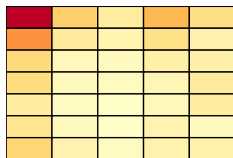
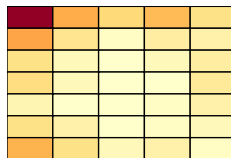


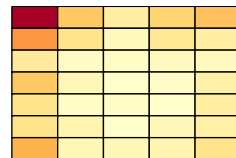
overall



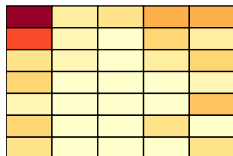
Europe:France



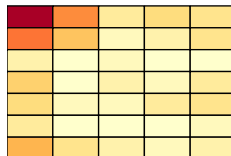
Europe:Germany



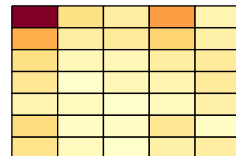
Europe:Italy



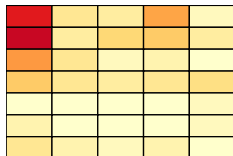
Europe:UK



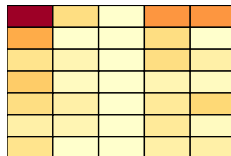
Europe:others



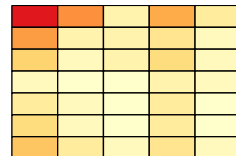
Japan



Russia



USA



Q19*:MPI Obstacles

| | | | | | |
|--------------------|-----|------|-----|-----|-----|
| No obstacles | 0 | 0.52 | 1 | 1.5 | 2.1 |
| Too many routines | 2.6 | 3.1 | 3.6 | 4.1 | 4.6 |
| No appropriate one | 5.2 | 5.7 | 6.2 | 6.7 | 7.2 |
| Complicated | 7.7 | 8.3 | 8.8 | 9.3 | 9.8 |
| Nobody to ask | 10 | 11 | 11 | 12 | 12 |
| Dislike API | 13 | 13 | 14 | 14 | 15 |
| other | 15 | 16 | 17 | 17 | 18 |

OMP

Pthread

OACC

CUDA

No

Q22*:MPI+X