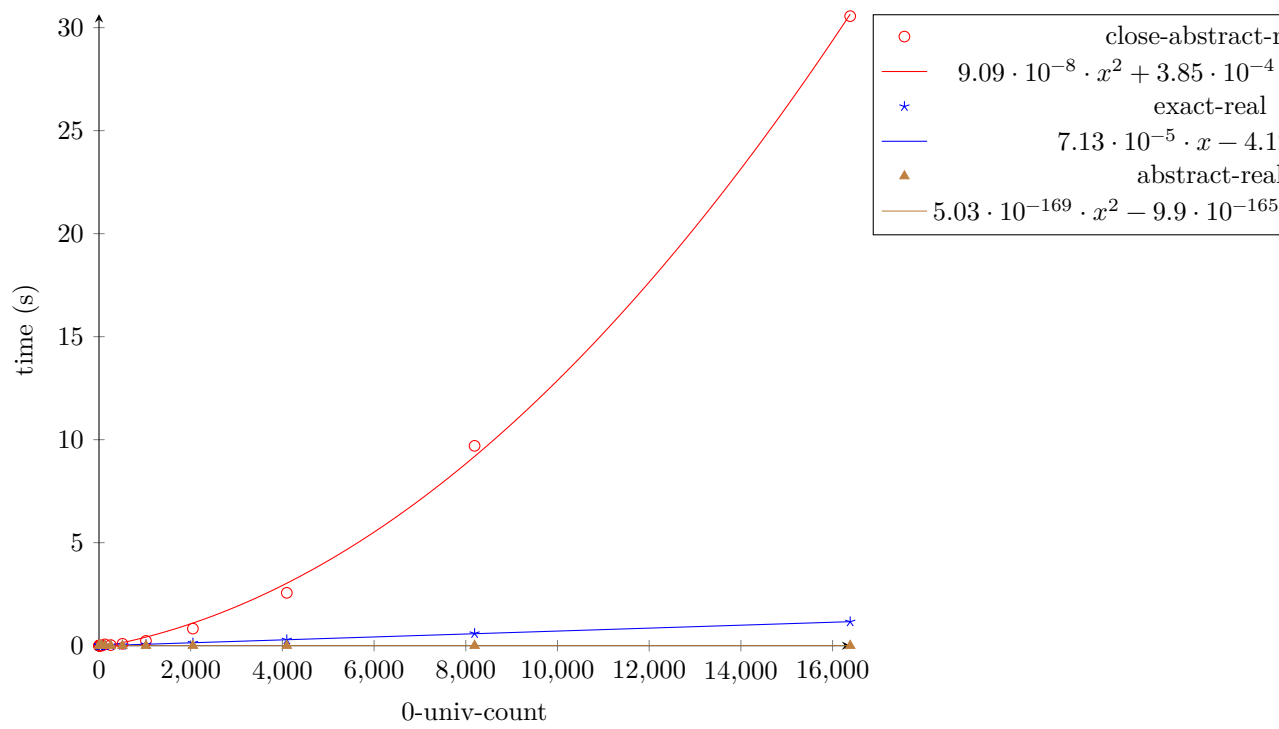Figure 1: timing-pattern

1

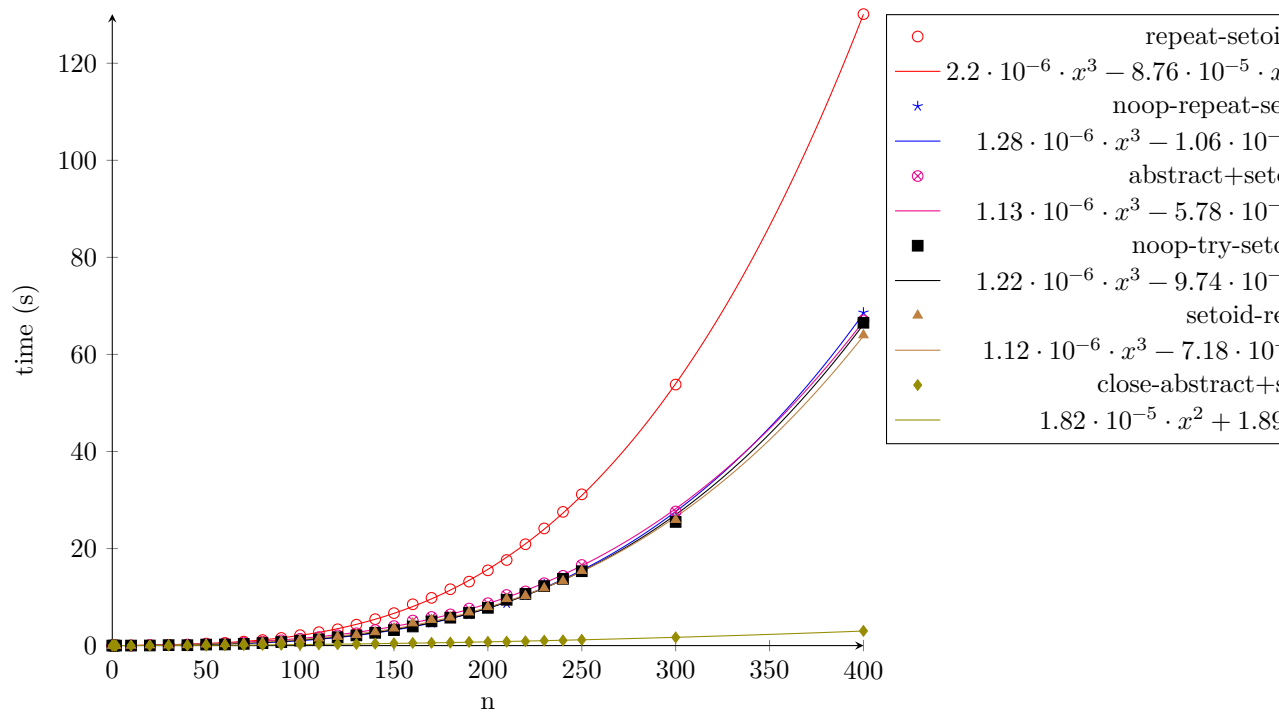Figure 2: timing-n-polymorphic-universes param-1-n 0

