-repeat-setoid-rewrite-under-binders-noop

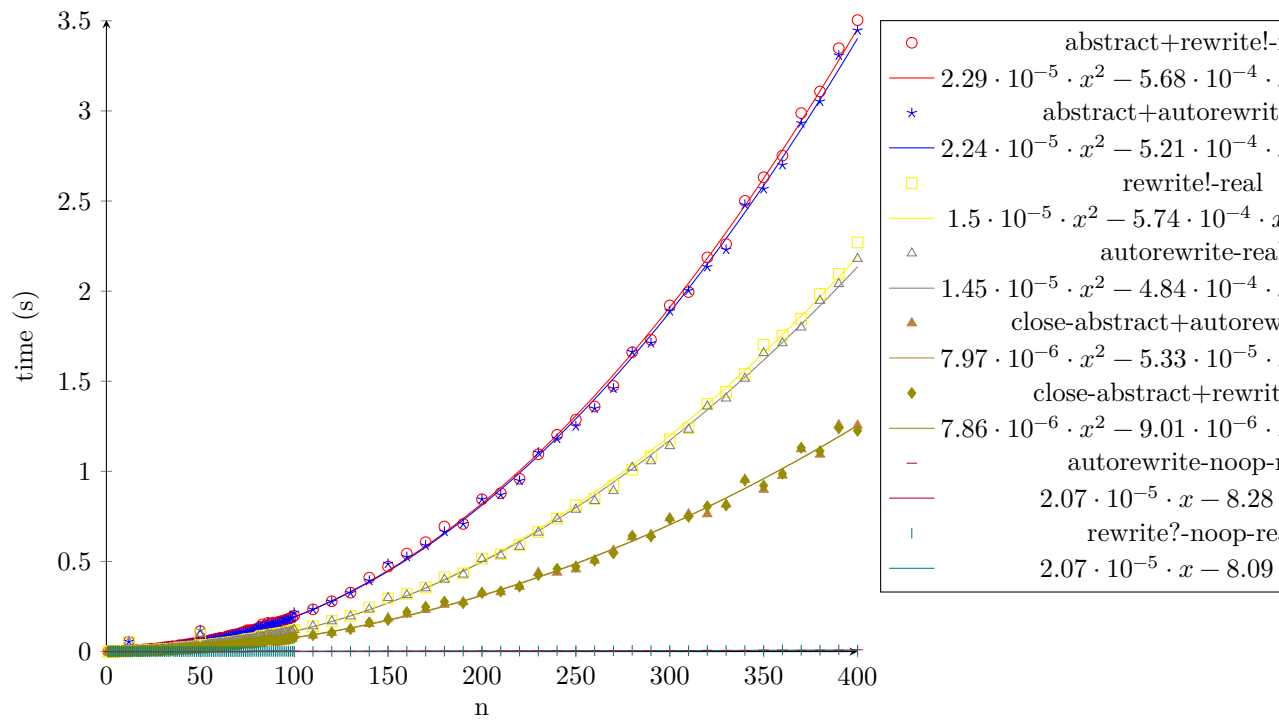Figure 5: timing-rewrite-strat-under-binders

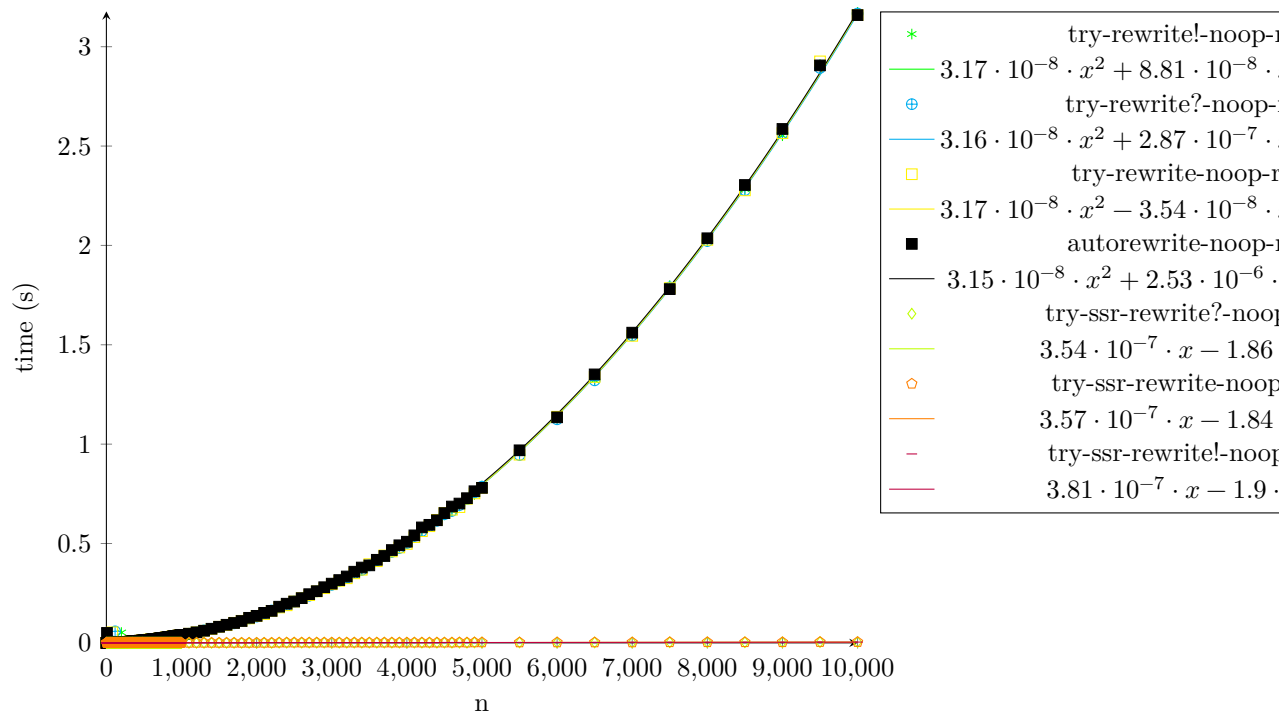Figure 6: