

Figure 1: timing-pattern

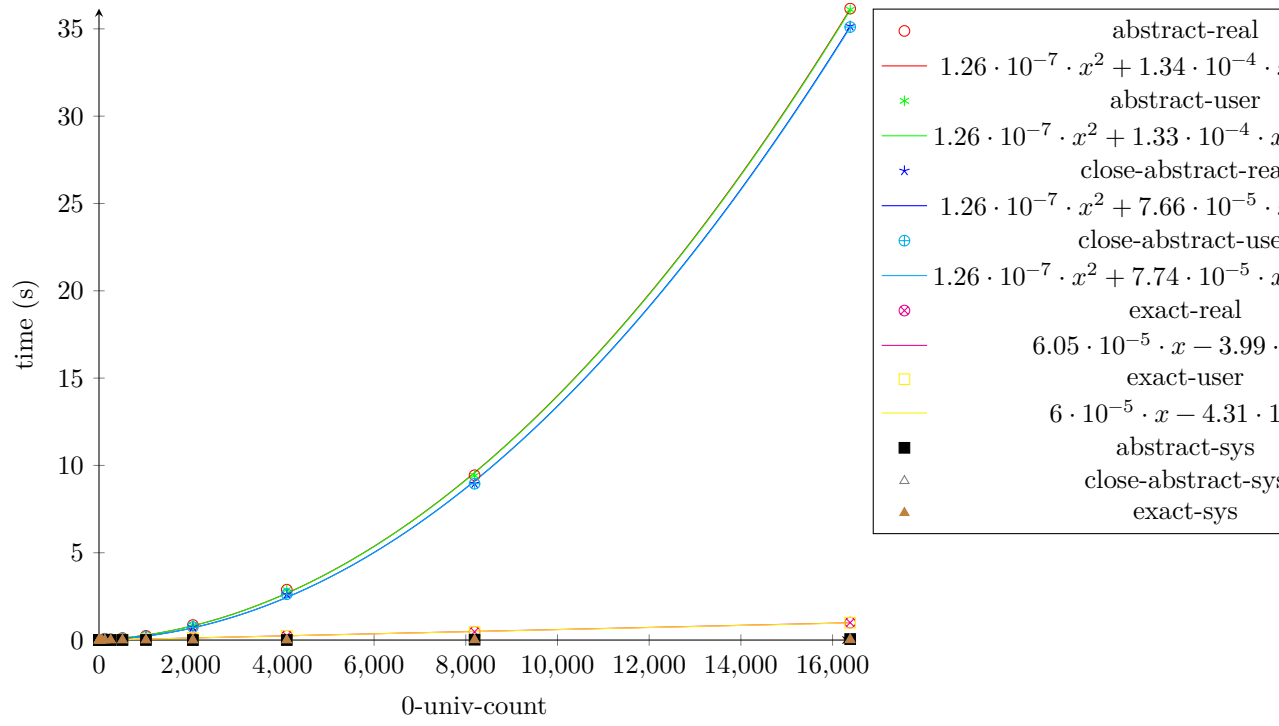


Figure 2: timing-n-polymorphic-universes param-1-n 0

