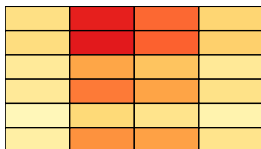
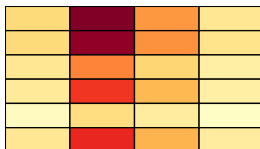


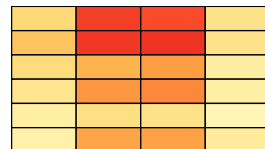
overall



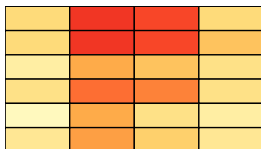
Europe:France



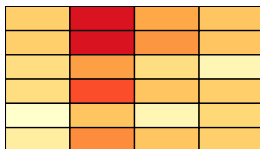
Europe:Germany



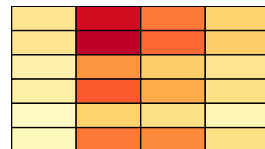
Europe:Italy



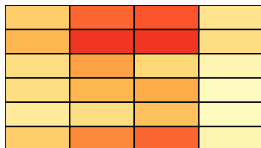
Europe:UK



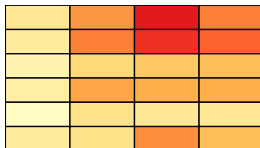
Europe:others



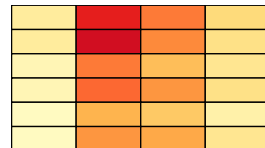
Japan



Russia



USA



Q17*:MPI Aspects

Point-to-point	0	0.48	0.95	1.4
Collectives	1.9	2.4	2.9	3.3
Communicator	3.8	4.3	4.8	5.2
Datatypes	5.7	6.2	6.7	7.2
One-sided	7.6	8.1	8.6	9.1
with OpenMP	9.5	10	10	11

2

3

4

Performance

Q29:Performance and Portability