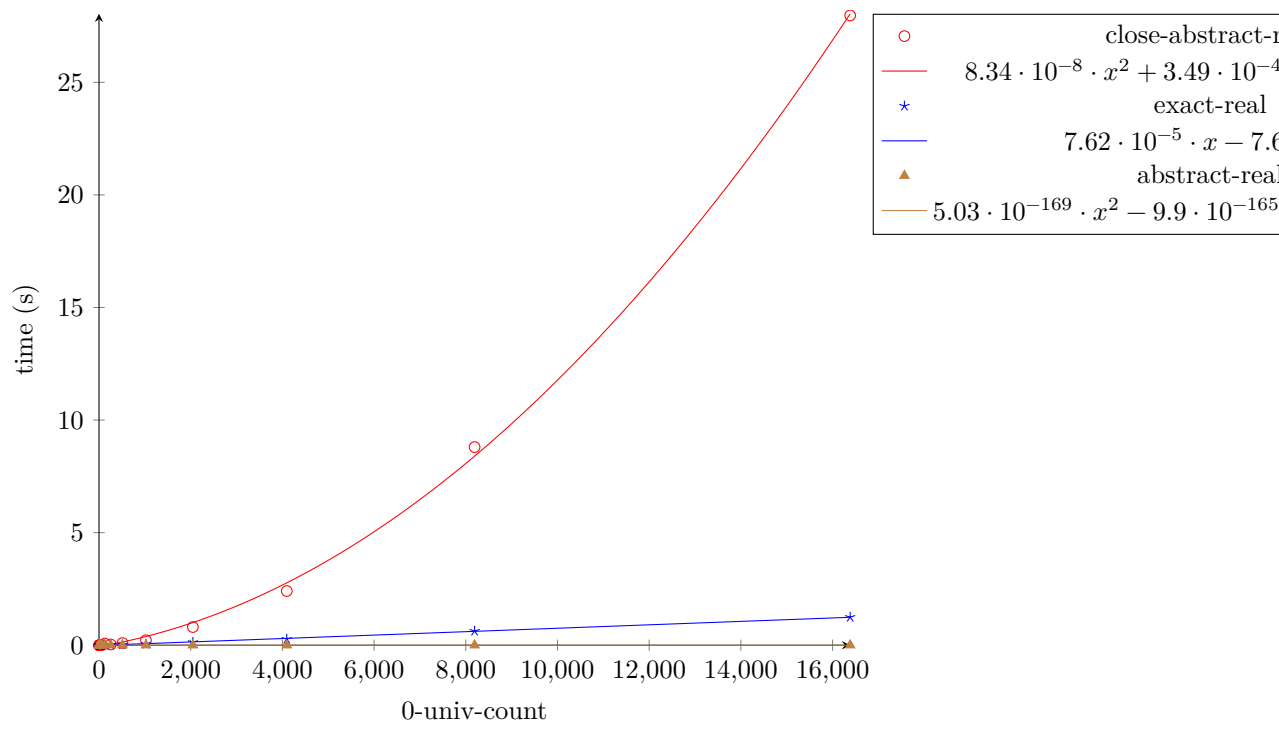Figure 1: timing-pattern

1

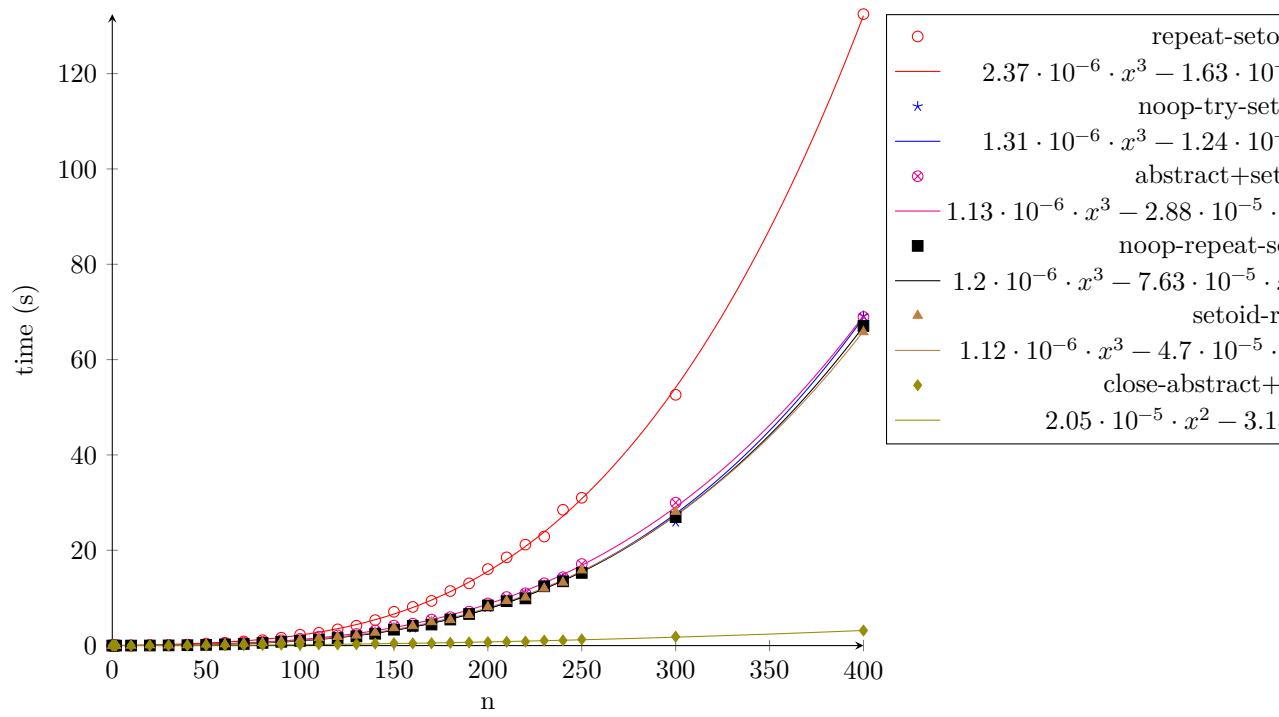Figure 2: timing-n-polymorphic-universes param-1-n 0

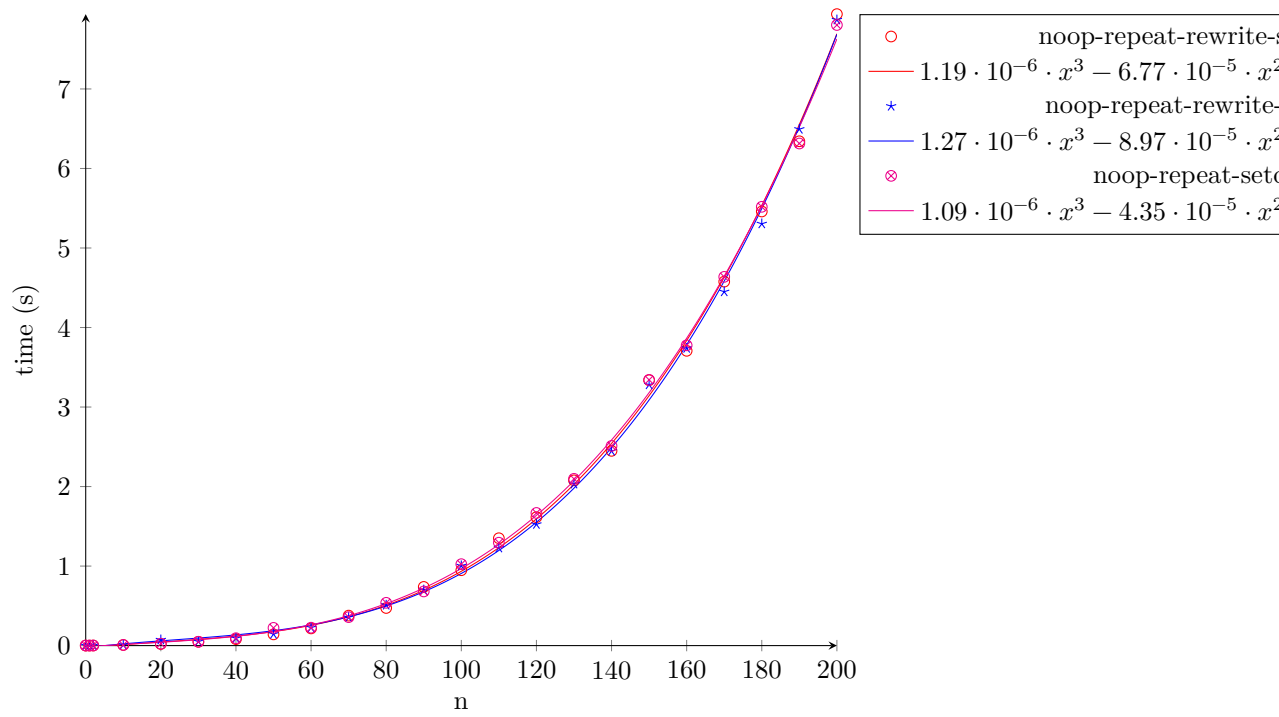Figure 3: timing-repeat-setoid-rewrite-under-binders