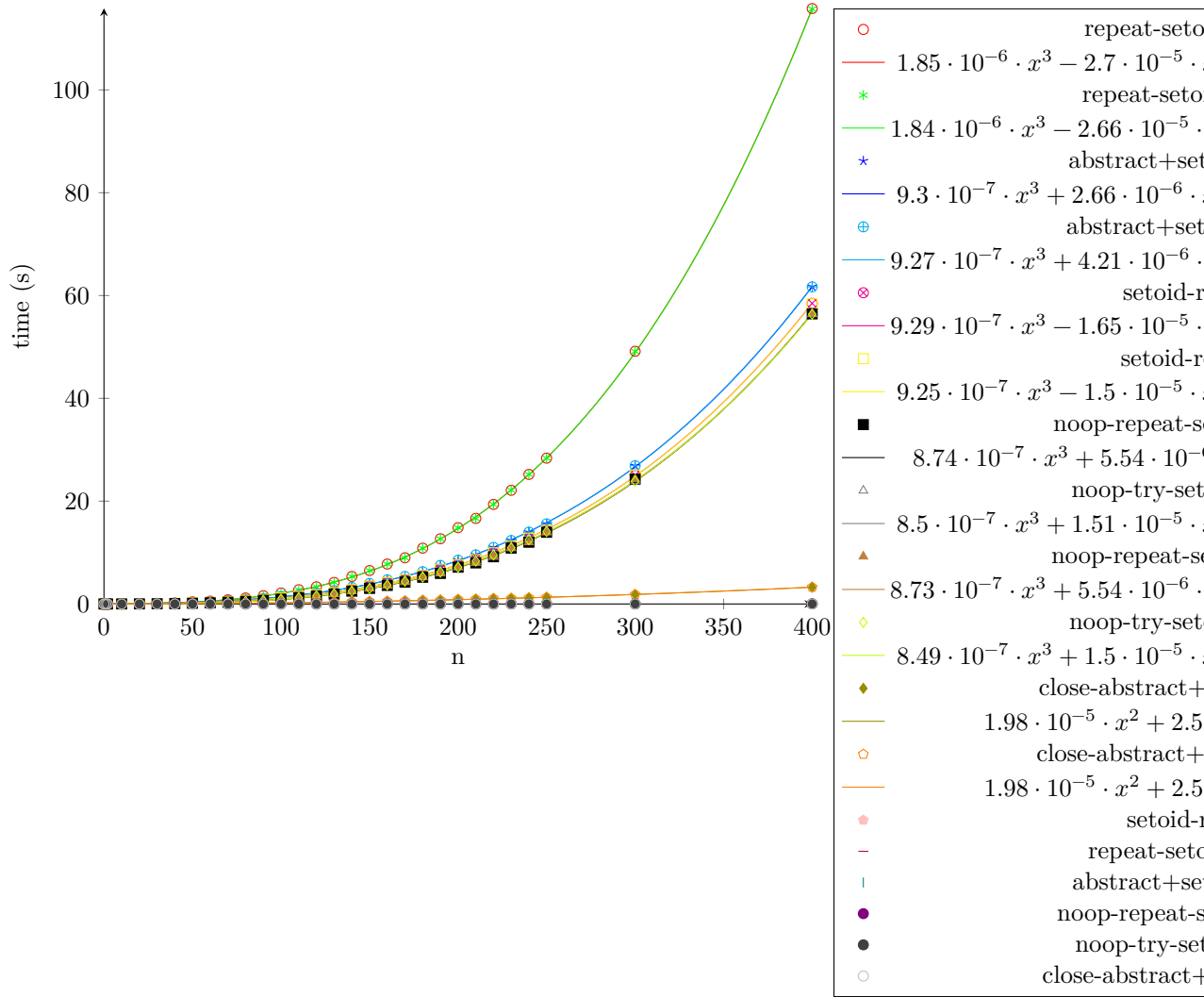


Figure 3: timing-repeat-setoid-rewrite-under-binders

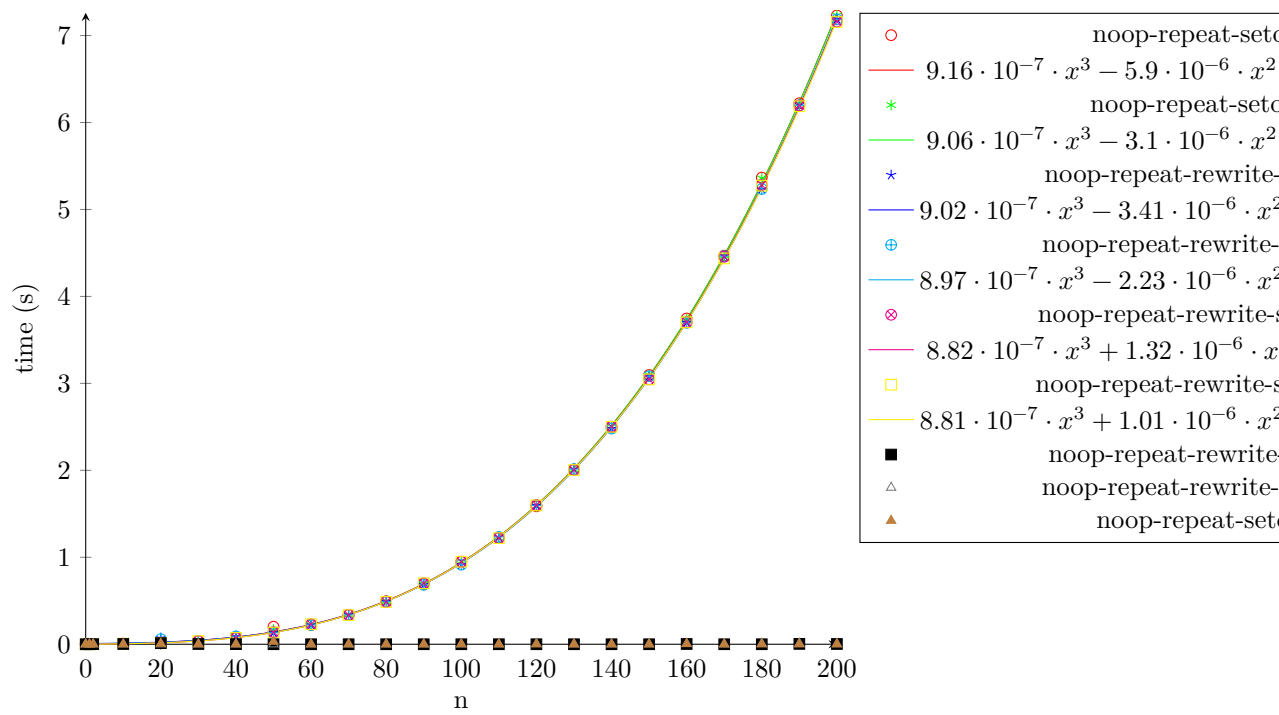


