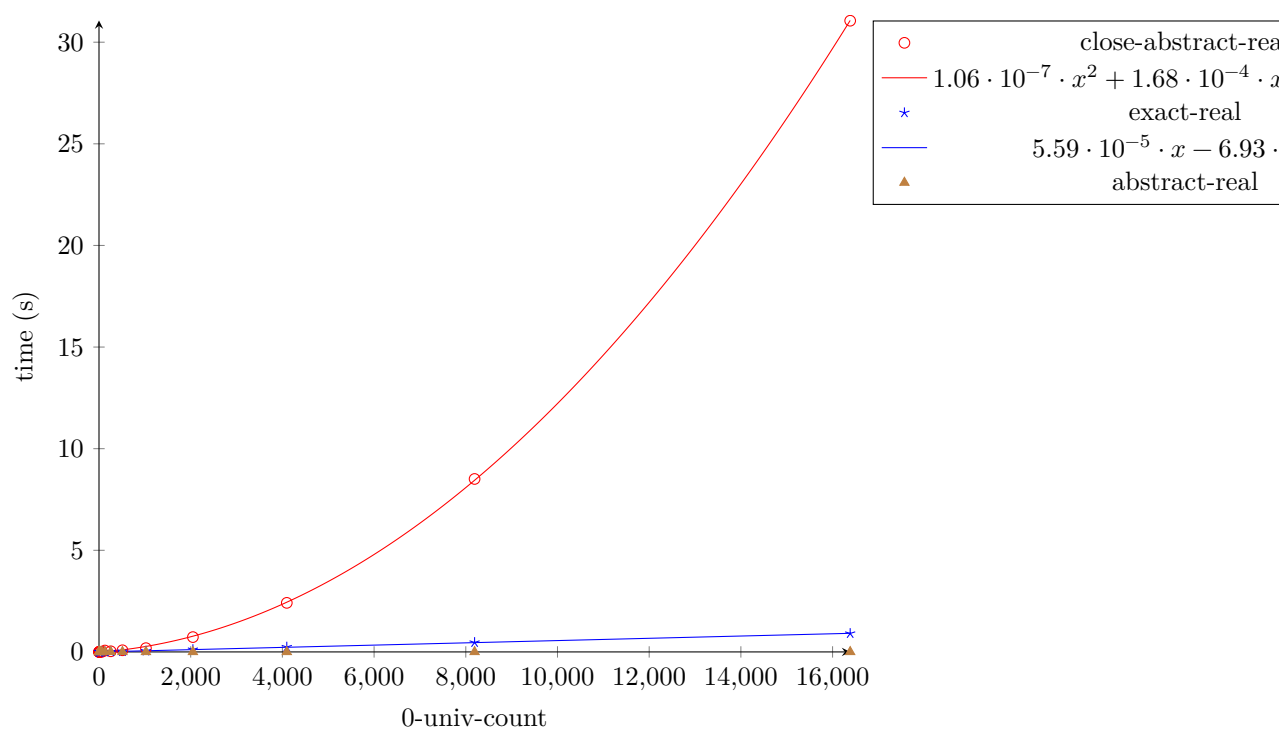Figure 1: timing-pattern

1

Figure 2: timing-n-polymorphic-universes param-1-n 0
