

Week 2 – IST772 Brain Warm-Ups

For the two tables below, you will need to “fill in the blanks” by speculating which values, when summed, equal the marginal subtotals...

Planned Political Rallies in Two Cities

	April Rallies	May Rallies	
Utica			
Syracuse	2	4	
			Overall Total: 10

What is the *marginal* probability of a rally being in Syracuse? Send your answer in a chat message to me (not to the whole group).

Pet Ownership in Selected Households

	Have Dogs	Have Cats	Have Both	
Two Roommates		6		25
Single Occupant		11		30
Married No Kids	7			20
Married w/Kids		3		25
	45	30	25	Overall Total: 100

What is the probability of observing a household that is a married couple with no kids and that has both cats and dogs? Send your answer in a chat message to me (not to the whole group).