timing-rewrite-repeated-app-autorewrite

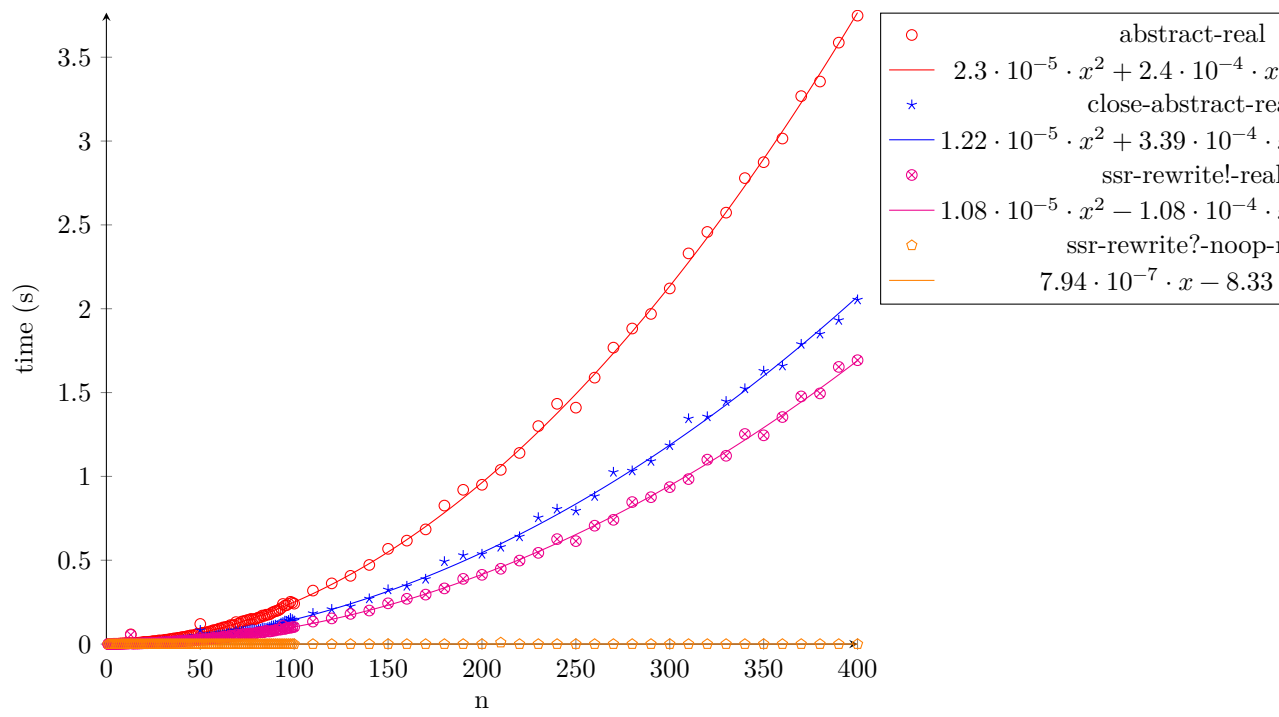Figure 7: timing-rewrite-repeated-app-autorewrite-noop

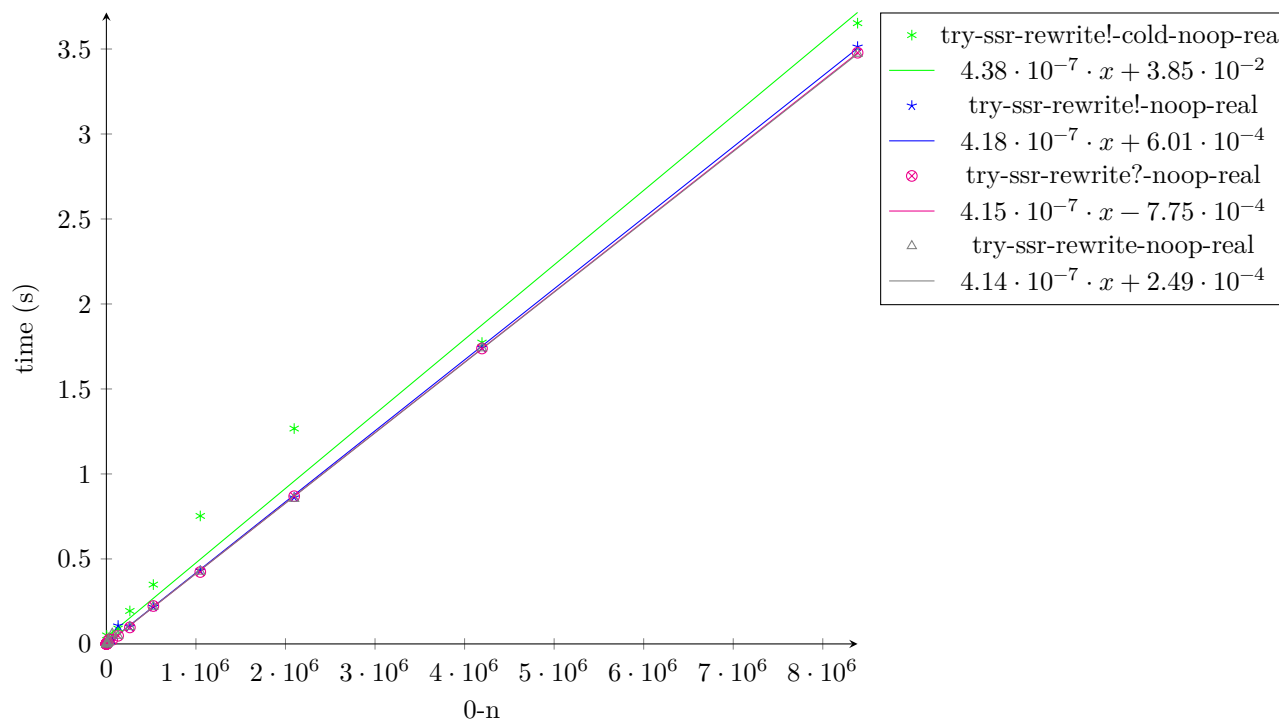Figure 8: