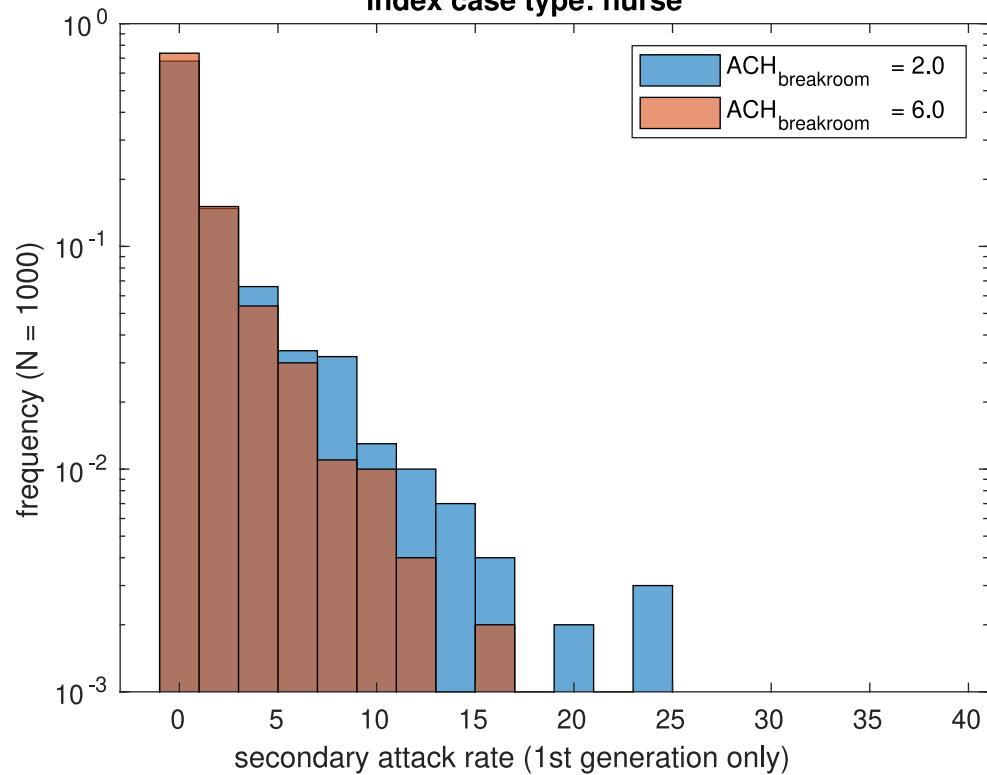


a)

$v(\text{double room}) = 2 v(\text{single room})$
index case type: nurse



b)

$v(\text{double room}) = v(\text{single room})$
index case type: nurse

