

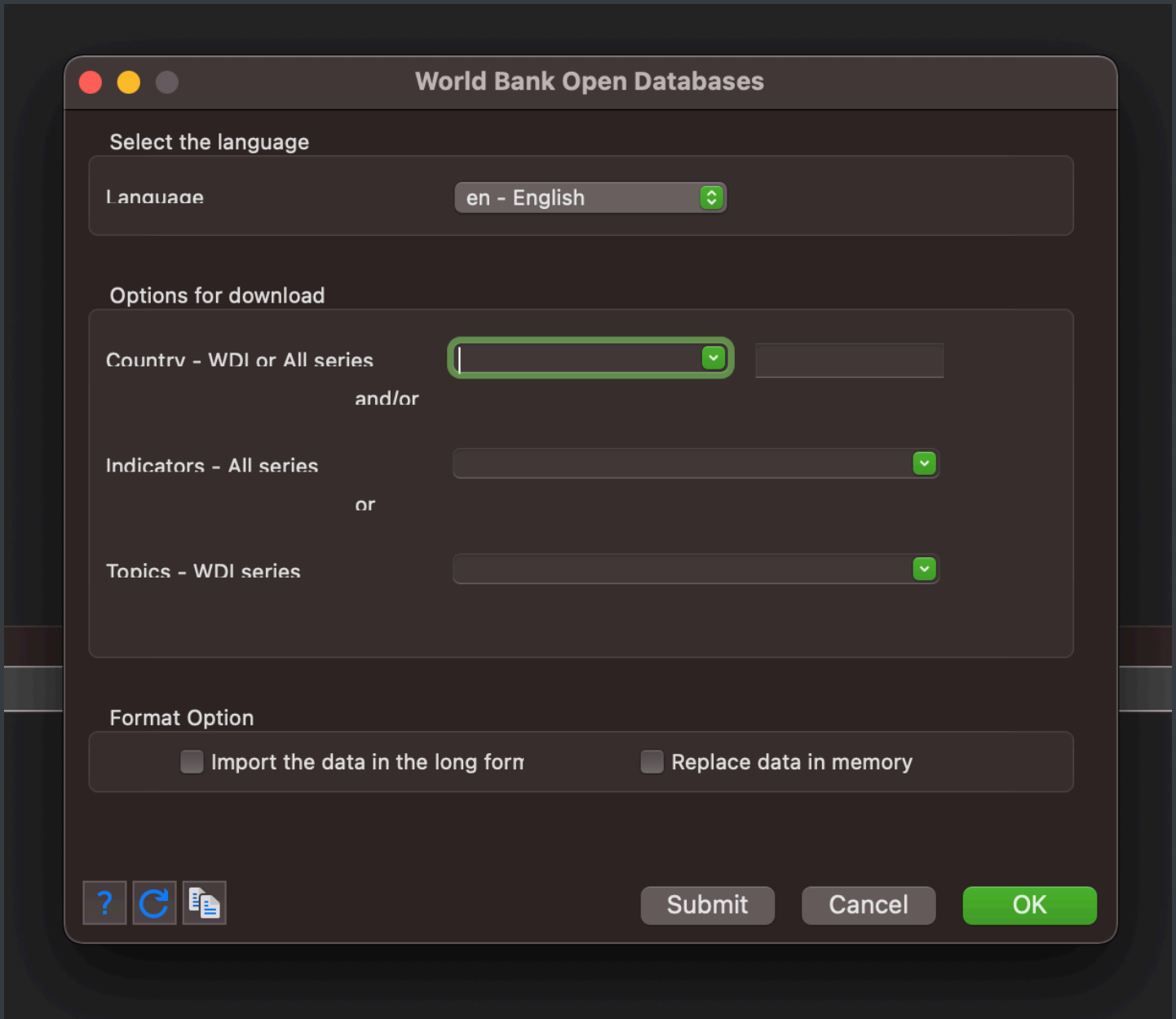
Stata has an excellent user written package to call Word Bank data by country topic and indicator.

