

Problem Wk.10.3.1: A distribution

Consider the joint probability distribution on binary variables A and B below:

	B = 0	B = 1
A = 0	0.1	0.2
A = 1	0.3	0.4

What are the values of the following expressions. Enter your answers with two digits after the decimal point:

1. $P(A=0)$
2. $P(A=1)$
3. $P(B=0)$
4. $P(B=1)$
5. $P(A=0 \mid B=1)$
6. $P(A=0 \mid B=0)$
7. $P(A=1, B=1)$
8. $P(A=1 \text{ or } B=1)$

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