

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>joint</sub></sub>	FLAMES100k   pre <sub>VL<sub>joint</sub></sub>	CodeLlama7B   pre <sub>VL<sub>joint</sub></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   V <sub>L<sub>joint</sub></sub>
denial_of_service	3/1/1	3/1/1	2/2/1	2/1/0	2/3/1	1/2/1	4/1/1	4/2/2	3/1/1	2/1/0	2/2/0	1/1/0	2/1/0	2/3/1	1/2/1	3/1/1	3/2/2	1/2/1	2/1/0	2/3/1	1/2/1
other	1/1/0	2/0/0	2/0/0	2/0/0	2/0/0	1/0/0	2/0/0	2/0/0	1/0/0	2/0/0	2/0/0	1/0/0	2/0/0	2/0/0	1/0/0	2/0/0	2/0/0	1/0/0	1/0/0	2/0/0	1/0/0
unchecked_low_level_calls	15/16/9	17/11/7	16/11/6	9/9/0	14/11/0	7/8/4	17/11/0	16/2/0	14/6/4	13/7/0	16/0/0	10/8/4	8/15/3	14/6/4	7/13/7	17/15/10	16/11/6	14/14/10	10/13/3	15/5/4	7/13/7
access_control	11/11/6	10/12/6	12/8/7	9/12/6	11/12/7	3/4/3	10/10/5	11/12/7	8/6/4	12/9/5	13/10/7	4/3/3	7/14/6	9/14/7	3/4/3	7/14/6	9/14/7	8/6/4	8/12/4	10/13/7	4/3/3
reentrancy	18/5/0	23/3/0	24/7/5	14/18/7	8/21/3	8/11/0	21/5/1	23/10/7	25/2/1	13/16/4	10/18/2	8/11/0	15/16/6	7/22/3	7/16/4	19/6/2	21/12/7	24/7/5	14/17/6	9/19/2	7/16/4
float_overflow	5/0/0	4/1/0	2/3/0	3/2/0	3/3/0	0/2/0	6/0/0	4/2/0	2/2/0	3/2/0	4/2/0	0/2/0	3/2/0	3/3/0	0/2/0	5/0/0	5/2/0	1/3/0	3/2/0	4/2/0	0/2/0
bad_randomness	7/1/1	7/0/0	2/3/0	7/4/4	5/3/1	3/2/1	7/2/2	7/1/1	5/1/0	6/4/3	5/3/1	4/2/1	6/5/4	5/3/1	7/3/3	6/2/1	1/3/0	5/3/2	5/2/1	2/3/1	
arithmetic	14/13/7	13/13/6	13/6/6	10/12/5	14/11/6	5/5/4	15/8/4	16/6/3	11/6/6	12/12/7	16/9/7	6/1/1	13/11/6	12/12/4	5/5/4	15/11/6	12/14/6	11/8/8	11/12/5	11/14/5	5/3/2
time_computations	2/1/1	4/0/0	3/0/0	1/3/0	3/3/2	0/0/0	4/0/0	4/1/1	2/0/0	3/2/1	3/3/2	1/1/1	1/2/0	2/3/1	0/0/0	2/2/1	4/1/1	1/0/0	2/2/1	2/3/1	0/1/0