

Figure 1: timing-pattern

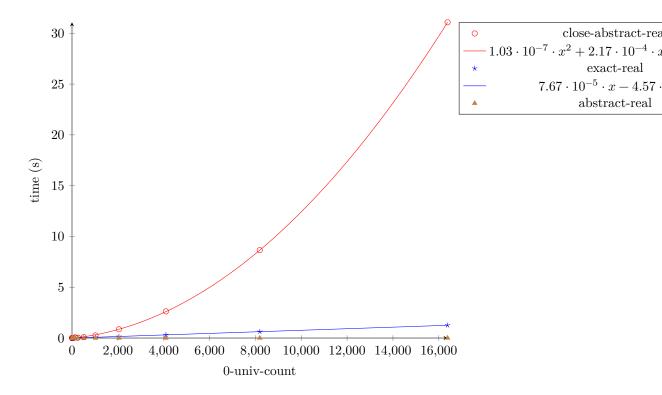
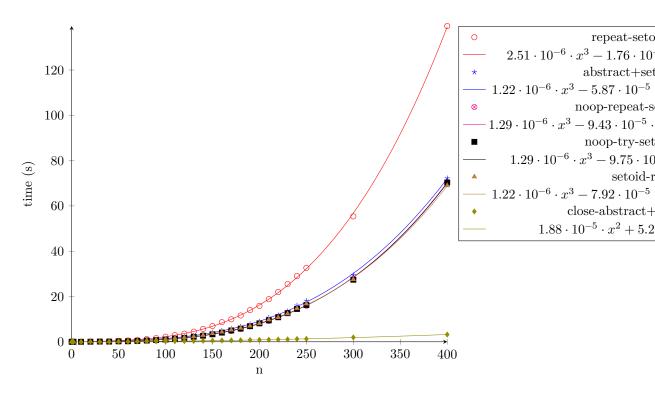


Figure 2: timing-n-polymorphic-universes param-1-n 0



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

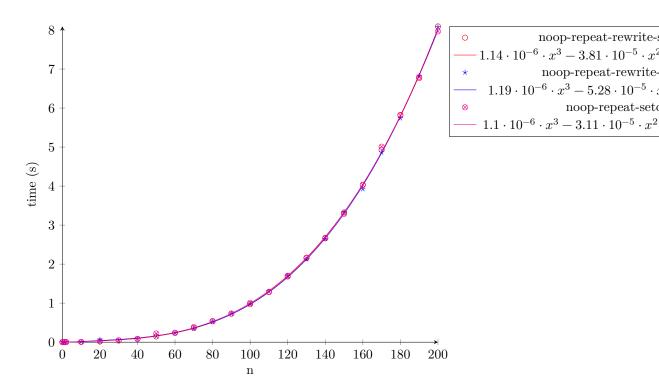


Figure 4: timing-repeat-setoid-rewrite-under-binders-noop

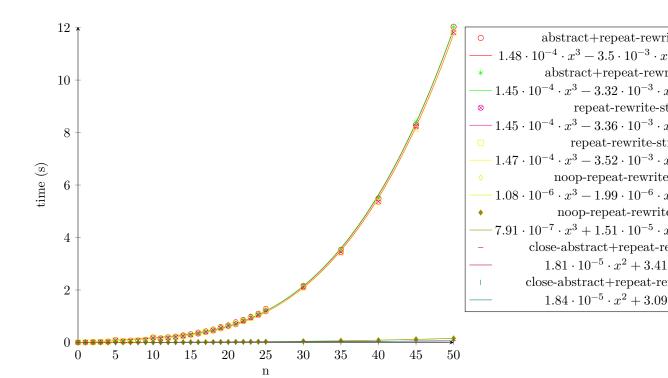
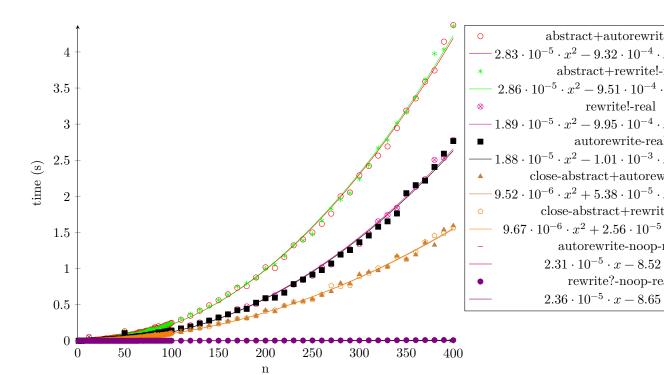