To install

```
ssc inst wbopendata
```

And call the dialog box

```
db wbopendata
```



Renaming the extracted variables

```
ren (si_pov_dday sp_dyn_le00_fe_in sp_dyn_le00_ma_in sp_dyn_le00_in  
ny_gdp_mktp_kd_zg ny_gdp_pcap_kd sh_med_cmhw_p3 en_atm_co2e_kd_gd)  
(poverty le_female le_male le_all gdp gdp_percap chw co2)
```

Summary of the extracted variables

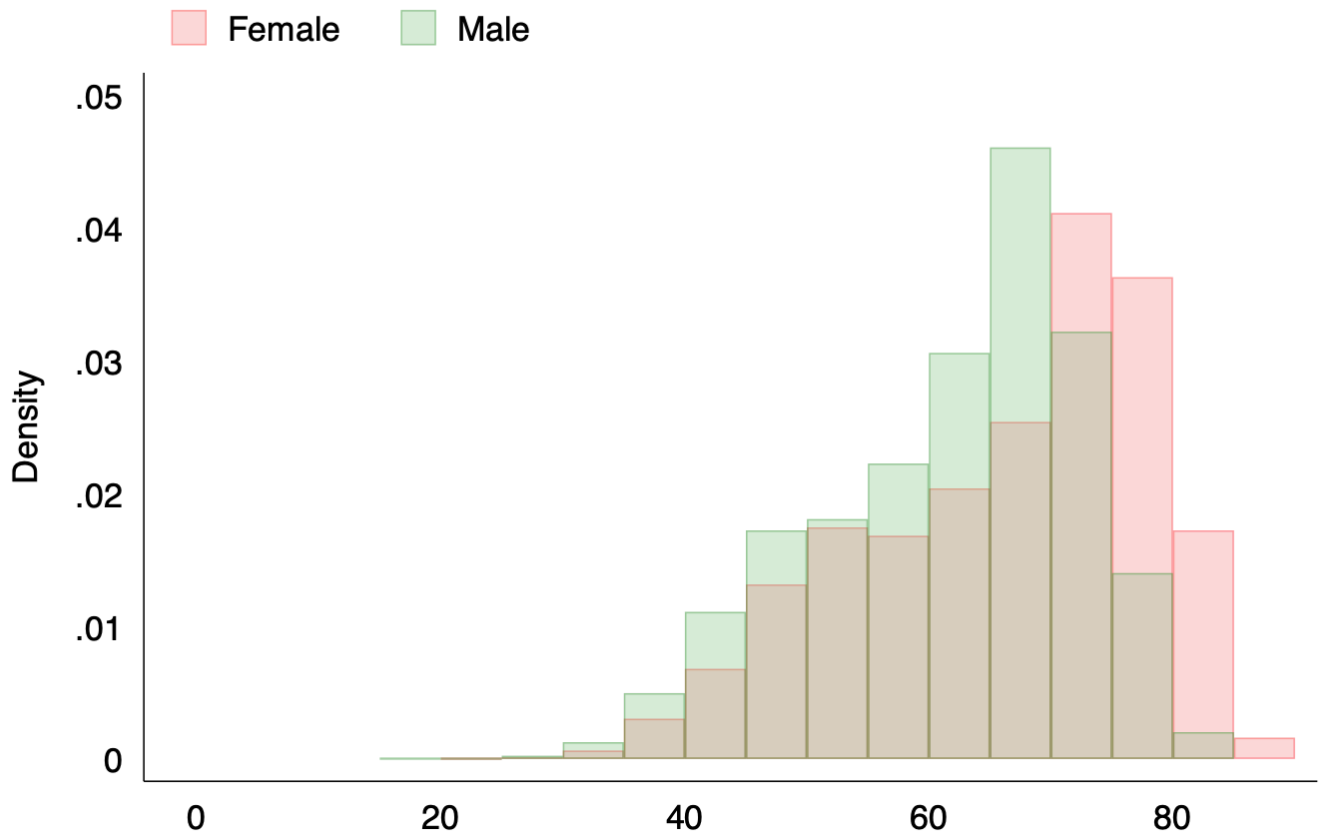
```
. sum poverty le_female le_male le_all gdp gdp_percap chw co2
```

Variable	Obs	Mean	Std. Dev.	Min	Max
-----+-----					
poverty	2,286	13.52633	19.47831	0	94.3
le_female	14,858	66.37531	11.84171	22.394	88.1
le_male	14,858	61.77288	10.7473	16.286	82.9
le_all	14,858	64.02519	11.23794	18.907	85.3878
gdp	12,153	3.663322	5.879546	-64.0471	149.973
-----+-----					
gdp_percap	12,174	10627.3	17293.45	144.2013	181709.3
chw	213	.447161	.443902	0	3.654
co2	6,537	.578024	.55694	0	5.381893

