

Correlation matrix of possible predictor variables for execution time

	total_instruction_count	operand_sum	instructions_per_operand	workitems	branch_entropy_linear	total_memory_footprint	local_memory_address_entropy_2	local_memory_address_entropy_1	global_memory_address_entropy	granularity	local_memory_address_entropy_4	local_memory_address_entropy_9	local_memory_address_entropy_3	local_memory_address_entropy_8	local_memory_address_entropy_10	min_instructions_to_barrier	max_instructions_to_barrier	local_memory_address_entropy_7	local_memory_address_entropy_6	local_memory_address_entropy_5	barriers_per_instruction	run	ninety_percent_memory_footprint	total_barriers_hit	total_unique_branch_instructions	mean_simd_width	branch_entropy_yokota	stddev_simd_width	max_simd_width	ninety_percent_branch_instructions	opcode		
total_instruction_count	100	1	8	0	5	1	1	1	1	2	2	2	2	2	0	0	0	1	1	1	1	0	0	2	0	1	0	1	1	0	5		
operand_sum	100	1	8	0	5	1	1	1	1	2	2	2	2	2	0	0	0	2	1	1	1	0	0	2	0	1	0	1	1	0	5		
instructions_per_operand	1	110	1	4	1	3	3	3	1	2	1	2	1	1	1	1	1	1	2	1	1	0	0	1	3	10	110	1	1	0	3	4	
workitems	8	8	110	1	7	3	3	2	1	4	4	4	4	4	0	0	0	4	4	4	1	0	5	0	1	1	1	1	1	1	1	4	
branch_entropy_linear	0	0	4	110	1	4	4	4	3	4	3	4	3	3	1	1	1	4	4	4	7	0	2	2	4	0	4	4	4	3	2		
total_memory_footprint	5	5	1	7	110	4	4	2	2	4	4	4	4	5	0	0	0	4	4	4	1	0	8	3	0	1	0	1	1	0	2		
local_memory_address_entropy_2	1	1	1	3	3	4	4	0	1	0	4	0	4	0	9	0	0	1	0	1	0	4	0	5	2	3	3	3	3	2	1		
local_memory_address_entropy_1	1	1	1	3	3	4	4	0	1	0	4	0	4	0	9	0	0	1	0	1	0	4	0	5	2	3	3	3	3	2	1		
global_memory_address_entropy	1	1	1	3	2	4	2	0	1	0	4	0	4	0	9	0	0	0	9	1	0	4	0	3	2	3	3	3	3	2	1		
granularity	1	1	1	1	3	2	4	4	4	0	4	4	4	4	1	1	1	1	4	4	4	6	0	1	1	1	1	1	1	1	0	1	
local_memory_address_entropy_4	2	2	2	4	4	4	0	1	0	4	0	1	0	1	0	9	0	0	1	0	1	0	4	0	5	2	3	2	3	2	2	1	
local_memory_address_entropy_9	2	2	1	4	3	4	9	9	9	4	0	1	0	1	0	0	0	0	1	0	1	0	3	0	5	2	3	1	3	1	1	3	1
local_memory_address_entropy_3	1	1	1	2	4	4	0	1	0	4	0	1	0	1	0	9	0	0	1	0	1	0	4	0	5	2	3	2	3	2	2	1	
local_memory_address_entropy_8	2	2	1	4	3	4	0	1	0	9	4	0	1	0	1	0	0	0	1	0	1	0	4	0	5	2	3	1	3	1	1	3	1
local_memory_address_entropy_10	2	2	1	4	3	5	9	9	9	4	9	0	9	0	1	0	1	1	0	1	0	3	0	5	2	3	1	2	1	1	3	1	
min_instructions_to_barrier	0	0	1	0	1	0	0	0	0	1	0	0	0	0	11	0	1	0	0	0	0	1	0	0	0	1	1	0	1	1	1	1	
median_instructions_to_barrier	0	0	1	0	1	0	0	0	0	1	0	0	0	0	11	0	1	0	0	0	0	1	0	0	0	1	1	0	1	1	1	1	
max_instructions_to_barrier	0	0	1	0	1	0	0	0	0	1	0	0	0	0	11	0	1	0	0	0	0	1	0	0	0	1	1	0	1	1	1	1	
local_memory_address_entropy_7	1	1	1	4	4	4	0	1	0	4	0	1	0	1	0	0	0	0	1	0	1	0	4	0	5	2	3	1	3	1	1	3	1
local_memory_address_entropy_6	1	1	1	4	4	4	0	1	0	4	0	1	0	1	0	0	0	0	1	0	1	0	4	0	5	2	3	1	3	1	1	2	1
local_memory_address_entropy_5	1	1	1	2	4	4	0	1	0	4	0	1	0	1	0	0	0	0	1	0	1	0	4	0	5	2	3	2	3	2	1	2	1
barriers_per_instruction	1	1	1	1	7	1	4	4	4	6	4	3	4	4	3	1	1	1	4	4	4	0	1	0	1	1	1	0	1	1	2	1	
run	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ninety_percent_memory_footprint	0	0	0	5	2	8	5	5	3	1	5	5	5	5	0	0	0	5	5	5	1	0	0	0	1	0	0	0	0	0	1	0	0
total_barriers_hit	2	2	1	0	2	3	2	2	1	2	2	2	2	2	0	0	0	2	2	2	1	0	0	0	5	1	0	1	1	2	0	0	
total_unique_branch_instructions	0	0	3	1	4	0	3	3	3	1	3	3	3	3	1	1	1	3	3	3	1	0	1	5	0	3	2	3	3	9	3	0	
mean_simd_width	1	1	10	1	4	1	3	3	3	1	2	1	2	1	1	1	1	1	1	1	2	1	0	0	1	3	10	110	1	0	3	4	
branch_entropy_yokota	0	0	1	1	0	0	3	3	3	1	3	3	3	2	0	0	0	3	3	3	0	0	0	0	2	110	1	1	5	4	0	0	
stddev_simd_width	1	1	10	1	4	1	3	3	3	1	2	1	2	1	1	1	1	1	1	1	2	1	0	0	1	3	10	110	1	0	3	4	
max_simd_width	1	1	10	1	4	1	3	3	3	1	2	1	2	1	1	1	1	1	1	1	1	1	0	0	1	3	10	110	1	0	3	4	
ninety_percent_branch_instructions	0	0	3	1	3	0	2	2	2	0	2	3	2	3	3	1	1	1	3	2	2	2	0	1	2	9	3	5	3	3	0	5	
opcode	5	5	4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	3	4	4	4	4	5	0	