

Figure 1: timing-pattern

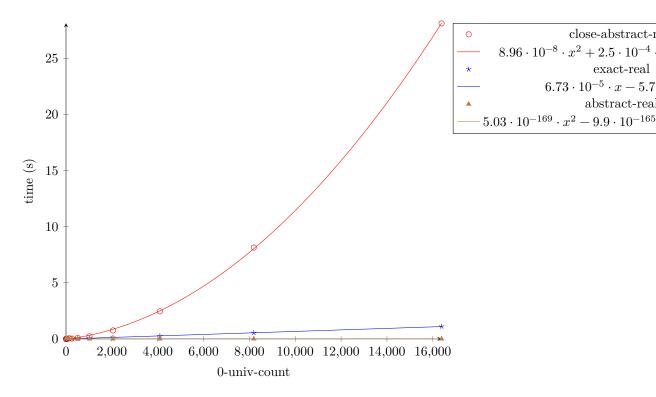
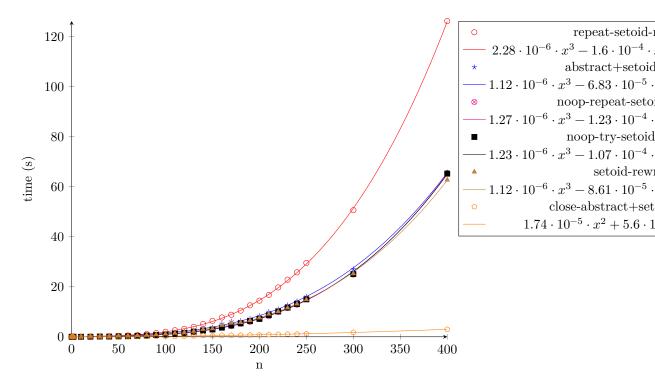
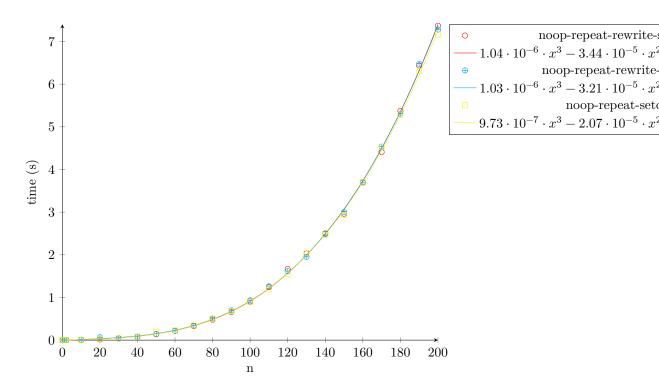


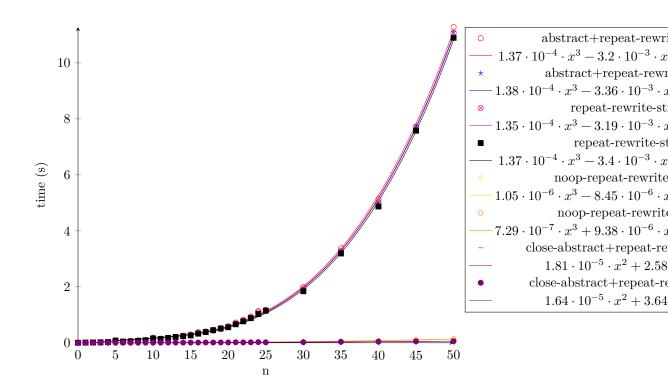
Figure 2: timing-n-polymorphic-universes param-1-n $\,0\,$



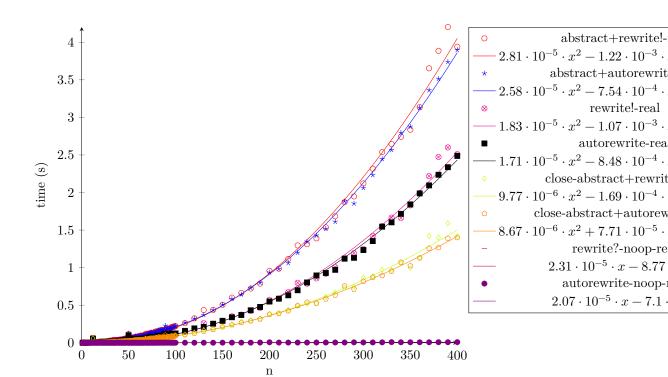
 $Figure \ 3: \ timing-repeat-setoid-rewrite-under-binders$



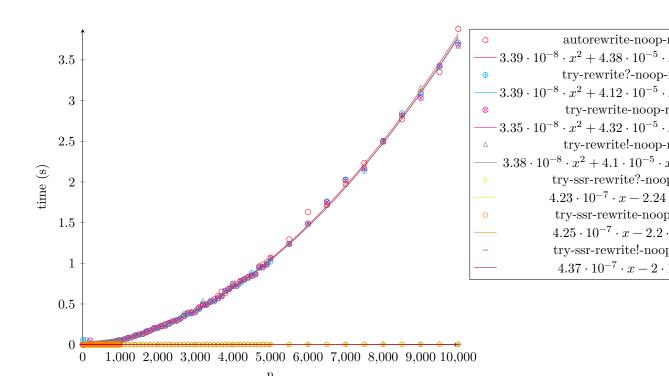
 $Figure\ 4:\ timing-repeat-setoid-rewrite-under-binders-noop$



