Discussed in	Pubblication	Project/Tool	Repository	N. Contracts	Ground truth	Analysis result	Solidity	Bytecode	Addresses
PiantadosiEtAl2022	AshouriEtAl2020	-	-	12				✓	
PiantadosiEtAl2022	AzzopardiEtAl2018	-							
PiantadosiEtAl2022	BhargavanEtAl2016		-	112802				✓	
PiantadosiEtAl2022	ChangEtAl2019	sCompile	-	36099			✓		
PiantadosiEtAl2022	ChapmanEtAl2019	Deviant	-	3			✓		
PiantadosiEtAl2022	ChatterjeeEtAl2019	-	-	36764			✓		
PiantadosiEtAl2022	ChenEtAl2017	-	-	16000			✓		
PiantadosiEtAl2022	DongEtAl2019	-	-	2			✓		
PiantadosiEtAl2022	El-DosukyEtAl2019	DOORchain	-				✓		
PiantadosiEtAl2022	FeistEtAl2019	Slither	-	36000			✓		
PiantadosiEtAl2022	FuEtAl2019	-	-	10000			✓		
PiantadosiEtAl2022	GaoEtAl2019	Easyflow	-					✓	
PiantadosiEtAl2022	GrechEtAl2018	MadMax	-				✓		
PiantadosiEtAl2022	GrossmanEtAl2017	-	-	3444354	474025 blocks		✓		
PiantadosiEtAl2022	HeEtAl2019	-	-	18498			✓		
PiantadosiEtAl2022	HiraiEtAl2017	-	-					✓	
PiantadosiEtAl2022	HonigEtAl2019	-	-				✓		
PiantadosiEtAl2022	JiaoEtAl2020	-	-	482			✓		
PiantadosiEtAl2022	LahbibEtAl2020	-	-					✓	
PiantadosiEtAl2022	LaiEtAl2020	-	-	7000			✓		
PiantadosiEtAl2022	LiEtAl2019	MuSC	-				✓		
PiantadosiEtAl2022	MaEtAl2019	EVM*	-	10				✓	
PiantadosiEtAl2022	MedeirosEtAl2019	SolUnit	-				✓		
PiantadosiEtAl2022	MomeniEtAl2019	-	-	13745			✓		
PiantadosiEtAl2022	MossbergEtAl2019	Manticore	-	100			✓		
PiantadosiEtAl2022	NguyenEtAl2019	-	-				✓		
PiantadosiEtAl2022	NikolicEtAl2018	-	-	970898				✓	
PiantadosiEtAl2022	ParkEtAl2018	-	-					✓	
PiantadosiEtAl2022	PengEtAl2019	SIF, SolAnalyser, Oyente, Securify, Maian, SmartCheck, Mythril	-	1838			✓		
PiantadosiEtAl2022	SergeyEtAl2019	-	-				✓	✓	
PiantadosiEtAl2022	ShishkinEtAl2018	-	-				✓		
PiantadosiEtAl2022	TianEtAl2019	-	-	20				✓	
PiantadosiEtAl2022	TorresEtAl2018	Osiris	Link	1207335	50535	✓		✓	✓
PiantadosiEtAl2022	TsankovEtAl2018	Solidify	-	24594		✓		✓	
PiantadosiEtAl2022	TsankovEtAl2018	Solidify	Link	100		✓	✓		
PiantadosiEtAl2022	WangEtAl2020	-	-				✓		
PiantadosiEtAl2022	YeEtAl2020	-	-	31097				✓	
PiantadosiEtAl2022	ZhangQEtAl2020	-	-	49522			✓		
PiantadosiEtAl2022	ZhangYEtAl2020	-	-	2214409				✓	
dZaazaaAndElBakkali2023b, PiantadosiEtAl2022	SongEtAl2019	Oyente, ContractWard	-	49502			✓		
dZaazaaAndElBakkali2023b, PiantadosiEtAl2022	GaoEtAl2021	Deckard, SmartCheck, SMARTEMBED	-	22725			✓		✓
dZaazaaAndElBakkali2023b, PiantadosiEtAl2022	TikhomirovEtAl2018	Smartcheck	Link	4600			✓		
dZaazaaAndElBakkali2023b, PiantadosiEtAl2022	WangEtAl2019	NPChecker, Securify, Oyente, Mythril	-	31097	30000		✓	✓	