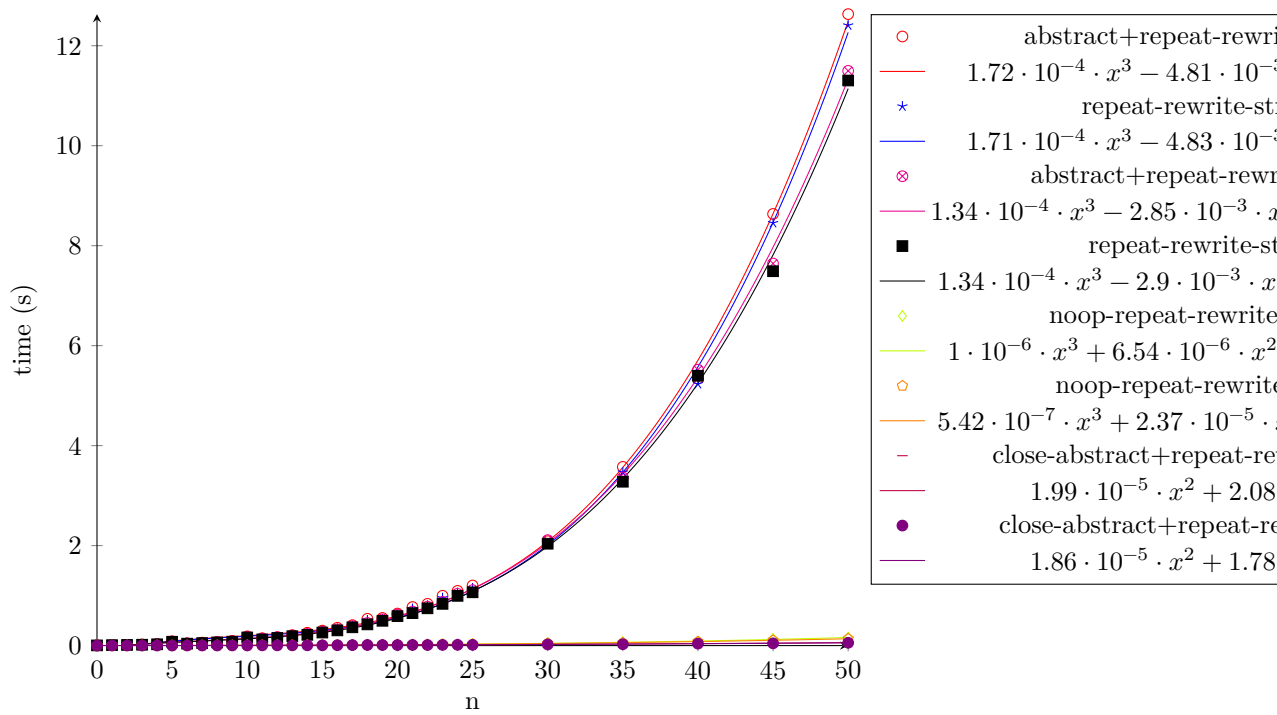Figure 4: timing-repeat-setoid-rewrite-under-binders-noop

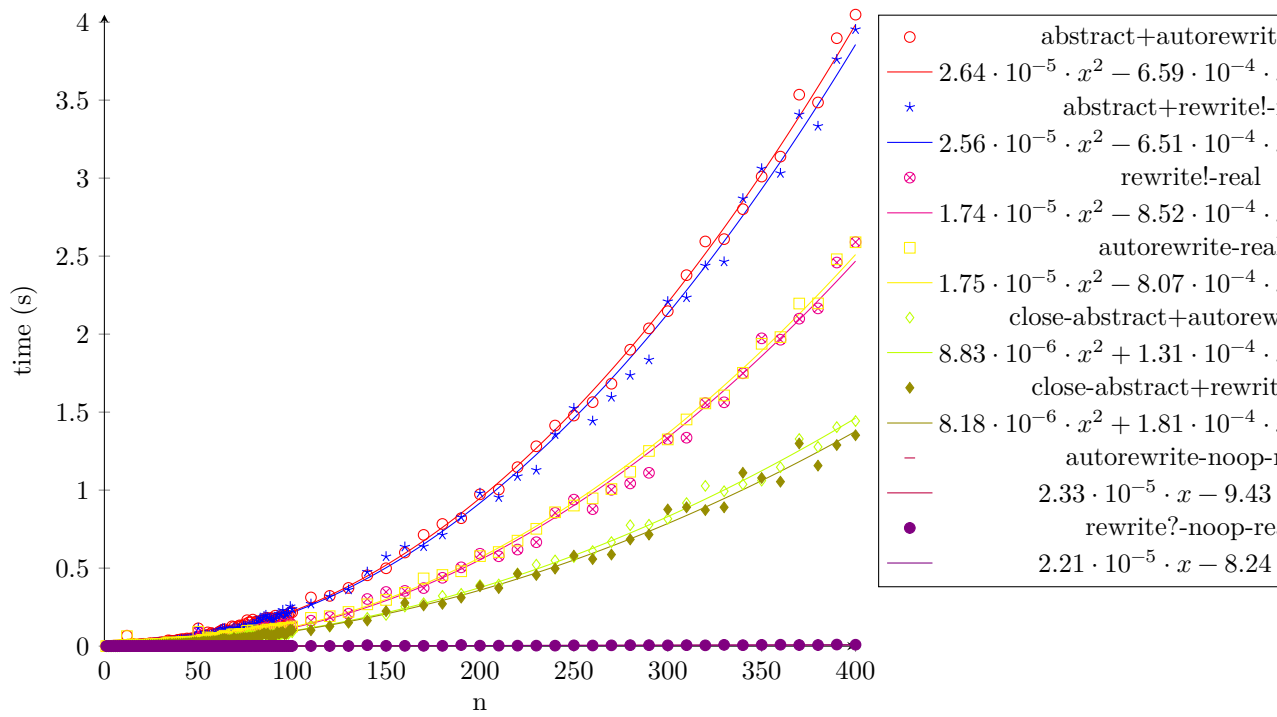Figure 5: timing-rewrite-strat-under-binders
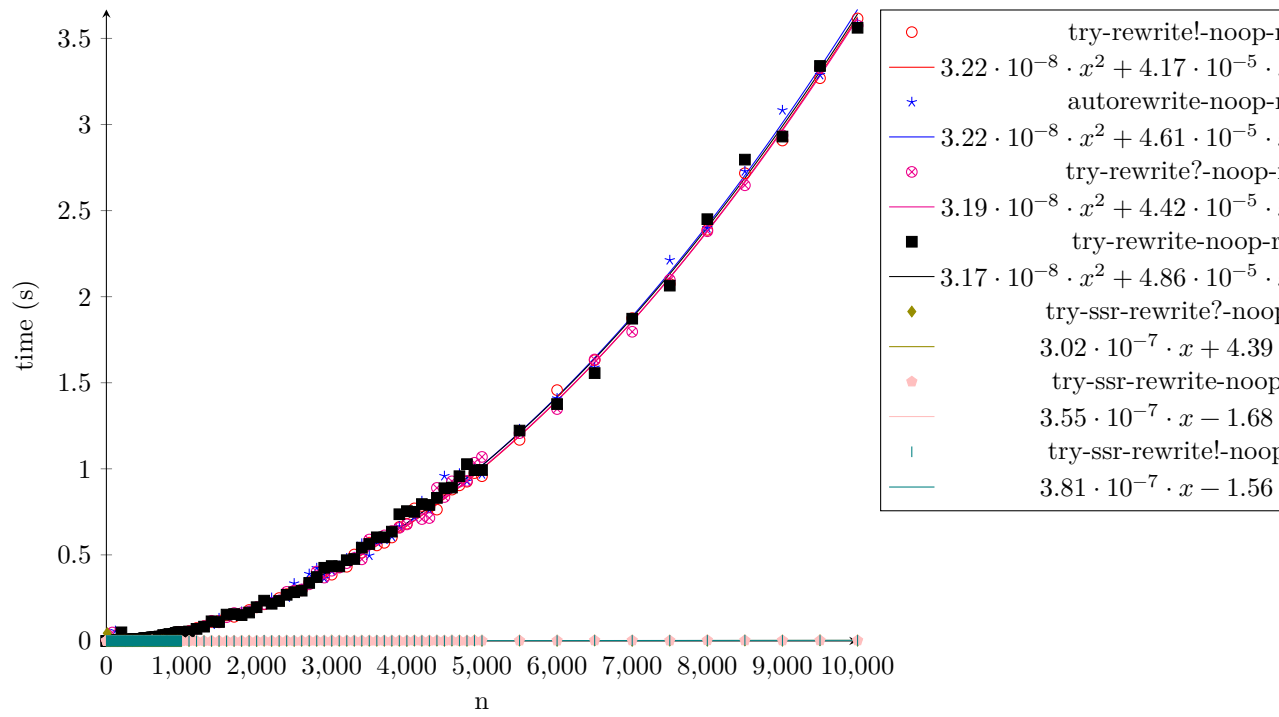
