

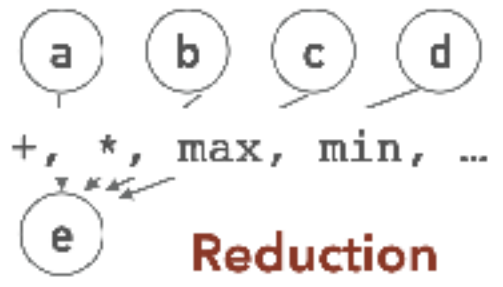
Broadcast

Gather

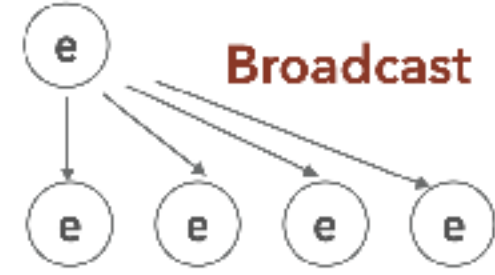
Allreduce

Reduction

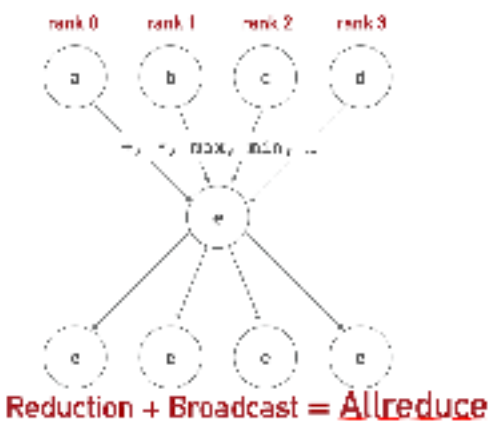
Reduction



Broadcast

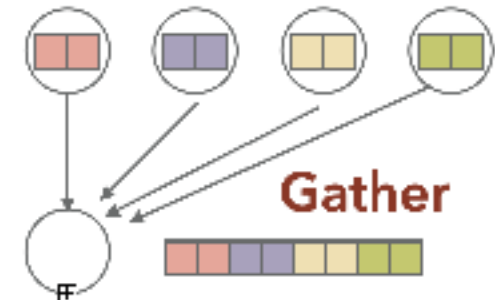


Scatter

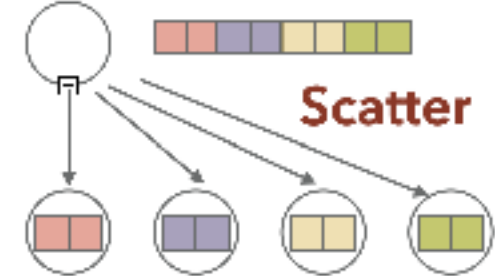


Reduction + Broadcast = Allreduce

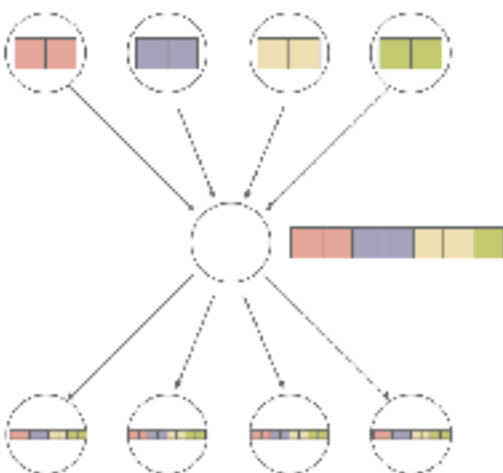
Gather



Scatter



Allgather



Gather + Scatter = Allgather

