

Número de linhas

| Função | Nº de Linhas Executáveis |
|--------------------|--------------------------|
| mat_mult_arm.s | 26 |
| mat_mult_thumb.s | 40 |
| mat_mult_c.c | 5 |
| mem_access_arm.s | 16 |
| mem_access_thumb.s | 16 |
| mem_access_c.c | 4 |

Não contabilizado overloads como chamada de função Thumb e push/pop iniciais e finais.

Tamanho do executável

Multiplicação de Matriz

| Nome do executável | Tamanho (bits) |
|---------------------|----------------|
| mat_arm_O0 | 9888 |
| mat_arm_O1 | 9888 |
| mat_arm_O2 | 9904 |
| mat_arm_O3 | 9904 |
| mat_arm_Os | 9904 |
| mat_mult_c_arm_O0 | 8592 |
| mat_mult_c_arm_O1 | 8592 |
| mat_mult_c_arm_O2 | 8608 |
| mat_mult_c_arm_O3 | 8608 |
| mat_mult_c_arm_Os | 8656 |
| mat_mult_c_thumb_O0 | 8596 |
| mat_mult_c_thumb_O1 | 8596 |
| mat_mult_c_thumb_O2 | 8612 |
| mat_mult_c_thumb_O3 | 8612 |
| mat_mult_c_thumb_Os | 8660 |
| mat_thumb_O0 | 9888 |
| mat_thumb_O1 | 9888 |
| mat_thumb_O2 | 9904 |
| mat_thumb_O3 | 9904 |
| mat_thumb_Os | 9904 |

Acesso de Memória

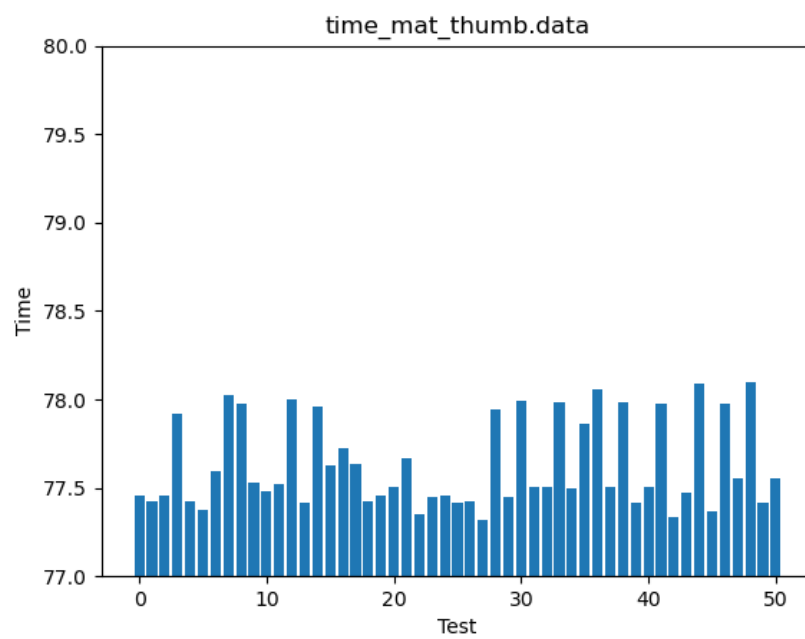
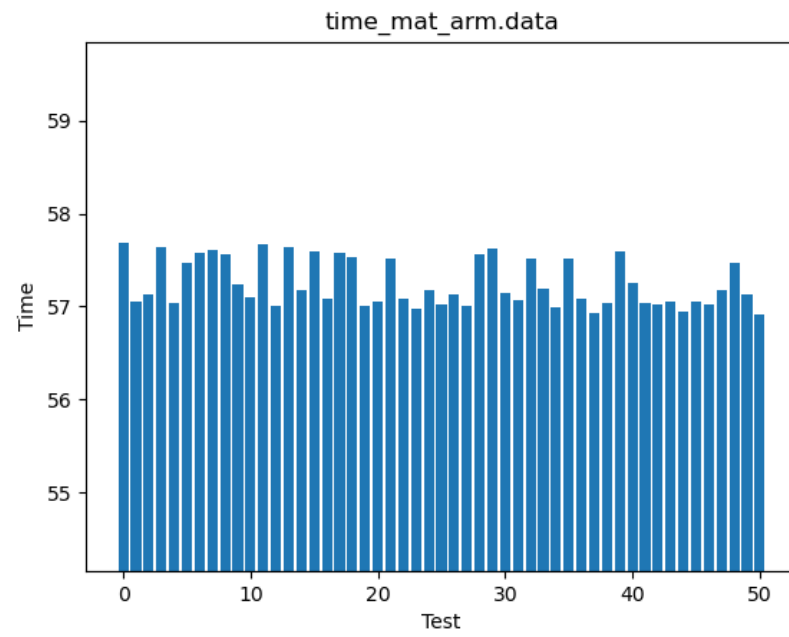
| Nome do executável | Tamanho (bits) |
|-----------------------|----------------|
| mem_access_arm_O0 | 9076 |
| mem_access_arm_O1 | 9076 |
| mem_access_arm_O2 | 9092 |
| mem_access_arm_O3 | 9092 |
| mem_access_arm_Os | 9092 |
| mem_access_c_arm_O0 | 8596 |
| mem_access_c_arm_O1 | 8596 |
| mem_access_c_arm_O2 | 8612 |
| mem_access_c_arm_O3 | 8612 |
| mem_access_c_arm_Os | 8660 |
| mem_access_c_thumb_O0 | 8600 |
| mem_access_c_thumb_O1 | 8600 |
| mem_access_c_thumb_O2 | 8616 |
| mem_access_c_thumb_O3 | 8616 |
| mem_access_c_thumb_Os | 8664 |
| mem_access_thumb_O0 | 9116 |
| mem_access_thumb_O1 | 9116 |
| mem_access_thumb_O2 | 9132 |
| mem_access_thumb_O3 | 9132 |
| mem_access_thumb_Os | 9132 |

