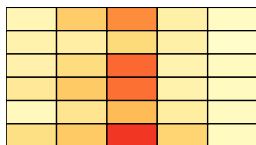
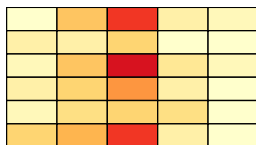


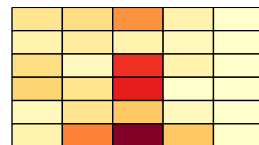
overall



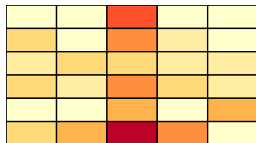
Europe:France



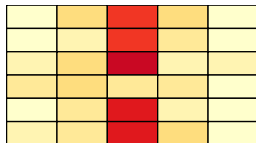
Europe:Germany



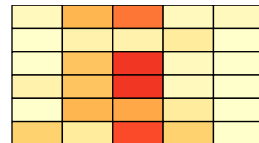
Europe:Italy



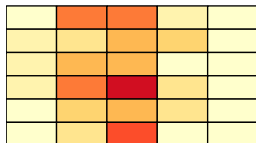
Europe:UK



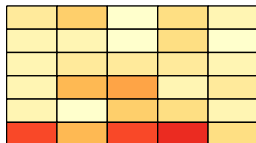
Europe:others



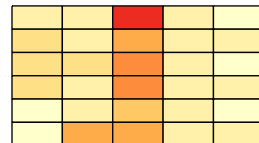
Japan



Russia



USA



Q26\*:Missing Semantics

|                  |     |      |     |     |     |
|------------------|-----|------|-----|-----|-----|
| Latency hiding   | 0   | 0.45 | 0.9 | 1.3 | 1.8 |
| End-points       | 2.2 | 2.7  | 3.1 | 3.6 | 4   |
| Resilience       | 4.5 | 4.9  | 5.4 | 5.8 | 6.3 |
| Additional opt   | 6.7 | 7.2  | 7.6 | 8.1 | 8.5 |
| Another API      | 9   | 9.4  | 9.9 | 10  | 11  |
| MPI provides all | 11  | 12   | 12  | 13  | 13  |

Well-tuned

Hard to rewrite

No resource

No idea to tune

Not having the tools

Q23:Room for tuning