Figure L.1 Ratio of MIPS M2000 to VAX 8700 in instructions executed and performance in clock cycles using SPEC89 programs. On average, MIPS executes a little over twice as many instructions as the VAX, but the CPI for the VAX is almost six times the MIPS CPI, yielding almost a threefold performance advantage. (Based on data from Bhandarkar and Clark [1991].)