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Econ 135
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Data analysis assignment 4: Due Monday May 20: Write one paragraph summarizing the results

1) Use the data contained in all children.csv (you can open it in Excel; there are about 18,000 children listed), to construct crosstabs of the average intervals in years following the birth of a boy compared with a girl. The variable you want to analyze is agediff. Here are three crosstabs to run with agediff:

- 1) decadeborn as one grouping variable, and with gender as another (the next two ask you to make 3-way crosstabs)
- 2) decadeborn70, gender, and firstb as subcategories
- 3) decadeborn70, gender, and atlst1bn as subcategories

And one crosstab with chsize

- 4) decadeborn as one category with gender as another

2) Use the data contained in all last children.csv (you can open it in Excel; there are about 3,900 children who are the last child born in a family), to construct a crosstab of percent of last children (youngest children) who are boys compared with girls. The variable you want to analyze is gender (=1 if boy). Here are four crosstabs to run with gender:

- 1) decadeborn as one grouping variable, and with chsize as another
- 2) decadeborn as one and firstb as another subcategory
- 3) decadeborn as one and prevbnew as another subcategory
- 4) decadeborn as one and prevgnew as another subcategory

Variable	Definition
case	family ID number
gender	if girl=0, if boy=1
age	in years
decadeborn	decade born
Decadeborn70	decade born = 1 if 70,80 or 90, =0 if 50 or 60
EA	Survey area (there are 321)
chsize	size of family
atlst1gn	is there at least one girl born before child
atlst1bn	is there at least one boy born before child
prevbnew	how many boys before this child
prevgnew	how many girls before this child
firstb	is this child the firstborn
agediff	years until next child