dZaazaaAndElBakkali2023b	-	Smartcheck, Oyente, Mythril, Securify, Slither, Osiris, DeeSCVHunter, Clear	Link				✓		
dZaazaaAndElBakkali2023b	-	Smartcheck, Oyente, Mythril, Securify, Slither, Osiris, DeeSCVHunter	Link				✓		
dZaazaaAndElBakkali2023b	-	Smartcheck, Oyente, Mythril, Securify, Slither, Osiris, DeeSCVHunter	Link				✓	✓	
dZaazaaAndElBakkali2023b	-	Slither	Link				✓	✓	✓
dZaazaaAndElBakkali2023b		Yingjie et al., SmartBugs, SolidiFI				✓	✓		
dZaazaaAndElBakkali2023b	QianEtAl2020	VulDeeSmartContract (their tool also called BLSTM-ATT), Securify, SmartCheck, Mythril, Oyente	Link				✓	✓	
dZaazaaAndElBakkali2023b	LiaoEtAl2019	SoliAudit, Oyente, Remix	Link	21044					✓
dZaazaaAndElBakkali2023b	HeEtAl2024	Peculiar	Link	40932	40742	✓	✓		
dZaazaaAndElBakkali2023b	AshrafEtAl2020	GasFuzzer	Link	3170	3170				✓
dZaazaaAndElBakkali2023b	SamreenAndAlalfi2021	SmartScan, SmartCheck	-	500					
dZaazaaAndElBakkali2023b	NguyenEtAl2021	SGUARD	-	5000					
dZaazaaAndElBakkali2023b	PanEtAl2021	ReDefender	-	204					
dZaazaaAndElBakkali2023b	PanEtAl2021	ReDefender	-	395					
dZaazaaAndElBakkali2023b	ControEtAl2021	EtherSolve	-	1000					
dZaazaaAndElBakkali2023b	AshizawaEtAl2021	Eth2Vec	-	95152					
dZaazaaAndElBakkali2023b	ZhouEtAl2021	SMARTGIFT	-						
dZaazaaAndElBakkali2023b	LiuZEtAl2021	AME (CGE)	-	40932			✓		
dZaazaaAndElBakkali2023b	JianjunEtAl2021	Jianjun et al tool	-	2000000				✓	
dZaazaaAndElBakkali2023b	FerreiraEtAl2020	ÆGIS, ECFChecker, Sereum	-	675444			✓		
dZaazaaAndElBakkali2023b	Hwang2020	SC Analyzer	Link	55046			✓		
dZaazaaAndElBakkali2023b	NguyenEtAl2020	sfuzz, ContractFuzzer, Oyente	-	4112			✓		
dZaazaaAndElBakkali2023b	WangEtAl2020Artemis	Artemis, Maian	-	13100	12899		✓		
dZaazaaAndElBakkali2023b	HaoEtAl2020	SCScan	-	1000			✓		
dZaazaaAndElBakkali2023b	XueEtAl2021	Clairvoyance, Slither, Oyente, Securify	Link	11714		✓	✓		✓
dZaazaaAndElBakkali2023b	FerreiraEtAl2020	Smartbugs	Link	47518	47398	✓	✓		✓
dZaazaaAndElBakkali2023b	AlbertEtAl2019	SAFEVM, VeryMax, SeaHorn, CPAchecker, Oyente, EthIR	Link	10796	24294		✓		✓
dZaazaaAndElBakkali2023b	AlbertEtAl2019	SAFEVM	Link	29	29		✓		
dZaazaaAndElBakkali2023b	ChenEtAl2019	OYENTE, MAIAN, Mythril, Evmdis, Miasm, Porosity	-	4979625					
dZaazaaAndElBakkali2023b	PrechtelEtAl2019	Mythril-enhanced version	-	167698		✓			
dZaazaaAndElBakkali2023b	EnceEtAl2018	SASC, oyente	-	4744	2952				
diAngeloAndSalzer2023	SchneidewindEtAl2020	eThor	Link	720	720			✓	✓
diAngeloAndSalzer2023	ZhouEtAl2020	EverEvolvingG	Link	344	344		✓		