Figure 4: timing-repeat-setoid-rewrite-under-binders-noop

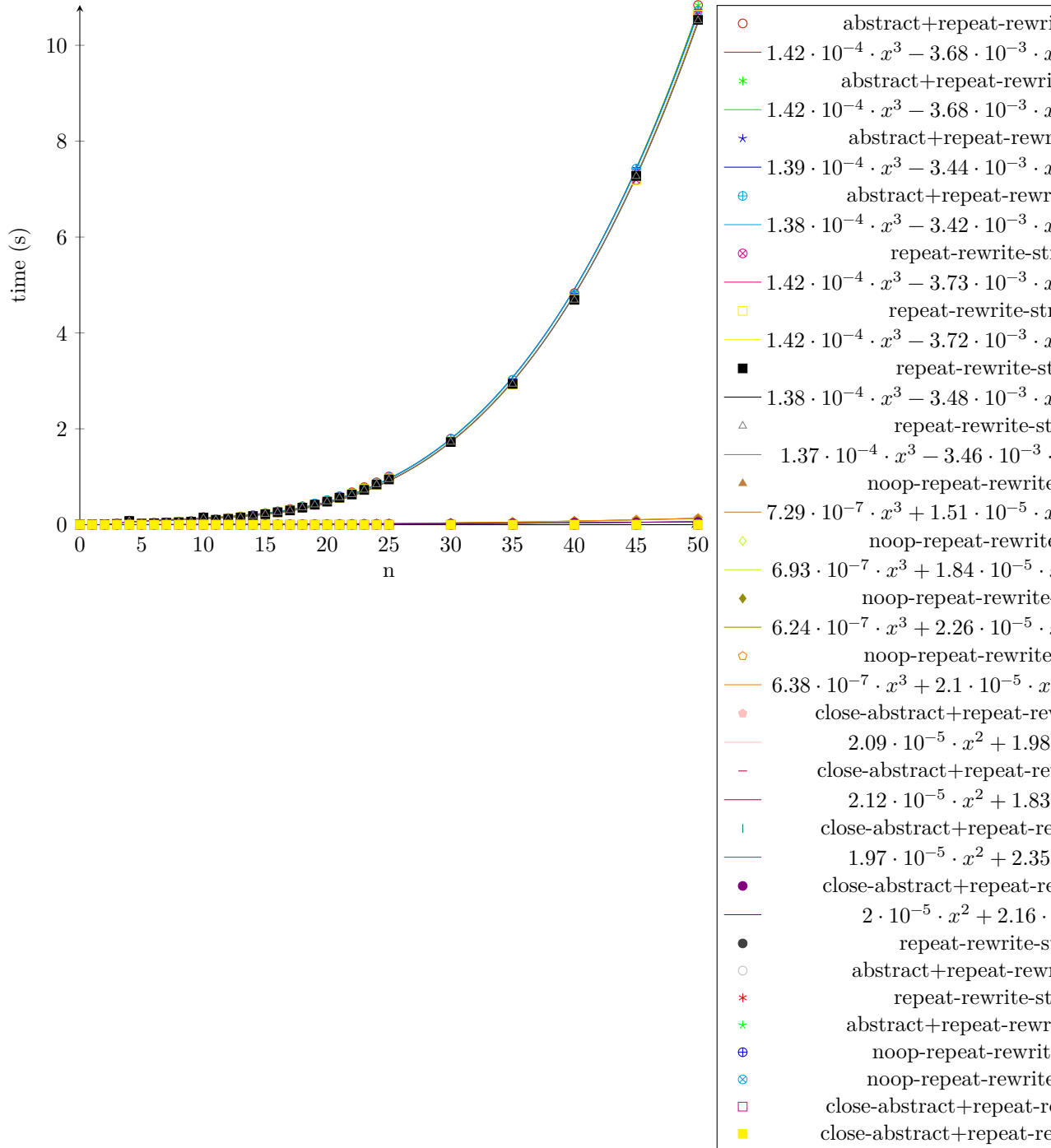


Figure 5: timing-rewrite-strat-under-binders

