

Option	doduc	ear	hydro2d	mdljdp2	su2cor	FP average
Stack (2nd operand ST (1))	1.1%	0.0%	0.0%	0.2%	0.6%	0.4%
Register (2nd operand ST(i), $i > 1$)	17.3%	63.4%	14.2%	7.1%	30.7%	26.5%
Memory	81.6%	36.6%	85.8%	92.7%	68.7%	73.1%

FIGURE E.43 The percentage of instructions for the floating-point operations (add, sub, mul, div) that use each of the three options for specifying a floating-point operand on the 80x86. The three options are (1) the strict stack model of implicit operands on the stack, (2) register version naming an explicit operand that is not one of the top two elements of the stack, and (3) memory operand.