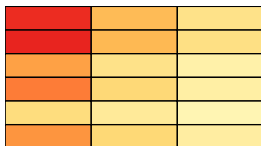
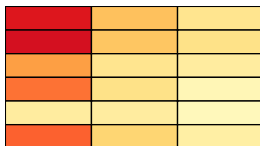


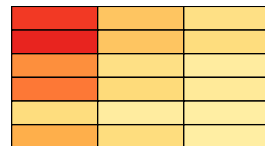
overall



Europe:France



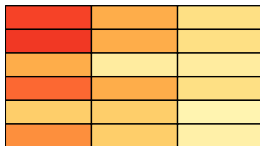
Europe:Germany



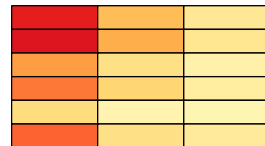
Europe:Italy



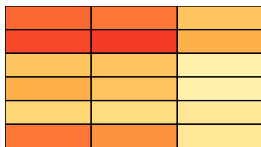
Europe:UK



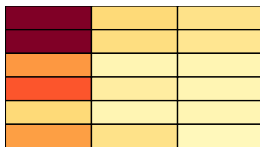
Europe:others



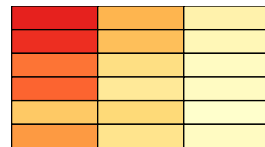
Japan



Russia



USA



Q17*:MPI Aspects

Point-to-point	0	0.62	1.2
Collectives	1.9	2.5	3.1
Communicator	3.7	4.3	5
Datatypes	5.6	6.2	6.8
One-sided	7.4	8.1	8.7
with OpenMP	9.3	9.9	11

No obstacles

Too many routines

Complicated

Q19*:MPI Obstacles