Figure 3: timing-repeat-setoid-rewrite-under-binders
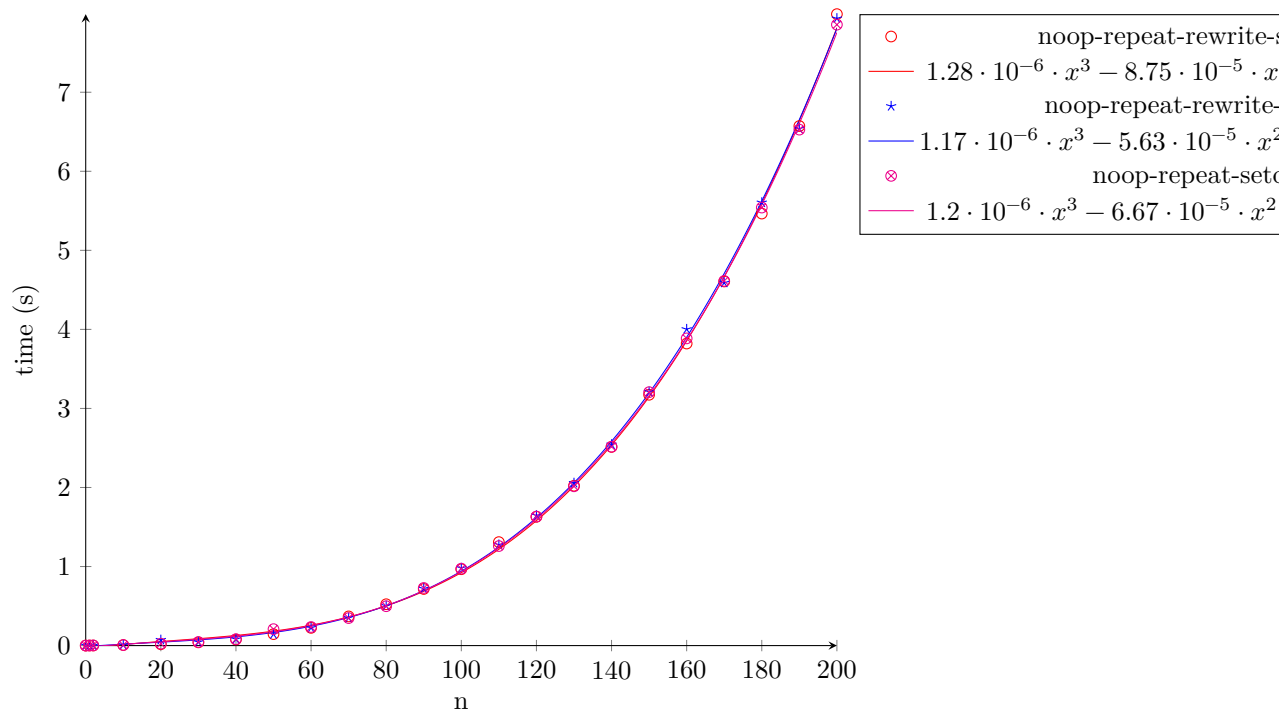
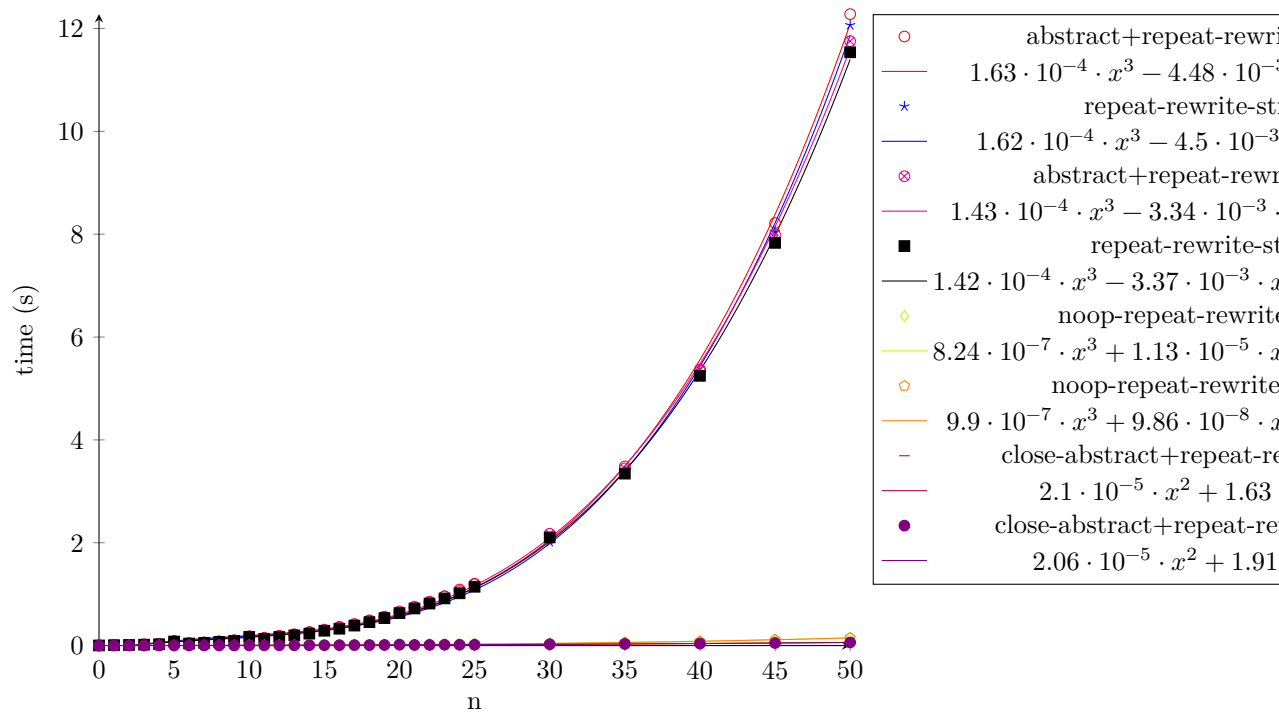Figure 4: timing-repeat-setoid-rewrite-under-binders-noop

