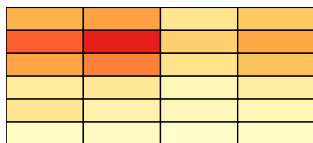
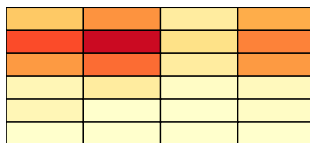


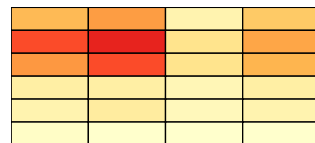
overall



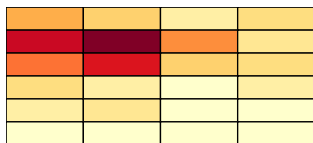
Europe:France



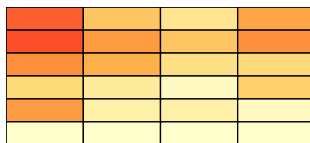
Europe:Germany



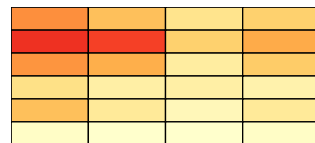
Europe:Italy



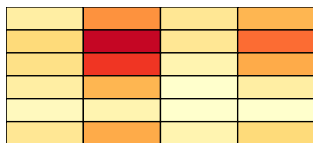
Europe:UK



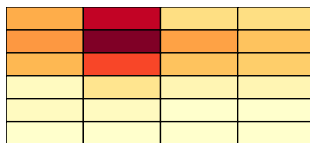
Europe:others



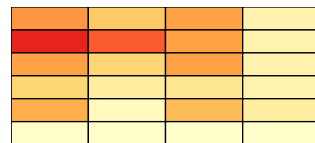
Japan



Russia



USA



Q12\*:MPI Implementation

|         | Algorithm | Debugging | Decomposition | Tuning |
|---------|-----------|-----------|---------------|--------|
| MPICH   | 0         | 0.57      | 1.1           | 1.7    |
| OMPI    | 2.3       | 2.8       | 3.4           | 4      |
| Intel   | 4.6       | 5.1       | 5.7           | 6.3    |
| MVA     | 6.8       | 7.4       | 8             | 8.5    |
| Cray    | 9.1       | 9.7       | 10            | 11     |
| Fujitsu | 11        | 12        | 13            | 13     |

Algorithm

Debugging

Decomposition

Tuning

Q15:MPI Difficulty