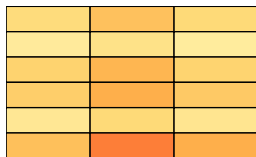
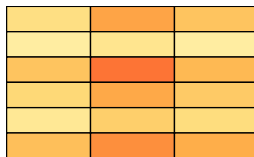


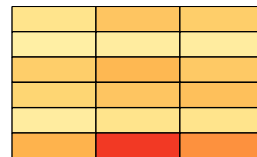
overall



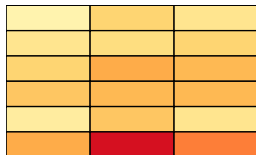
Europe:France



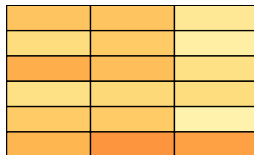
Europe:Germany



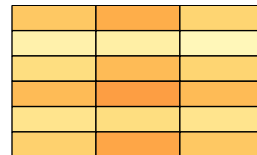
Europe:Italy



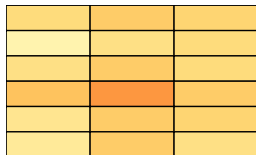
Europe:UK



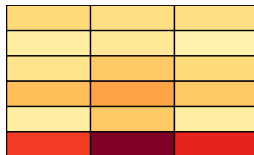
Europe:others



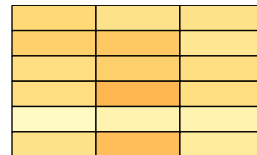
Japan



Russia



USA



Q26*:Missing Semantics

| | MPICH | OMPI | Intel |
|------------------|-------|------|-------|
| Latency hiding | 0 | 0.78 | 1.6 |
| End-points | 2.3 | 3.1 | 3.9 |
| Resilience | 4.7 | 5.4 | 6.2 |
| Additional opt | 7 | 7.8 | 8.5 |
| Another API | 9.3 | 10 | 11 |
| MPI provides all | 12 | 12 | 13 |

MPICH

OMPI

Intel

Q12*:MPI Implementation