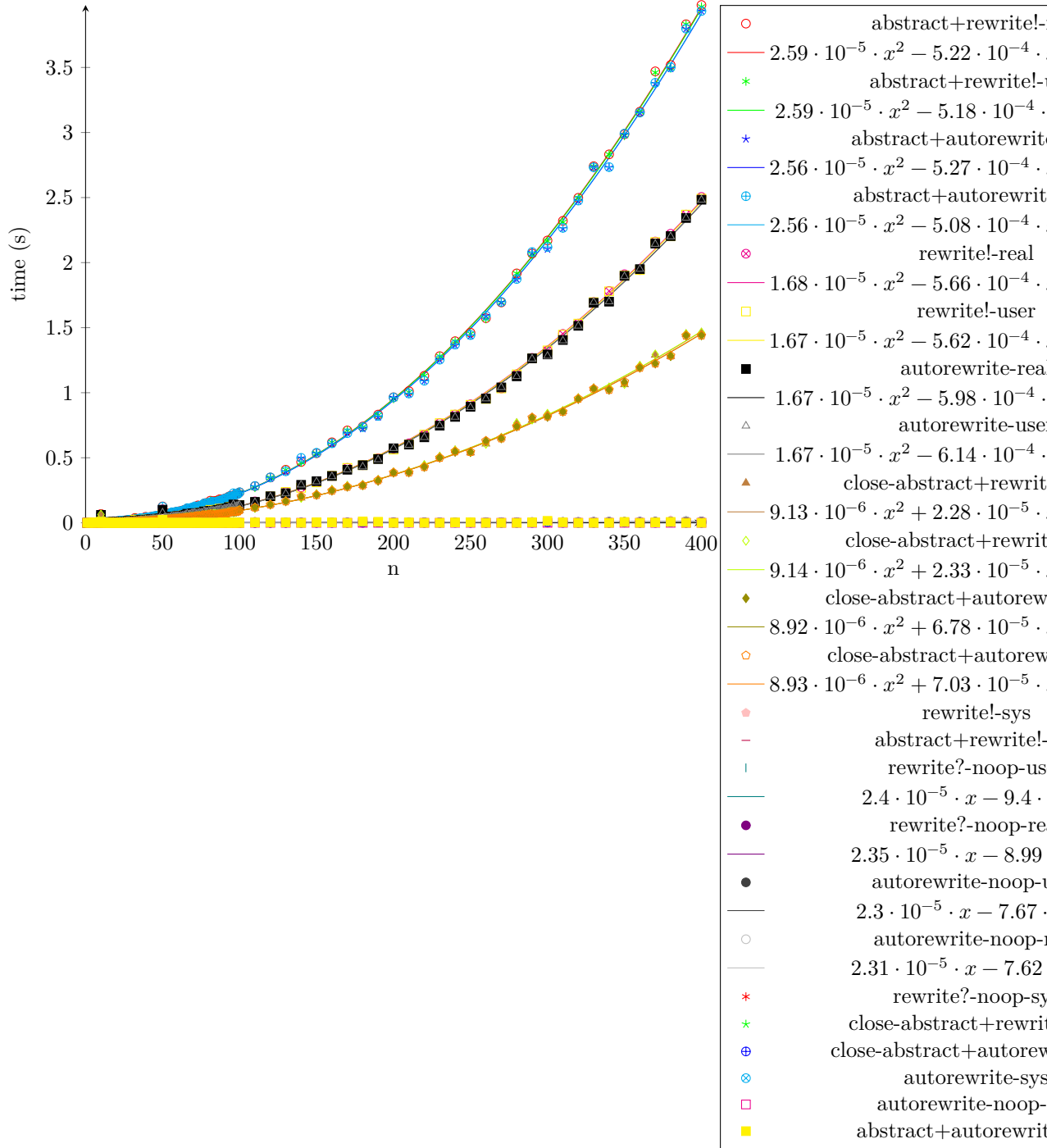


Figure 6: timing-rewrite-repeated-app-autorewrite

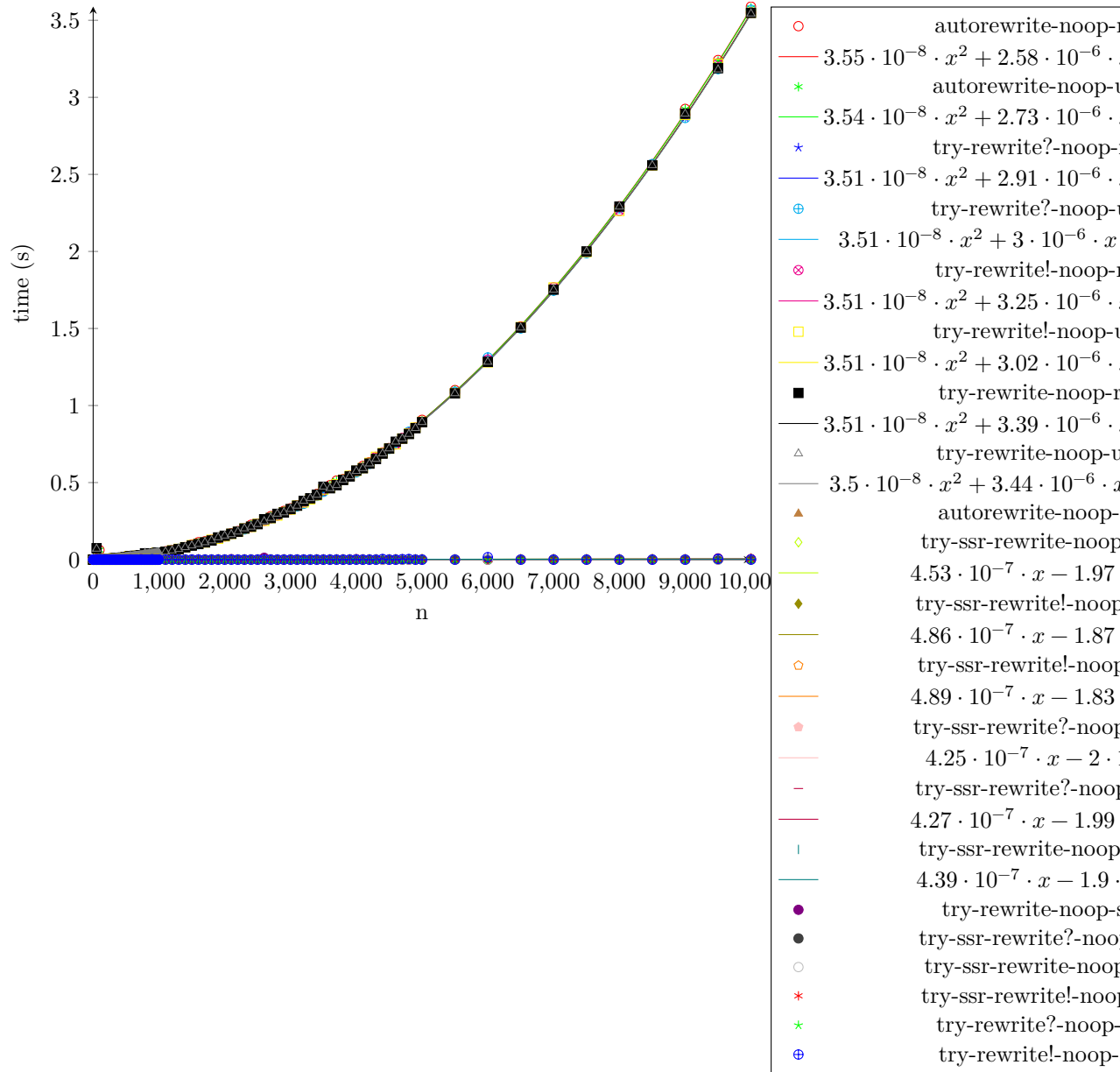


