

Two by Two Tables and Bayes Theorem

Andy Grogan-Kaylor

7/10/23

Table of contents

1	Introduction	1
2	References	1

1 Introduction

StataCorp (2023) provides the following example of a classification table to compare the actual values in a data set with the predicted values in a data set.

Classified	True	
	D	$\neg D$
+	$P(+, D)$	$P(+, \neg D)$
−	$P(-, D)$	$P(-, \neg D)$

2 References

StataCorp. (2023). *Stata 18 base reference manual*. Stata Press.