

# ClauseLens Simulation Report

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## Key Performance Indicators

episode: 50

avg\_profit: 4509185.9826

avg\_cvar: 3482783.4052

avg\_compliance: 0.8572

total\_treaties: 50

profit\_growth\_pct: -10.525407370164364

risk\_adjusted\_return: 1.294707553695767

compliance\_delta: 0.0013999999999999

rolling\_profit: 4659982.124600001

rolling\_cvar: 3110134.496

rolling\_compliance: 0.8548

## MarketLens Feature Summary

	premium	attachment_point	limit	quota_share	premium_to_limit_ratio	premium_to_attachment_ratio	log_premium	
count	1.000000e+03	1.000000e+03	1.000000e+03	1000.000000	1000.000000	1000.000000	1000.000000	
mean	3.705992e+06	6.449142e+06	2.260612e+07	0.124190	0.046006	0.153319	15.012355	9.2
std	1.825846e+06	8.102527e+06	2.895679e+07	0.138904	0.052569	0.164299	0.479580	5.08
min	6.670000e+05	0.000000e+00	0.000000e+00	0.000000	0.000000	0.000000	13.410547	1.36
25%	2.386500e+06	0.000000e+00	0.000000e+00	0.000000	0.000000	0.000000	14.685338	5.6
50%	3.361500e+06	2.588500e+06	6.394500e+06	0.000000	0.040821	0.200558	15.027898	8.0
75%	4.537250e+06	1.124375e+07	4.054775e+07	0.240000	0.085848	0.281554	15.327829	1.1
max	1.238200e+07	5.136900e+07	1.828800e+08	0.400000	0.226276	0.498491	16.331754	3.6