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



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



 $Figure~7:~timing\mbox{-rewrite-repeated-app-autorewrite-noop}$

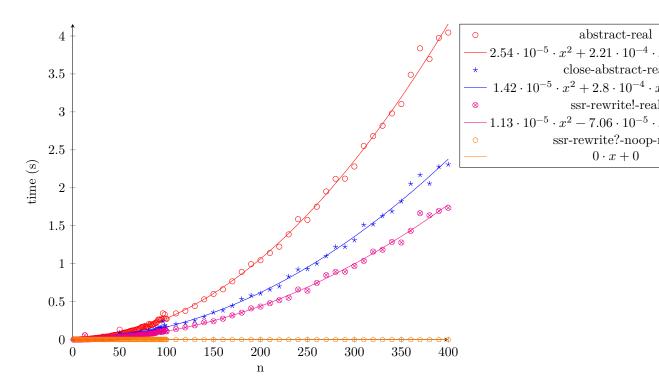
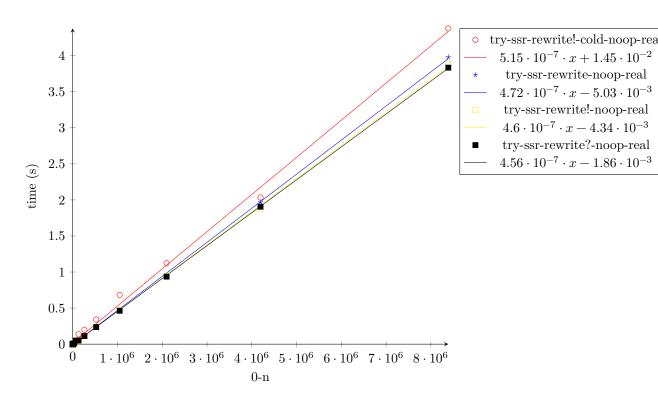


Figure 8: timing-rewrite-repeated-app-ssrrewrite



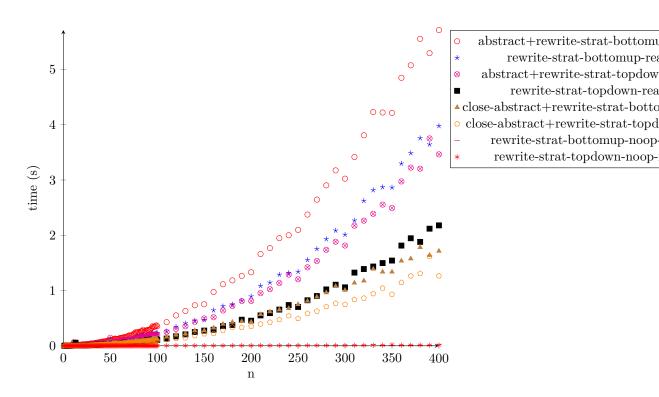
 $5.15 \cdot 10^{-7} \cdot x + 1.45 \cdot 10^{-2}$

try-ssr-rewrite-noop-real $4.72 \cdot 10^{-7} \cdot x - 5.03 \cdot 10^{-3}$

try-ssr-rewrite!-noop-real $4.6\cdot 10^{-7}\cdot x - 4.34\cdot 10^{-3}$

try-ssr-rewrite?-noop-real $4.56\cdot 10^{-7}\cdot x - 1.86\cdot 10^{-3}$

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



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

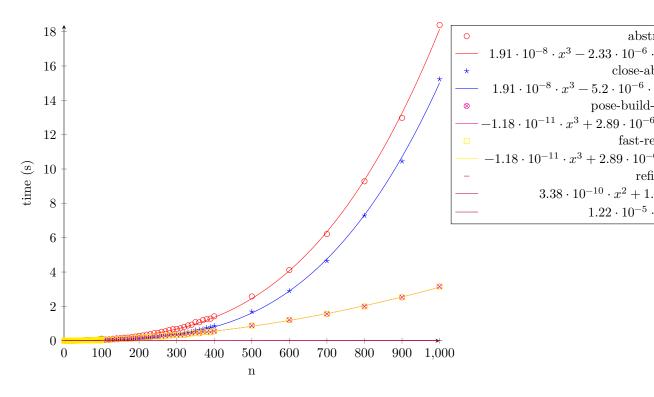
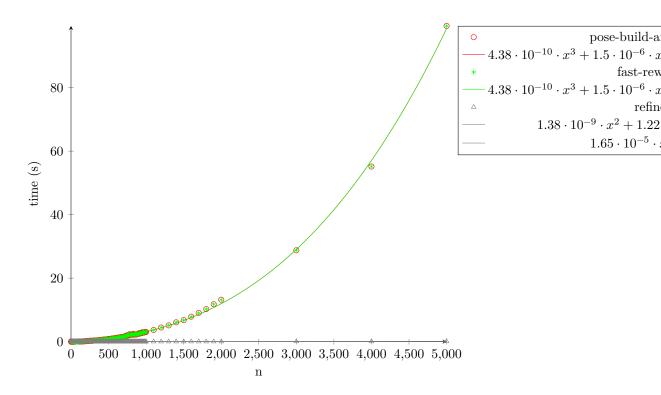


Figure 11: timing-rewrite-repeated-app-fast-rewrite



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