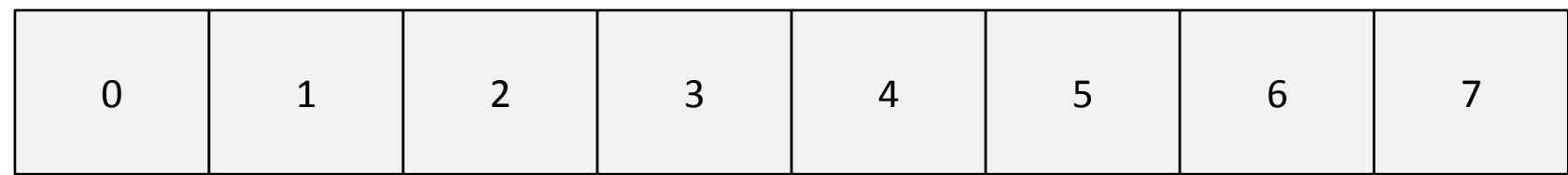
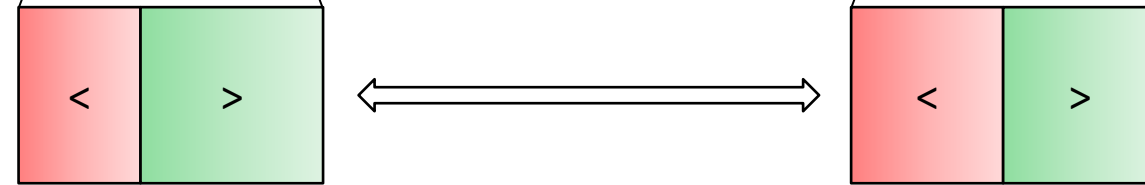


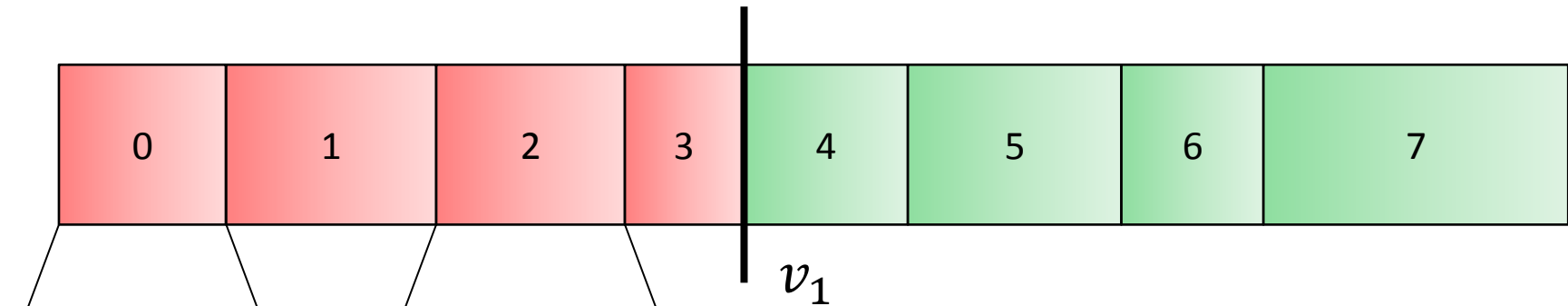
$\frac{n}{p}$  elements per node



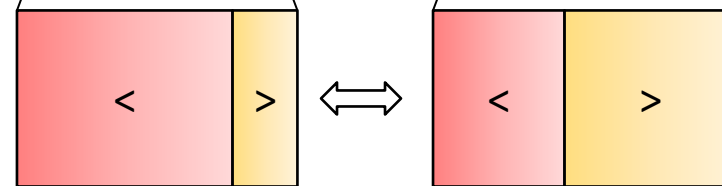
Nodes reorder elements with pivot  $v_1$ , then share datasets



All elements smaller than  $v_1$  in first  $\frac{p}{2}$  nodes



Nodes reorder elements with pivot  $v_2$  ( $p_0 \dots p_3$ ) and  $v_3$  ( $p_4 \dots p_7$ ), then share datasets



Repeat until every node  $p_i$  has only smaller elements than  $p_{i+1}$ , then call sequential quicksort