4

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

Legend entries (partially cut off):

○ abstract+repeat-rewri...
— $1.63 \cdot 10^{-4} \cdot x^3 - 4.48 \cdot 10^{-3}$ ...
★ repeat-rewrite-st...
— $1.62 \cdot 10^{-4} \cdot x^3 - 4.5 \cdot 10^{-3}$ ...
⊗ abstract+repeat-rewr...
— $1.43 \cdot 10^{-4} \cdot x^3 - 3.34 \cdot 10^{-3}$ ...
■ repeat-rewrite-st...
— $1.42 \cdot 10^{-4} \cdot x^3 - 3.37 \cdot 10^{-3} \cdot x$ ...
◇ noop-repeat-rewrite...
— $8.24 \cdot 10^{-7} \cdot x^3 + 1.13 \cdot 10^{-5} \cdot x$ ...
⬠ noop-repeat-rewrite...
— $9.9 \cdot 10^{-7} \cdot x^3 + 9.86 \cdot 10^{-8} \cdot x$ ...
– close-abstract+repeat-re...
— $2.1 \cdot 10^{-5} \cdot x^2 + 1.63$ ...
● close-abstract+repeat-re...
— $2.06 \cdot 10^{-5} \cdot x^2 + 1.91$ ...
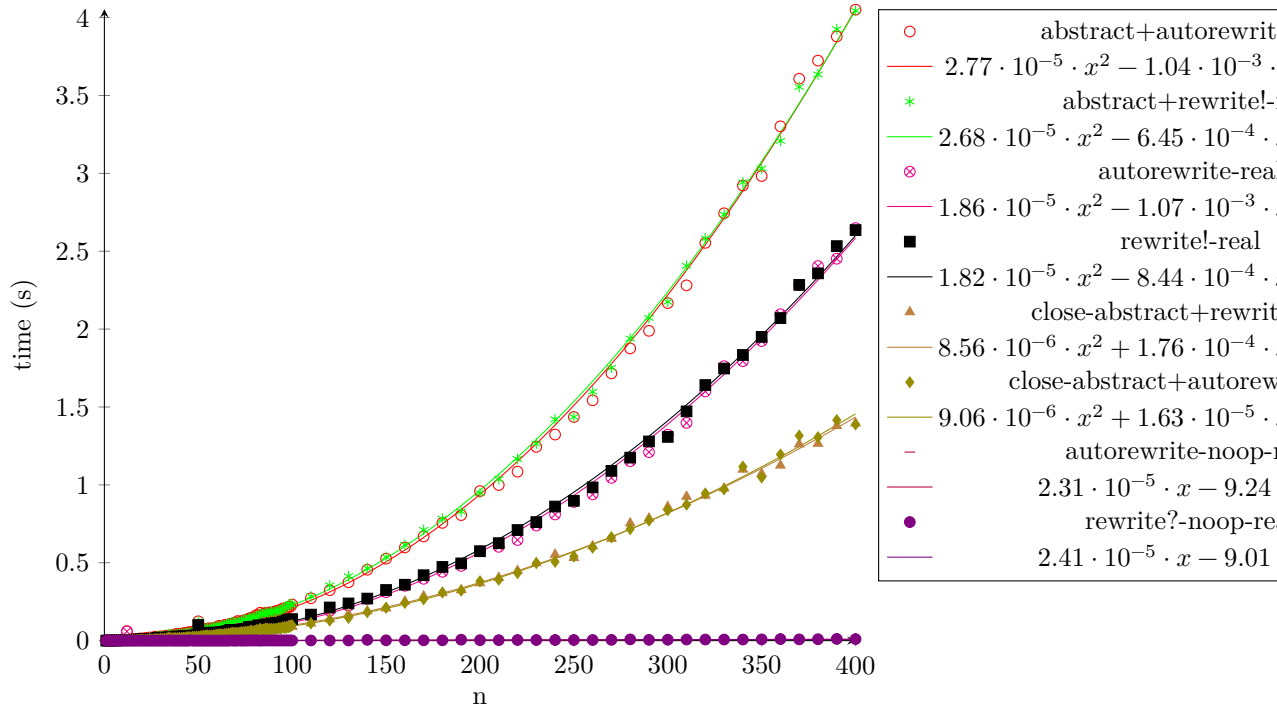
Axis labels: time (s), n

