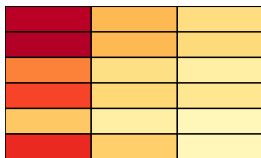
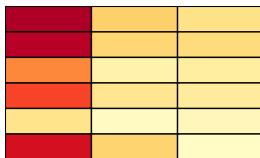


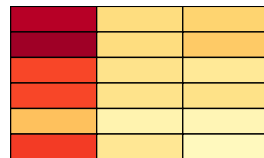
overall



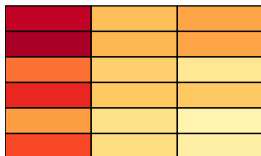
Europe:France



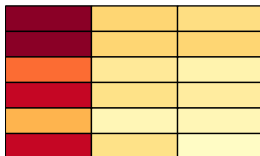
Europe:Germany



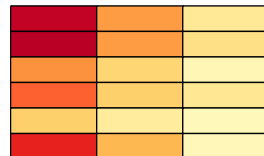
Europe:Italy



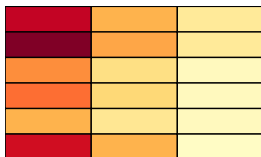
Europe:UK



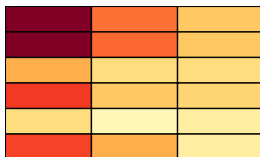
Europe:others



Japan



Russia



USA



Q17\*:MPI Aspects

Point-to-point	0	0.6	1.2
Collectives	1.8	2.4	3
Communicator	3.6	4.2	4.8
Datatypes	5.4	6	6.6
One-sided	7.2	7.8	8.4
with OpenMP	9	9.6	10

OMP

CUDA

No

Q22\*:MPI+X