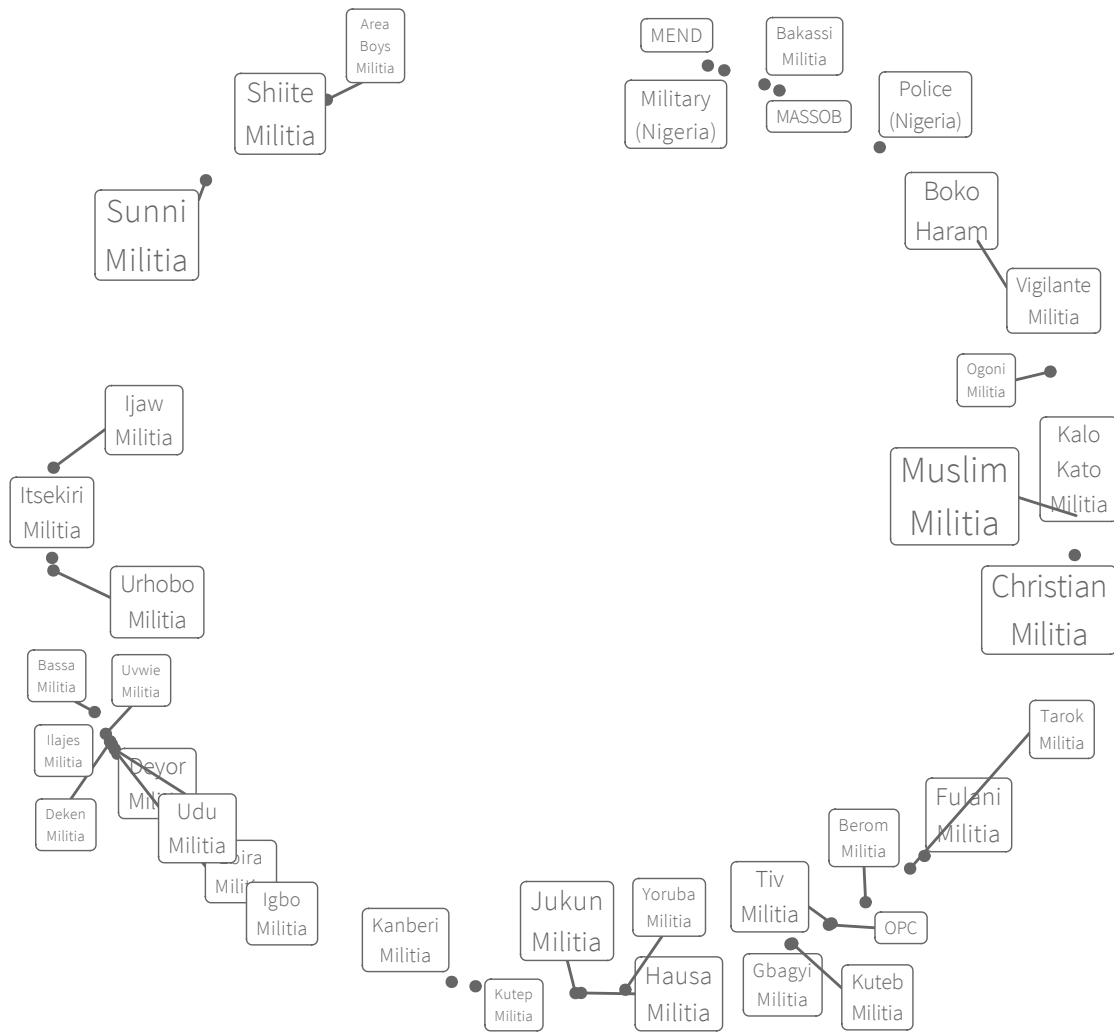


## Groups with Common Sending Patterns ( $u_i$ )



## Groups with Common Receiving Patterns ( $v_j$ )