Figure 6: timing-rewrite-repeated-app-autorewrite

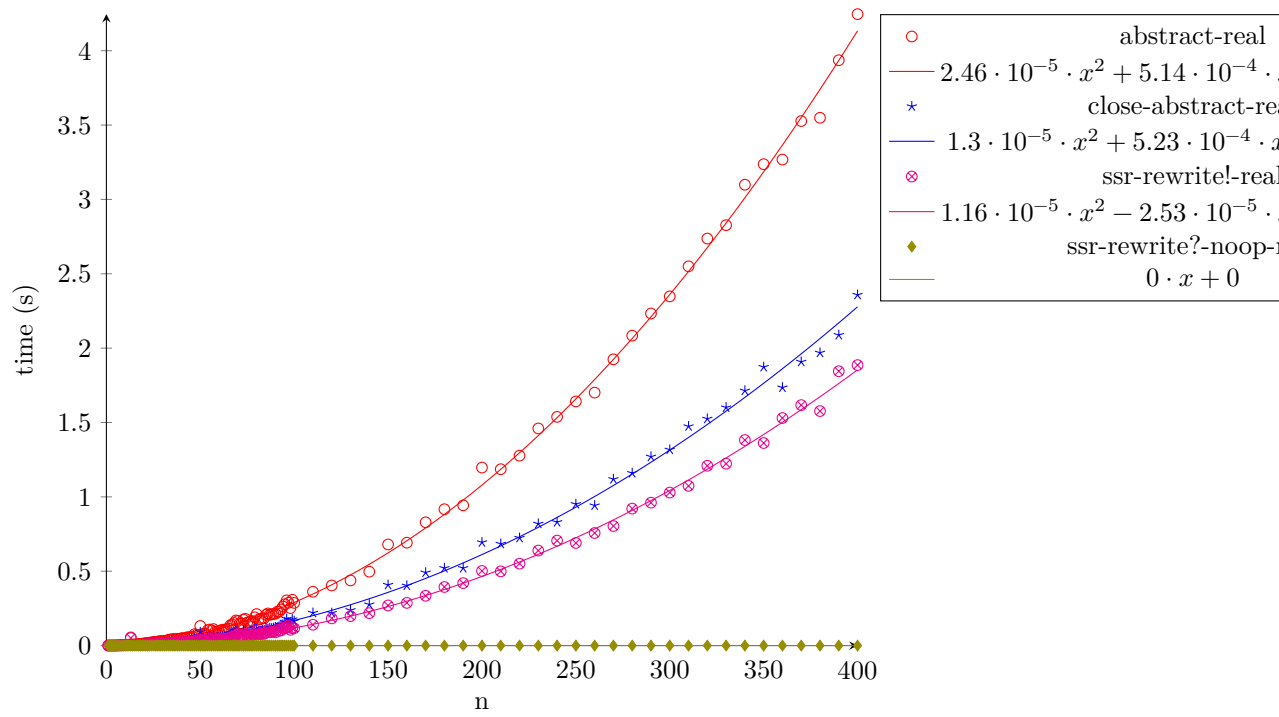Figure 7: timing-rewrite-repeated-app-autorewrite-noop

The legend contains the following entries:

- ○ try-rewrite!-noop-
