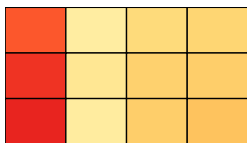
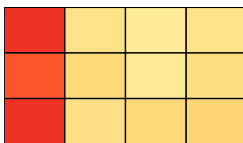


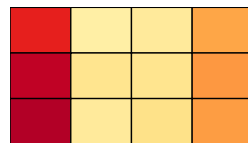
overall



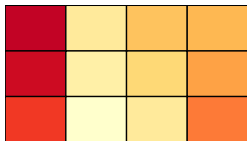
Europe:France



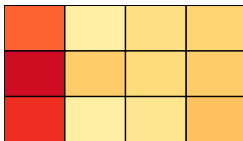
Europe:Germany



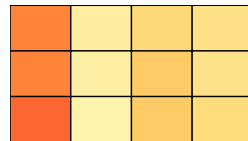
Europe:Italy



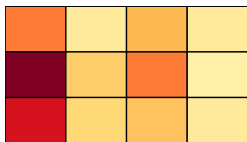
Europe:UK



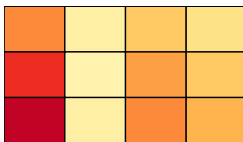
Europe:others



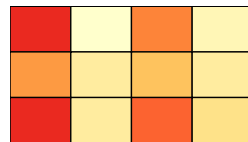
Japan



Russia



USA



Q16*:Unknown MPI Features

Dynamic process

0

1.2

2.5

3.7

Persistent

5

6.2

7.5

8.7

PMPI

10

11

12

14

OMP

Pthread

CUDA

No

Q22*:MPI+X