Figure 5: timing-rewrite-strat-under-binders



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

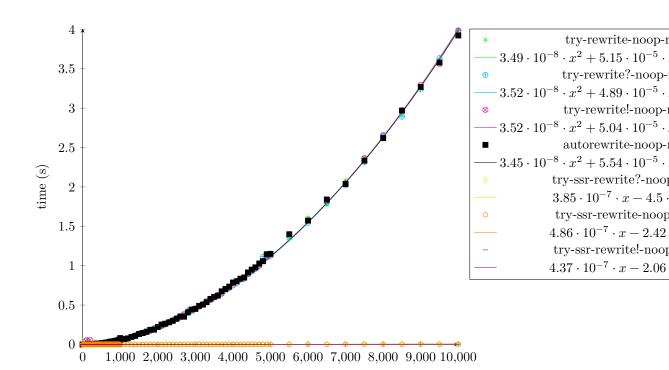


Figure 7: timing-rewrite-repeated-app-autorewrite-noop

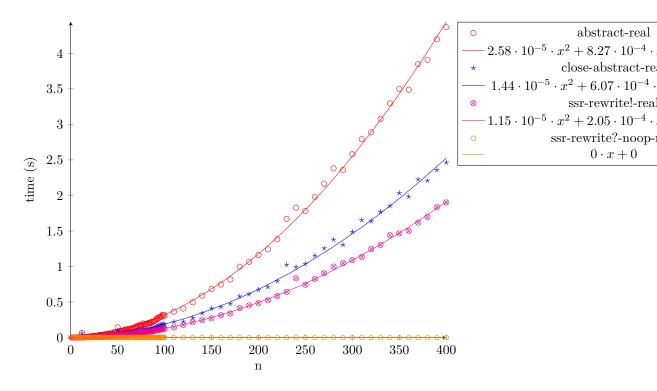
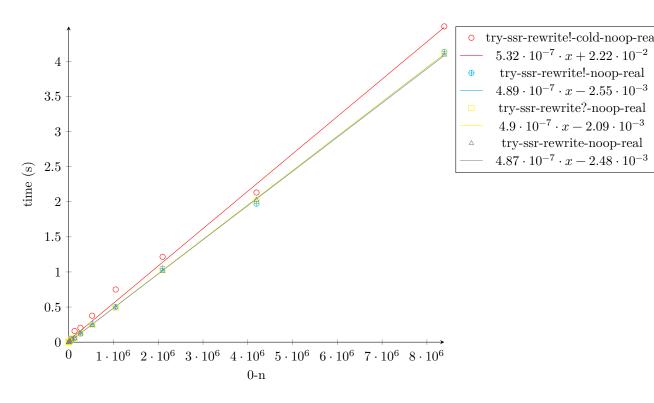


Figure 8: timing-rewrite-repeated-app-ssrrewrite



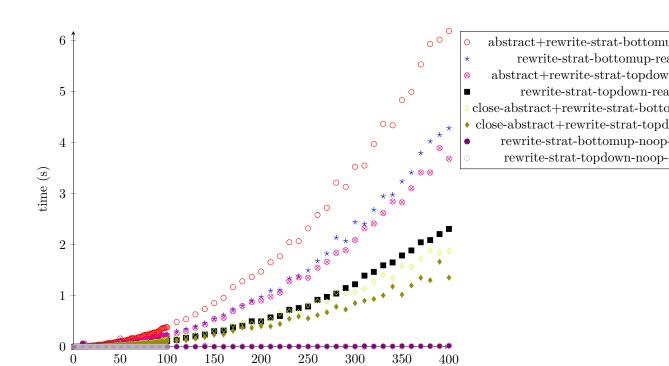
 $5.32 \cdot 10^{-7} \cdot x + 2.22 \cdot 10^{-2}$

try-ssr-rewrite!-noop-real $4.89\cdot 10^{-7}\cdot x - 2.55\cdot 10^{-3}$

try-ssr-rewrite?-noop-real $4.9\cdot 10^{-7}\cdot x - 2.09\cdot 10^{-3}$

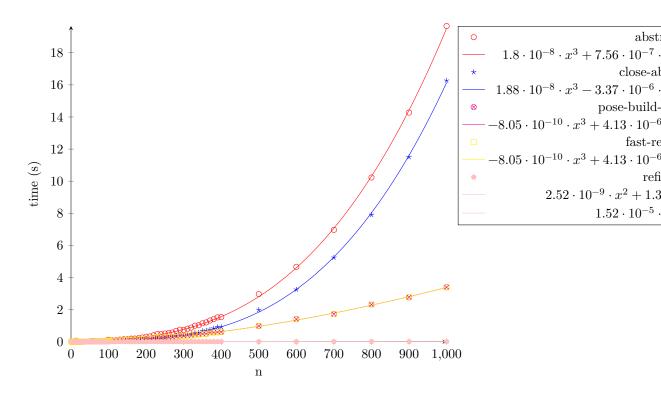
try-ssr-rewrite-noop-real $4.87 \cdot 10^{-7} \cdot x - 2.48 \cdot 10^{-3}$

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

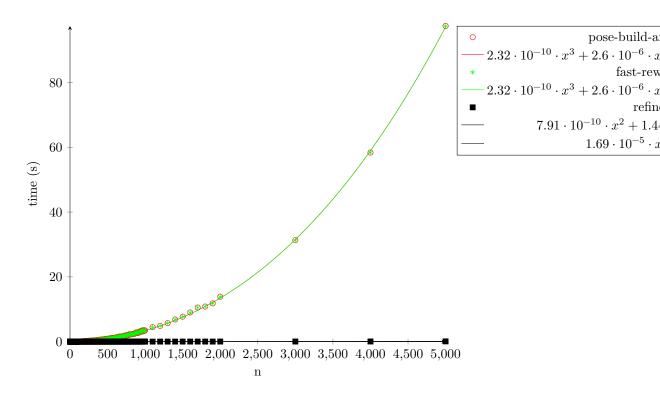


 $Figure~10:~timing\mbox{-rewrite-repeated-app-rewrite-strat}$

n



 $Figure~11:~timing\mbox{-rewrite-repeated-app-fast-rewrite}$



 $Figure~12:~timing\mbox{-rewrite-repeated-app-fast-rewrite-no-abstract}$