Figure 7: timing-rewrite-repeated-app-autorewrite-noop

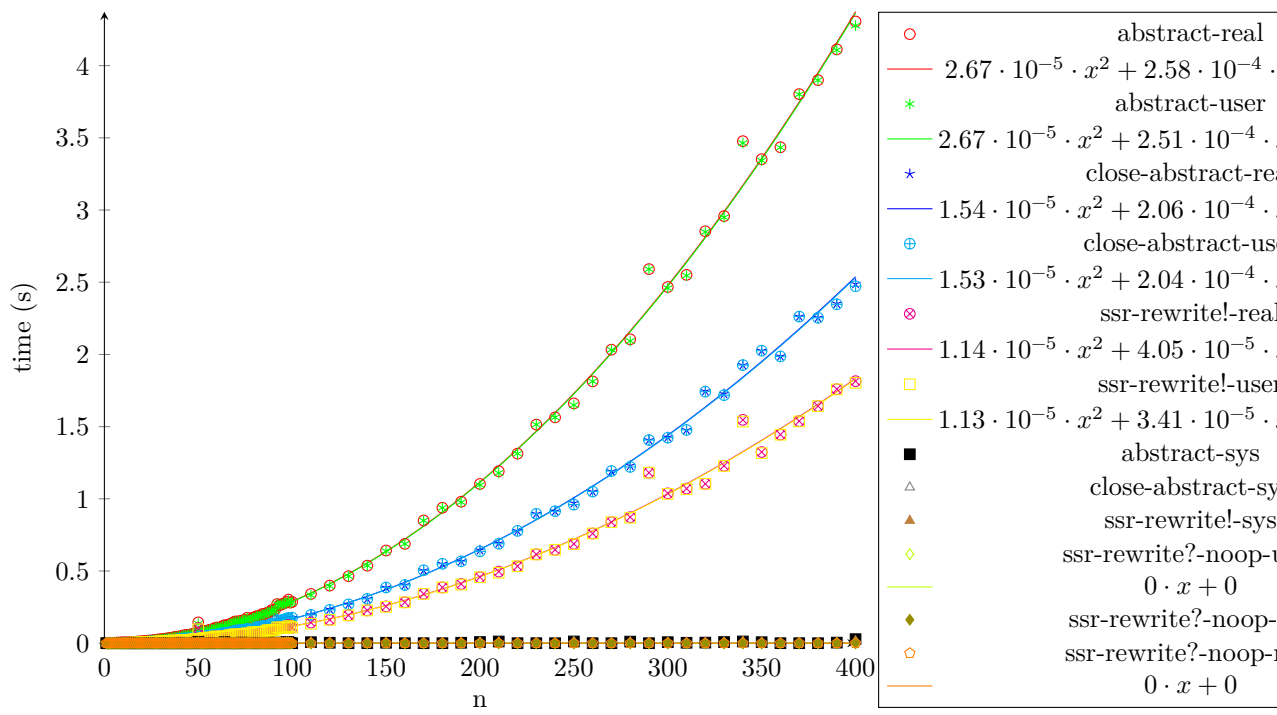


Figure 8: timing-rewrite-repeated-app-ssrrewrite



