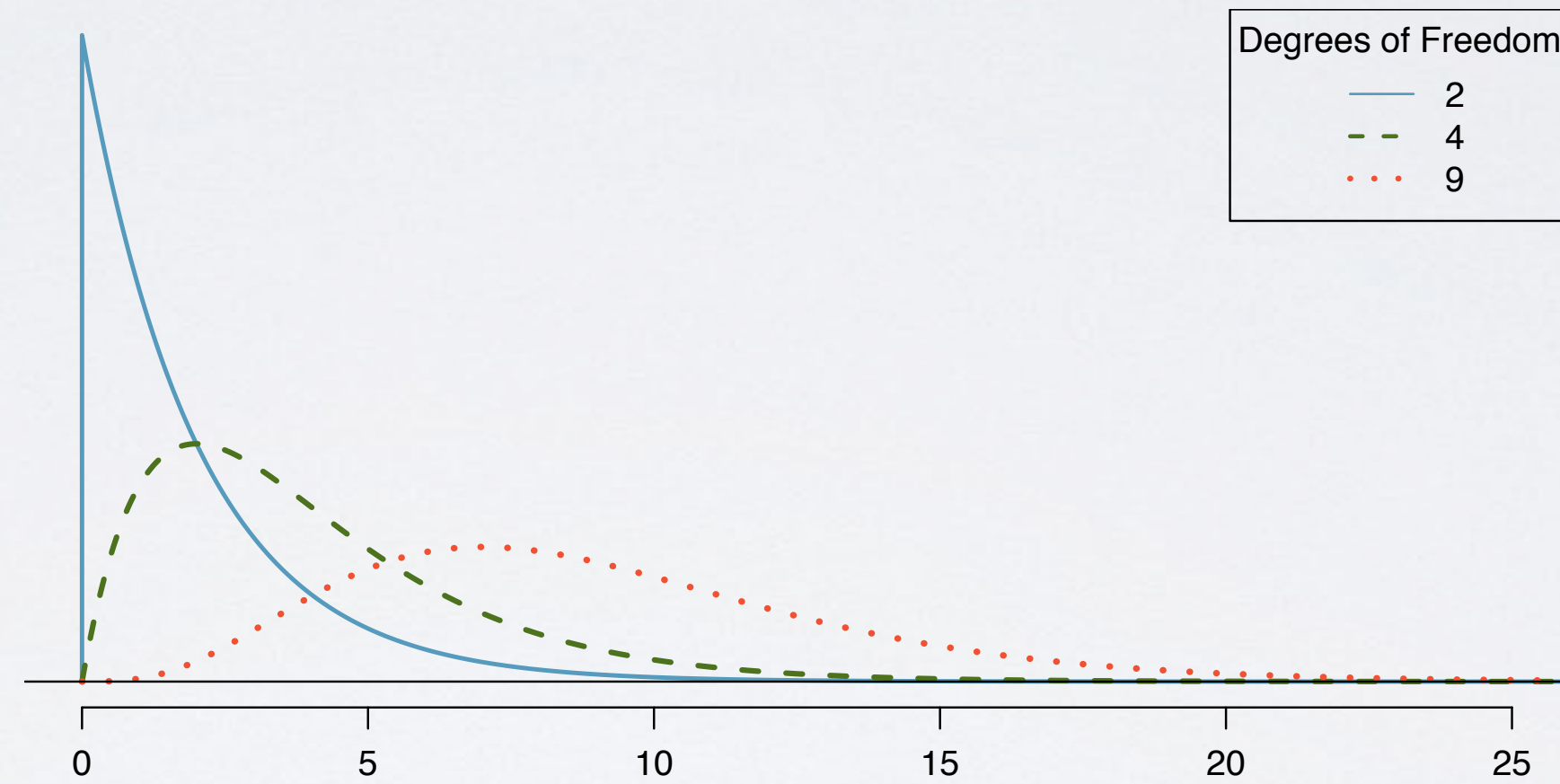