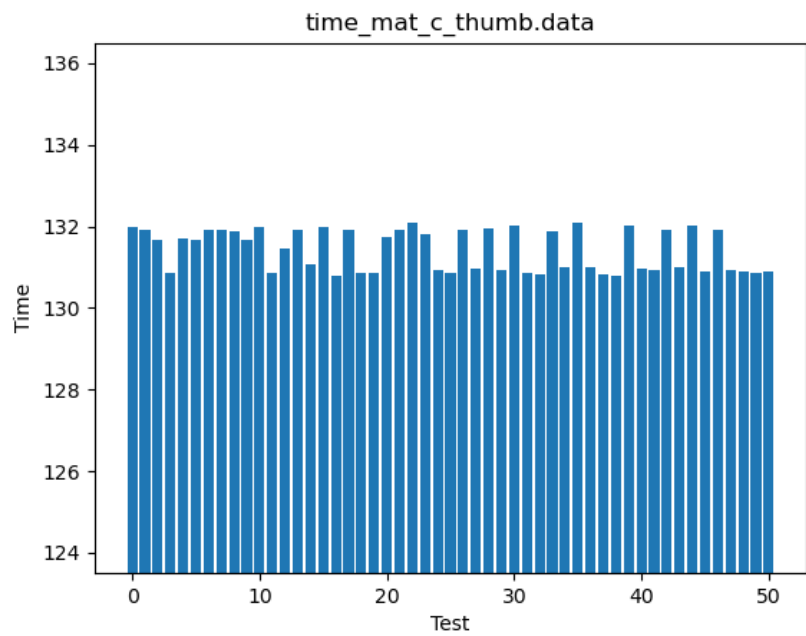
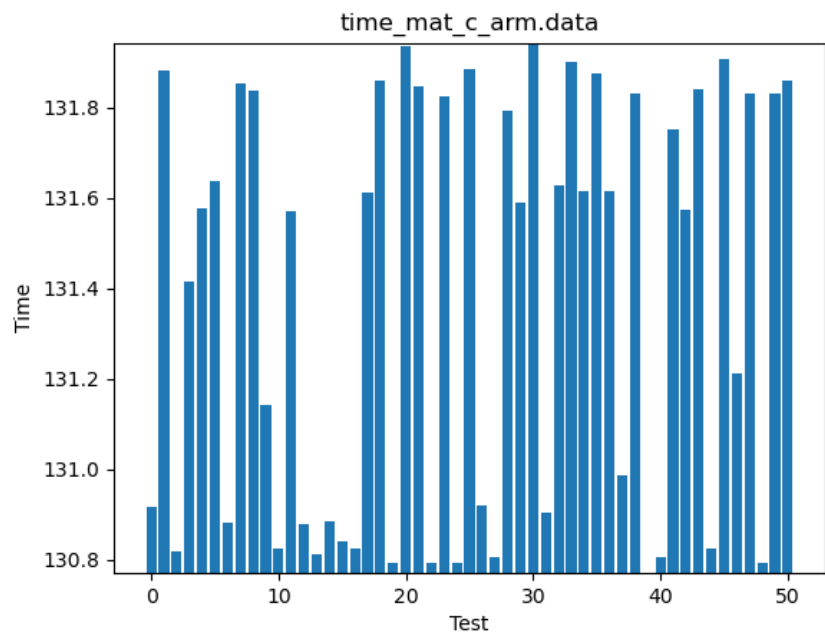
Tempos de execução

Foram medidos apenas o tempo de execução dos programas compilados com otimização padrão (O0).

