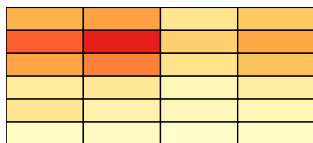
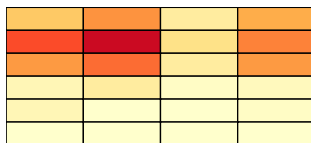


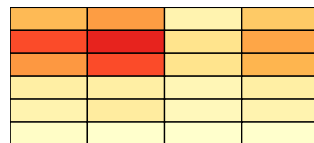
overall



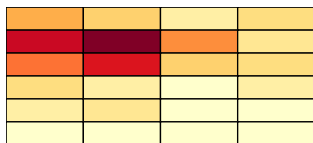
Europe:France



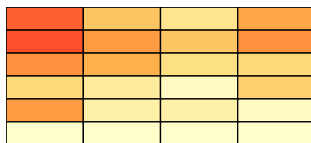
Europe:Germany



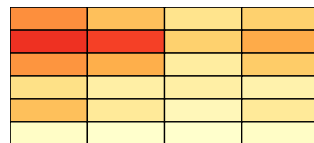
Europe:Italy



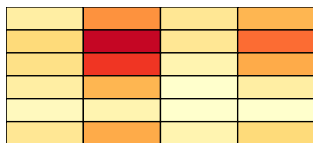
Europe:UK



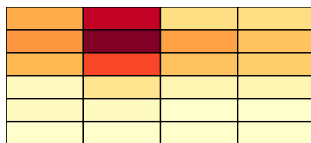
Europe:others



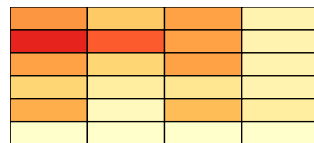
Japan



Russia



USA



Q12*:MPI Implementation

MPICH	0	0.57	1.1	1.7
OMPI	2.3	2.8	3.4	4
Intel	4.6	5.1	5.7	6.3
MVA	6.8	7.4	8	8.5
Cray	9.1	9.7	10	11
Fujitsu	11	12	13	13

Algorithm

Debugging

Decomposition

Tuning

Q15:MPI Difficulty