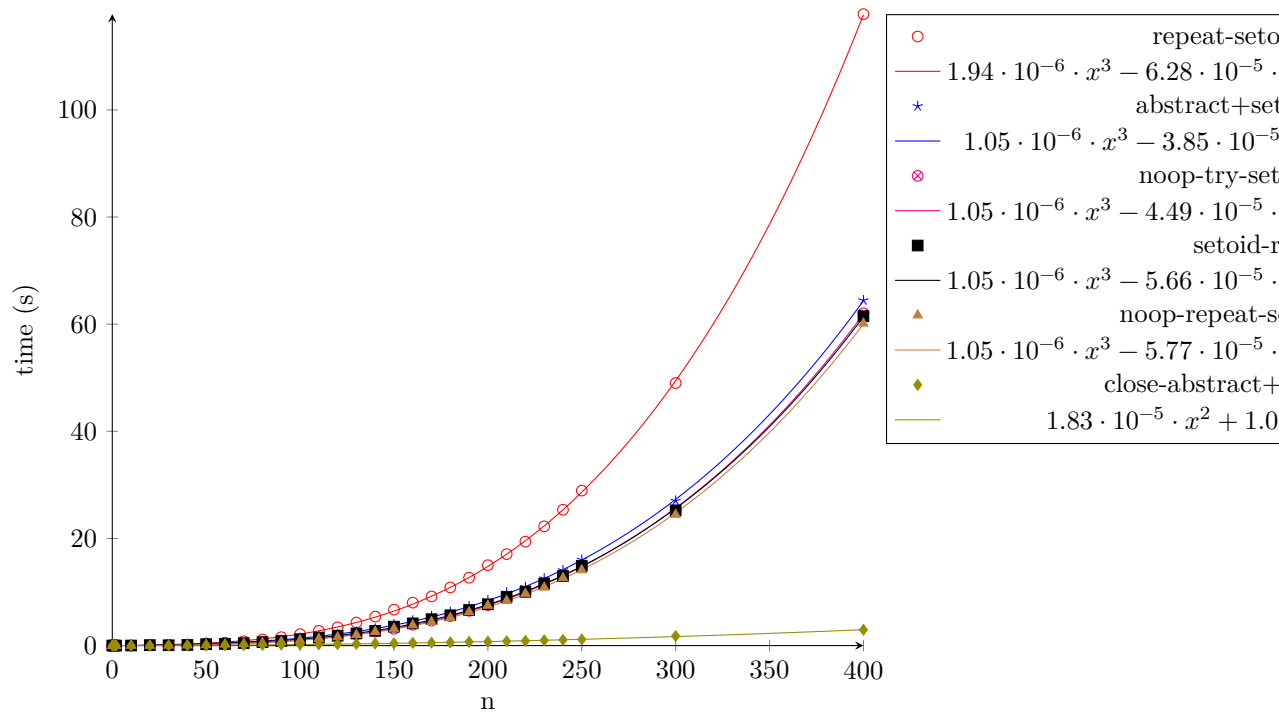
Figure 3: timing-repeat-setoid-rewrite-under-binders
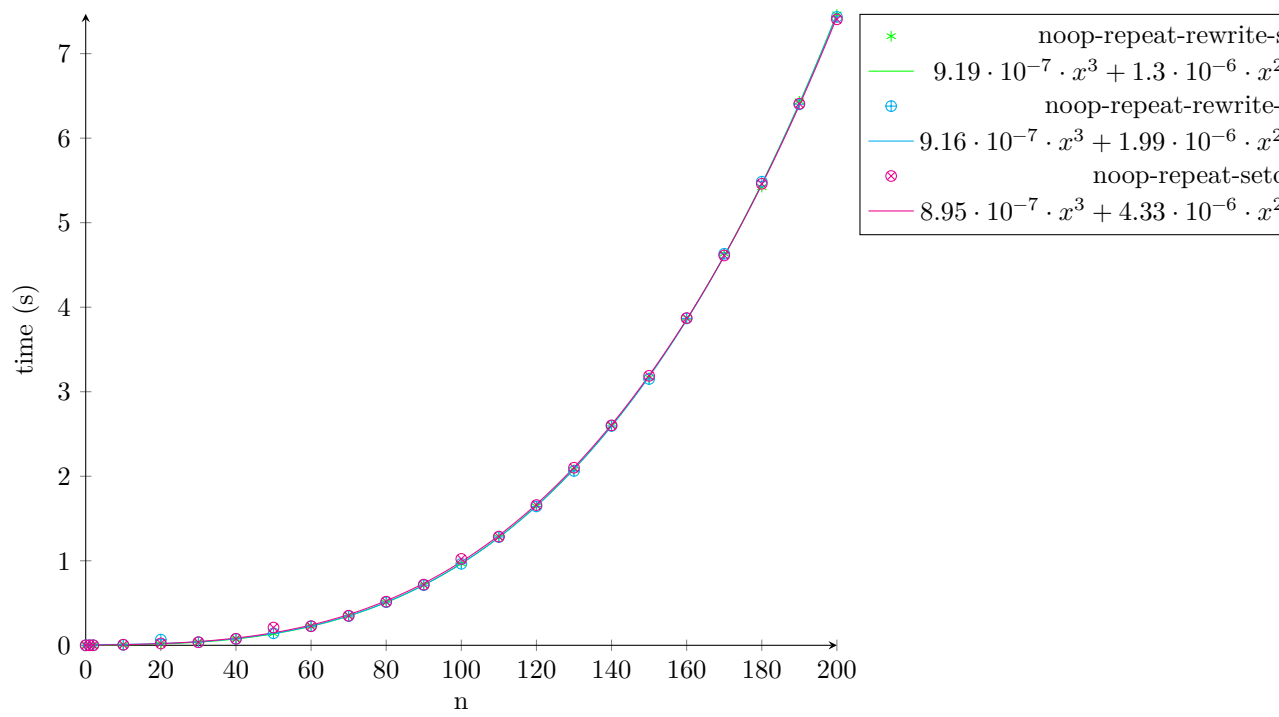
3