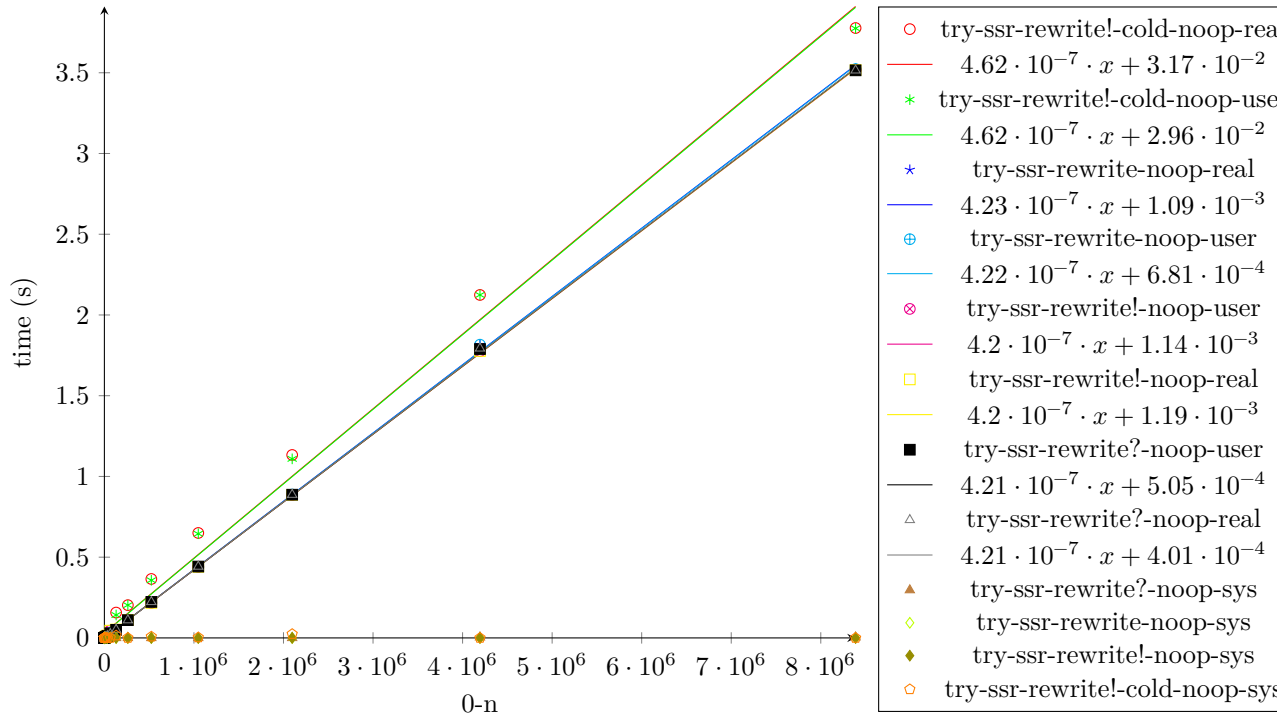


Figure 9: timing-rewrite-repeated-app-ssrrewrite-noop param-1-lgn 1

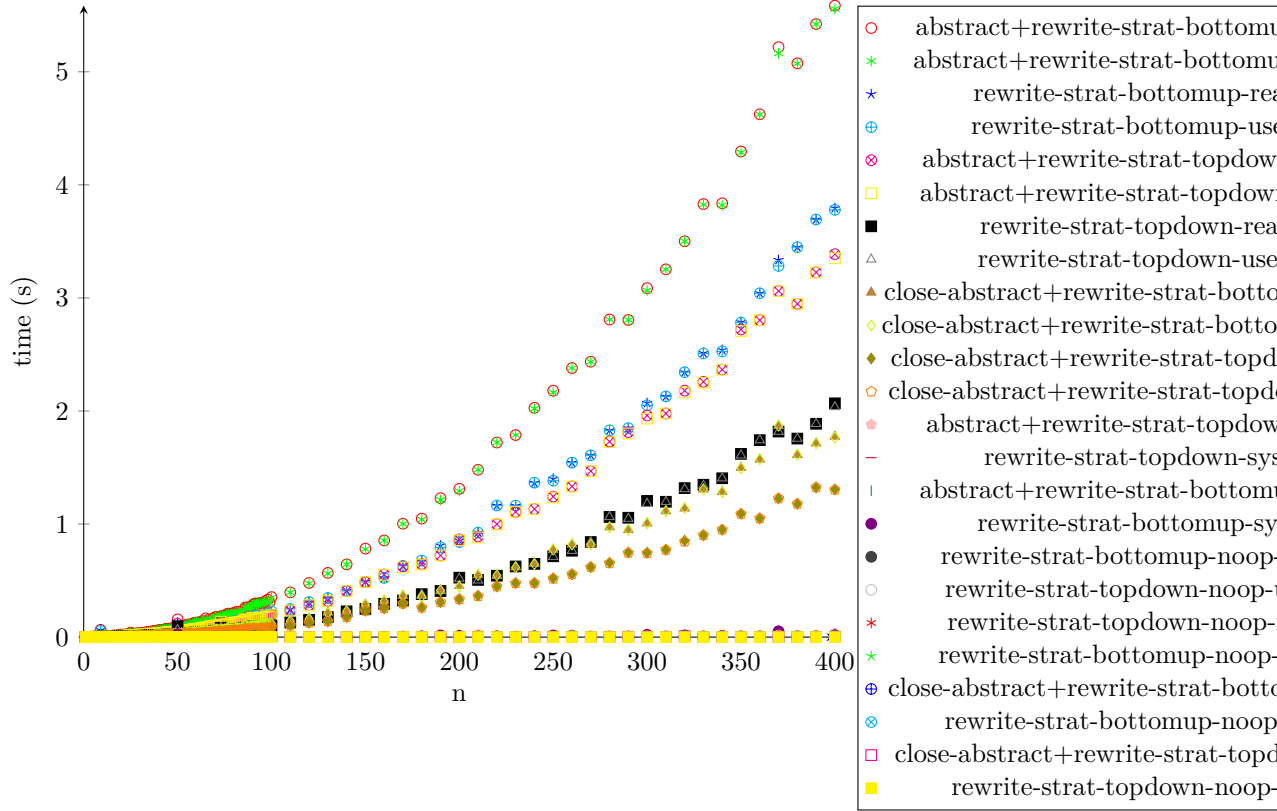