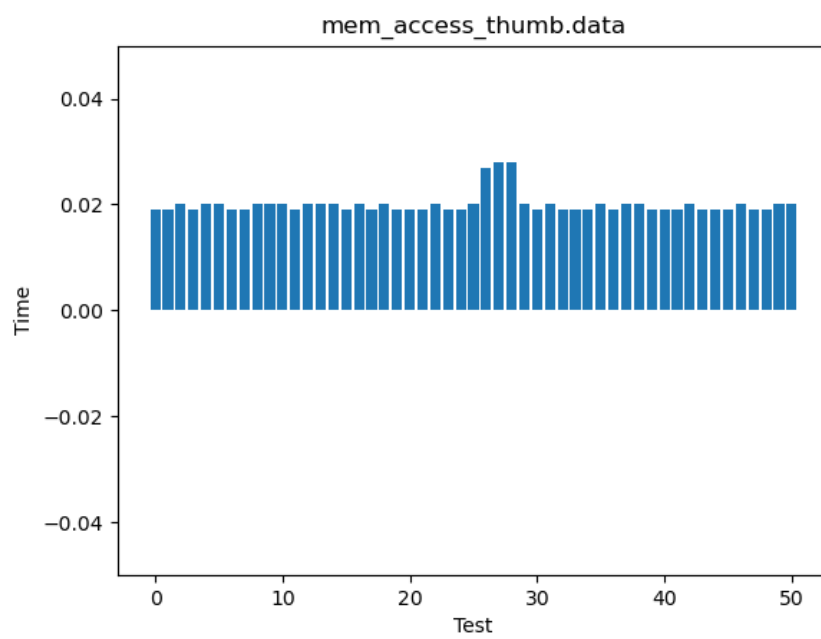
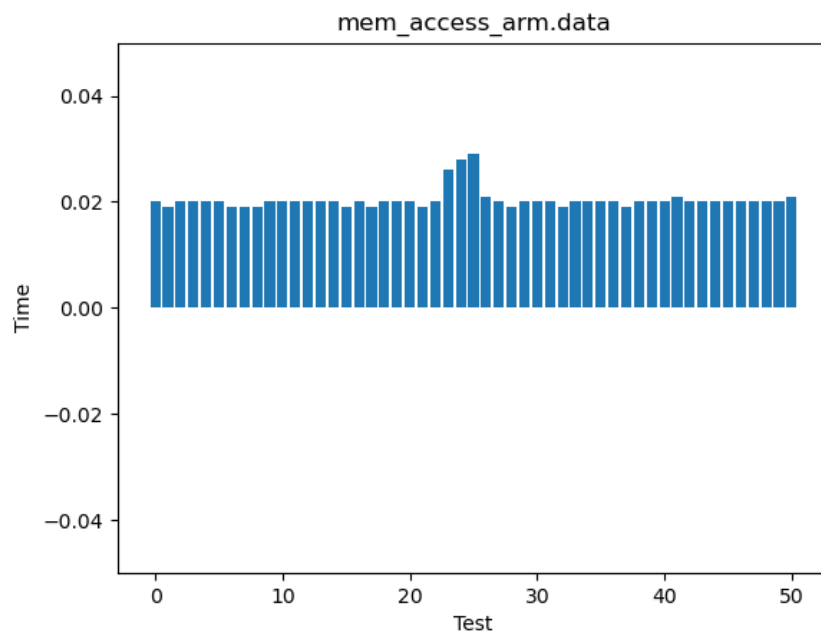
Raw

