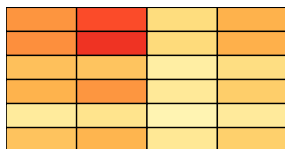
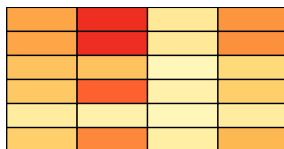


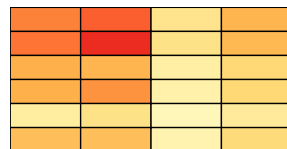
overall



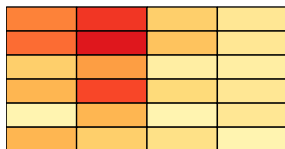
Europe:France



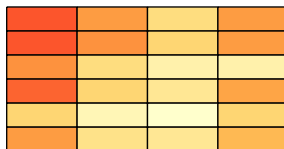
Europe:Germany



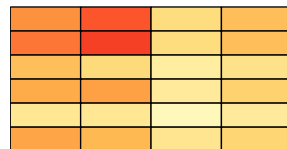
Europe:Italy



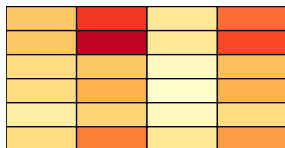
Europe:UK



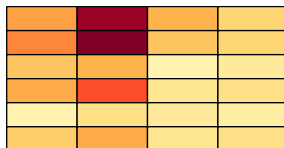
Europe:others



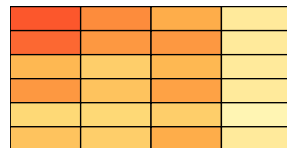
Japan



Russia



USA



Q17*:MPI Aspects

Pt2Pt	0	0.46	0.93	1.4
Coll	1.9	2.3	2.8	3.2
Comm Ops	3.7	4.2	4.6	5.1
Datatypes	5.6	6	6.5	6.9
One-sided	7.4	7.9	8.3	8.8
w/ OMP	9.3	9.7	10	11

Algorithm

Debugging

Decomposition

Tuning

Q15:MPI Difficulty