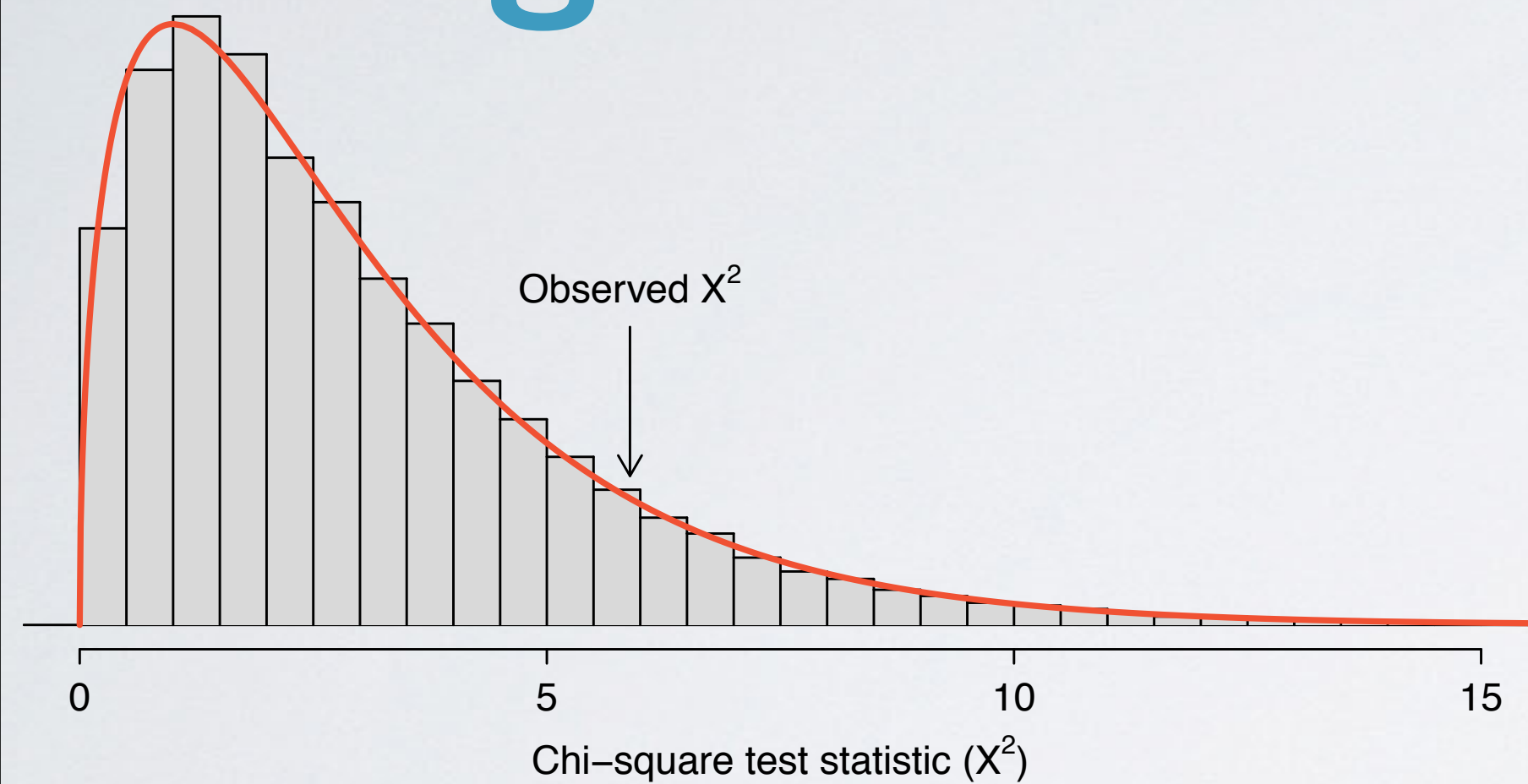