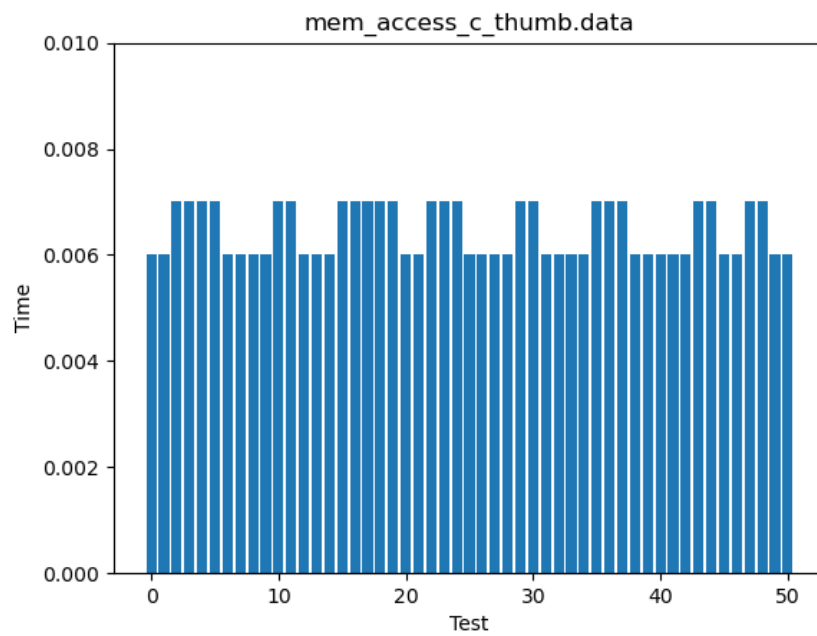
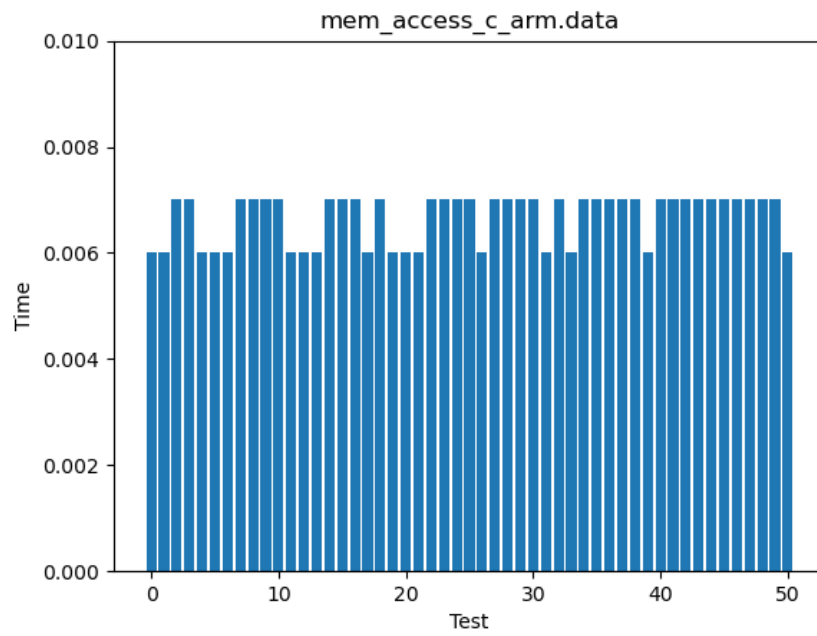
Multiplicação de Matriz





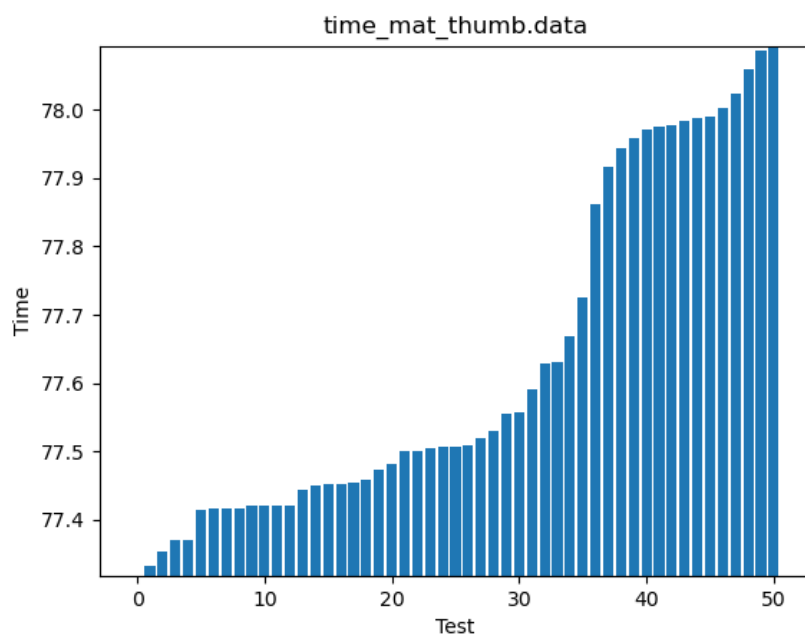
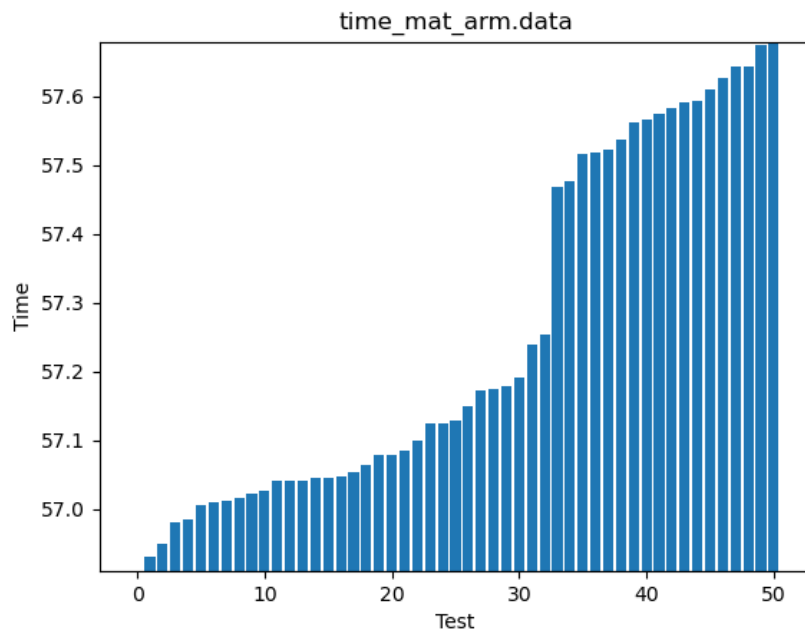
Acesso de Memória