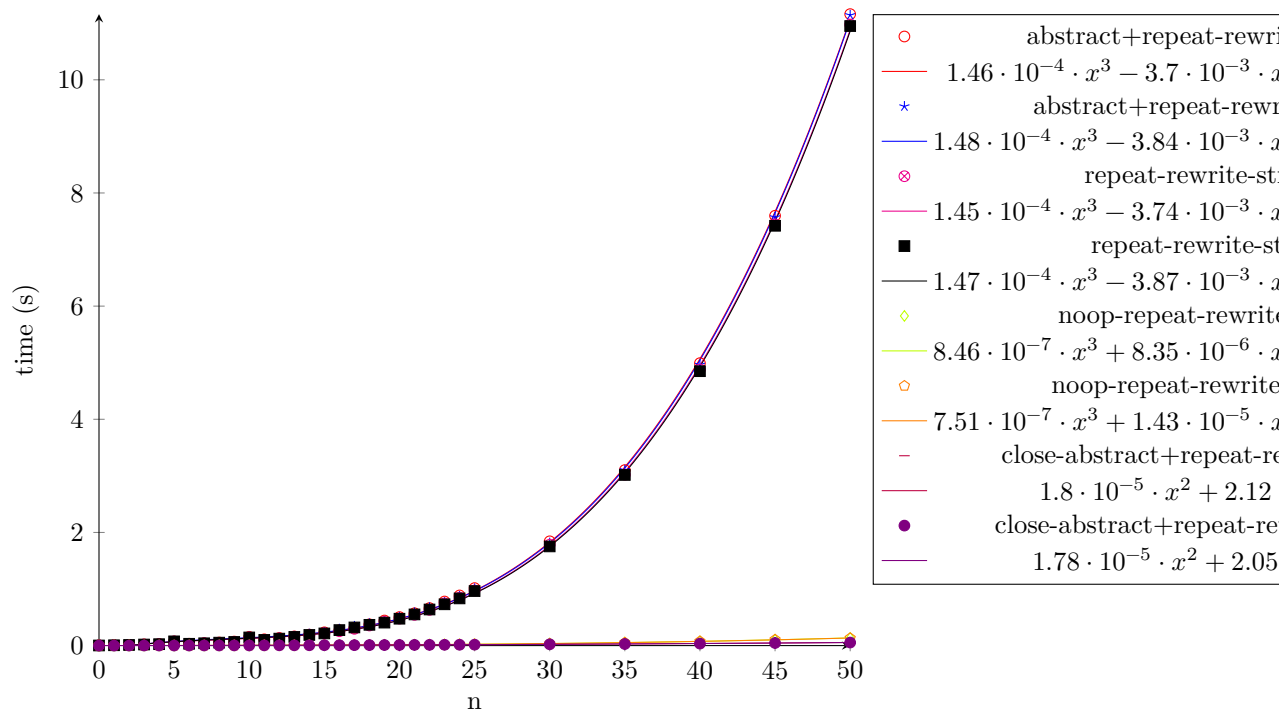Figure 4: timing-repeat-setoid-rewrite-under-binders-noop

4

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

The figure shows a plot with x-axis labeled "n" (ranging from 0 to 50) and y-axis labeled "time (s)" (ranging from 0 to about 10). The legend (partially cut off) contains:

- abstract+repeat-rewri... $\quad 1.46 \cdot 10^{-4} \cdot x^3 - 3.7 \cdot 10^{-3} \cdot x$ ...
- abstract+repeat-rewr... $\quad 1.48 \cdot 10^{-4} \cdot x^3 - 3.84 \cdot 10^{-3} \cdot x$ ...
- repeat-rewrite-st... $\quad 1.45 \cdot 10^{-4} \cdot x^3 - 3.74 \cdot 10^{-3} \cdot x$ ...
- repeat-rewrite-st... $\quad 1.47 \cdot 10^{-4} \cdot x^3 - 3.87 \cdot 10^{-3} \cdot x$ ...
- noop-repeat-rewrit... $\quad 8.46 \cdot 10^{-7} \cdot x^3 + 8.35 \cdot 10^{-6} \cdot x$ ...
- noop-repeat-rewrite... $\quad 7.51 \cdot 10^{-7} \cdot x^3 + 1.43 \cdot 10^{-5} \cdot x$ ...
- close-abstract+repeat-re... $\quad 1.8 \cdot 10^{-5} \cdot x^2 + 2.12$ ...
- close-abstract+repeat-re... $\quad 1.78 \cdot 10^{-5} \cdot x^2 + 2.05$ ...
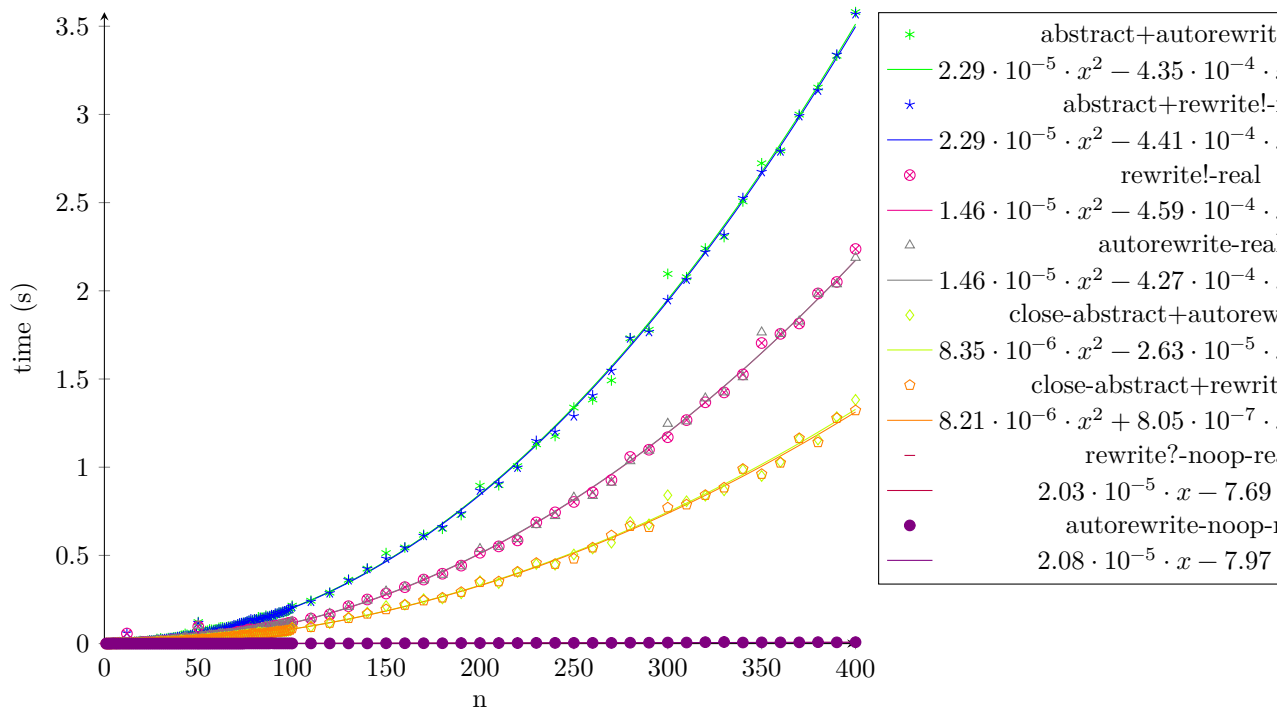
5