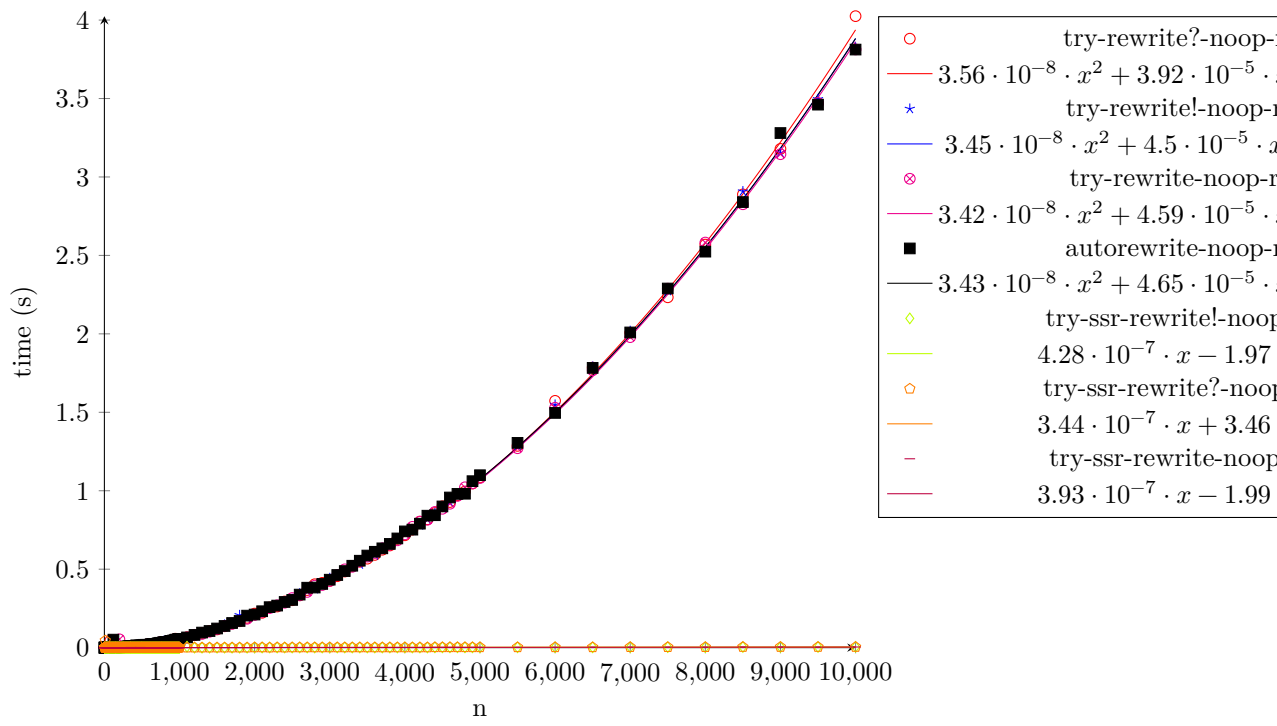Figure 6: timing-rewrite-repeated-app-autorewrite