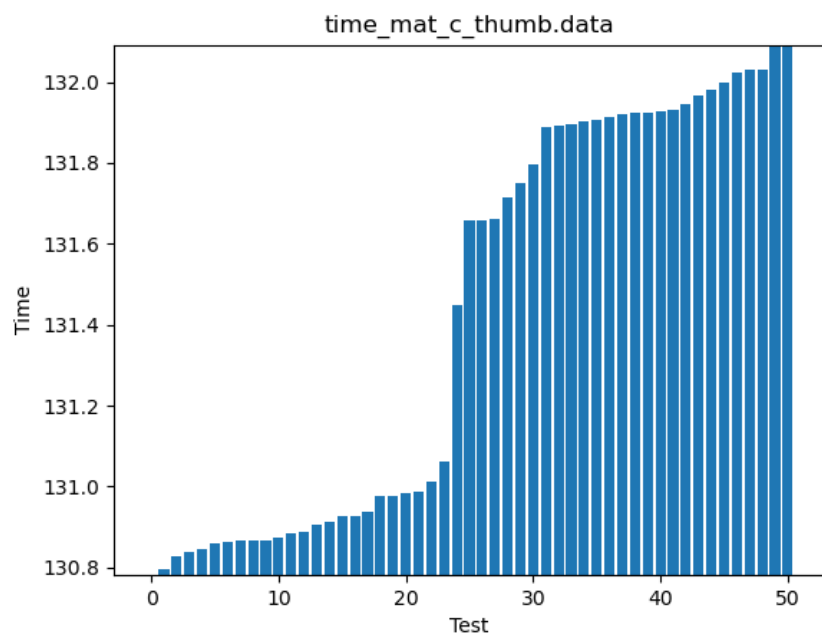
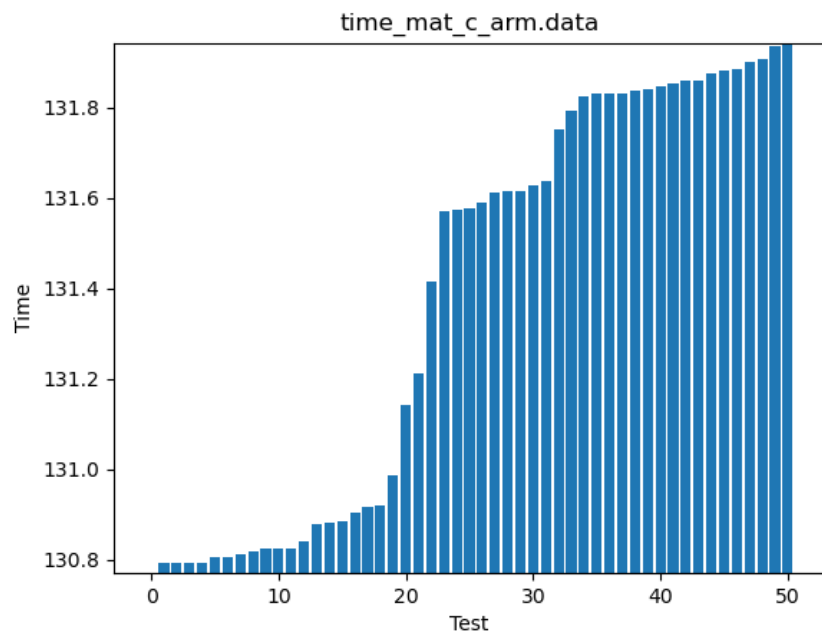