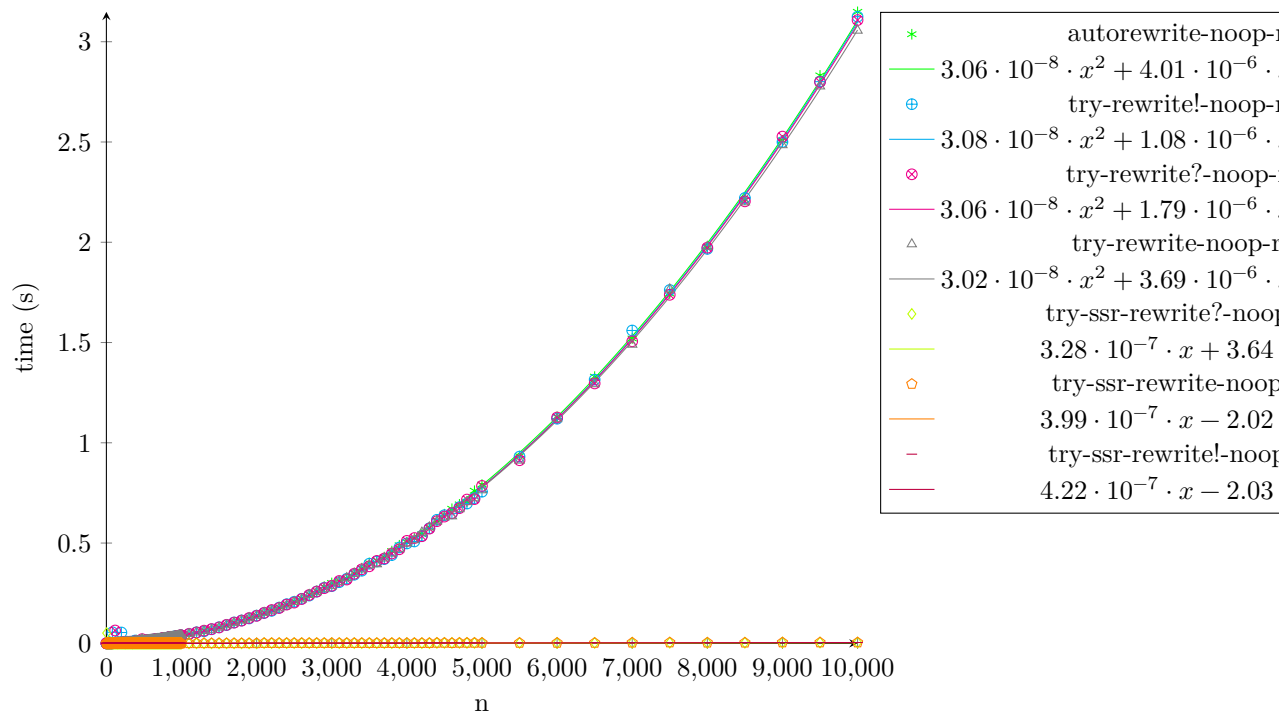Figure 6: timing-rewrite-repeated-app-autorewrite

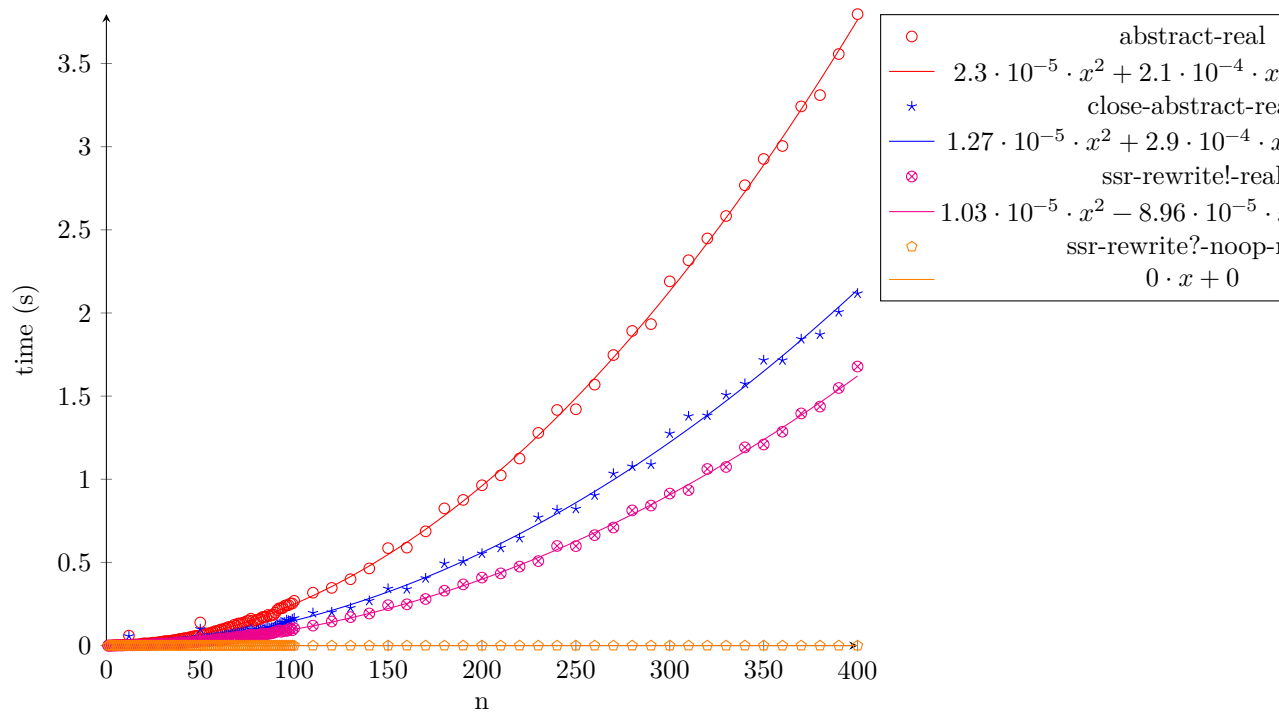Figure 7: timing-rewrite-repeated-app-autorewrite-noop

