ANALYTIC FILE CODEBOOK

Original variables		**Description**
lopenr	-	Unique ID
sex	-	Sex (1=male, 2=female)
GPsex_`yr'	-	GP sex as recorded in year=`yr'
GPID`yr'	-	GP ID as recorded in year=`yr'
bokomm`yr'	-	Municipality as recorded in year=`yr'

Constructed variables*		**Description**
`out'predict	-	Predicted values for core outcomes, based on non-swappers
Acad_track_Yr1	-	Academic track; 1st year HS
Age_GP	-	GP age at year of patient swap
AllBalance	-	Sample with no missing data on the balance test variables
AnyGPMatch	-	Any same-gender GP before age 15 (variable YearsGPGenderMatch more than 0)
birthorder	-	Birth order
Byr	-	Birth year
CohByMuni	-	Categorical variable, unique for each year of birth-by-municipality. Concatenates municipality ID with year of birth
CollEver	-	Ever enroll in college or higher
dad_edu_yrs	-	Father years of education at birth
DxCt15	-	Total unique diagnoses at age 15
DxMentalHealth15	-	Any mental health diagnoses at age 15
exposure_str_exog_swap	-	Exposure measure: 15 minus age of first strict exogenous swap
exposure_term_exog_swap	-	Exposure measure: 15 minus age of first terminate swap
Fertility15	-	Fertility (admission for delivery) at age 15
FirstGPID	-	First observed GP ID
FirstMuni	-	Municipality of residence when first observed GP

*All constructed variables derived from Norwegian government administrative data registries in cleaning files or analysis file

ANALYTIC FILE CODEBOOK (continued)

Constructed variables*		Description
FirstYr	-	Year of first observed GP
GPA	-	GPA (0 to 6); lower secondary school
GPA_HS	-	GPA (0 to 6); upper secondary school
GPfemale_FirstGP	-	First observed GP is female
GPID	-	See str_exogGPID
GPvisit_age15	-	Number of GP visits at age 15
GPvisit_age15_cond	-	Number of GP visits at age 15, conditional on any visits
MedCollEver	-	Ever enroll in medicine college or higher
mom_age_birth	-	Mother age at birth
mom_edu_yrs	-	Mothers years of education at birth
mom_edu_yrs_15	-	Mothers years of education at age 15
mom_log_tot_inc_15	-	Mother log total income at age 15
mom_married	-	Mother married at birth
mom_NoLFP_15	-	Mother out of labor force at age 15
MomDxCt15	-	Mother total unique diagnoses at child age 15
MomDxMentalHealth15	-	Mother any mental health diagnoses at child age 15
MomFertility15	-	Mother fertility (admission for delivery) at age 15
MomHighEdCollege	-	Mother has at least a college education
MomHighInc75p	-	Mother in at least 75%tile of income
MomMarried	-	Mother is married
MomReproBinary15	-	Mother any birth control diagnoses (visits) at age 15
NonAcad_track_Yr3	-	HS diploma non-academic track
NonSciGPA	-	Non-Science GPA (0 to 6); lower secondary school
NonSciGPA_HS	-	Non-Science GPA (0 to 6); upper secondary school
NonSTEM_Acad_track_Yr3	-	Non-Stem HS diploma academic track
NORborn	-	Born in Norway
Norway_GP	-	New GP country of origin is Norway

*All constructed variables derived from Norwegian government administrative data registries in cleaning files or analysis file

ANALYTIC FILE CODEBOOK (continued)

Constructed variables*		Description
Norway_GP_miss	-	New GP country of origin data missing
Norway_prevGP	-	Previous GP country of origin is Norway
Norway_prevGP_miss	-	Previous GP country of origin data missing
ReproBinary15	-	Any birth control diagnoses (visits) at age 15
SciGPA	-	Science GPA (0 to 6); lower secondary school
SciGPA_HS	-	Science GPA (0 to 6); upper secondary school
siblings	-	Number of siblings
STEM_HSdiploma	-	HS diploma STEM specialization
STEMCollEver	-	Ever enroll in STEMM college or higher
STEMCollEver_NotMed	-	Ever enroll in STEM college or higher, excluding medicine
str_exog_age	-	Age at first strict exogenous swap
str_exog_AgeSwapBins1	-	Age of exogenous swap 6-9
str_exog_AgeSwapBins2	-	Age of exogenous swap 10-12
str_exog_AgeSwapBins3	-	Age of exogenous swap 13+
str_exog_muni	-	Municipality of first strict exogenous swap
str_exogGPID	-	GP ID of first strict exogenous swap
str_exogGPIDprev	-	Previous GP ID of first strict exogenous swap
str_exogGPsexprev	-	Previous GP sex of first strict exogenous swap
str_exogGPsexprev_miss	-	Previous GP sex is missing
str_GPsexMatch	-	GP-patient sex match; strict exogenous swaps
str_keepexogGP	-	Still with first str exog swap at age 15
term_exog_muni	-	Municipality of first terminate swap
term_exogGPID	-	GP ID of first terminate swap
term_exogGPIDprev	-	Previous GP ID of first terminate swap
term_GPsexMatch	-	GP-patient sex match; terminate swaps
total_str_exog_swap_age15	-	Count; str exog swap; by age 15
YearBorn_GP	-	New GP year of birth

*All constructed variables derived from Norwegian government adiminstrative data registries in cleaning files or analysis file

ANALYTIC FILE CODEBOOK (continued)

Constructed variables*		Description
YearBorn_GP_miss	-	New GP year of birth is missing
YearBorn_prevGP	-	Previous GP year of birth
YearBorn_prevGP_miss	-	Previous GP year of birth is missing
YearsGPGenderMatch	-	Number of years under age 15 with same-gender GP
yr_str_exog_swap	-	Year of first strict exogenous swap
yr_term_exog_swap	-	Year of first terminate swap
YrByMuni	-	Categorical variable, unique for each year of swap-by-municipality. Concatenates municipality ID with year of swap.

*All constructed variables derived from Norwegian government administrative data registries in cleaning files or analysis file