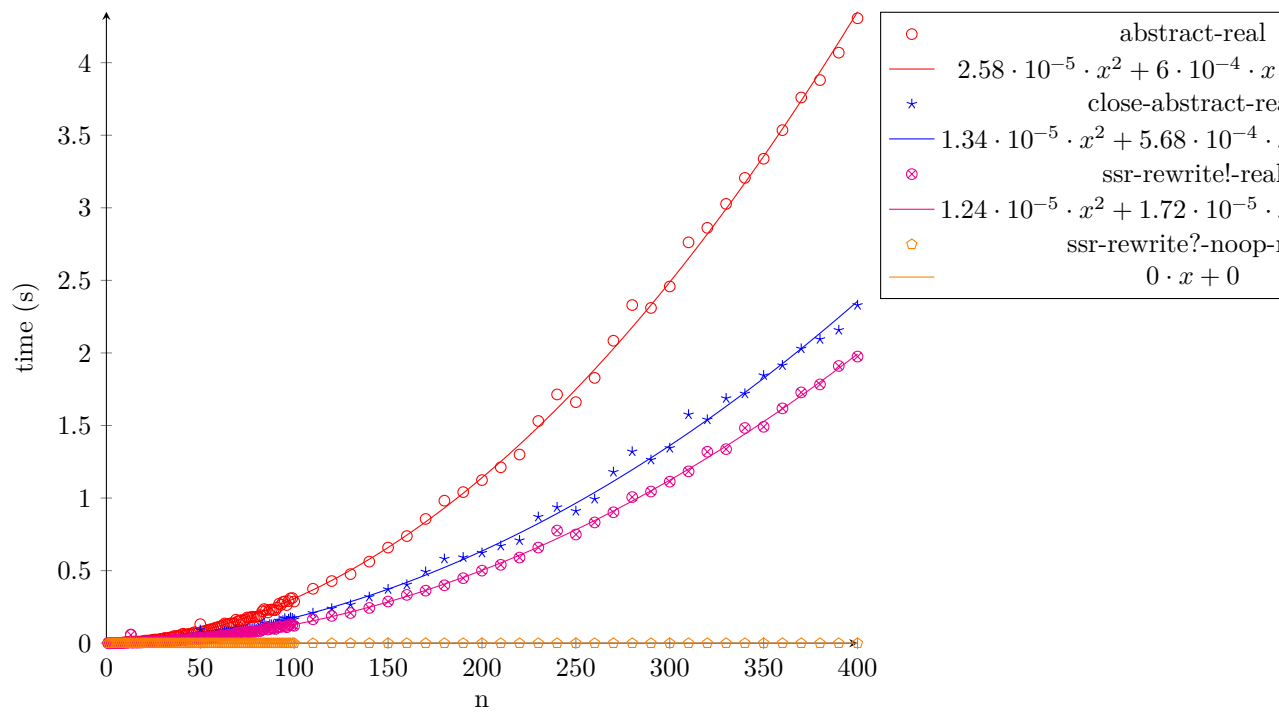Figure 7: timing-rewrite-repeated-app-autorewrite-noop
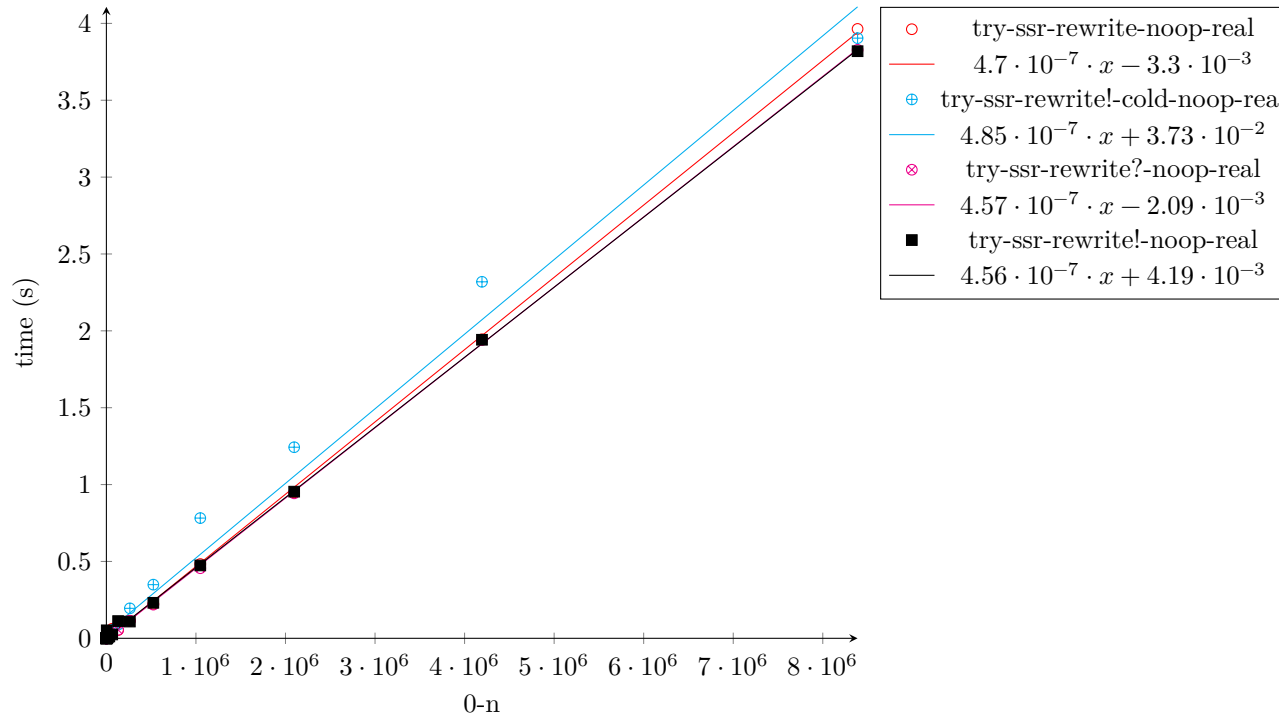
Figure 8: timing-rewrite-repeated-app-ssrrewrite

