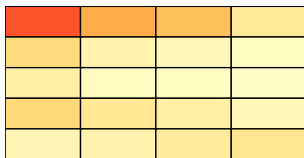
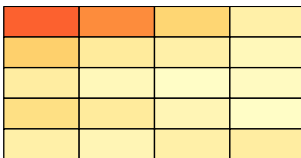


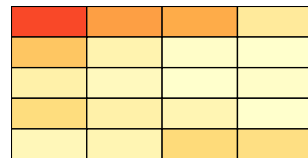
overall



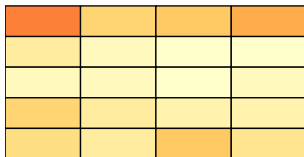
Europe:France



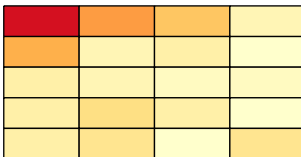
Europe:Germany



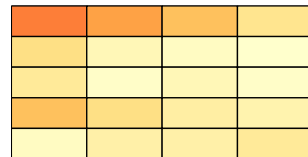
Europe:Italy



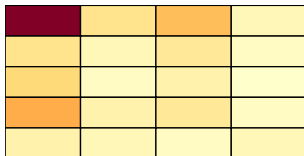
Europe:UK



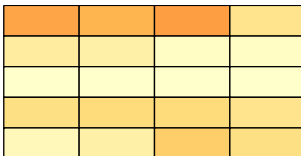
Europe:others



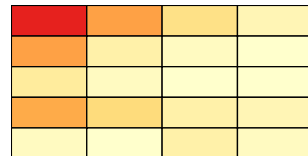
Japan



Russia



USA



Q22*:MPI+X	OMP	0	1.5	3	4.5
	Pthread	5.9	7.4	8.9	10
	OACC	12	13	15	16
	CUDA	18	19	21	22
	No	24	25	27	28
		>10	5-10	2-5	<2

Q6:MPI Experience