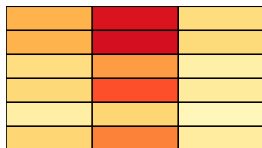
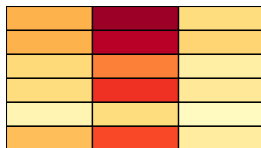


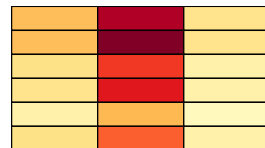
overall



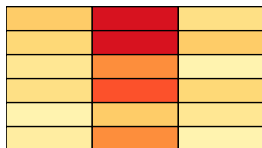
Europe:France



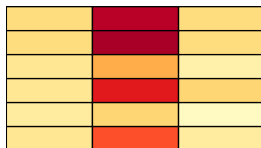
Europe:Germany



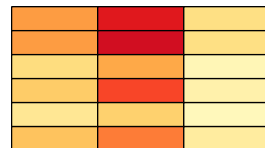
Europe:Italy



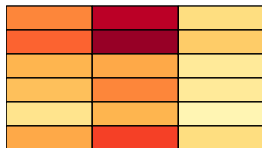
Europe:UK



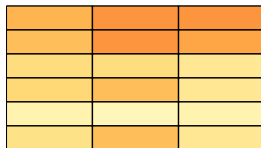
Europe:others



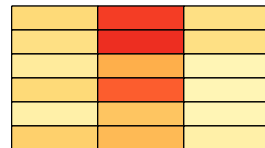
Japan



Russia



USA



Q17*:MPI Aspects

| | | | |
|---------------|-----|------|-----|
| Point-to-pint | 0 | 0.63 | 1.3 |
| Collectives | 1.9 | 2.5 | 3.1 |
| Communicator | 3.8 | 4.4 | 5 |
| Datatypes | 5.6 | 6.3 | 6.9 |
| One-sided | 7.5 | 8.2 | 8.8 |
| with OpenMP | 9.4 | 10 | 11 |

Hard to rewrite

No resource

No idea to tune

Q23:Room for tuning