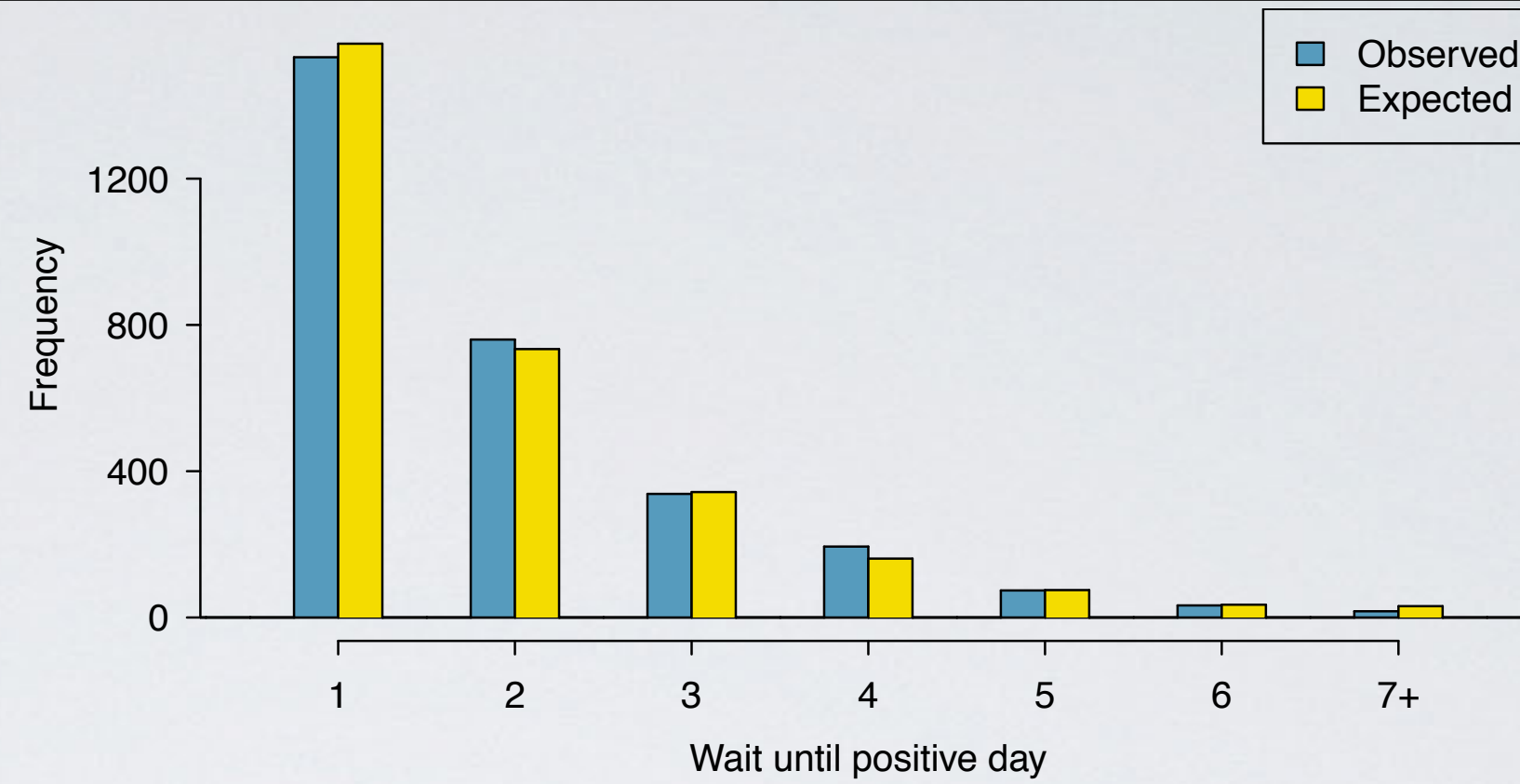


