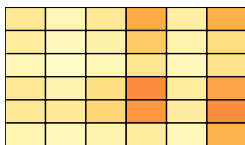
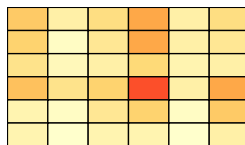


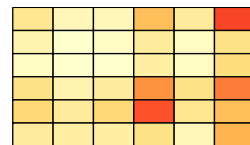
overall



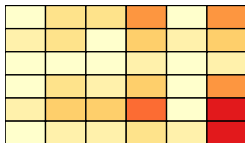
Europe:France



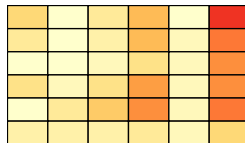
Europe:Germany



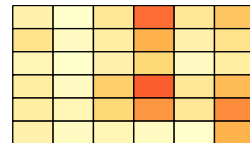
Europe:Italy



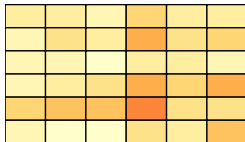
Europe:UK



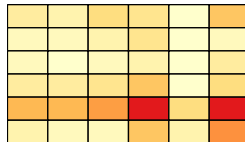
Europe:others



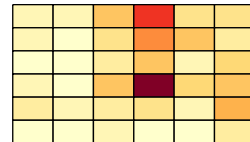
Japan



Russia



USA



Q18*:MPI thread level

SINGLE	0	0.38	0.77	1.1	1.5	1.9
FUNNELED	2.3	2.7	3.1	3.4	3.8	4.2
SERIALIZED	4.6	5	5.4	5.7	6.1	6.5
MULTIPLE	6.9	7.3	7.7	8	8.4	8.8
never used	9.2	9.6	10	10	11	11
do not know/care	11	12	12	13	13	13

One-sided

Communicator

Topologies

Dynamic process

Error

No unnecessary feature

Q27*:Unnecessary Features