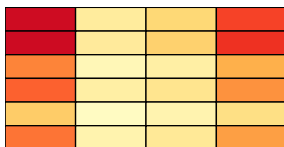
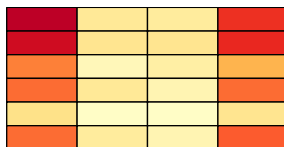


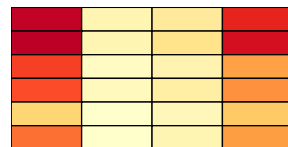
overall



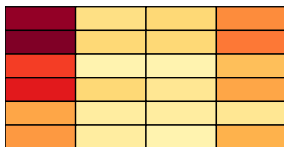
Europe:France



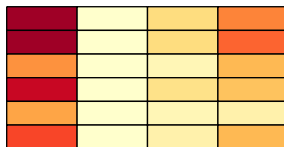
Europe:Germany



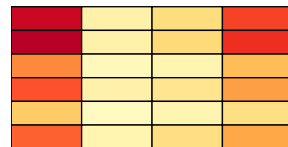
Europe:Italy



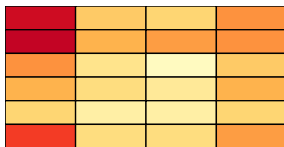
Europe:UK



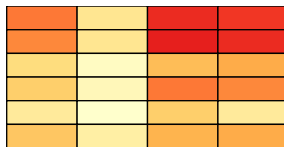
Europe:others



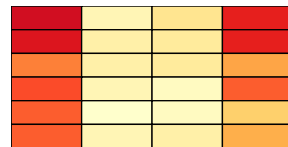
Japan



Russia



USA



Q17\*:MPI Aspects

|           |     |      |      |     |
|-----------|-----|------|------|-----|
| Pt2Pt     | 0   | 0.46 | 0.93 | 1.4 |
| Coll      | 1.9 | 2.3  | 2.8  | 3.2 |
| Comm Ops  | 3.7 | 4.2  | 4.6  | 5.1 |
| Datatypes | 5.6 | 6    | 6.5  | 6.9 |
| One-sided | 7.4 | 7.9  | 8.3  | 8.8 |
| w/ OMP    | 9.3 | 9.7  | 10   | 11  |

Yes

Yes, but no reason

No, too small

No, scattered

Q21:Packing MPI calls