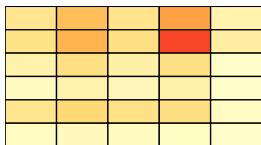
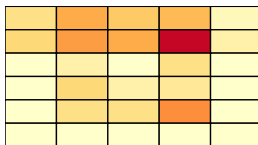


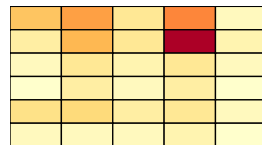
overall



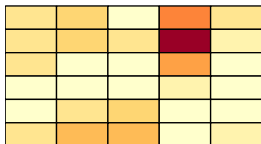
Europe:France



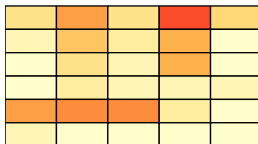
Europe:Germany



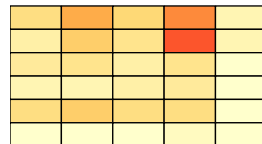
Europe:Italy



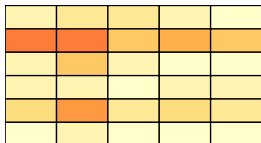
Europe:UK



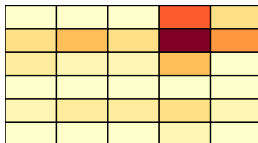
Europe:others



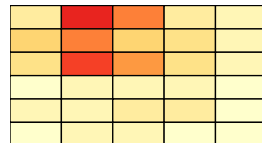
Japan



Russia



USA



Q15:MPI Difficulty

| | | | | | |
|---------------|-----|------|-----|-----|-----|
| Algorithm | 0 | 0.62 | 1.2 | 1.9 | 2.5 |
| Debugging | 3.1 | 3.8 | 4.4 | 5 | 5.6 |
| Decomposition | 6.2 | 6.9 | 7.5 | 8.1 | 8.8 |
| Workaround | 9.4 | 10 | 11 | 11 | 12 |
| Tuning | 12 | 13 | 14 | 14 | 15 |
| other | 16 | 16 | 17 | 18 | 18 |

Parallel Programming

Using MPI

MPI: complete Ref

(no book)

other

Q11*:MPI Book