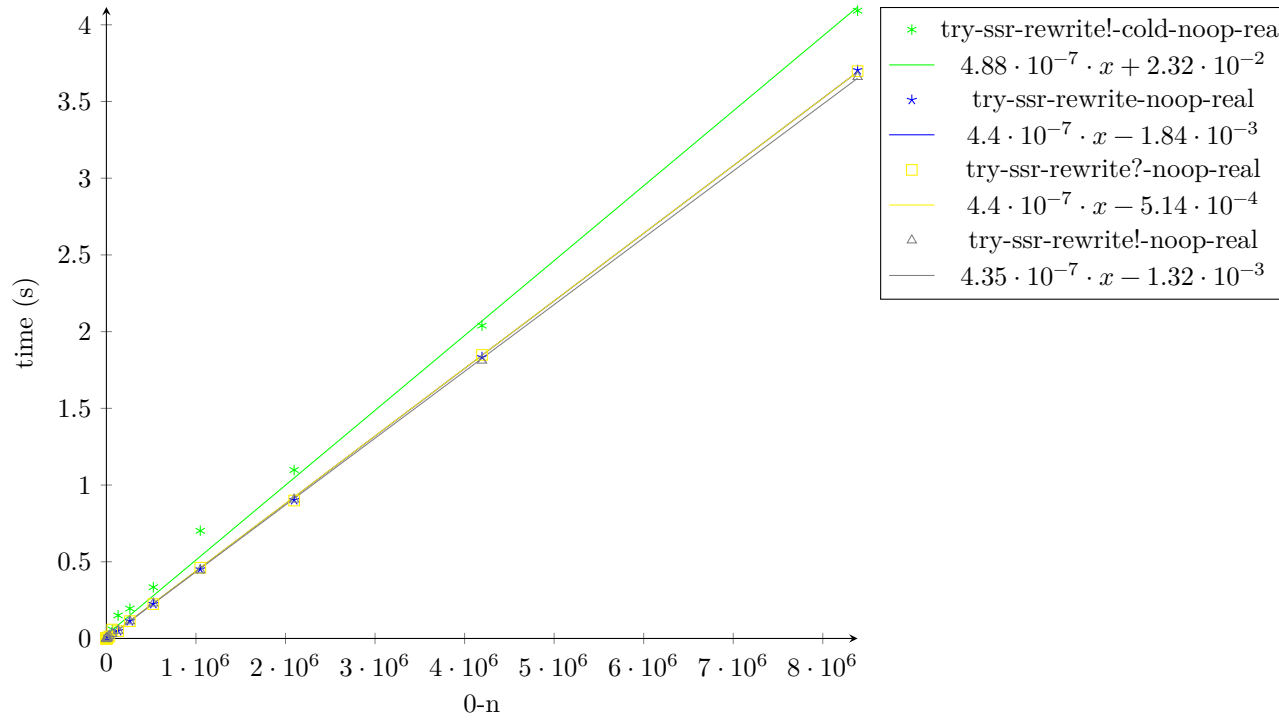Figure 8: timing-rewrite-repeated-app-ssrrewrite