timing-rewrite-repeated-app-ssrrewrite

8

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

The legend of the figure reads:

- try-ssr-rewrite!-cold-noop-real
- $4.38 \cdot 10^{-7} \cdot x + 3.85 \cdot 10^{-2}$
- try-ssr-rewrite!-noop-real
- $4.18 \cdot 10^{-7} \cdot x + 6.01 \cdot 10^{-4}$
- try-ssr-rewrite?-noop-real
- $4.15 \cdot 10^{-7} \cdot x - 7.75 \cdot 10^{-4}$
- try-ssr-rewrite-noop-real
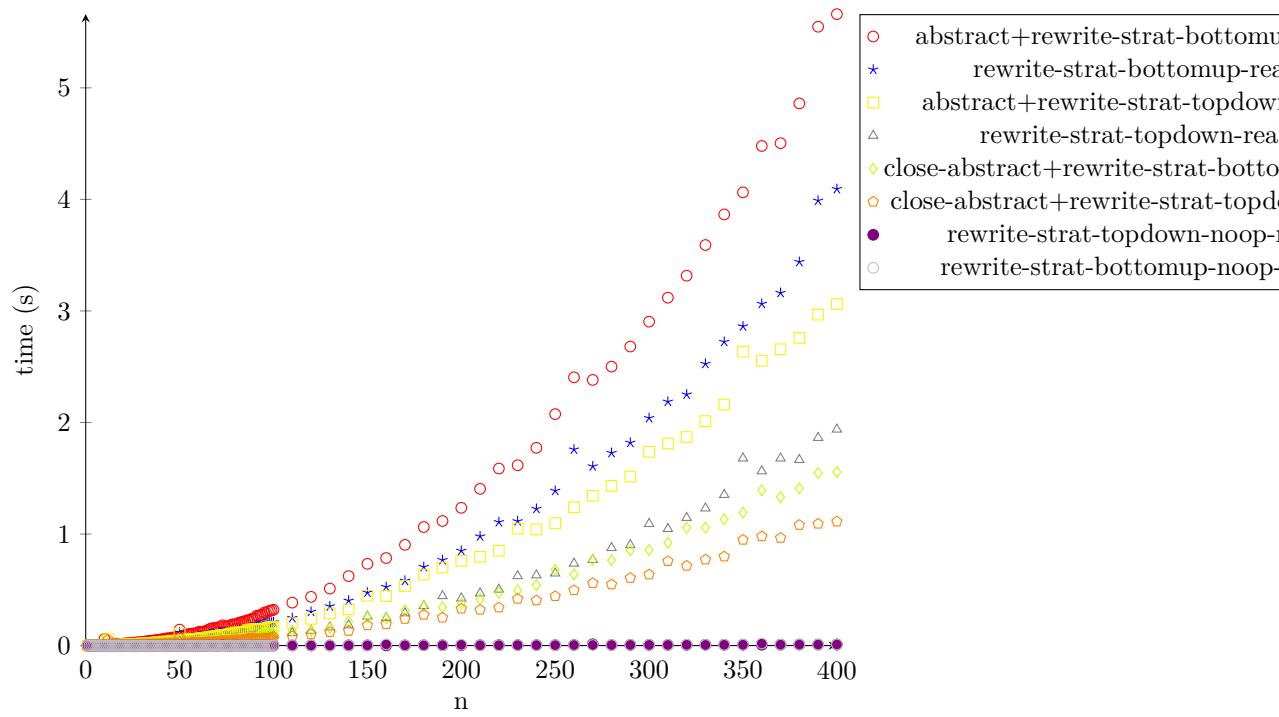- $4.14 \cdot 10^{-7} \cdot x + 2.49 \cdot 10^{-4}$

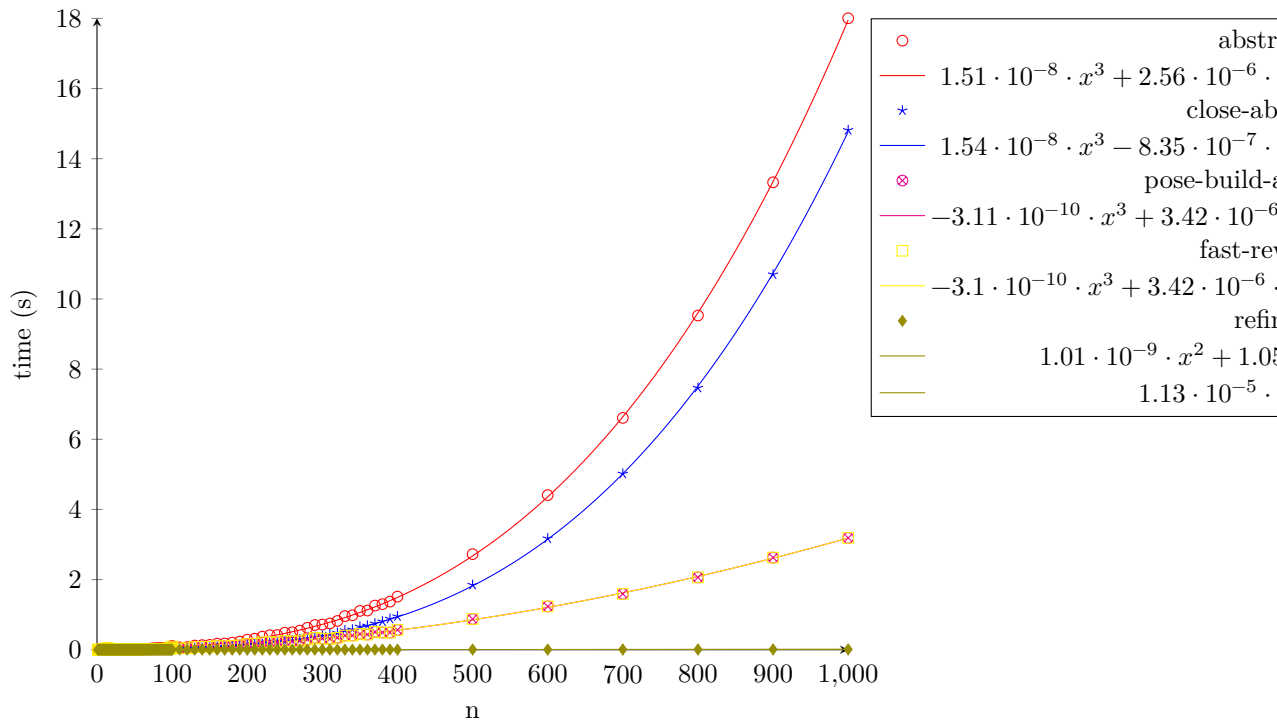Figure 10: timing-rewrite-repeated-app-rewrite-strat
