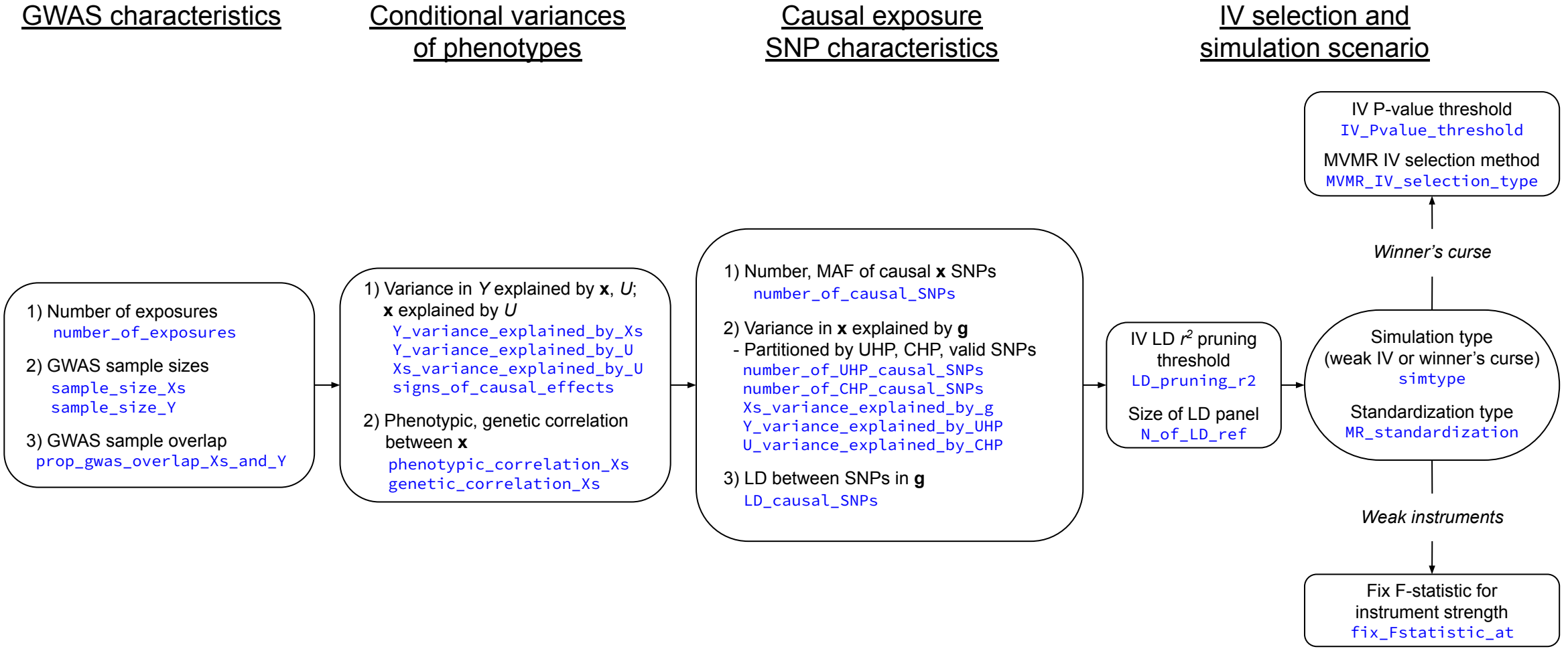
GWAS characteristics
Conditional variances of phenotypes
Causal exposure SNP characteristics
IV selection and simulation scenario
1) Number of exposures
number_of_exposures
2) GWAS sample sizes
sample_size_Xs
sample_size_Y
3) GWAS sample overlap
prop_gwas_overlap_Xs_and_Y
1) Variance in Y explained by x, U; x explained by U
Y_variance_explained_by_Xs
Y_variance_explained_by_U
Xs_variance_explained_by_U
signs_of_causal_effects
2) Phenotypic, genetic correlation between x
phenotypic_correlation_Xs
genetic_correlation_Xs
1) Number, MAF of causal x SNPs
number_of_causal_SNPs
2) Variance in x explained by g
- Partitioned by UHP, CHP, valid SNPs
number_of_UHP_causal_SNPs
number_of_CHP_causal_SNPs
Xs_variance_explained_by_g
Y_variance_explained_by_UHP
U_variance_explained_by_CHP
3) LD between SNPs in g
LD_causal_SNPs
IV LD r2 pruning threshold
LD_pruning_r2
Size of LD panel
N_of_LD_ref
Simulation type (weak IV or winner's curse)
simtype
Standardization type
MR_standardization
IV P-value threshold
IV_Pvalue_threshold
MVMR IV selection method
MVMR_IV_selection_type
Winner's curse
Weak instruments
Fix F-statistic for instrument strength
fix_Fstatistic_at