

Vulnerability	FLAMES20k   VL	FLAMES100k   VL	CodeLlama7B   V <sub>L</sub>	FLAMES20k   pre <sub>joint</sub>	FLAMES100k   pre <sub>joint</sub>	CodeLlama7B   pre <sub>joint</sub>	FLAMES20k   pre	FLAMES100k   pre	CodeLlama7B   pre	FLAMES20k   pos	FLAMES100k   pos	CodeLlama7B   pos	FLAMES20k   pre <sub>VL</sub> <sub>joint</sub>	FLAMES100k   pre <sub>VL</sub> <sub>joint</sub>	CodeLlama7B   pre <sub>VL</sub> <sub>joint</sub>	FLAMES20k   pre <sub>VL</sub>	FLAMES100k   pre <sub>VL</sub>	CodeLlama7B   pre <sub>VL</sub>	FLAMES20k   VL <sub>joint</sub>	FLAMES100k   VL <sub>joint</sub>	CodeLlama7B   VL <sub>joint</sub>
denial_of_service	3/1/1	3/1/1	2/2/1	2/1/0	1/2/0	0/2/0	3/2/1	4/1/1	3/2/2	2/1/0	1/2/0	1/2/0	1/2/0	1/2/0	1/2/0	0/2/0	2/2/1	3/1/1	1/2/1	2/1/0	1/2/0
other	1/1/0	2/0/0	2/0/0	1/0/0	1/0/0	0/0/0	1/1/0	2/0/0	1/0/0	1/0/0	1/0/0	0/0/0	1/0/0	1/0/0	0/0/0	2/0/0	2/0/0	1/0/0	1/0/0	0/0/0	
unchecked_low_level_calls	14/16/8	15/14/8	16/11/6	7/10/3	8/9/3	6/2/1	12/11/5	14/5/1	14/5/4	7/10/2	8/9/3	10/5/1	9/10/4	8/11/5	6/8/4	15/14/7	14/14/7	12/13/8	7/10/2	8/11/5	
access_control	12/9/6	10/12/6	11/8/6	13/7/6	9/13/7	8/9/6	18/7/3	9/12/6	9/9/6	14/5/4	12/10/6	7/8/4	12/8/6	9/13/7	8/9/6	12/7/5	9/12/6	9/9/6	13/8/6	10/13/7	
reentrancy	21/4/1	23/3/0	24/7/5	8/6/0	7/18/1	1/3/0	24/2/0	22/10/6	24/3/2	7/7/0	9/15/0	2/3/0	7/7/0	6/19/1	1/3/0	20/6/2	21/11/6	19/8/2	7/7/0	8/16/0	
float_overflow	3/2/0	4/1/0	2/3/0	2/3/0	2/1/0	1/2/0	2/3/0	3/1/0	3/2/0	2/4/0	4/1/0	1/2/0	2/3/0	2/2/0	0/3/0	2/3/0	3/1/0	2/3/0	2/3/0	3/1/0	
bad_randomness	7/0/0	7/0/0	2/3/0	5/1/0	5/5/4	0/1/0	7/0/0	7/0/0	7/1/0	5/1/0	5/5/4	0/1/0	5/1/0	5/5/4	0/1/0	6/1/0	7/0/0	2/3/0	5/0/0	5/4/4	
arithmetic	16/11/7	13/13/6	13/6/6	12/12/8	12/13/6	6/5/5	16/11/7	13/12/5	11/5/5	17/10/10	17/11/9	12/5/5	13/12/8	11/14/6	6/7/5	16/11/7	12/13/5	11/7/7	13/13/8	12/14/7	
time_computations	1/1/0	4/0/0	3/0/0	0/2/0	0/0/0	0/0/0	2/1/0	4/0/0	1/0/0	1/2/0	0/0/0	0/0/0	0/2/0	0/0/0	0/0/0	0/2/0	4/0/0	1/0/0	0/2/0	0/0/0	