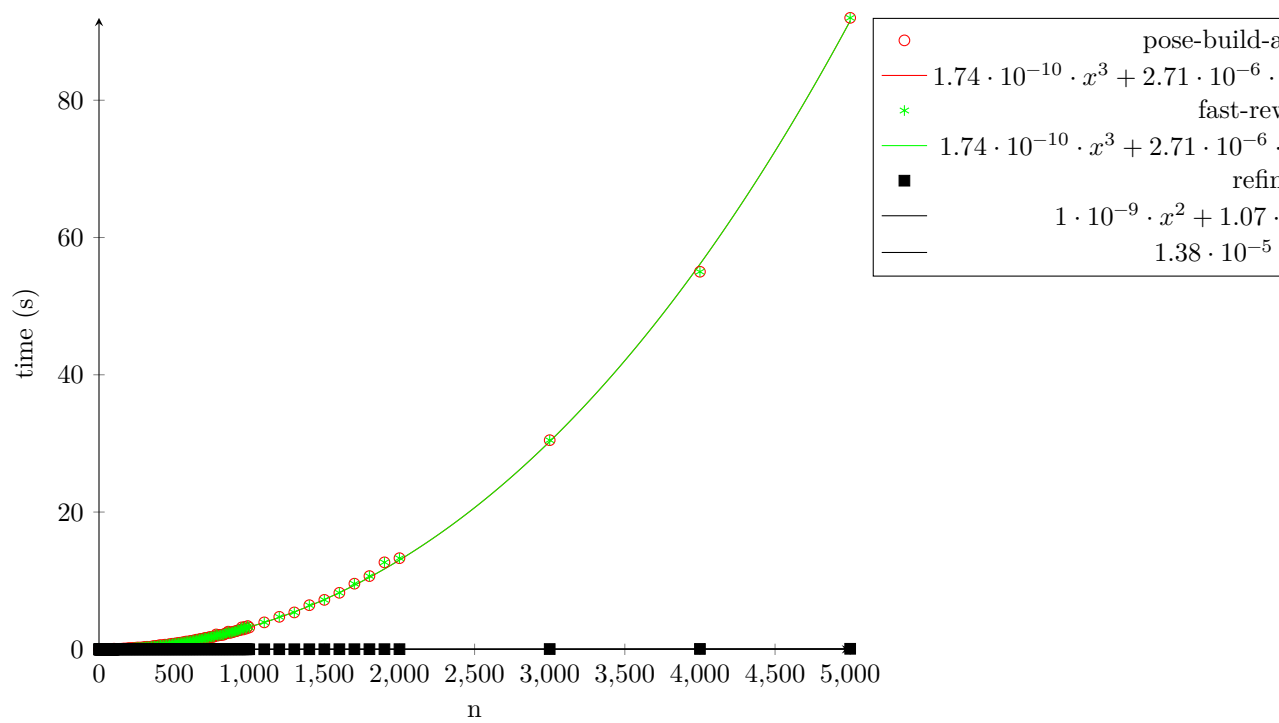
Figure 11: timing-rewrite-repeated-app-fast-rewrite

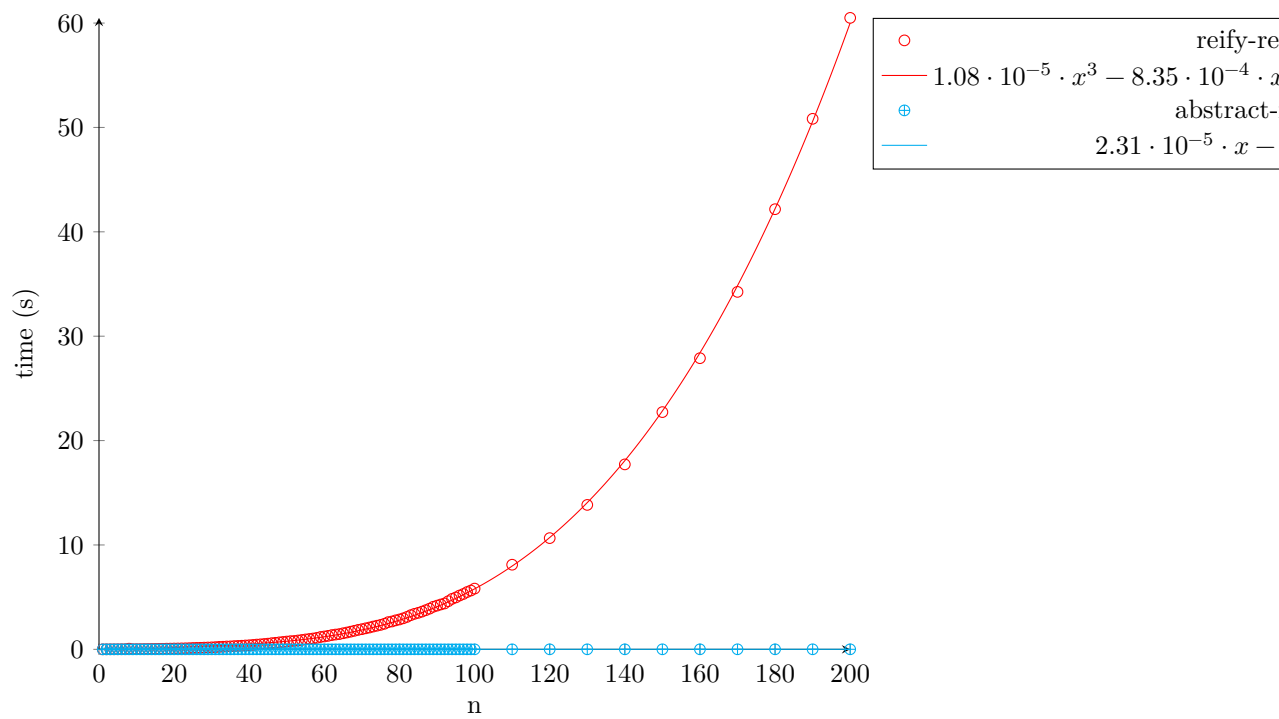Figure 12: