

Number of messages between sender and recipient

$0-2^0$ 0 0 0 0 0 0 0

2^1-2^2 1 1 1 1 1 1 1

2^2-2^3 1 1 1 1 1 1 1

2^3-2^4 1 1 1 1 1 1 1

2^4-2^5 1 1 1 1 1 1 1

2^5-2^6 1 1 1 1 1 1 1

$2^6 <$ 1 1 1 1 1 1 1

2^{-1}

2^{-2}

2^{-3}

2^{-4}

2^{-5}

2^{-6}

2^{-7}

False-positive rate of the recipient