<u>Lab 4 Parts D + E Reference Outputs (mix1: libg.mtr.gz + bzip2.mtr.gz)</u>

Part D:

D.mix1.res

CYCLES : 218921211

CORE_0_INST : 100000000 CORE_0_CYCLES : 1324 CORE_0_IPC : 0.755 : 132441010

CORE_1_INST : 100000000

: 218921210

CORE_1_CYCLES : 2° CORE_1_IPC : 0.457

MEMSYS_IFETCH_ACCESS : 200000000 MEMSYS LOAD ACCESS : 75980799 MEMSYS_LOAD_ACCESS : 7598079
MEMSYS_STORE_ACCESS : 2338664
MEMSYS_IFETCH_AVGDELAY : 1.000
MEMSYS_LOAD_AVGDELAY : 2.992
MEMSYS_STORE_AVGDELAY : 1.957 : 23386645 : 1.000

ICACHE_0_READ_ACCESS : 100000000
ICACHE_0_WRITE_ACCESS : 0
ICACHE_0_READ_MISS : 222
ICACHE_0_WRITE_MISS : 0
ICACHE_0_READ_MISS_PERC : 0.000
ICACHE_0_WRITE_MISS_PERC : 0.000
ICACHE_0_URITE_MISS_PERC : 0.000
ICACHE_0_DIRTY_EVICTS : 0

DCACHE_0_READ_ACCESS : 39627441
DCACHE_0_WRITE_ACCESS : 15885877
DCACHE_0_READ_MISS : 693106
DCACHE_0_WRITE_MISS : 228454
DCACHE_0_READ_MISS_PERC : 1.749
DCACHE_0_WRITE_MISS_PERC : 1.438
DCACHE_0_DIRTY_EVICTS : 360220

ICACHE_1_READ_ACCESS : 100000000
ICACHE_1_WRITE_ACCESS : 0
ICACHE_1_READ_MISS : 17
ICACHE_1_WRITE_MISS : 0
ICACHE_1_READ_MISS_PERC : 0.000

ICACHE_1_WRITE_MISS_PERC : 0.00
ICACHE_1_DIRTY_EVICTS : 0 0.000 ICACHE_1_DIRTY_EVICTS

DCACHE 1 READ ACCESS : 36353358

: 7500768 DCACHE_1_WRITE_ACCESS DCACHE_1_READ_MISS : 1191176 : 2321 DCACHE_1_WRITE_MISS DCACHE_1_READ_MISS_PERC : 3.277 DCACHE_1_WRITE_MISS_PERC
DCACHE_1_DIRTY_EVICTS : 0.031 DCACHE_1_DIRTY_EVICTS : 268702

L2CACHE READ ACCESS : 2115296 : 628922 L2CACHE_WRITE_ACCESS

L2CACHE READ MISS : 1515252

: 71.633 0.380 L2CACHE_DIRTY_EVICTS : 442724

DRAM READ ACCESS : 1515252 DRAM_WRITE_ACCESS : 442724 DRAM_READ_DELAY_AVG : 100.709 DRAM_WRITE_DELAY_AVG : 144.995

Part E:

E.Q1.mix1.res

CYCLES : 217176541

CORE_0_INST : 100000000

: 137443845

CORE_0_CYCLES CORE_0_IPC : 0.728

CORE_1_INST : 100000000

CORE_1_CYCLES : 217176540

CORE_1_IPC 0.460

MEMSYS IFETCH ACCESS : 200000000 MEMSYS LOAD ACCESS : 75980799 MEMSYS_STORE_ACCESS : 23386645 MEMSYS_IFETCH_AVGDELAY : 1.000
MEMSYS_LOAD_AVGDELAY : 3.035
MEMSYS_STORE_AVGDELAY : 2.023

ICACHE 0 READ ACCESS : 100000000

ICACHE_0_WRITE_ACCESS : 0

ICACHE_0_READ_MISS : 222

ICACHE_0_NEAD_MISS : 0
ICACHE_0_READ_MISS_PERC : ICACHE_0_WRITE_MISS_PERC : 0.000 0.000 ICACHE 0 DIRTY EVICTS 0

: 39627441 DCACHE 0 READ ACCESS : 15885877 DCACHE_0_WRITE_ACCESS : 693106 DCACHE_0_READ_MISS DCACHE_0_WRITE_MISS : 228454 DCACHE_0_READ_MISS_PERC : 1.749 : 228454 DCACHE_0_WRITE_MISS_PERC : 1.438
DCACHE_0_DIRTY_EVICTS : 360220 : 360220 DCACHE_0_DIRTY_EVICTS

: 100000000 : 0 ICACHE 1 READ ACCESS

ICACHE 1 WRITE ACCESS : 0

ICACHE_1_READ_MISS 17 ICACHE_1_WRITE_MISS : ICACHE_1_READ_MISS_PERC 0

ICACHE_1_READ_MISS_PERC : ICACHE_1_WRITE_MISS_PERC : 0.000 0.000 ICACHE_1_DIRTY_EVICTS 0

DCACHE_1_READ_ACCESS : 36353358 DCACHE_1_WRITE_ACCESS : 7500768 DCACHE 1 READ MISS : 1191176

DCACHE_1_WRITE_MISS : 2321 DCACHE_1_READ_MISS_PERC : 3.277 DCACHE_1_WRITE_MISS_PERC : 0.031 DCACHE_1_DIRTY_EVICTS : 268702

L2CACHE_READ_ACCESS : 2115296 L2CACHE_WRITE_ACCESS : 628922

L2CACHE_READ_MISS : 1563434 L2CACHE_WRITE_MISS : 4662 L2CACHE_READ_MISS_PERC : 73

L2CACHE_READ_MISS_PERC : 73.911 L2CACHE_WRITE_MISS_PERC : 0.741 L2CACHE_DIRTY_EVICTS : 457240

DRAM_READ_ACCESS : 1563434
DRAM_WRITE_ACCESS : 457240
DRAM_READ_DELAY_AVG : 100.674
DRAM_WRITE_DELAY_AVG : 144.983