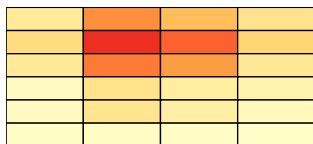
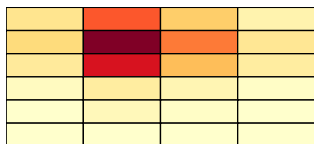


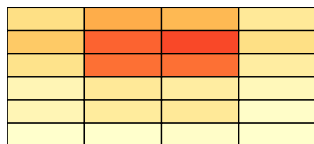
overall



Europe:France



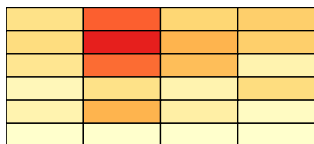
Europe:Germany



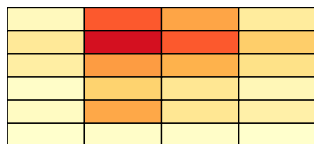
Europe:Italy



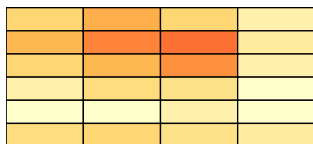
Europe:UK



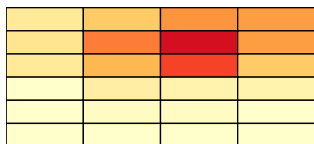
Europe:others



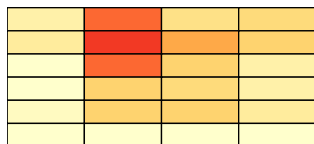
Japan



Russia



USA



Q12*:MPI Implementation

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

2

3

4

Performance

Q29:Performance and Portability