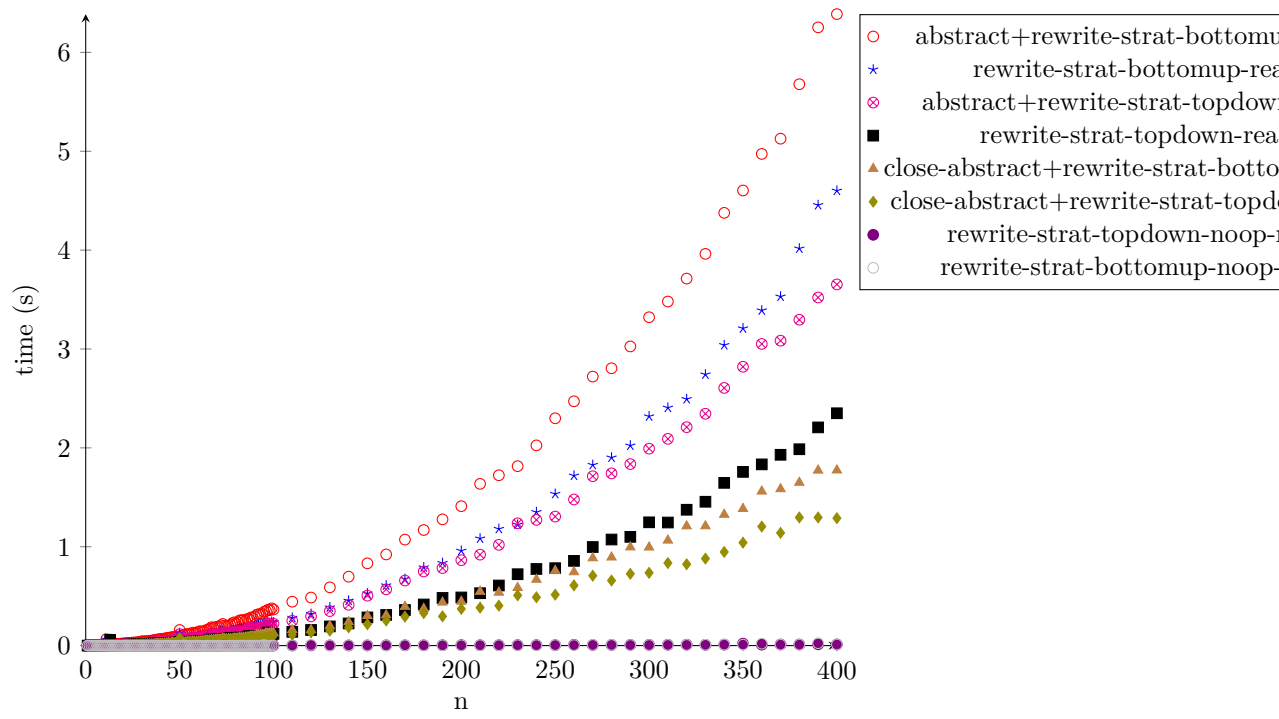Figure 9: timing-rewrite-repeated-app-ssrrewrite-noop param-1-lgn 1

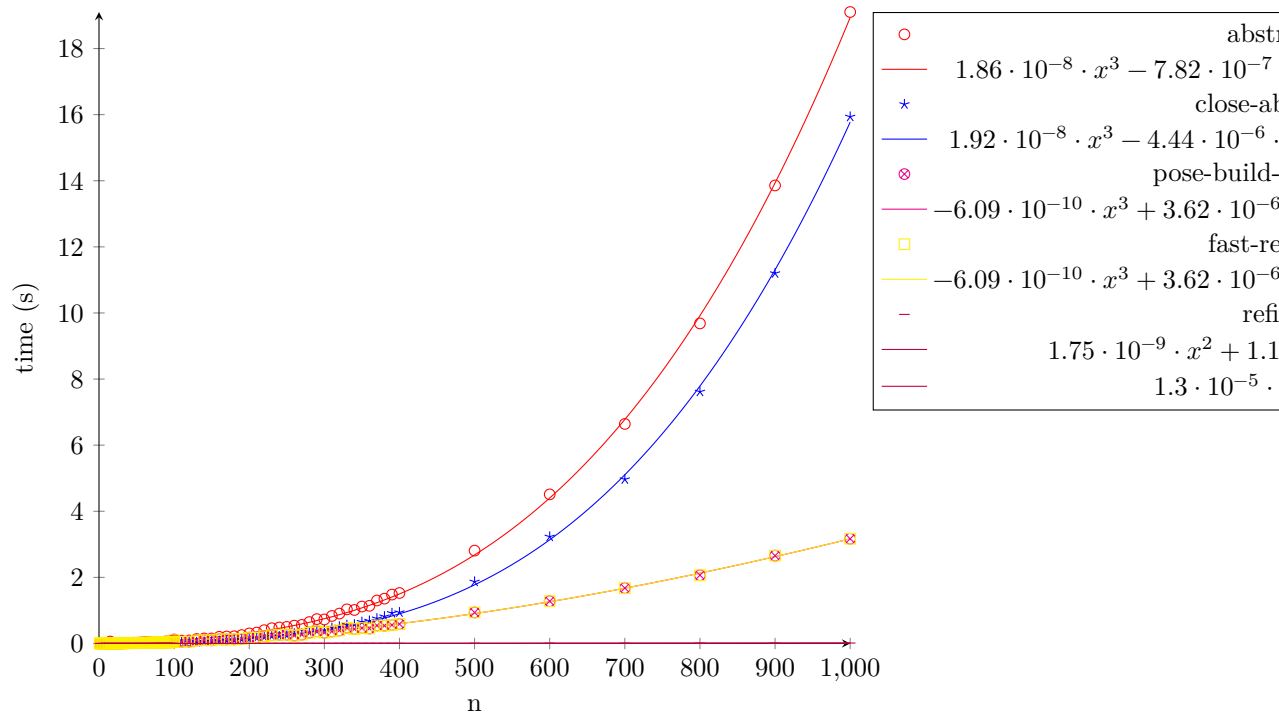Figure 10: timing-rewrite-repeated-app-rewrite-strat

