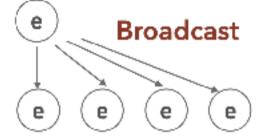
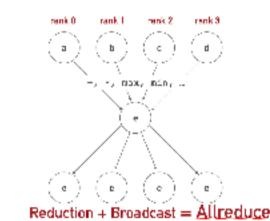
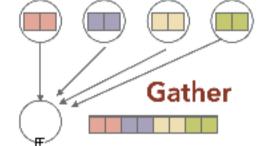


Broadcast

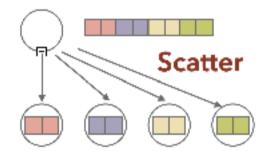




Gather



Scatter



Allgather



Gather + Scatter = Allgather