

Figure 1: timing-pattern

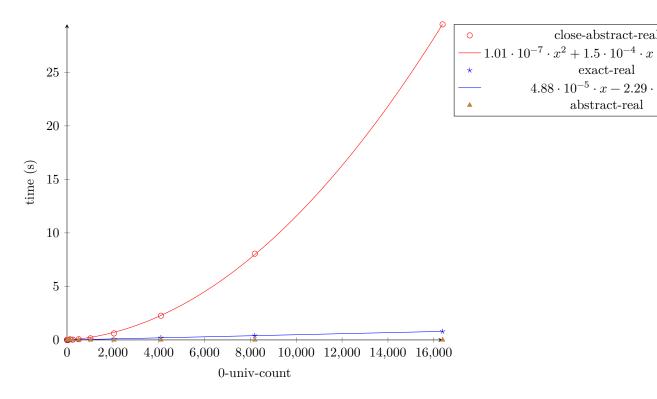
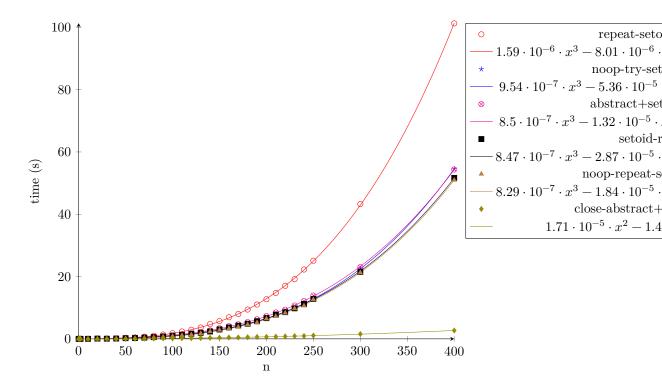
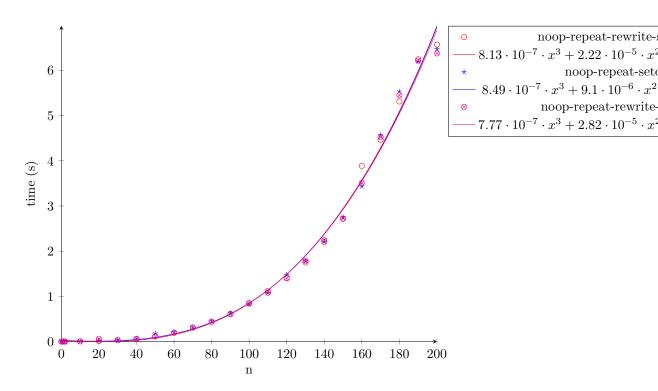


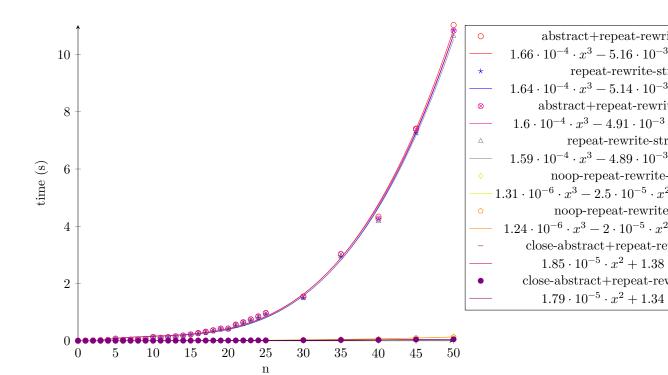
Figure 2: timing-n-polymorphic-universes param-1-n $\,0\,$



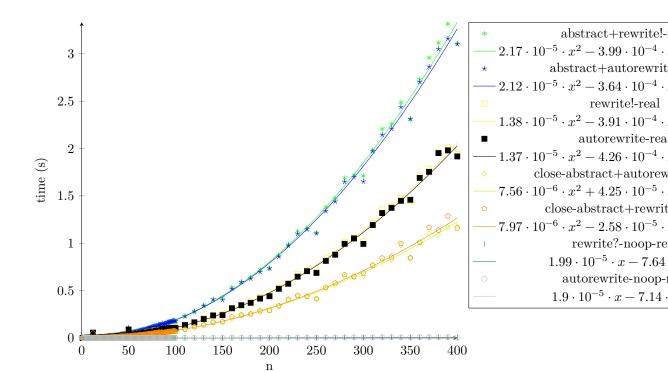
 $Figure \ 3: \ timing-repeat-setoid-rewrite-under-binders$



