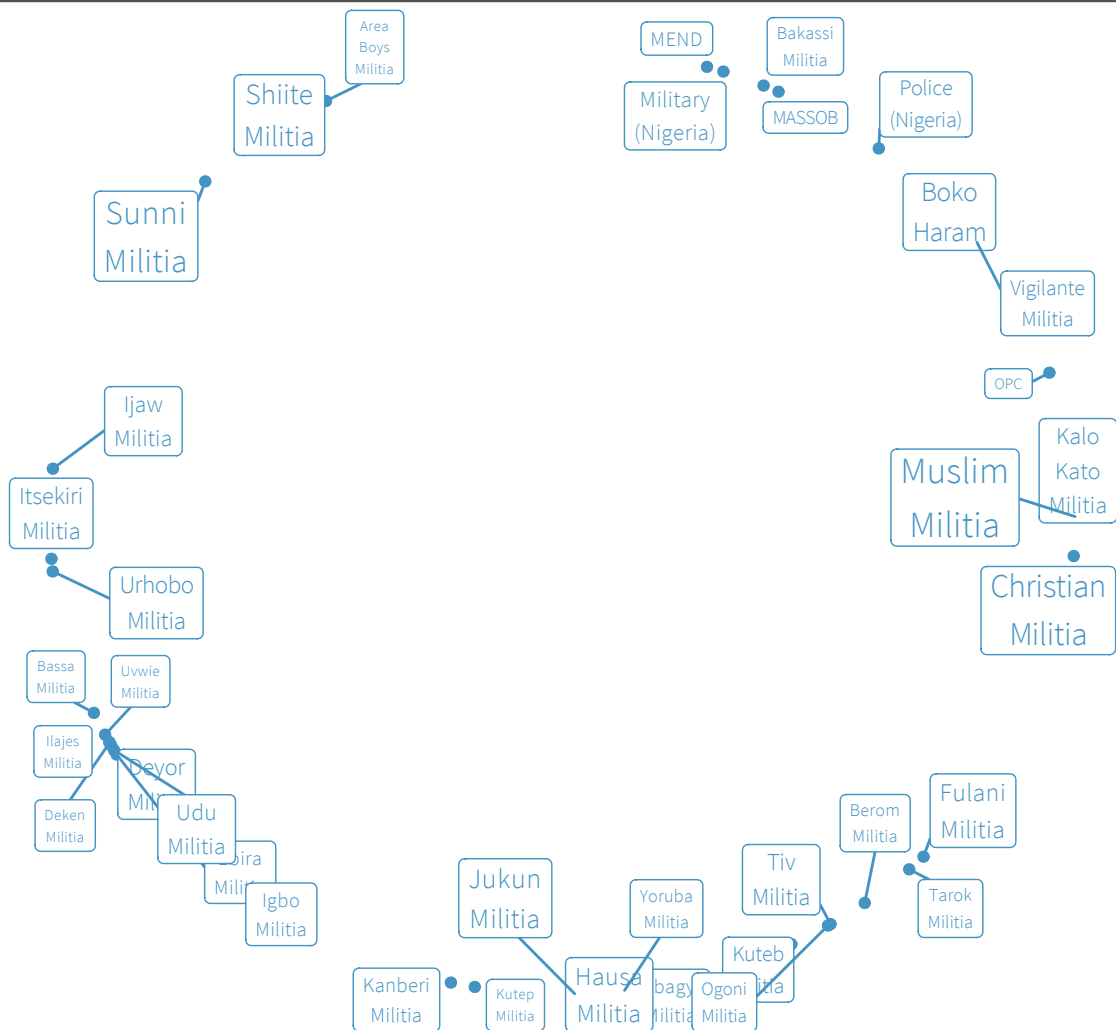


Groups with Common Sending Patterns (u_i)



Groups with Common Receiving Patterns (v_j)

