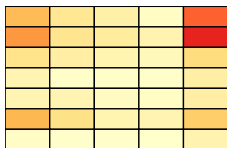
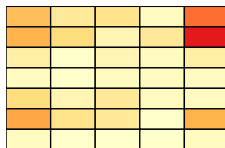


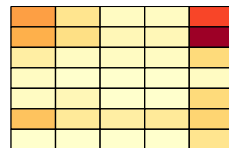
overall



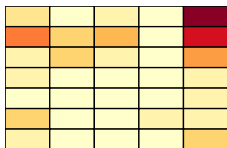
Europe:France



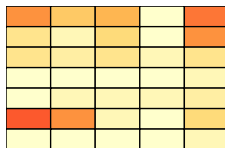
Europe:Germany



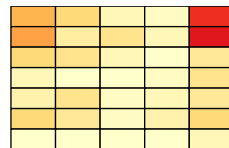
Europe:Italy



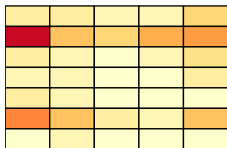
Europe:UK



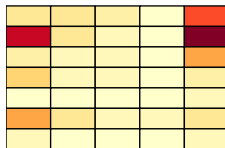
Europe:others



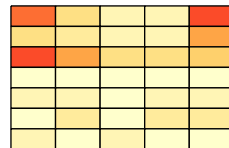
Japan



Russia



USA



Q15:MPI Difficulty

	0	0.54	1.1	1.6	2.2
Algorithm	0	0.54	1.1	1.6	2.2
Debugging	2.7	3.3	3.8	4.3	4.9
Decomposition	5.4	6	6.5	7.1	7.6
Finding MPI routines	8.1	8.7	9.2	9.8	10
Workaround	11	11	12	12	13
Tuning	14	14	15	15	16
other	16	17	17	18	18

Framework

PGAS

DSL

LL comm

No investigation

Q24*:Alternatives