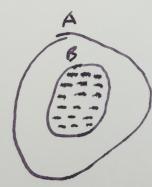
$X = P(A \mid B)$ $- = P(A \mid B)$

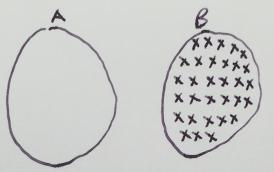
3_6

1. P(AIB) = 1



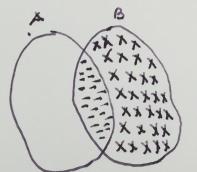
B completely in A, so P(AIB) is I, and B is completely billed

2. P(AIB)=1



A and B are completely lisjoienx, so P(AIB)=1, and B is still completely billed up.

3. \$0 < P(A1B) < 1 and O < P(A1B) < 1



In all other cases,

B is still wonpletels

billed with a mix of

P(A|B) and P(A|B)