Figure 10: timing-rewrite-repeated-app-rewrite-strat

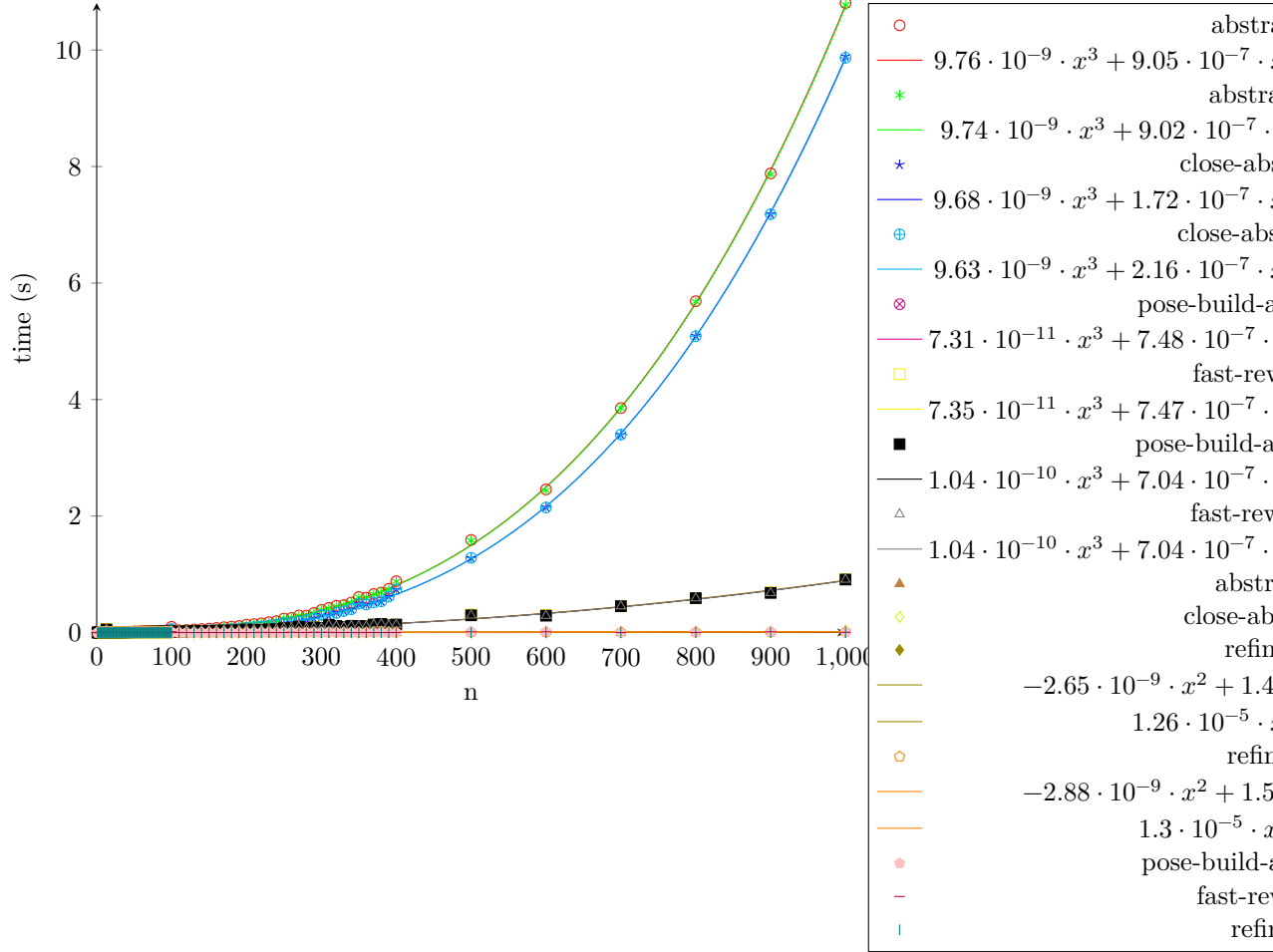
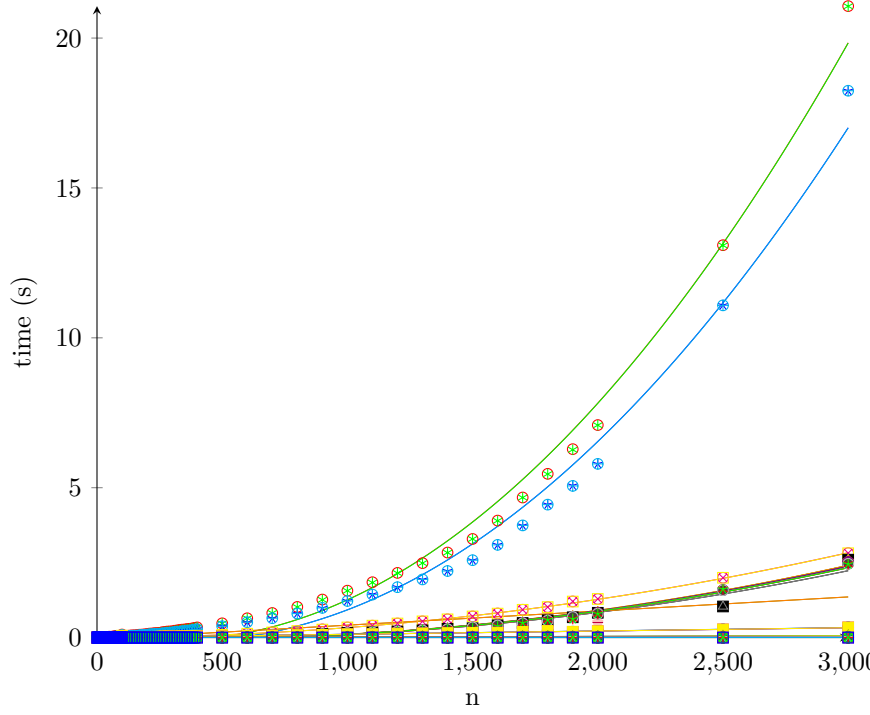


