

Yellow	Yellow	Yellow	Yellow	Red	Yellow	Red
Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Orange	Yellow	Yellow	Yellow	Red	Yellow	Yellow
Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Yellow	Yellow	Yellow	Yellow	Red	Yellow	Dark Red
Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Orange
Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Yellow	Yellow	Yellow	Yellow	Orange	Yellow	Yellow
Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

		One-sided	Datatypes	Communicator	Topologies	Dynamic process	Error	No
Q22*:MPI+X	OMP	0	0.52	1	1.6	2.1	2.6	3.1
	Pthread	3.6	4.1	4.7	5.2	5.7	6.2	6.7
	OACC	7.2	7.8	8.3	8.8	9.3	9.8	10
	CUDA	11	11	12	12	13	13	14
	No	14	15	16	16	17	17	18