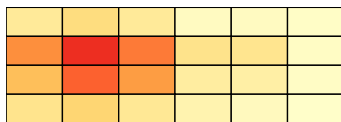
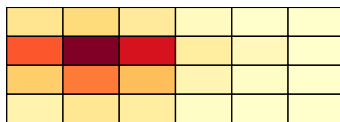


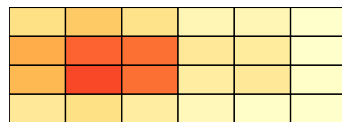
overall



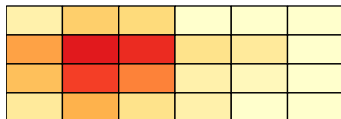
Europe:France



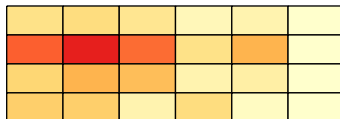
Europe:Germany



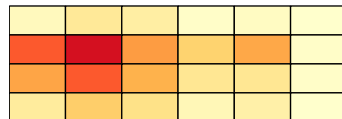
Europe:Italy



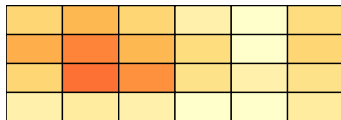
Europe:UK



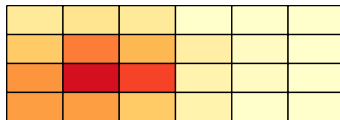
Europe:others



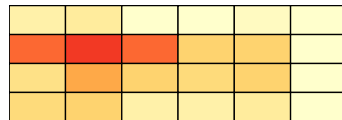
Japan



Russia



USA



Q29:Performance and Portability

Performance 4 3 2 1

0	0.7	1.4	2.1	2.8	3.5
4.2	4.9	5.6	6.3	7	7.7
8.4	9.1	9.8	10	11	12
13	13	14	15	15	16

MPICH

OMPI

Intel

MVA

Cray

Fujitsu

Q12*:MPI Implementation