

Instructions for sheet 7 & 8 in Assignment 3

7. A Worksheet that contains a map showing the temporal change of male life expectancy 1985-2010 at the county level (Hint: use the variable "Male LEX diff")
8. A Worksheet that contains a map showing the temporal change of female life expectancy 1985-2010 at the county level (Hint: use the variable "Female LEX diff")

Sheets 7 and 8 will use the DifCounty worksheet in the LE_1985_2010.xlsx file. To avoid error messages, we will create separate data source for sheets 7 and 8 that only contains DifCounty.

1. Open new sheet (worksheet 7)
2. Open 'Data' drop down menu
3. Select 'New Data Source'
4. Connect to the LE_1985_291.xlsx file
5. Go to the 'Data Source' tab

6. Open the newly added data source via the database icon drop down menu (should be to the left of LE_1985_2010)

Tableau Public - Lab3_v1

Connections: LE_1985_2010 (Excel)

Sheets: ☐ Use Data Interpreter. Data Interpreter might be able to clean your Excel workbook. COUNTY, DifCounty, DifState, STATE, US, New Union.

US (LE_1985_2010)

US

COUNTY

STATE

Sort fields: Data source order

#	COUNTY	Abc	COUNTY	COUNTY	COUNTY
	Year (COUNTY)	COUNTY	Fipsstate	Fipscounty	Fipscode
	1985	01	001	01001	ALABAMA
	1990	01	001	01001	ALABAMA
	1995	01	001	01001	ALABAMA
	2000	01	001	01001	ALABAMA
	2005	01	001	01001	ALABAMA

7. Drag DifCounty to 'Drag sheets here'

Tableau Public - Lab3_v1

Connections: LE_1985_2010 (Excel)

Sheets: ☐ Use Data Interpreter. Data Interpreter might be able to clean your Excel workbook. COUNTY, DifCounty, DifState, STATE, US, New Union.

LE_1985_2010

DifCounty

Sort fields: Data source order

Abc	DifCounty	Abc	DifCounty	DifCounty	#	#
DifCounty	Fipsstate	DifCounty	Fipscounty	DifCounty	Male LEX Diff	DifC
	01	001	01001	ALABAMA	AUTAUGA	5.2000
	01	003	01003	ALABAMA	BALDWIN	3.8000
	01	005	01005	ALABAMA	BARBOUR	5.3000
	01	007	01007	ALABAMA	BIBB	4.2000
	01	009	01009	ALABAMA	BLOUNT	2.5000
	01	011	01011	ALABAMA	BULLOCK	0.6000
	01	013	01013	ALABAMA	BUTLER	1.2000

8. Now you should have two data sources populated with the appropriate worksheets. One that looks like step 7 above and one that look like the picture below (for sheets 1-6).

The screenshot shows the Tableau Public interface with a data source connection for 'US (LE_1985_2010)'. The 'Connections' pane on the left shows 'LE_1985_2010' as an Excel file. The 'Sheets' pane on the left lists 'COUNTY', 'DifCounty', 'DifState', 'STATE', 'US', and 'New Union'. The main view shows a diagram with 'US' connected to 'COUNTY' and 'STATE'. Below the diagram is a table with the following data:

#	COUNTY	Year (COUNTY)	Abc	COUNTY	Fipsstate	COUNTY	Fipscounty	COUNTY	Fipscode	COUNTY	State (COUNTY)	COUNTY	County	#	COUNTY	Male
		1985	01				001		01001		ALABAMA		AUTAUGA			
		1990	01				001		01001		ALABAMA		AUTAUGA			
		1995	01				001		01001		ALABAMA		AUTAUGA			
		2000	01				001		01001		ALABAMA		AUTAUGA			

9. Now you can use DifCounty for sheet 7 & 8 by switching to the appropriate data source in the upper left corner of sheet 7 and 8

The screenshot shows the Tableau Public interface with the 'Data' pane on the left. A red arrow points to the 'LE_1985_2010' data source. The 'Data' pane lists 'LE_1985_2010' and 'US (LE_1985_2010)'. The 'Dimensions' pane lists 'County', 'Fipscode', 'Fipscounty', 'Fipsstate', 'State', and 'Measure Names'. The 'Measures' pane lists 'Female LEX Diff', 'Male LEX Diff', 'Latitude (generated)', 'Longitude (generated)', 'Number of Records', and 'Measure Values'. The main view shows a blank sheet titled 'Sheet 8' with a 'Drop field here' prompt.