**Codebook from Stata 14.0**

**Do conditional cash transfers reduce mortality in people hospitalised with psychiatric disorders? A cohort study of the Brazilian Bolsa Família Programme**

**\*\*\* Descriptive analysis**

**\*\* Outcomes**

tab causabas\_sim1

tab causabas\_sim\_nat

tab causabas\_sim\_naonat

tab suicide

**\*\* Exposition**

tab treatbf

**\*\* Covariares**

tab cod\_sexo\_pessoa\_eq, miss

tab idade\_cat\_coorte, miss

sum idade\_entrada\_coorte\_anos, detail

tab cod\_raca\_cor\_pessoa\_eq, miss

tab escolaridade\_eq, miss

tab ano\_hosp, miss

tab ano, miss

tab lengh\_hosp\_cat, miss

tab Isolation, miss

sum Crowding

tab region, miss

tab cod\_local\_domic\_fam\_eq, miss

tab cod\_escoa\_sanitario\_domic, miss

tab cod\_abaste\_agua\_domic\_fam\_eq, miss

tab cod\_destino\_lixo\_domic\_fam\_eq, miss

tab cod\_material\_domic\_fam\_eq, miss

**\*\*\* Propensity score estimation**

**\* Logistic regression**

logistic treatbf i.cod\_sexo\_pessoa\_eq idade\_entrada\_coorte\_anos i.ano i.cod\_raca\_cor\_pessoa\_eq i.escolaridade\_eq i.Isolation i.region i.cod\_local\_domic\_fam\_eq i.cod\_escoa\_sanitario\_domic i.cod\_abaste\_agua\_domic\_fam\_eq i.cod\_destino\_lixo\_domic\_fam\_eq i.cod\_material\_domic\_fam\_eq, base

**\* Estimation**

predict prob\_bf if e(sample)

sum prob\_bf, detail

**\*Support Graphs**

hist prob\_bf, by (treatbf) graphregion(color(white)) scheme(s2mono) ytitle("Propensity score (ps)")

twoway kdensity prob\_bf, by(treatbf) graphregion(color(white)) scheme(s2mono) ytitle("Propensity score (ps)")

graph box prob\_bf, over(treatbf) graphregion(color(white)) scheme(s2mono) ytitle("Propensity score (ps)")

**\*\* ATT estimator using IPTW with truncation in 99th percentile**

gen peso\_iptw99=prob\_bf/(1-prob\_bf)

\*replace peso\_iptw=1 if treatbf==1

sum peso\_iptw99 if treatbf==0,d

sum peso\_iptw99 if treatbf==1,d

sum peso\_iptw99, detail

replace peso\_iptw99=5.79 if peso\_iptw99>5.79 & prob\_bf!=.

**\*\* Comparing covariate distributions before and after IPTW weighting**

**\*\* Before do IPTW**

covbal treatbf cod\_sexo\_pessoa\_eq idade\_cat\_coorte cod\_raca\_cor\_pessoa\_eq escolaridade\_eq cod\_escoa\_sanitario\_domic cod\_abaste\_agua\_domic\_fam\_eq cod\_destino\_lixo\_domic\_fam\_eq cod\_material\_domic\_fam\_eq Isolation region cod\_local\_domic\_fam\_eq ano

**\*\* After IPTW**

covbal treatbf cod\_sexo\_pessoa\_eq idade\_cat\_coorte cod\_raca\_cor\_pessoa\_eq escolaridade\_eq cod\_escoa\_sanitario\_domic cod\_abaste\_agua\_domic\_fam\_eq cod\_destino\_lixo\_domic\_fam\_eq cod\_material\_domic\_fam\_eq Isolation region cod\_local\_domic\_fam\_eq ano, wt(peso\_iptw99)

**\*\*\* Final models**

**\*\* Cox Regression (overall causes)**

stset fup\_years [pweight=peso\_iptw99], failure(causabas\_sim1) id(id\_cidacs\_pop100\_v3) scale(365.25)

stcox treatbf

stcox treatbf i.ano\_hosp lengh\_hosp

sts graph, by(treatbf) ci

**\*\* Competing models (fine gray model for each cause of death)**

stset fup\_years [pweight=peso\_iptw99], failure(evento1==1) id(id\_cidacs\_pop100\_v3) scale(365.25)

stcrreg treatbf i.ano\_hosp lengh\_hosp, compete(evento1==2)

stset fup\_years [pweight=peso\_iptw99], failure(evento2==1) id(id\_cidacs\_pop100\_v3) scale(365.25)

stcrreg treatbf i.ano\_hosp lengh\_hosp, compete(evento2==2)

stset fup\_years [pweight=peso\_iptw99], failure(evento3==1) id(id\_cidacs\_pop100\_v3) scale(365.25)

stcrreg treatbf i.ano\_hosp lengh\_hosp, compete(evento3==2)

**\*\*\* Population Attributable Risk estimation**

stset fup\_years, failure(causabas\_sim1) id(id\_cidacs\_pop100\_v3) scale(365.25)

stcox treatbf , vce(robust)

punafcc, at(treatbf=0) eform vce(unconditional)

stset fup\_years [pweight=peso\_iptw99], failure(causabas\_sim1) id(id\_cidacs\_pop100\_v3) scale(365.25)

stcox treatbf i.ano\_hosp lengh\_hosp, vce(robust)

punafcc, at(treatbf=0) eform vce(unconditional)