Stata Syntax for Section 10.5, Chapter 10

Stata Syntax for Section 10.5 (gpscore)

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//Chapter 10 Section 10.5 – overview of the stata gpscore program

//Run with Stata Version 10

cd "D:\psa\_e2\Chapter10\data"

set more off

use LotteryDataSet.dta, clear

qui gen cut = 23 if prize<=23

qui replace cut = 80 if prize>23 & prize<=80

qui replace cut = 485 if prize >80

mat def tp = (10\20\30\40\50\60\70\80\90\100)

#delimit ;

doseresponse agew ownhs male tixbot owncoll workthen yearw yearm1 yearm2 yearm3 yearm4 yearm5 yearm6,

outcome(year6) t(prize) gpscore(pscore) predict(hat\_treat) sigma(sd) cutpoints(cut)

index(p50) nq\_gps(5) t\_transf(ln) dose\_response(dose\_response)

tpoints(tp) delta(1) reg\_type\_t(quadratic) reg\_type\_gps(quadratic) interaction(1)

bootstrap(yes) boot\_reps(100) filename("output") analysis(yes) graph("graph\_output") det

;

#delimit cr

clear