- $3.22 \cdot 10^{-8} \cdot x^2 + 4.17 \cdot 10^{-5} \cdot$
- ⋆ autorewrite-noop-
- $3.22 \cdot 10^{-8} \cdot x^2 + 4.61 \cdot 10^{-5} \cdot$
- ⊗ try-rewrite?-noop-
- $3.19 \cdot 10^{-8} \cdot x^2 + 4.42 \cdot 10^{-5} \cdot$
- ■ try-rewrite-noop-
- $3.17 \cdot 10^{-8} \cdot x^2 + 4.86 \cdot 10^{-5} \cdot$
- ◆ try-ssr-rewrite?-noop
- $3.02 \cdot 10^{-7} \cdot x + 4.39$
- ⬠ try-ssr-rewrite-noop
- $3.55 \cdot 10^{-7} \cdot x - 1.68$
- | try-ssr-rewrite!-noop
- $3.81 \cdot 10^{-7} \cdot x - 1.56$

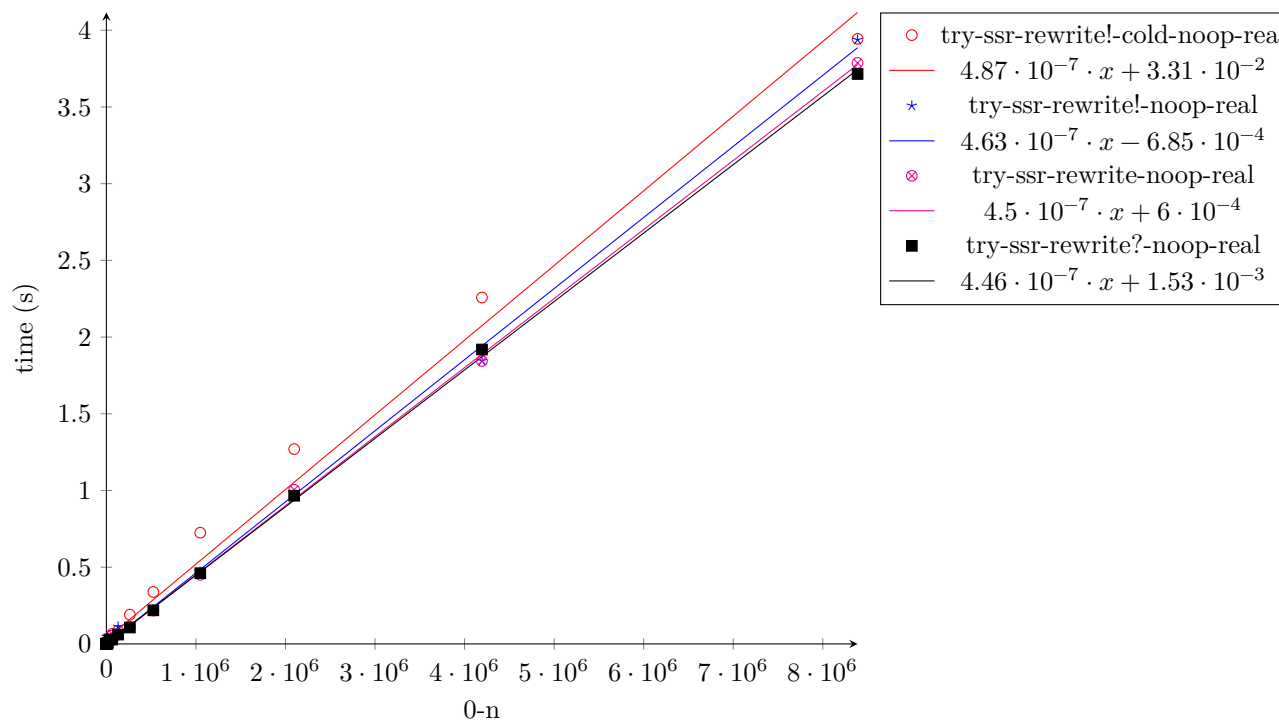Figure 8: timing-rewrite-repeated-app-ssrrewrite

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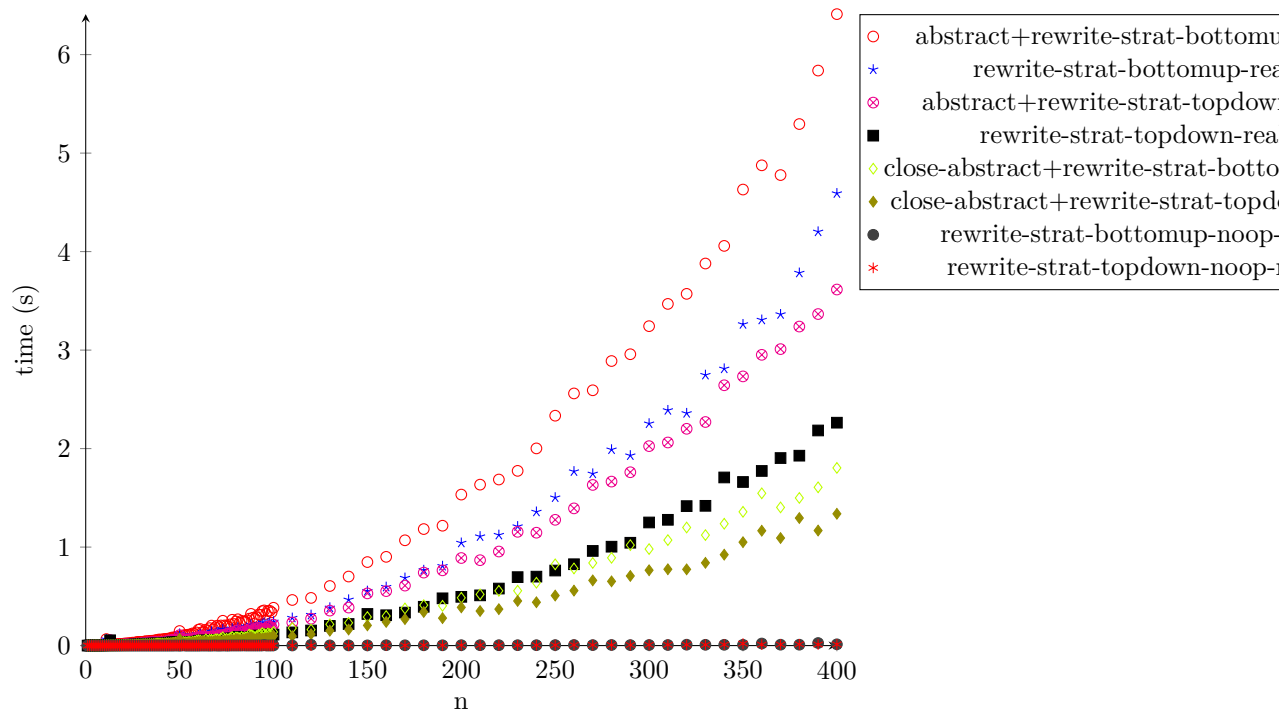Figure 9: timing-rewrite-repeated-app-ssrrewrite-noop param-1-lgn   1