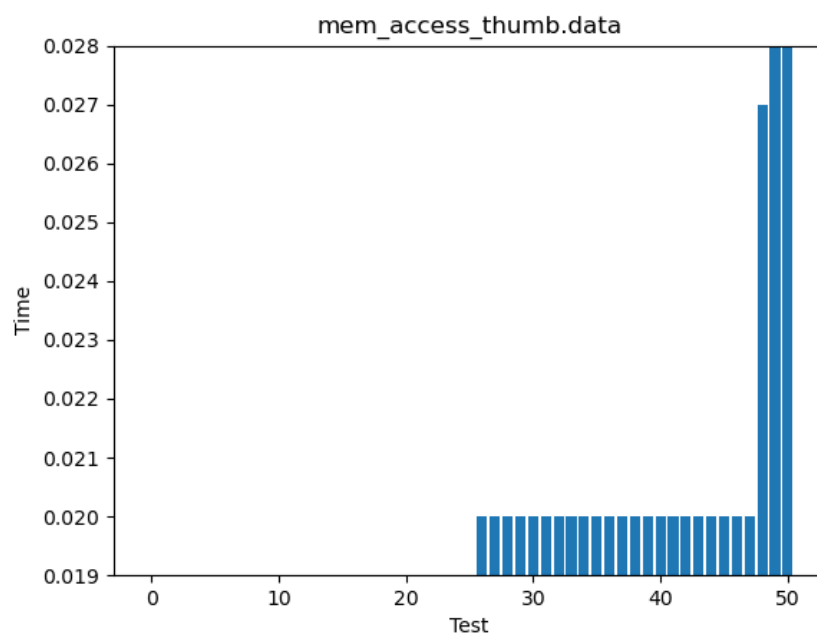
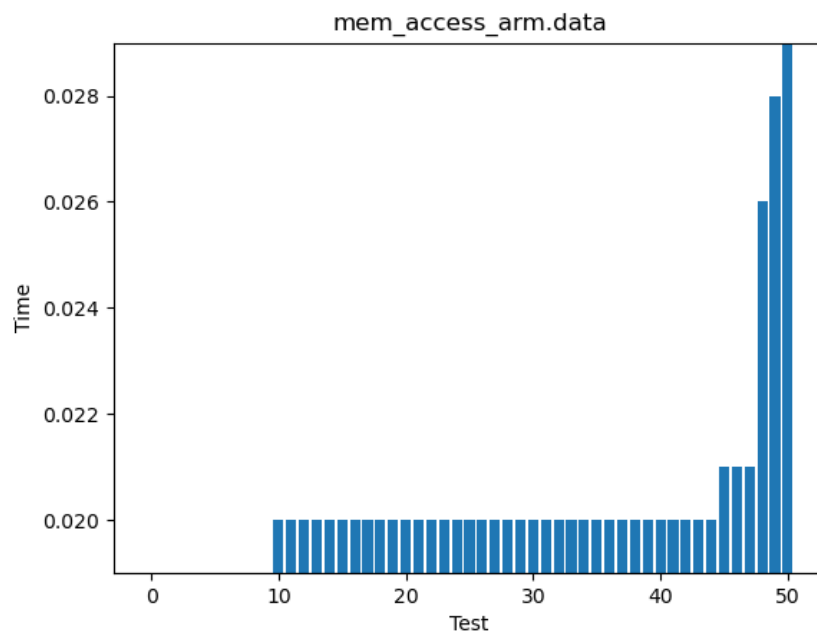
Ordenado

