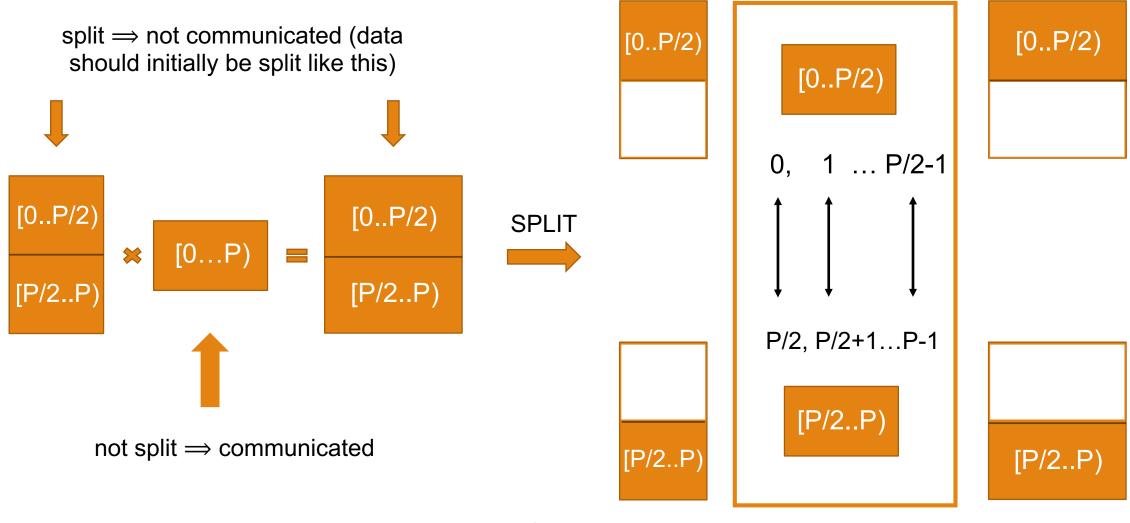
Parallel Step: Closer Look

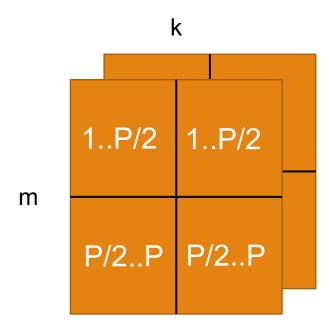






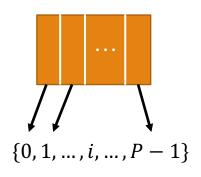
Data Layout

split ⇒ not communicated (data should initially be split like this) [0..P/2)[0..P/2)[0...P) [P/2..P) [P/2..P) not split ⇒ communicated

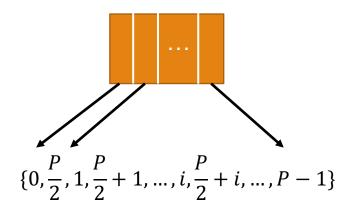


- 1. Parallel (m/2)
- 2. Parallel (n/2)
- 3. Sequential(k/2)
- 4. Base case: any load-balanced layout









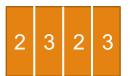


BEFORE COMMUNICATION



AFTER COMMUNICATION







BEFORE COMMUNICATION



AFTER COMMUNICATION



