










Q22*:MPI+X	C(++)	>=F90	Py	<F90	Java
OMP	0	0.87	1.7	2.6	3.5
Pthread	4.3	5.2	6.1	6.9	7.8
OACC	8.7	9.5	10	11	12
CUDA	13	14	15	16	16
No	17	18	19	20	21