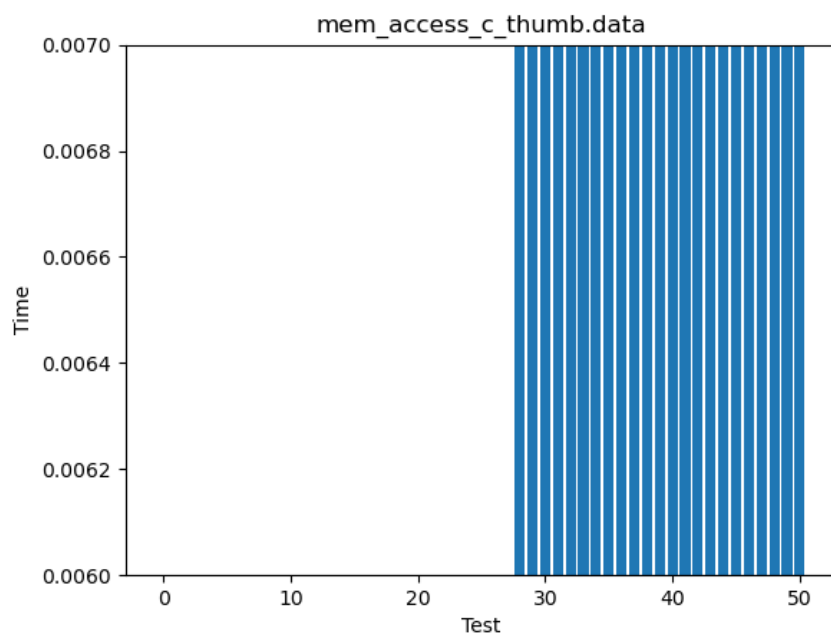
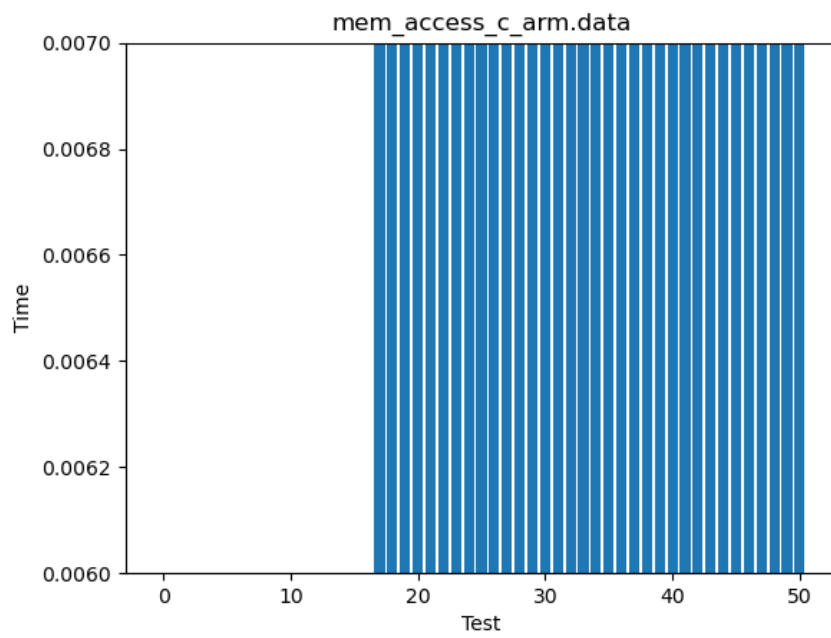
Multiplicação de Matriz





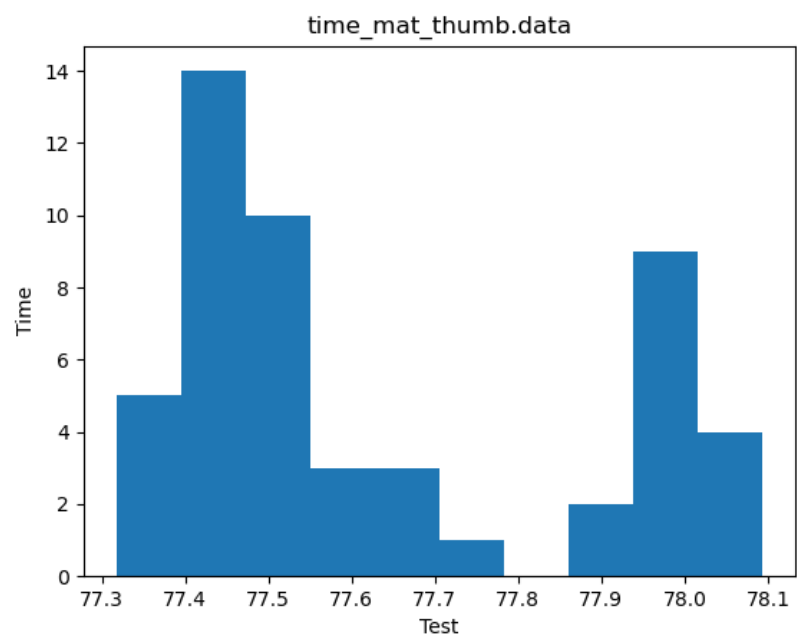
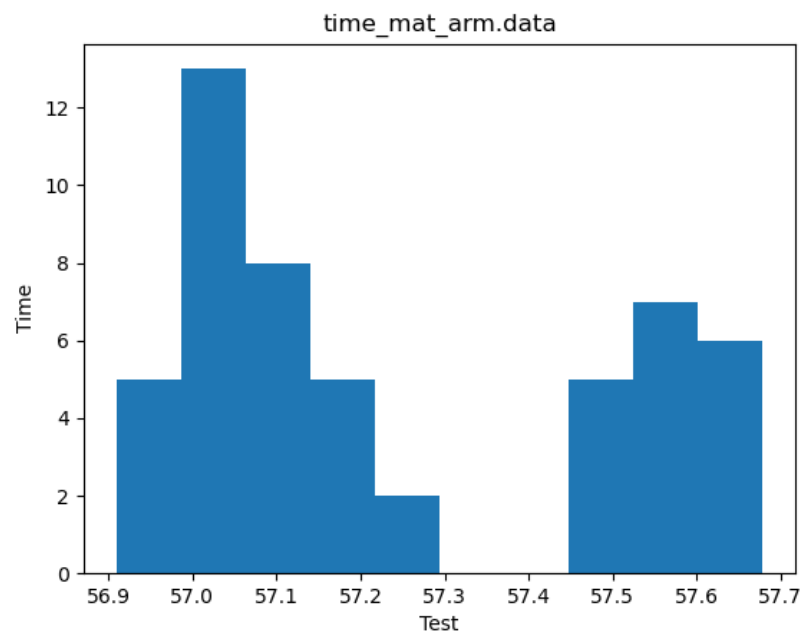
Acesso de Memória