Histogram of le (all countries)

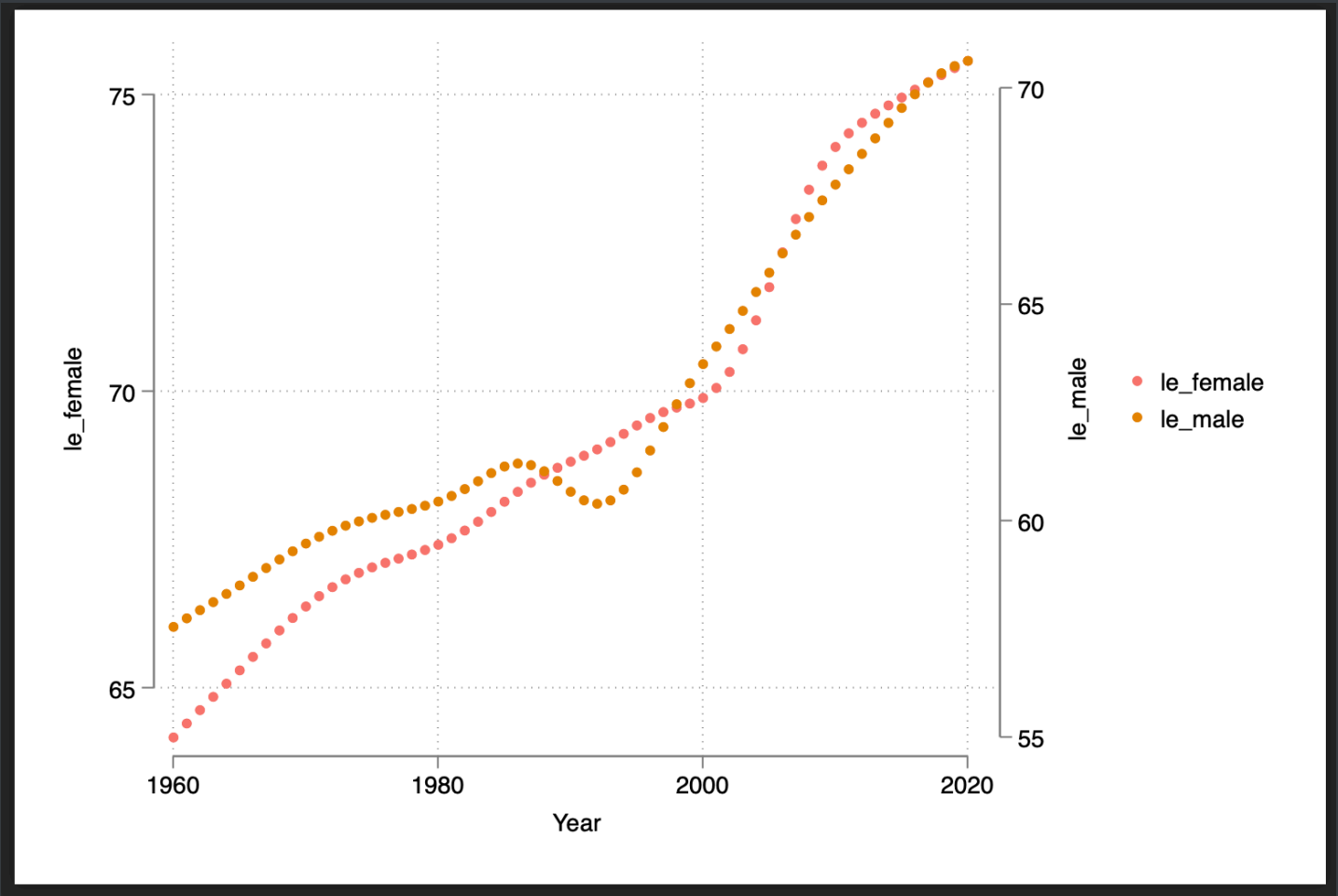
```
twoway (histogram le_female, start(0) width(5) color(red%30)) (histogram  
le_male, start(0) width(5) color(green%30)), legend(order(1 "Female" 2  
"Male" )) sch(burd) title("Gender difference in life expectancy")
```

