

Producer decomposition

9 MPI processes

0	1	2
3	4	5
6	7	8



Consumer decomposition

4 MPI processes

0	1
2	3

Resulting communication schedule

	0	1	2	3	4	5	6	7	8
0	✓	✓		✓	✓				
1		✓	✓		✓	✓			
2				✓	✓		✓	✓	
3					✓	✓		✓	✓