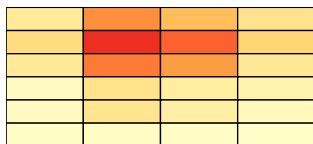
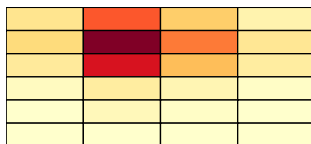


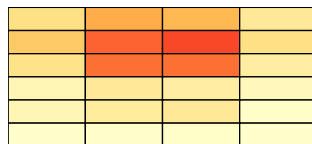
overall



Europe:France



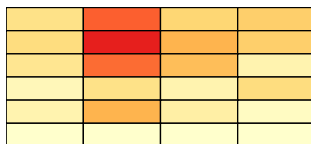
Europe:Germany



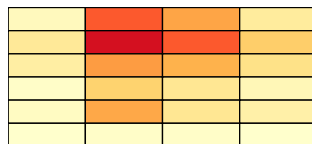
Europe:Italy



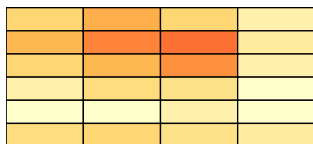
Europe:UK



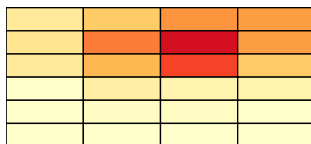
Europe:others



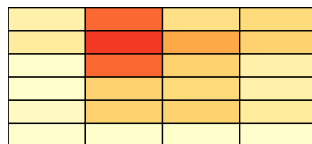
Japan



Russia



USA



Q12\*:MPI Implementation

MPICH	0	0.7	1.4	2.1
OMPI	2.8	3.5	4.2	4.9
Intel	5.6	6.3	7	7.7
MVA	8.4	9.1	9.8	10
Cray	11	12	13	13
Fujitsu	14	15	15	16

2

3

4

Performance

Q29:Performance and Portability