Gender difference in life expectancy



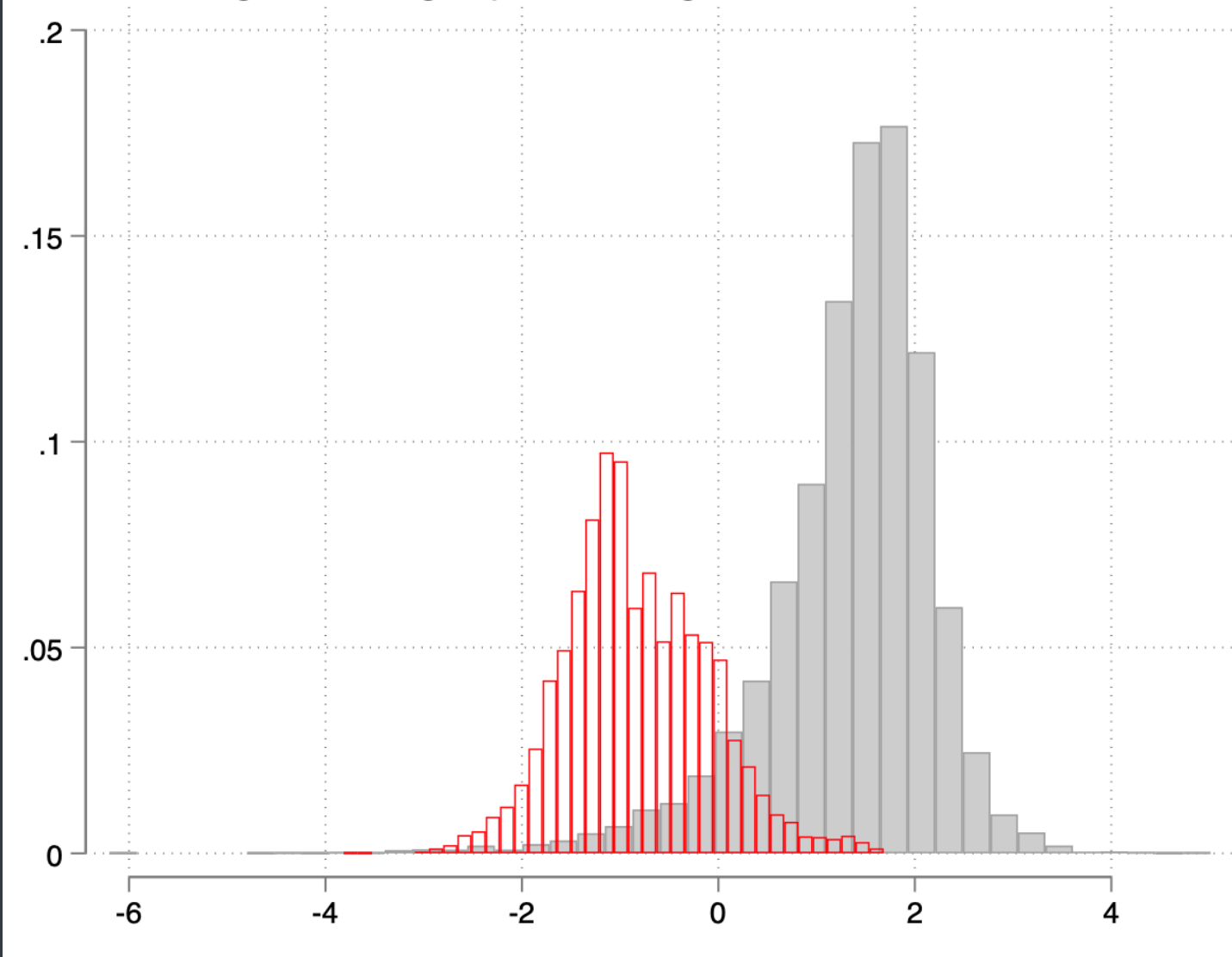
Line chart of le by year

```
twoway (scatter le_female y) (scatter le_male y, yaxis(2)) if inlist(id, 16) , sch(white_hue)
```



Histogram of Log-GDP vs Log-CO2 emission

Log-GDP (gray) Vs Log-CO2 emission(red)



Association between GDP and LE in selected countries in 2020

```
graph twoway (lfitci le_all gdp ) (scatter le_all gdp, mlabel(cn)) if  
cn<50 & year==2020, sch(white_viridis) ytitle("Life expectancy")  
xtitle("GDP/capita")
```

