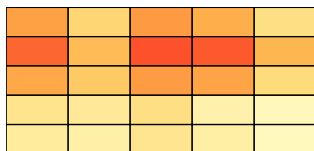
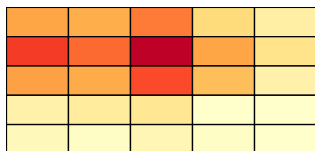


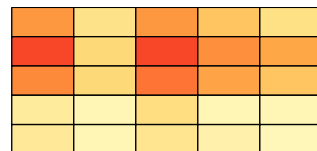
overall



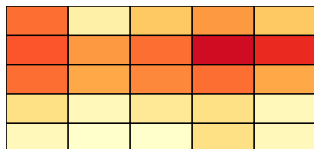
Europe:France



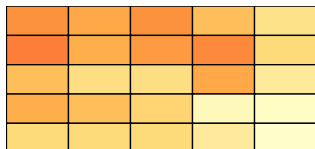
Europe:Germany



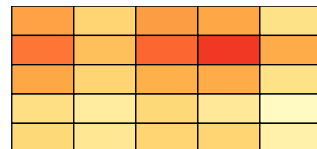
Europe:Italy



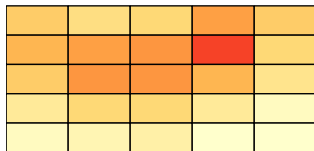
Europe:UK



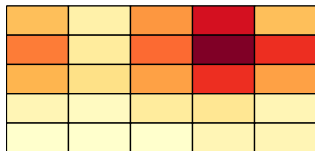
Europe:others



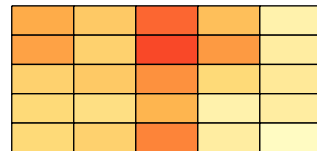
Japan



Russia



USA



Q12*:MPI Implementation

| | | | | | |
|-------|-----------------------|----------|----------|------------|---------|
| MPICH | 0 | 0.44 | 0.88 | 1.3 | 1.8 |
| OMPI | 2.2 | 2.6 | 3.1 | 3.5 | 4 |
| Intel | 4.4 | 4.9 | 5.3 | 5.7 | 6.2 |
| MVA | 6.6 | 7.1 | 7.5 | 7.9 | 8.4 |
| Cray | 8.8 | 9.3 | 9.7 | 10 | 11 |
| | SINGLE | FUNNELED | MULTIPLE | never used | No idea |
| | Q18*:MPI thread level | | | | |