timing-rewrite-repeated-app-fast-rewrite-no-abstract
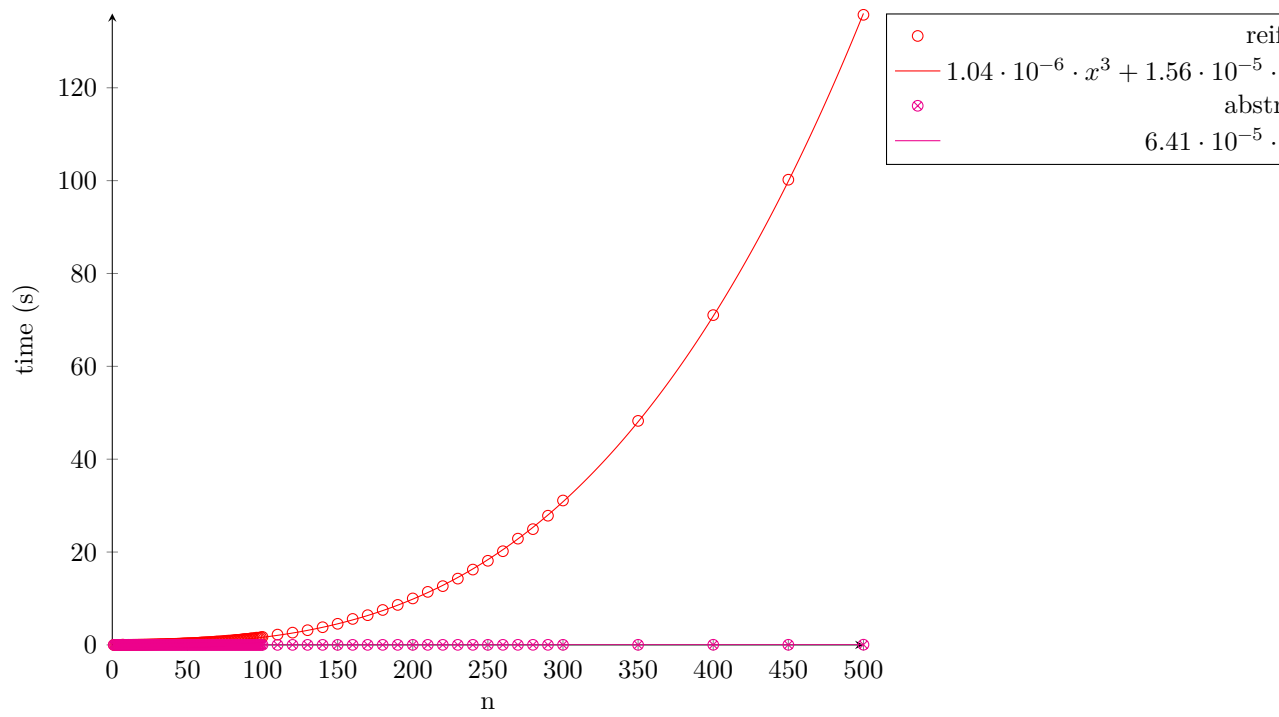
Figure 13: timing-typeclass-reification-let-in-HOAS

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