

Compiler settings	Safe	Safe	Rigorous
Number of UM OpenMP threads	0	2	2
Approximate run-time on 2-core VM (1 × 2) (minutes)	8	11	29
Approximate run-time on 4-core VM (1 × 2) (minutes)	8	4	17
Approximate run-time on 4-core VM (1 × 4) (minutes)	5	8	22
Approximate run-time on 8-core VM (1 × 4) (minutes)	5	3	14
Approximate run-time on 8-core VM (1 × 8) (minutes)	3	6	26
Approximate run-time on 16-core VM (1 × 8) (minutes)	3	3	22