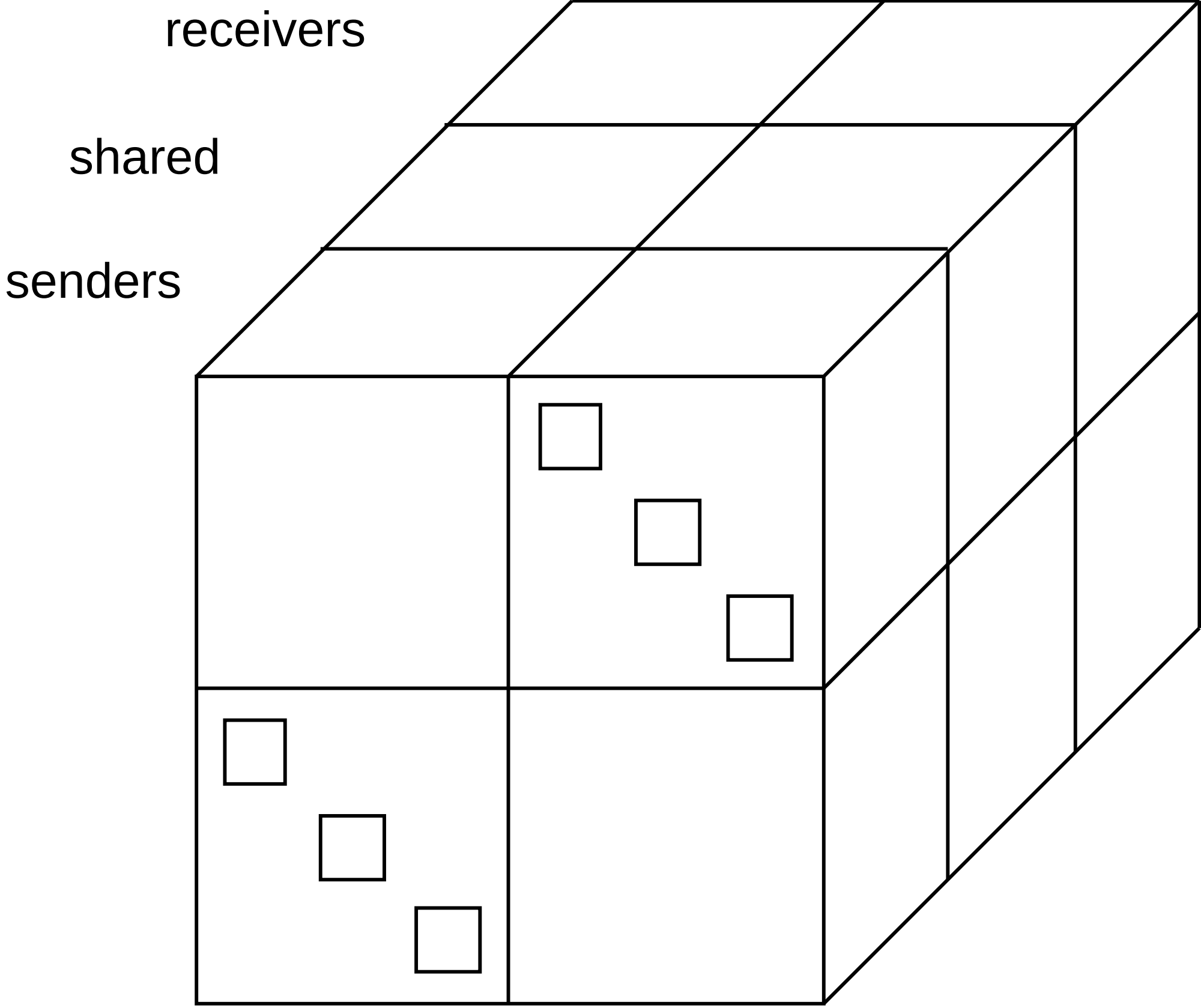
receivers
shared
senders