Program 13.3: Censoring Weights Calculation

\*\*\* Compute the censoring part of the IPTW weights;

\*\*\* Numerator part, including baseline covariates and time-dependent intercept;

proc logistic data=infile;

class lag1dosequartile lag2dosequartile lag3dosequartile

lag4dosequartile bldosequartile ETH SEX REGION VITDFLAG GLU BLVAC CDAYSINHOSP BLHYPERTENSN BLHXADEQUACY;

model censored = lag1dosequartile lag2dosequartile

lag3dosequartile lag4dosequartile bldosequartile ETH SEX REGION VITDFLAG GLU BLVAC CDAYSINHOSP BLHYPERTENSN BLHXADEQUACY AGE BMI HEMODIALYRS NOCHGDOSES NOHLDDOSES PERLESS11 BLHGB BLIRON BLALB BLFER BLSAT BLPTH hmthno hmthno1 hmthno2 hmthno3;

output out=model3 p=censored\_top;

run;

\*\*\* Denominator part, including baseline covariates, time-dependent intercept, and also any time-dependent covariates;

proc logistic data=infile;

class ETH SEX REGION VITDFLAG GLU BLVAC CDAYSINHOSP BLHYPERTENSN

BLHXADEQUACY bldosequartile lag1dosequartile lag2dosequartile lag3dosequartile lag4dosequartile

lag1HYPERTENSION lag1HXADEQUACY lag1VASCULAR;

model censored = ETH SEX REGION VITDFLAG GLU BLVAC CDAYSINHOSP

BLHYPERTENSN BLHXADEQUACY AGE BMI HEMODIALYRS NOCHGDOSES NOHLDDOSES PERLESS11 BLHGB BLIRON BLALB BLFER BLSAT BLPTH bldosequartile lag1dosequartile lag2dosequartile lag3dosequartile lag4dosequartile

lag1hb lag2hb lag3hb lag4hb

lag1HYPERTENSION lag1HXADEQUACY lag1VASCULAR lag1NHSPDNUM lag1hospitaldays lag1iron lag1sat lag1alb lag1fer

lag1hbdose0 lag1hbdose1 lag1hbdose2 lag1hbdose3 lag1hbdose4 hmthno hmthno1 hmthno2 hmthno3;

output out=model4 p=censored\_bottom;

run;

data censormodels;

merge model3 (keep=patient biweekno censored\_top)

model4 (keep=patient biweekno censored\_bottom) ;

by patient biweekno;

if nmiss(censored\_top, censored\_bottom)>0 then censored\_sw=1;

if nmiss(censored\_top, censored\_bottom)=0 then

censored\_sw=censored\_top/censored\_bottom;

run;