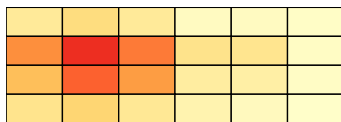
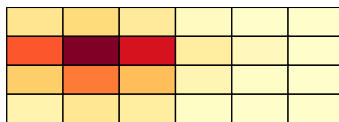


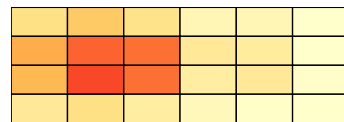
overall



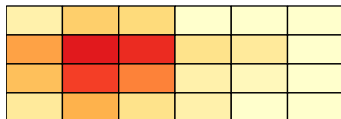
Europe:France



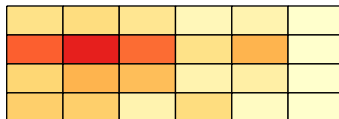
Europe:Germany



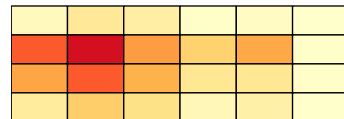
Europe:Italy



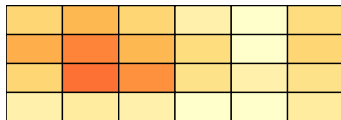
Europe:UK



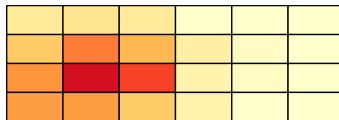
Europe:others



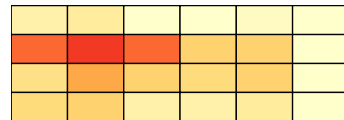
Japan



Russia



USA



Q29:Performance and Portability

Performance 4 3 2

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| 0 | 0.7 | 1.4 | 2.1 | 2.8 | 3.5 |
| 4.2 | 4.9 | 5.6 | 6.3 | 7 | 7.7 |
| 8.4 | 9.1 | 9.8 | 10 | 11 | 12 |
| 13 | 13 | 14 | 15 | 15 | 16 |

MPICH

OMPI

Intel

MVA

Cray

Fujitsu

Q12*:MPI Implementation