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



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



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

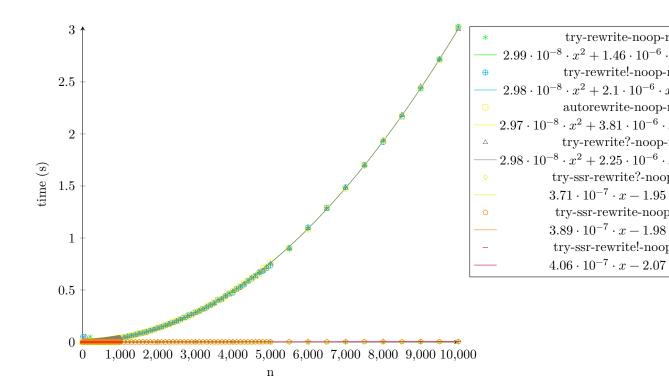
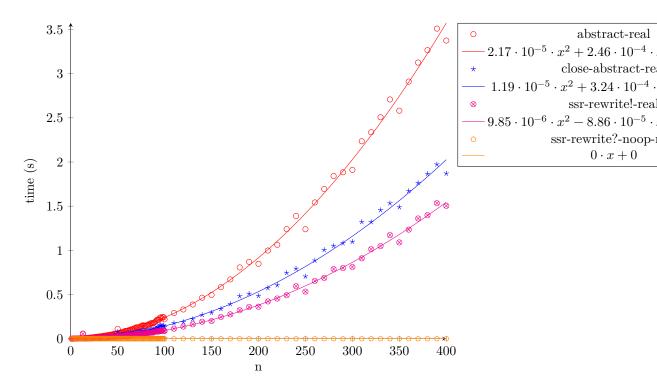
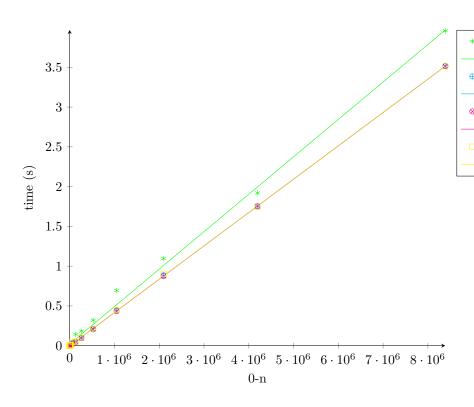


Figure 7: timing-rewrite-repeated-app-autorewrite-noop



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



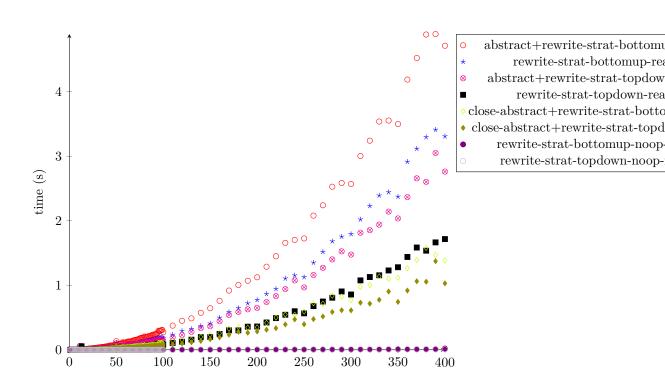
try-ssr-rewrite!-cold-noop-rea $4.71 \cdot 10^{-7} \cdot x + 2.18 \cdot 10^{-2}$

try-ssr-rewrite-noop-real $4.19\cdot 10^{-7}\cdot x - 9.12\cdot 10^{-4}$

 $\begin{array}{l} \text{try-ssr-rewrite!-noop-real} \\ 4.19 \cdot 10^{-7} \cdot x - 2.42 \cdot 10^{-3} \\ \text{try-ssr-rewrite?-noop-real} \end{array}$

 $4.19\cdot 10^{-7}\cdot x + 2.38\cdot 10^{-4}$

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



 $Figure~10:~timing\mbox{-rewrite-repeated-app-rewrite-strat}$

n

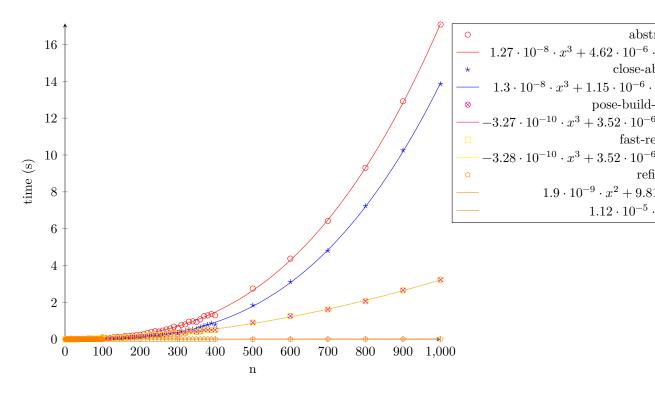
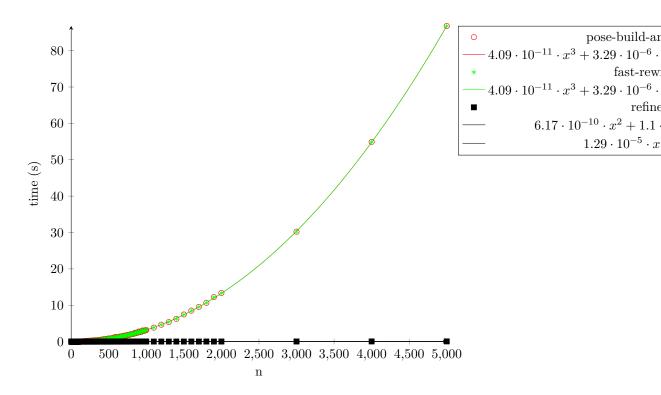


Figure 11: timing-rewrite-repeated-app-fast-rewrite



Figure~12:~timing-rewrite-repeated-app-fast-rewrite-no-abstract