8

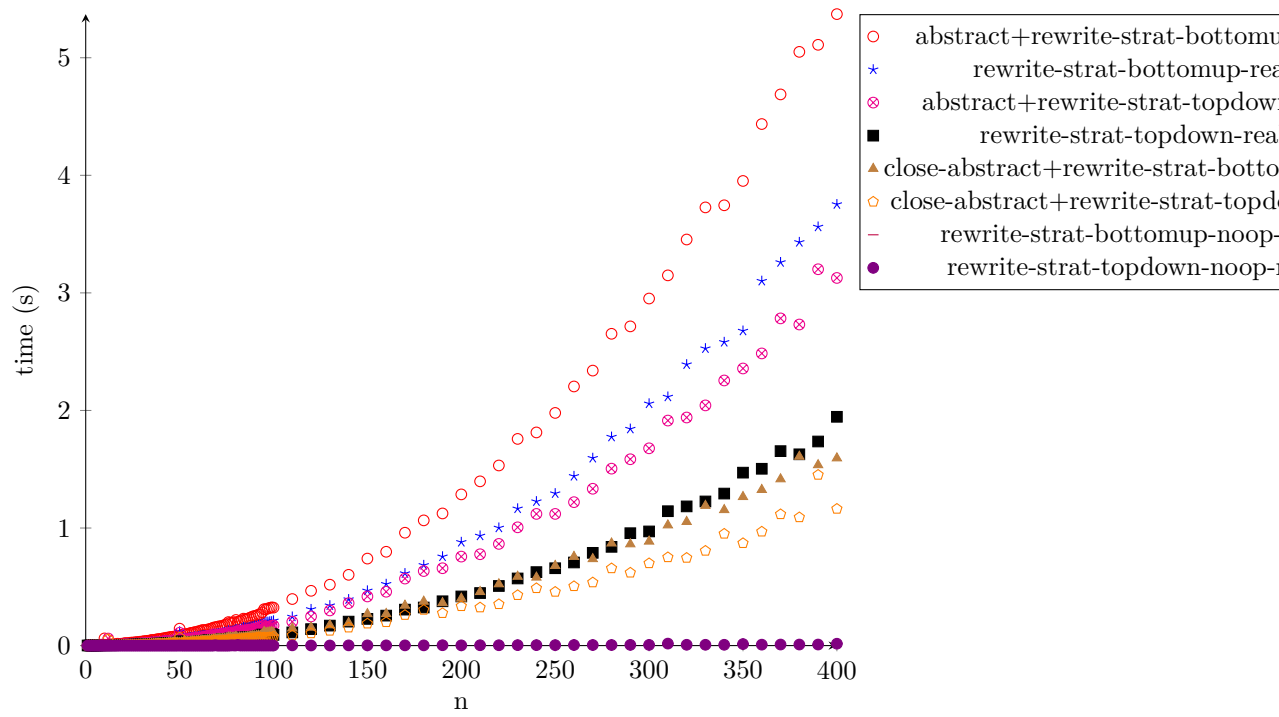Figure 9: timing-rewrite-repeated-app-ssrrewrite-noop param-1-lgn   1
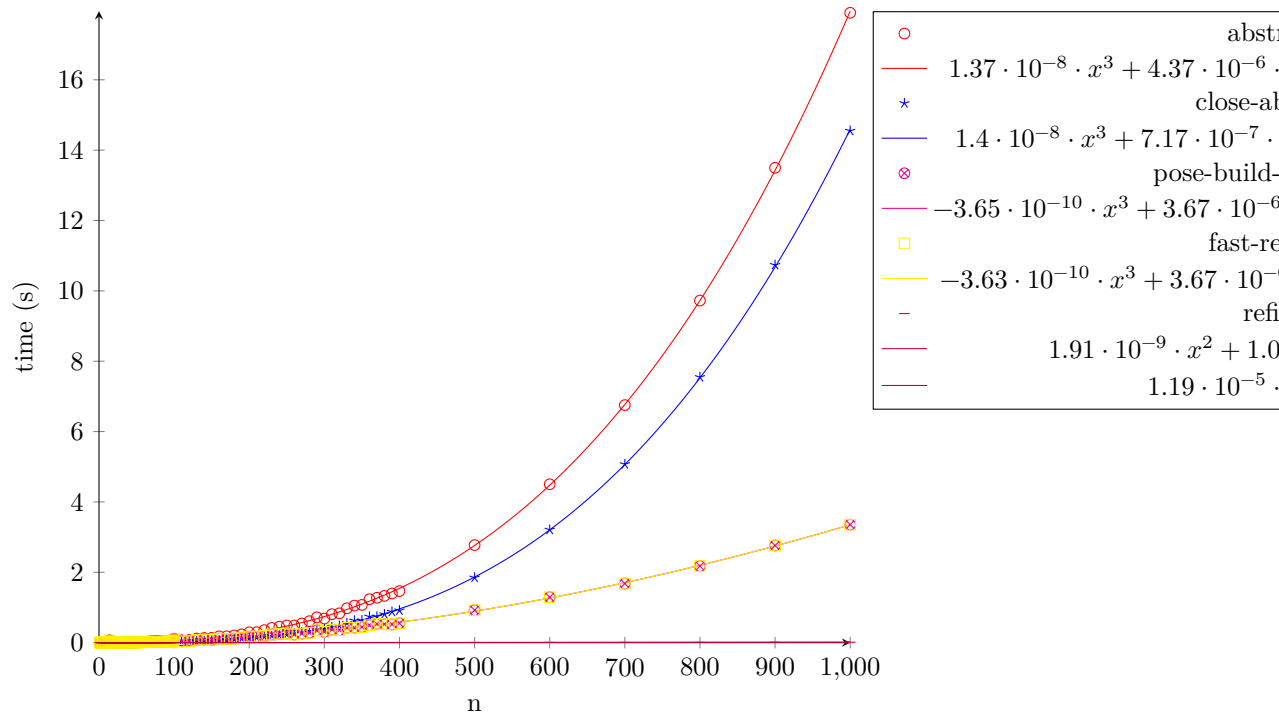
Figure 10: timing-rewrite-repeated-app-rewrite-strat

