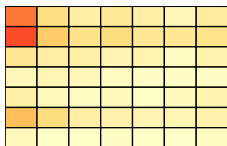
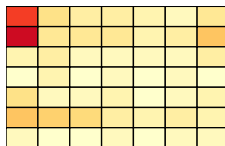


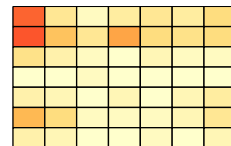
overall



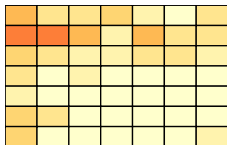
Europe:France



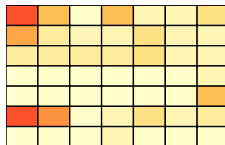
Europe:Germany



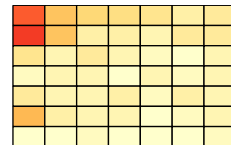
Europe:Italy



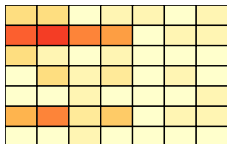
Europe:UK



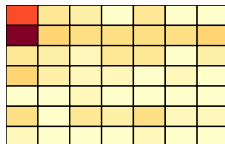
Europe:others



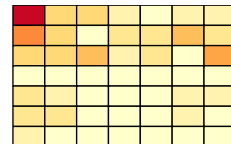
Japan



Russia



USA



Q15:MPI Difficulty

|                      |     |      |      |     |     |     |     |
|----------------------|-----|------|------|-----|-----|-----|-----|
| Algorithm            | 0   | 0.36 | 0.72 | 1.1 | 1.4 | 1.8 | 2.2 |
| Debugging            | 2.5 | 2.9  | 3.3  | 3.6 | 4   | 4.3 | 4.7 |
| Decomposition        | 5.1 | 5.4  | 5.8  | 6.2 | 6.5 | 6.9 | 7.2 |
| Finding MPI routines | 7.6 | 8    | 8.3  | 8.7 | 9.1 | 9.4 | 9.8 |
| Workaround           | 10  | 11   | 11   | 11  | 12  | 12  | 12  |
| Tuning               | 13  | 13   | 13   | 14  | 14  | 14  | 15  |
| other                | 15  | 16   | 16   | 16  | 17  | 17  | 17  |

No obstacles  
Too many routines  
No appropriate one  
Complicated  
Nobody to ask  
Dislike API  
other

Q19\*:MPI Obstacles