Figure 11: timing-rewrite-repeated-app-fast-rewrite





○	abstract-real
—	$2.73 \cdot 10^{-6} \cdot x^2 - 1.63 \cdot 10^{-3}$
*	abstract-user
—	$2.73 \cdot 10^{-6} \cdot x^2 - 1.64 \cdot 10^{-3}$
*	fast-rewrite-real
—	$2.42 \cdot 10^{-6} \cdot x^2 - 1.66 \cdot 10^{-3}$
⊕	fast-rewrite-user
—	$2.43 \cdot 10^{-6} \cdot x^2 - 1.66 \cdot 10^{-3}$
⊗	close-abstract-real
—	$3.06 \cdot 10^{-7} \cdot x^2 + 2.52 \cdot 10^{-5} \cdot x$
□	close-abstract-user
—	$3.06 \cdot 10^{-7} \cdot x^2 + 2.45 \cdot 10^{-5} \cdot x$
■	type-pf-cast-real
—	$3.27 \cdot 10^{-7} \cdot x^2 - 2.46 \cdot 10^{-4} \cdot x$
△	type-pf-cast-user
—	$3.27 \cdot 10^{-7} \cdot x^2 - 2.46 \cdot 10^{-4} \cdot x$
▲	type-admit-cast-us
—	$3.57 \cdot 10^{-7} \cdot x^2 - 2.75 \cdot 10^{-4} \cdot x$
◇	type-admit-cast-re
—	$3.57 \cdot 10^{-7} \cdot x^2 - 2.75 \cdot 10^{-4} \cdot x$
◆	refine-user
—	$3.53 \cdot 10^{-7} \cdot x^2 - 2.63 \cdot 10^{-4} \cdot x$
—	$4.71 \cdot 10^{-4} \cdot x - 5.68 \cdot$
◊	refine-real
—	$3.53 \cdot 10^{-7} \cdot x^2 - 2.62 \cdot 10^{-4} \cdot x$
—	$4.71 \cdot 10^{-4} \cdot x - 5.69 \cdot$
●	check-pf-cast-real
—	$3.5 \cdot 10^{-7} \cdot x^2 - 2.76 \cdot 10^{-4} \cdot x$
—	check-pf-cast-user
—	$3.5 \cdot 10^{-7} \cdot x^2 - 2.76 \cdot 10^{-4} \cdot x$
⊥	check-admit-user
—	$3.5 \cdot 10^{-7} \cdot x^2 - 2.65 \cdot 10^{-4} \cdot x$
●	check-admit-real
—	$3.5 \cdot 10^{-7} \cdot x^2 - 2.64 \cdot 10^{-4} \cdot x$
●	type-admit-real
—	$3.42 \cdot 10^{-7} \cdot x^2 - 2.55 \cdot 10^{-4} \cdot x$
○	type-admit-user
—	$3.42 \cdot 10^{-7} \cdot x^2 - 2.55 \cdot 10^{-4} \cdot x$
*	check-admit-cast-u
—	$3.41 \cdot 10^{-7} \cdot x^2 - 2.55 \cdot 10^{-4} \cdot x$
*	check-admit-cast-r
—	$3.42 \cdot 10^{-7} \cdot x^2 - 2.56 \cdot 10^{-4} \cdot x$
⊕	build-eval-thunk-us
—	$1.1 \cdot 10^{-4} \cdot x - 8.69 \cdot$
⊗	build-eval-thunk-re
—	$1.11 \cdot 10^{-4} \cdot x - 8.2 \cdot$
□	build-thunk-user
—	$1.09 \cdot 10^{-4} \cdot x - 9.38 \cdot$
■	build-thunk-real
—	$1.1 \cdot 10^{-4} \cdot x - 8.97 \cdot$
△	type-user