Legend:
- ○ abstract+rewrite-strat-bottomu...
- ★ rewrite-strat-bottomup-rea...
- ⊗ abstract+rewrite-strat-topdow...
- ■ rewrite-strat-topdown-rea...
- ▲ close-abstract+rewrite-strat-botto...
- ⬠ close-abstract+rewrite-strat-topd...
- – rewrite-strat-bottomup-noop-...
- ● rewrite-strat-topdown-noop-...
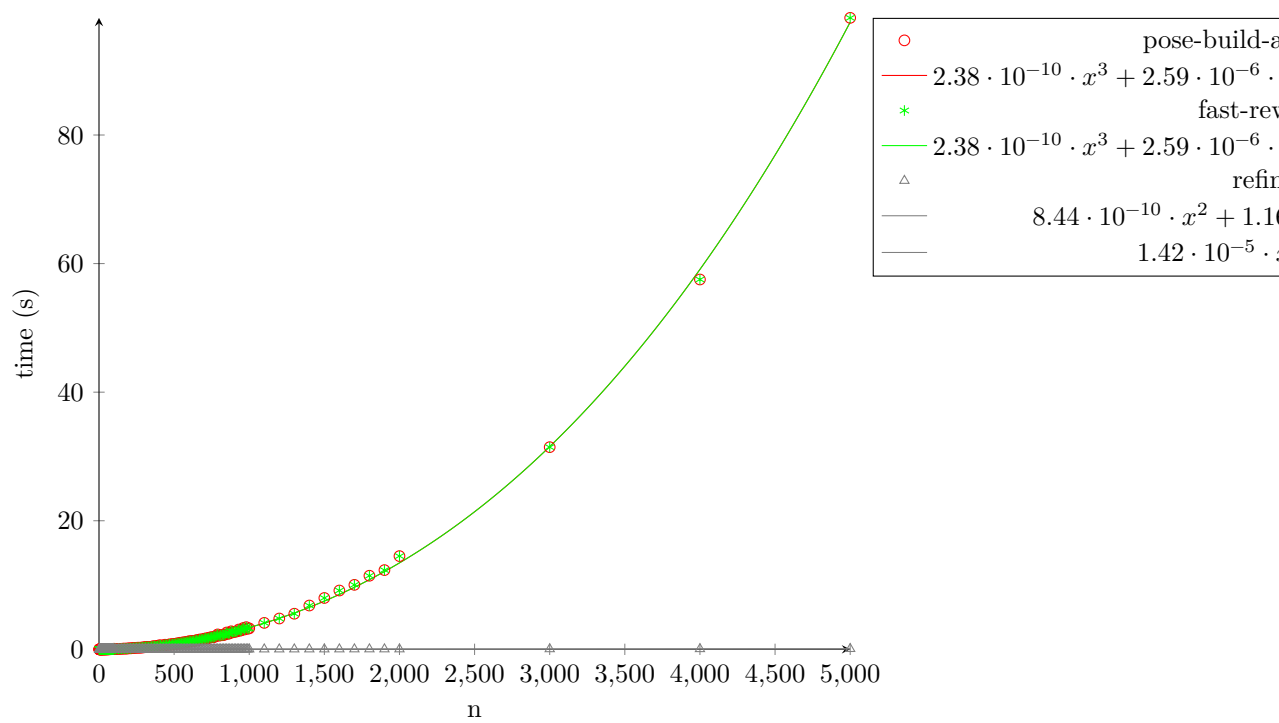
Figure 11: timing-rewrite-repeated-app-fast-rewrite

11

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