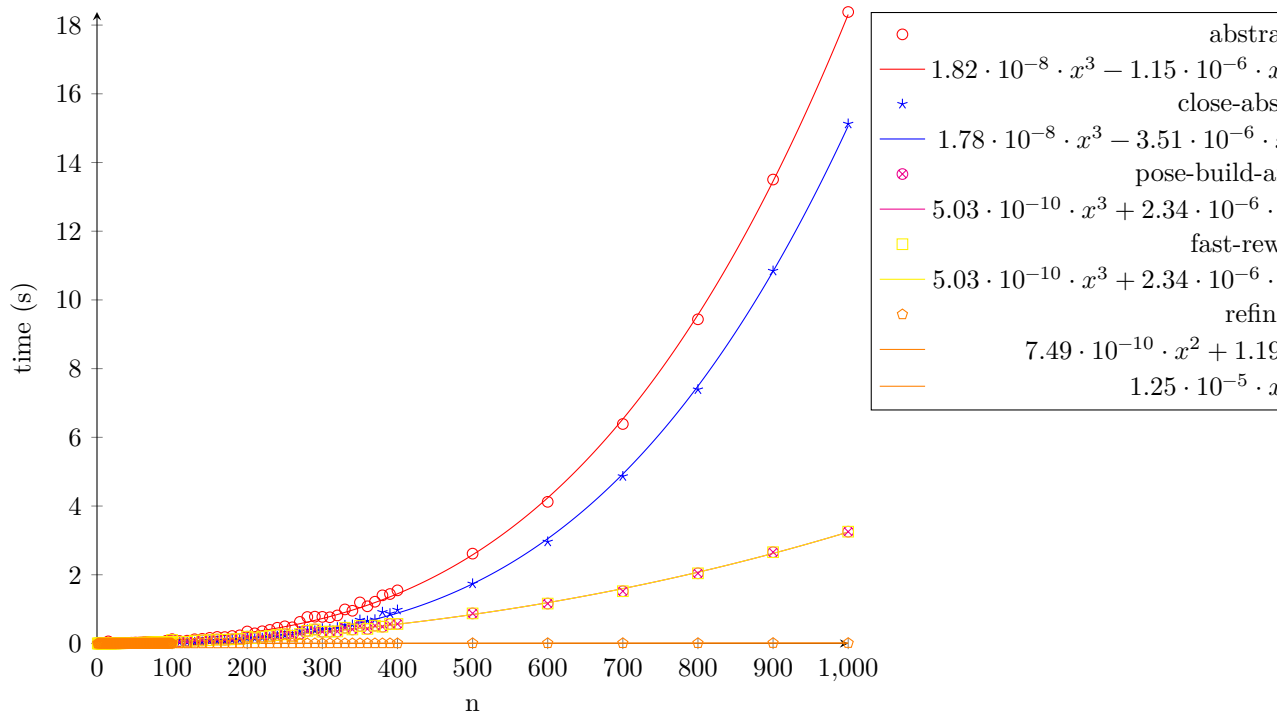Figure 10: timing-rewrite-repeated-app-rewrite-strat

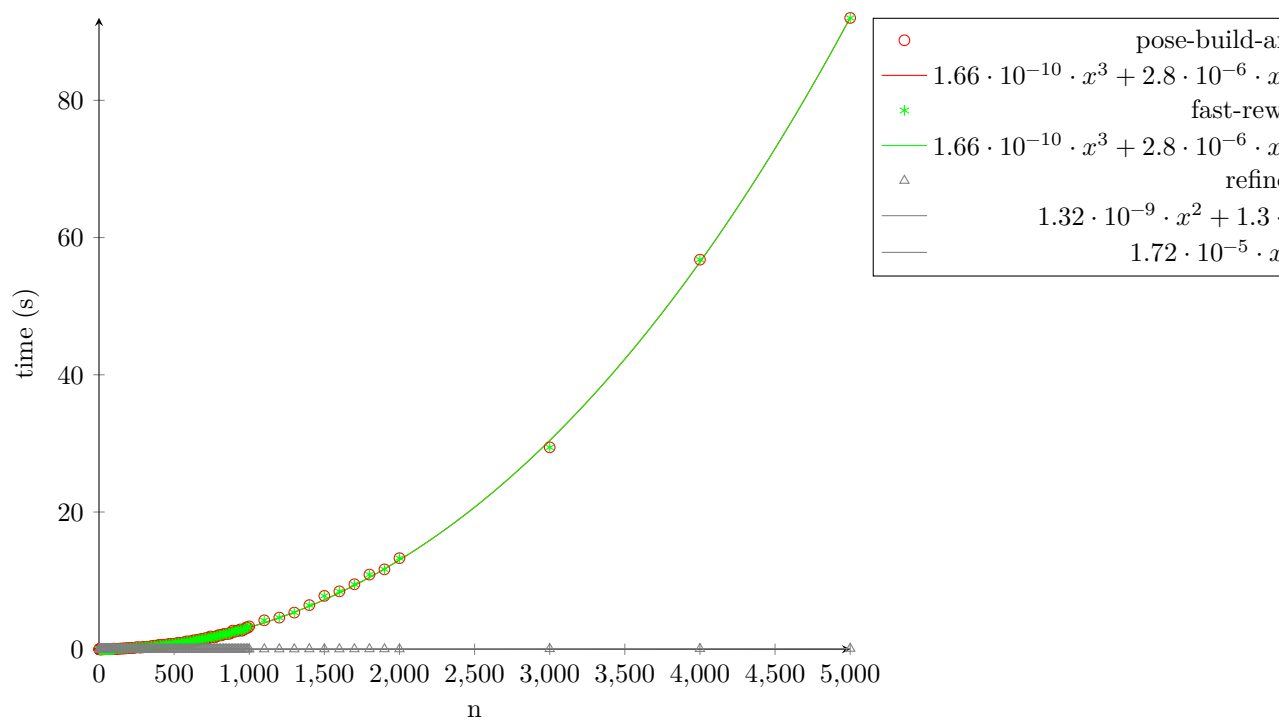Figure 11: timing-rewrite-repeated-app-fast-rewrite

