

Evaluations on Open-dataset Contracts by Comparing Vulnerabilities Reported by Three Tools: ContractFuzzer, xFuzz (out tool) and sFuzz

Address	Label Contract	Label Function	ContractFuzzer (min)	xFuzz (s)	sFuzz (s)
0x7a8721a9d64c74da899424c1b52acbf58ddc9782	PrivateDeposit	CashOut	07:00	1.017345	300
0x4e73b32ed6c35f570686b89848e5f39f20ecc106	PRIVATE_ETH_CELL	Collect	05:58	1.022589	0.007743
0xb5e1b1ee15c6fa0e48fce100125569d430f1bd12	Private_Bank	CashOut	05:58	31.032428	0.007306
0xf015c35649c82f5467c9c74b7f28ee67665aad68	MY_BANK	Collect	07:00	30.03631	3.032082
0x96edbe868531bd23a6c05e9d0c424ea64fb1b78b	PENNY_BY_PENNY	Collect	05:52	1.039502	5.0294
0x4320e6f8c05b27ab4707cd1f6d5ce6f3e4b3a5a1	ACCURAL_DEPOSIT	Collect	05:58	1.023295	4.019572
0xbe4041d55db380c5ae9d4a9b9703f1ed4e7e3888	MONEY_BOX	Collect	05:03	1.035666	5.036634
0x8c7777c45481dba411450c228cb692ac3d550344	ETH_VAULT	CashOut	06:10	2.059292	0.007353
0x561eac93c92360949ab1f1403323e6db345cbf31	BANK_SAFE	Collect	05:58	1.020844	0.009558
0x93c32845fae42c83a70e5f06214c8433665c2ab5	X_WALLET	Collect	07:00	34.038738	3.035219
0x7b368c4e805c3870b6c49a3f1f49f69af8662cf3	W_WALLET	Collect	06:10	75.042364	3.030589
0x01f8c4e3fa3edeb29e514cba738d87ce8c091d3f	PERSONAL_BANK	Collect	05:58	1.025113	4.023009
0xaae1f51cf3339f18b6d3f3bdc75a5facd744b0b8	DEP_BANK	Collect	06:10	1.022167	0.009325
0x7541b76cb60f4c60af330c208b0623b7f54bf615	U_BANK	Collect	05:58	128.048259	3.031515
0xcead721ef5b11f1a7b530171aab69b16c5e66b6e	WALLET	Collect	05:58	106.044211	3.034659
0x23a91059fdc9579a9fbd0edc5f2ea0bfdb70deb4	PrivateBank	CashOut	06:10	180	300
0x627fa62ccbb1c1b04ffaecd72a53e37fc0e17839	TokenBank	WithdrawToHolder	05:58	7.27236	11.01998
0x941d225236464a25eb18076df7da6a91d0f95e9e	ETH_FUND	CashOut	05:58	180	300
	Red cells represent the tool reports incorrect functions compared with labels				
	Blue cells represent the tool fails to found vulnerabilities in this function				