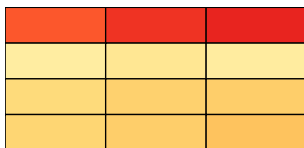
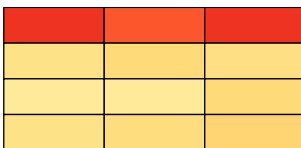


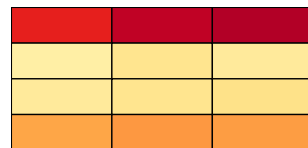
overall



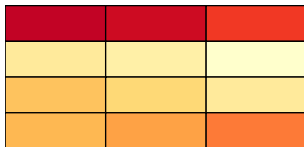
Europe:France



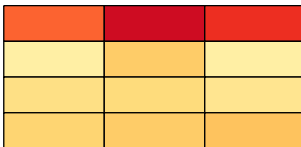
Europe:Germany



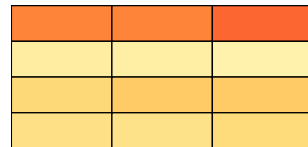
Europe:Italy



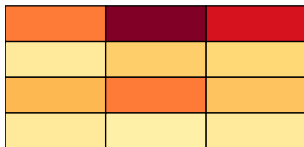
Europe:UK



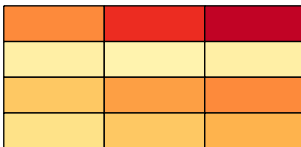
Europe:others



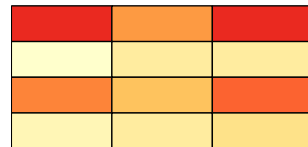
Japan



Russia



USA



Q22*:MPI+X

OMP
Pthread
CUDA
No

0	1.2	2.5
3.7	5	6.2
7.5	8.7	10
11	12	14

Dynamic process

Persistent

PMPI

Q16*:Unknown MPI Features