# Transitions ANSWERS

1. What can we infer from this information?

*Previous employment status affects current employment status.*

2. Is there a significant relationship between the wife's current employment status and her previous employment status?

*Yes – p<.001*

Just for "fun" compute a variable **fempt_2** so that 0=employed, 1=unemployed.

3. What do you notice about the value of chi-square?

*It remains the same.*

4. What do you conclude about the relationship between wife's current employment status and employment status at t-1?

*Previous employment status is important.*

5. What is the McNemar test telling us?

*The McNemar test is telling us that fempt_1 is not significantly different to femp however fempt_2 is.*

Should we beware of variable coding?

*You bet!*

6. Why might this be considered a naïve analysis?

*Because the non-independence of observations assumption has been violated. There are multiple observations for the same individual.*