diAngeloAndSalzer2023	FerreiraEtAl2021	SmartBugs	Link	143	143		✓		
-	diAngeloAndSalzer2023	-	Link	4859	4859		✓	✓	✓
-	JeonEtAl2023	SmartConDetect	Link	10000			✓		
-	ChaliasosEtAl2024	-	Link			✓	✓	✓	✓
-	LiEtAl2022	SmartFast	Link	149	149	✓	✓		
-	LiEtAl2022	SmartFast	Link	13509	13509	✓	✓		✓
-	NguyenEtAl2023	MANDO-HGT, MANDO-GURU	Link				✓		
-	NguyenEtAl2023	MANDO-HGT, MANDO-GURU	Link			✓	✓	✓	✓
-	JiamingYeEtAl2022	Vulpedia	Link				✓		
-	GuoEtAl2024	MEVD	Link			✓	✓		
-	DuanEtAl2023	Duan et al. Framework	Link				✓		
-	QianEtAl2023b	RNVulDet	Link					✓	
-	SoudEtAl2023	SmartState	Link				✓	✓	
-	ChoiEtAl2021	Smartian	Link				✓	✓	✓
-	HajiHosseinKhaniEtAl2024	SCsVulLyzer	Link				✓		
-	L.ZhangEtAl2022	MODNN	Link	18796			✓		
-	DaiEtAl2022	SuperDetector	Link				✓		✓
-	DaiEtAl2022b	SuperDetector	Link				✓		✓
-	HuEtAl2023b	SoliDetector	Link				✓		✓
-	NassirzadehEtAl2021	Gas Gauge	Link			✓	✓		
-	SP (SigmaPrime), 2018	-	Link				✓		
-	QianEtAl2023c	Teacher-Student framework	Link					✓	
-	QianEtAl2023c	Teacher-Student framework	Link				✓		
-	SunEtAl2022b	ConFuzzius-BI	Link	43	43		✓		
-	SunEtAl2022b	ConFuzzius-BI	Link	19	19		✓		✓
-	WeiEtAl2023	-	Link	110	110	✓	✓		
-	diAngeloEtAl2024	-	Link	248328	248328		✓	✓	✓
-	sun2024gptscan	Top200	Link						
-	sun2024gptscan	Web3Bugs	Link						
-	sun2024gptscan	DefiHacks	Link	101	101	✓	✓		
-	luo2024scvhunter	SCVHunter	Link	1200	1200	✓	✓		✓
-	wang2024skyeye	Rekt	Link						
-	wang2024skyeye	Certik	Link						
-	wang2024skyeye	Slowmist	Link						
-		BlockSec	Link						
-	li2024cobra	Cobra	Link						
-	wu2024advscanner	AdvSCanner	Link				✓	✓	
-	wang2024contracttinker	ContractTinker	Link						
-	eshghie2024oracle	XploGen	Link				✓	✓	
-	liu2024funredisp, liu2024funredisp2	FunRedisp	Link					✓	
-	chen2024identifying	SOChecher	Link						
-	liang2024towards	PonziGuard	Link				✓	✓	
-	guo2024smart	RLRep	Link				✓	✓	
-	liu2024automated	InvCon+	Link				✓		
wu2024we	ren2021empirical	-	Link	46186			✓		
-	TorresEtAl2021	ConFuzzius	Link	21000			✓		
-	TorresEtAl2021	ConFuzzius	Link	128			✓		
-	Zheng2023rudder	SISE	Link	34		✓	✓		✓
-	Z.ZhangEtAl2023	Code4rena	Link						
-	liao2024smartaxe	SmartAxe	Link				✓	✓	
-	hajihosseinkhani2024unveiling	BCCC-SCsVul-2024	Link				✓		
-	qian2024mufuzz	MuFuzz	Link				✓		
-	wang2024contractgnn	ContractGNN	Link						
-	chu2024deepfusion	DeepFusion	Link						
-	li2024static	-	Link	788	788		✓		
-	zheng2024dappscan	DAppSCAN-source	Link	21457	21457	✓	✓		
-	zheng2024dappscan	DAppSCAN-bytecode	Link	21457	21457	✓		✓	