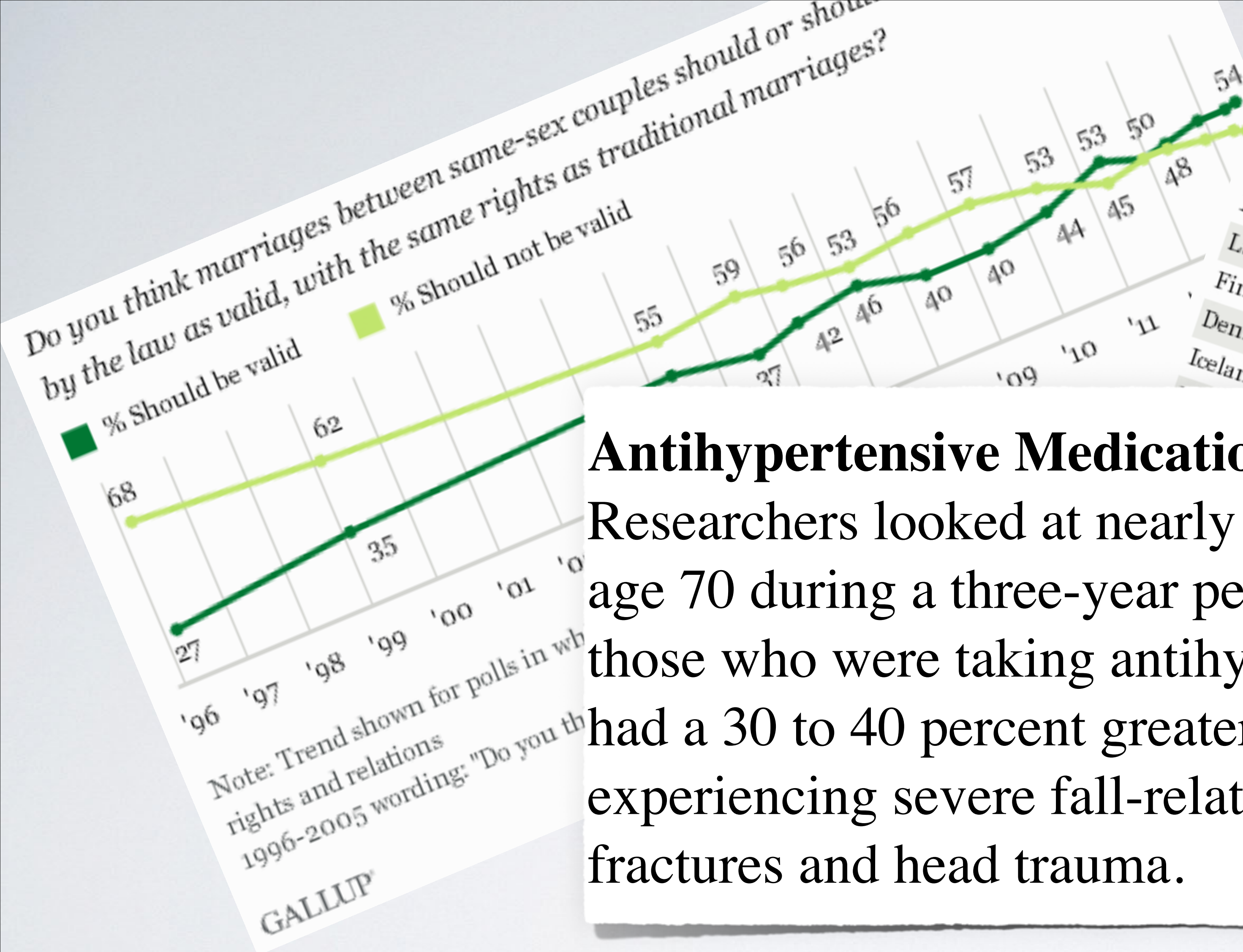
unit 5

inference for

categorical variables



Dr. Mine Çetinkaya-Rundel
Duke University



Children's Opportunities to Learn and Grow

Do most children in this country have the opportunity to learn and grow every day?

Country	% Yes	UNICEF child well-being rank
Switzerland	95%	8
Norway	93%	2
Luxembourg		7
Finland		4
Denmark		11
Iceland		3
		10
		14
		16
		17
		1
		5
		18

Antihypertensive Medications and Serious Falls
 Researchers looked at nearly 5,000 Americans over age 70 during a three-year period. They found that those who were taking antihypertensive medications had a 30 to 40 percent greater likelihood of experiencing severe fall-related injuries like hip fractures and head trauma.

Study reference: Tinetti et al. Antihypertensive Medications and Serious Fall Injuries in a Nationally Representative Sample of Older Adults. JAMA Intern Med. 2014

Link to polls: <http://www.gallup.com/poll/1651/Gay-Lesbian-Rights.aspx>,
<http://www.gallup.com/poll/166994/scores-low-children.aspx>

one
categorical
variable

two levels:
success-
failure

more than
two levels

two
categorical
variables

two levels:
success-
failure

more than
two levels