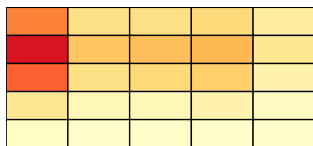
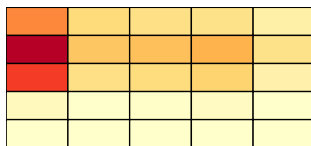


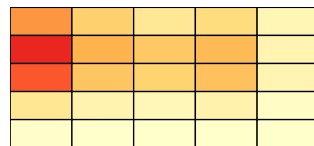
overall



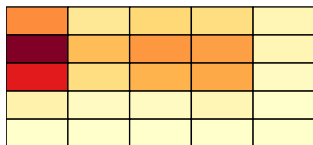
Europe:France



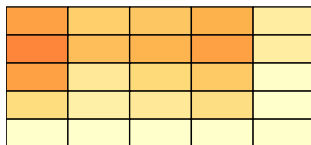
Europe:Germany



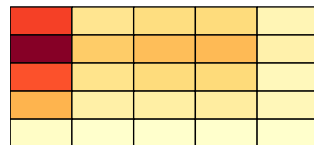
Europe:Italy



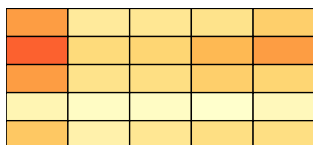
Europe:UK



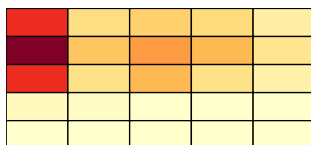
Europe:others



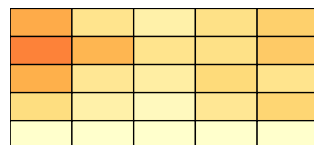
Japan



Russia



USA



Q12*:MPI Implementation

MPICH	0	0.55	1.1	1.6	2.2
OMPI	2.7	3.3	3.8	4.4	4.9
Intel	5.5	6	6.6	7.1	7.7
Cray	8.2	8.8	9.3	9.8	10
Fujitsu	11	11	12	13	13

Apps

Tools

Parallelize

Tuning

OS/R

Q8*:Role