10

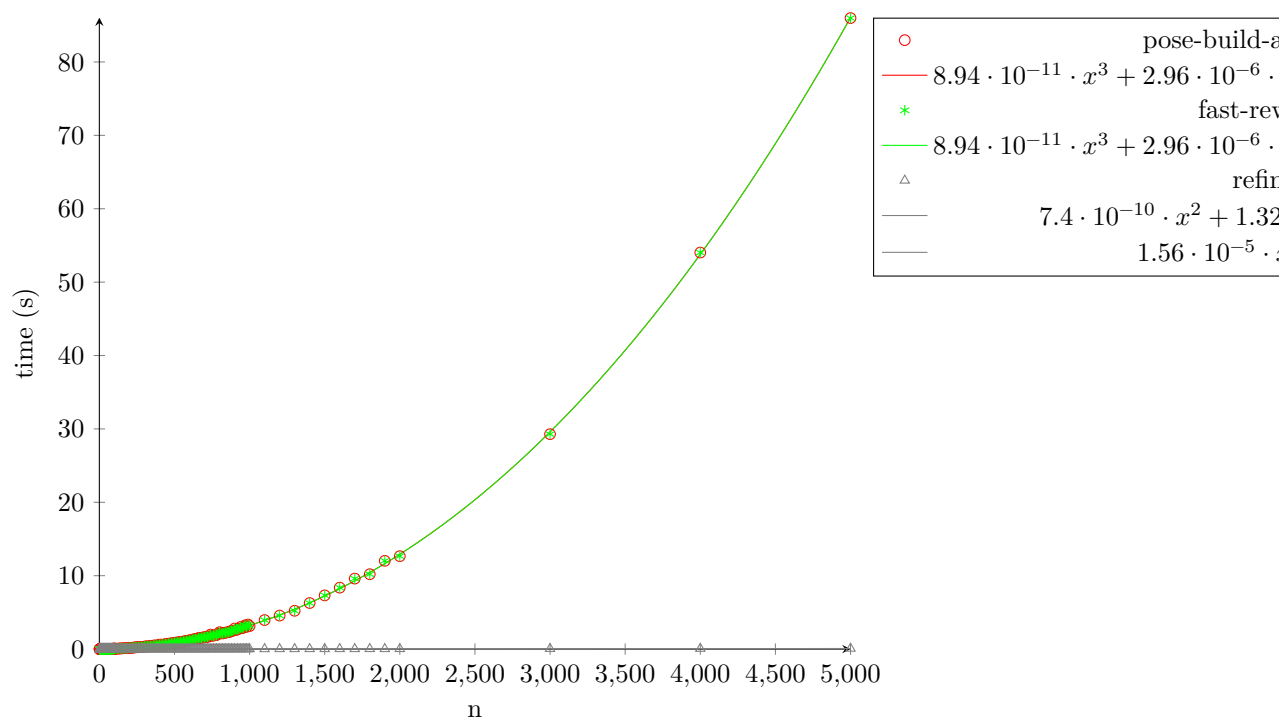Figure 11: timing-rewrite-repeated-app-fast-rewrite