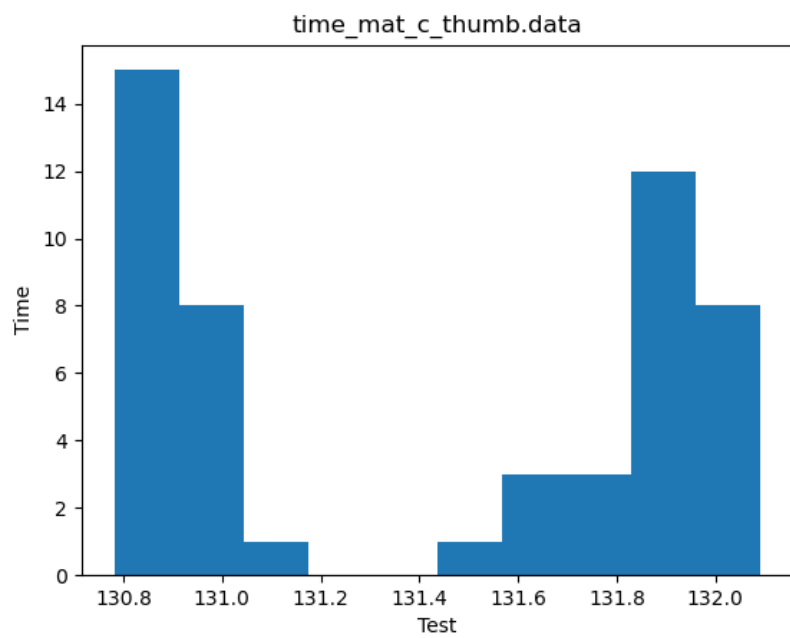
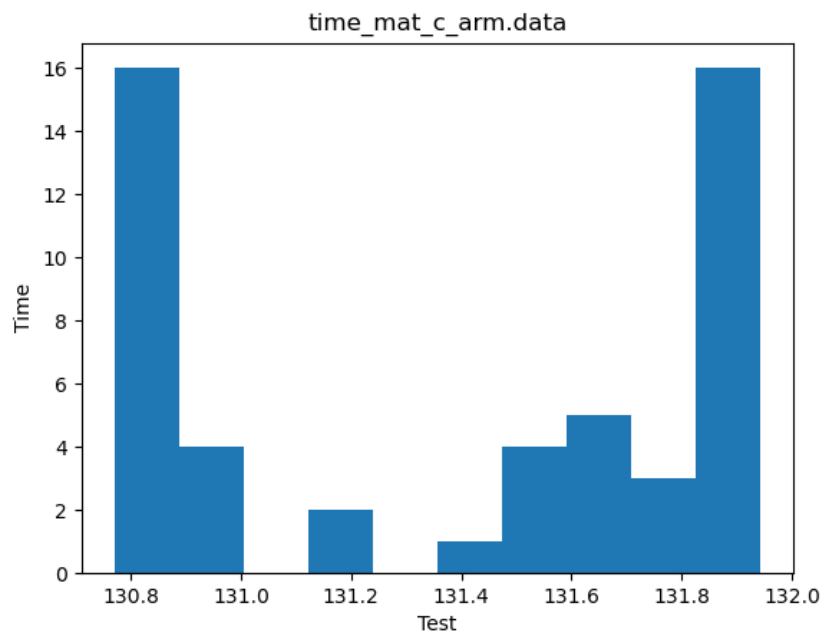




Histogramas

Multiplicação de Matriz





Acesso de Memória