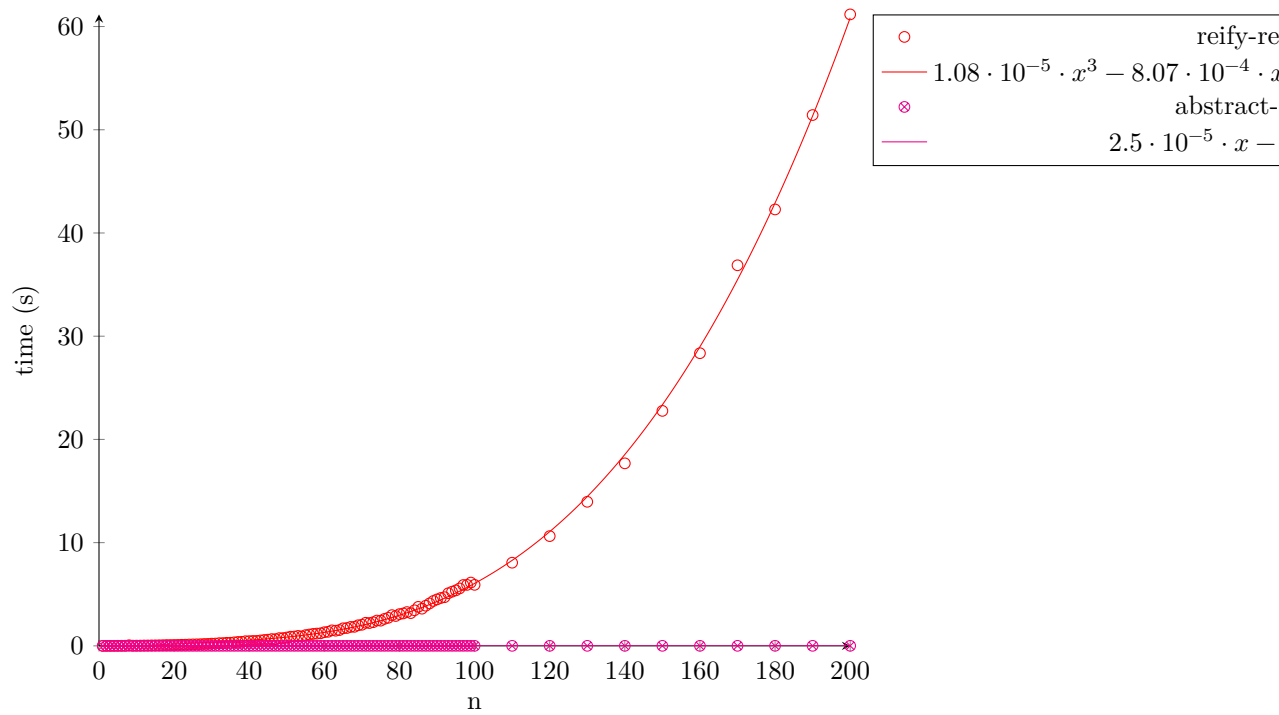Figure 12: timing-rewrite-repeated-app-fast-rewrite-no-abstract
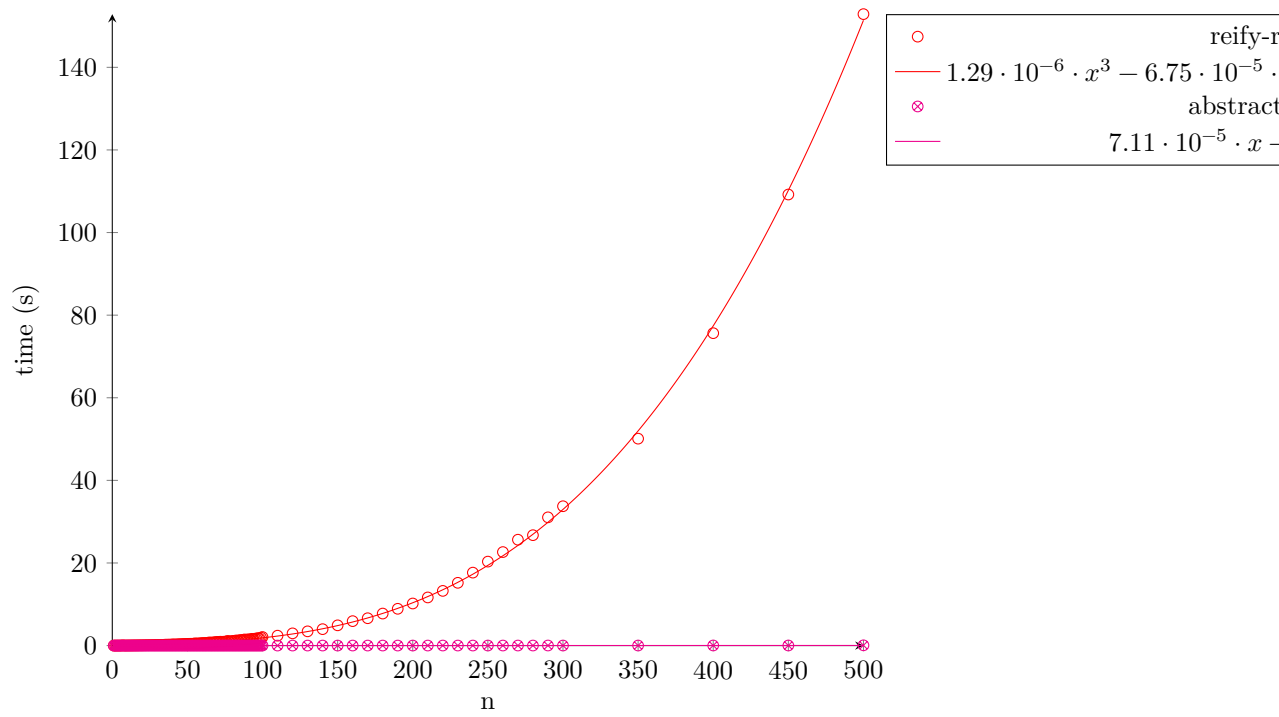
Figure 13: timing-typeclass-reification-let-in-HOAS

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