			gather	gatherv	reduce	reduce_scatter	reduce_scatterv	scatter	scatterv
SRC	info	buffer	∨	∨	∨	∨	∨	∨	
		count	∨	∨	∨	∨		∨	
		datatype	∨	∨	∨	∨		∨	
	info_v	buffer							∨
		counts							∨
		displacements							∨
		datatype							∨
DST	info	buffer	∨		∨	∨		∨	∨
		count	∨					∨	∨
		datatype	∨					∨	∨
	info_v	buffer		∨			∨		
		counts		∨			∨		
		displacements		∨					
		datatype		∨			∨		
root			∨	∨	∨			∨	∨
INPLACE			src is ignored on root	src is ignored on root	src is ignored on root	src is ignored	src is ignored	dst is ignored on root	dst is ignored on root
comments			dst buff only at root	dst buff only at root	dst buff only at root			src buf only at root	src buf only at root