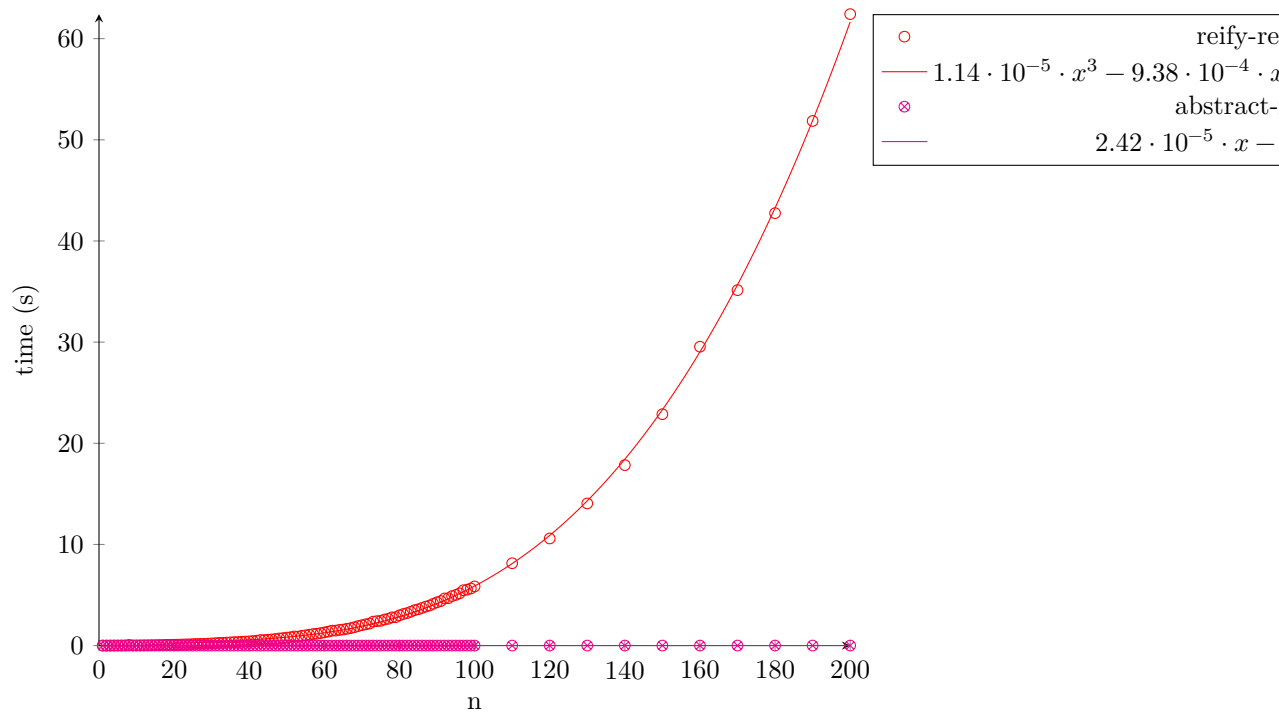Figure 12: timing-rewrite-repeated-app-fast-rewrite-no-abstract
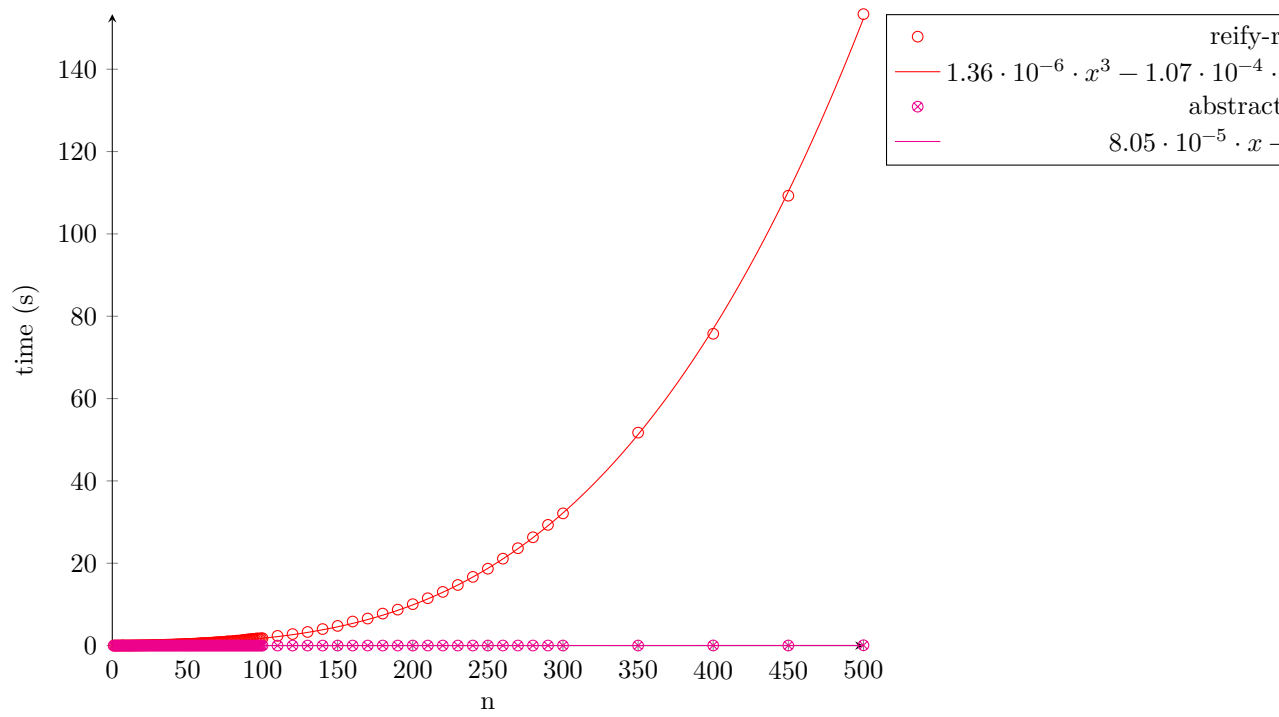
Figure 13: timing-typeclass-reification-let-in-HOAS

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