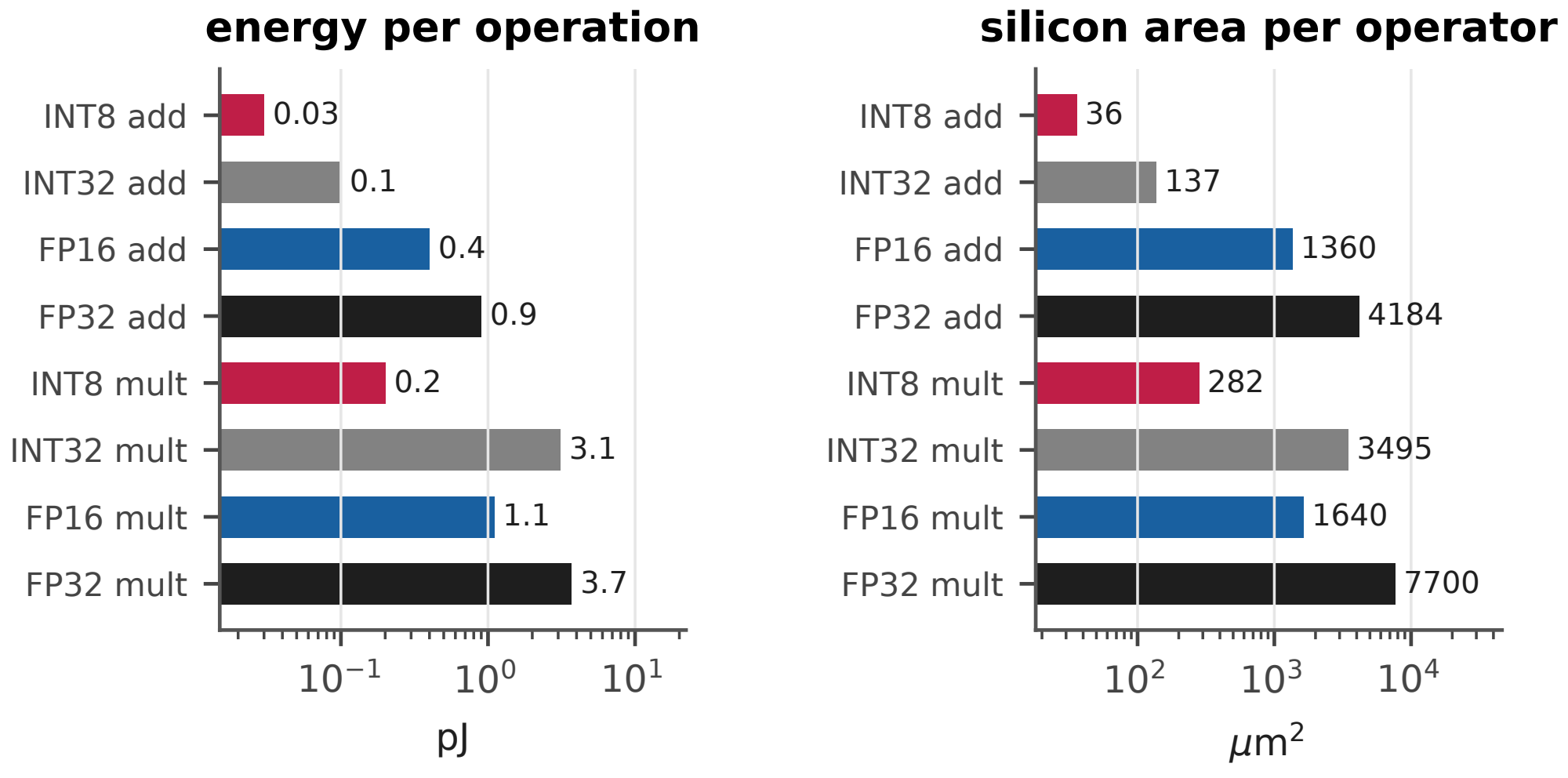

energy per operation
INT8 add
INT32 add
FP16 add
FP32 add
INT8 mult
INT32 mult
FP16 mult
FP32 mult
0.03
0.1
0.4
0.9
0.2
3.1
1.1
3.7
10^{-1}
10^{0}
10^{1}
pJ
silicon area per operator
INT8 add
INT32 add
FP16 add
FP32 add
INT8 mult
INT32 mult
FP16 mult
FP32 mult
36
137
1360
4184
282
3495
1640
7700
10^{2}
10^{3}
10^{4}
μm^2