

Features

Table 2: Technologies and features that the test generators used

Tool	Bit-Precise Analysis	Bounded Model Checking	CEGAR	Concurrency Support	Explicit-Value Analysis	Floating-Point Arithmetics	Guidance by Coverage Measures	Interpolation	k-Induction	Portfolio	Predicate Abstraction	Random Execution	Symbolic Execution	Targeted Input Generation
CoVeriTest	✓				✓									
ESBMC-INCR	✓	✓			✓									
ESBMC-KIND	✓	✓			✓									
FDSE				✓	✓		✓					✓		
FIZZER	✓													
FuSeBMC		✓			✓									✓
FuSeBMC-AI		✓			✓									✓
HYBRIDTIGER			✓		✓						✓			✓
KLEE					✓									✓
KLEEF	✓				✓									✓
Owi	✓				✓									✓
PRTTEST					✓							✓		✓
RIZZER	✓				✓									✓
SIKRAKEN														✓
SYMBIOTIC	✓			✓	✓		✓		✓	✓	✓			✓
racerx		✓			✓			✓		✓	✓			✓
racerxwp					✓			✓		✓	✓			✓
UTESTGEN					✓					✓				✓
WASP-C			✓		✓							✓		✓

Results

Table 3: Quantitative overview over all results

Participant	C.Cover-Error 1895 tasks max. score 1895	C.Cover-Branches 14322 tasks max. score 14322	C.Overall 16217 tasks max. score 16217
AFL-TO-TC ^{new}	1082	6817	8488
CETFUZZ	556	3584	4410
CoVeriTest	853	7084	7660
ESBMC-INCR	445	1378	2685
ESBMC-KIND	472	2508	3438
FDSE	1103	8121	9319
FIZZER	1123	7967	9317
FuSeBMC	1486	8237	11024
FuSeBMC-AI	1338	5960	9099
HYBRIDTIGER	727	5688	6329
KLEE	1213	4476	7723
KLEEF	1413	8282	10735
Owi	383	3411	3569
PRTTEST	331	4443	3932
RIZZER	997		
SIKRAKEN		4460	
SYMBIOTIC	1151	6192	8429
TRACERX	664	4864	5594
TRACERX-WP	543	4679	4974
UTESTGEN	629	5643	5888
WASP-C	818	3844	5674

References

Reference

D. Beyer. Evaluating tools for automatic software testing (report on Test-Comp 2026). In *Proc. FASE, LNCS 16504*. Springer, 2026



Competition Report

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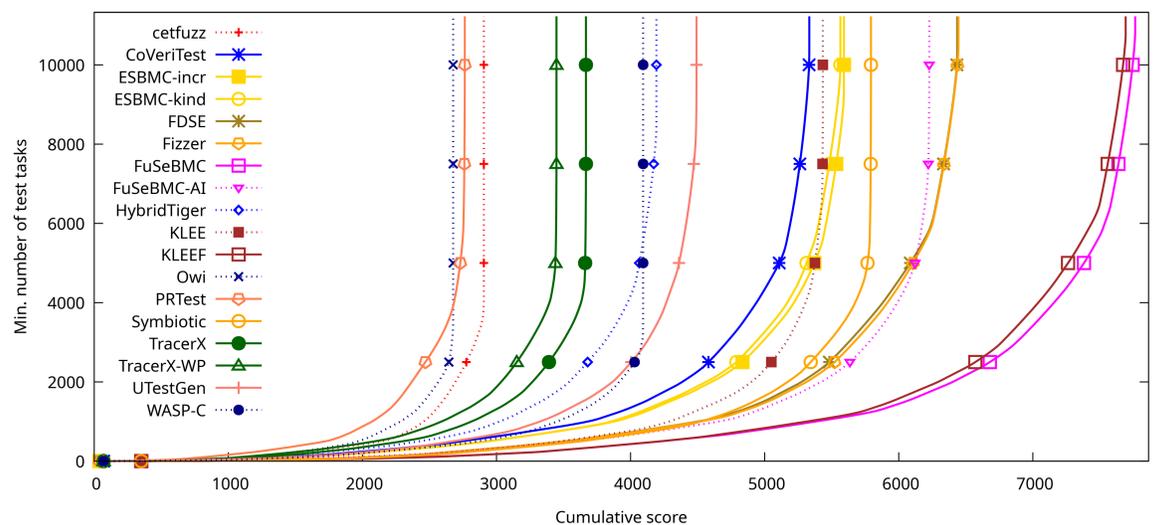
Participants

Table 1: Competition candidates with tool references and representing jury members; ^{new} indicates first-time participants

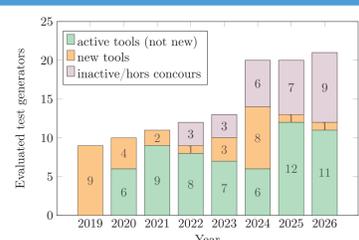
Tester	License	Jury member	Affiliation
AFL-TO-TC ^{new}	Apache	H. Wachowitz	LMU Munich, Germany
CETFUZZ	Apache	–	–
CoVeriTest	Apache	M.-C. Jakobs	LMU Munich, Germany
ESBMC-INCR	Apache	C. Wei	U. Manchester, UK
ESBMC-KIND	Apache	C. Wei	U. Manchester, UK
FDSE	Apache	Z. Chen	National U. Defense Techn., China
FIZZER	Zlib	M. Trtík	Masaryk U., Brno, Czechia
FuSeBMC	MIT	K. Alshmrany	Inst. Public Admin., Saudi Arabia
FuSeBMC-AI	MIT	–	–
HYBRIDTIGER	Apache	–	–
KLEE	NCSA	–	–
KLEEF	NCSA	–	–
Owi	AGPL	–	–
PRTTEST	Apache	T. Lemberger	LMU Munich, Germany
RIZZER	Zlib	–	–
SIKRAKEN	LGPL	C. Meudec	South East Technological U., Ireland
SYMBIOTIC	MIT	M. Jonáš	Masaryk U., Brno, Czechia
TRACERX	Apache	–	–
TRACERX-WP	Apache	–	–
UTESTGEN	LGPL	M. Barth	LMU Munich, Germany
WASP-C	Apache	–	–
TESTCoCA ^{new}	Zlib	M. Trtík	Masaryk U., Brno, Czechia
TESTCov	Apache	M. Kettl	LMU Munich, Germany

Final Score

Figure 1: Quantile functions for category Overall.



Participation



Web Site



<https://test-comp.sosy-lab.org/2026/>

Ranking

Table 4: Overview of the top-three test generators for each category (measurement values for CPU time in hours, rounded to two significant digits)

Rank	Tester	Score	CPU Time
C.Cover-Error (1895 tasks, max. score 1895)			
1	FuSeBMC	1486	290
2	SYMBIOTIC	1151	160
3	FIZZER	1123	230
C.Cover-Branches (14322 tasks, max. score 14322)			
1	FuSeBMC	8237	3500
2	FDSE	8121	3400
3	FIZZER	7967	2500
C.Overall (16217 tasks, max. score 16217)			
1	FuSeBMC	11024	3800
2	FDSE	9319	3800
3	FIZZER	9317	2800