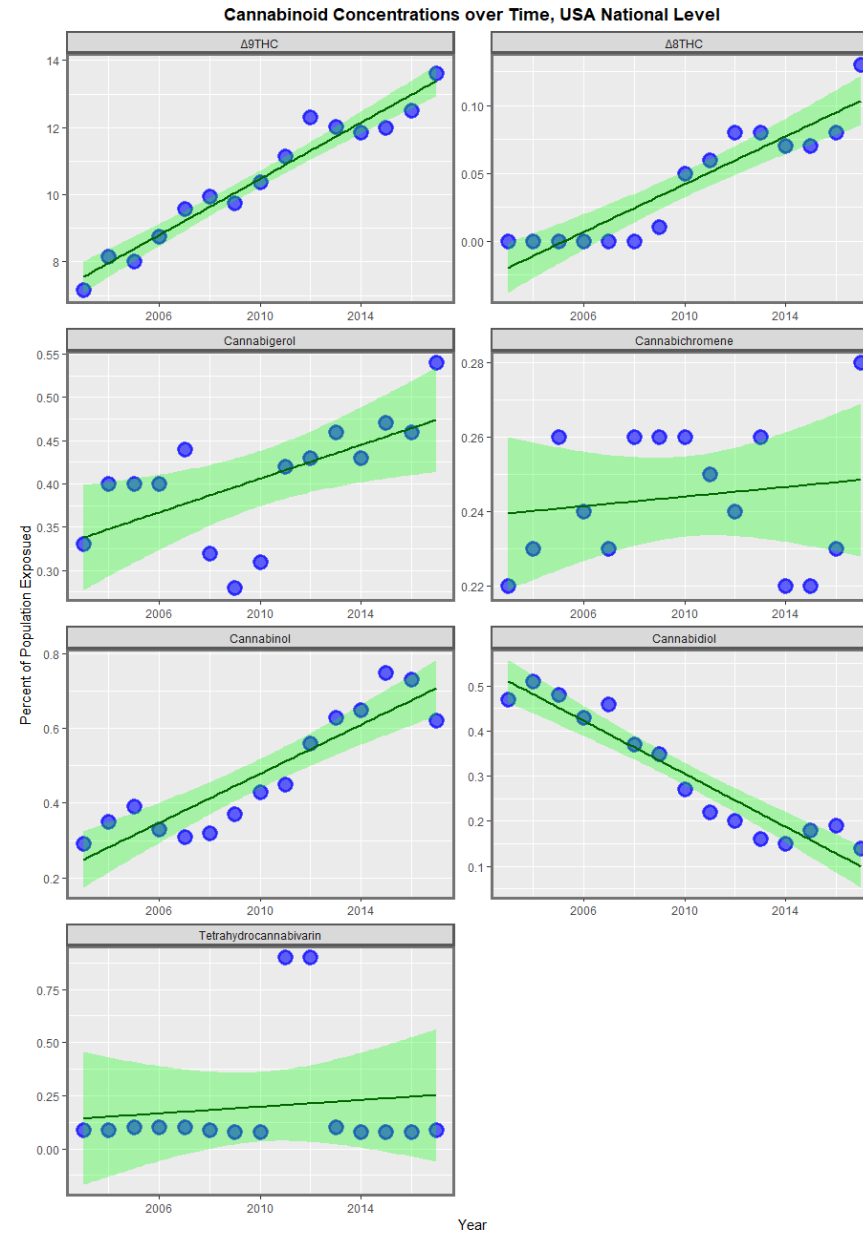
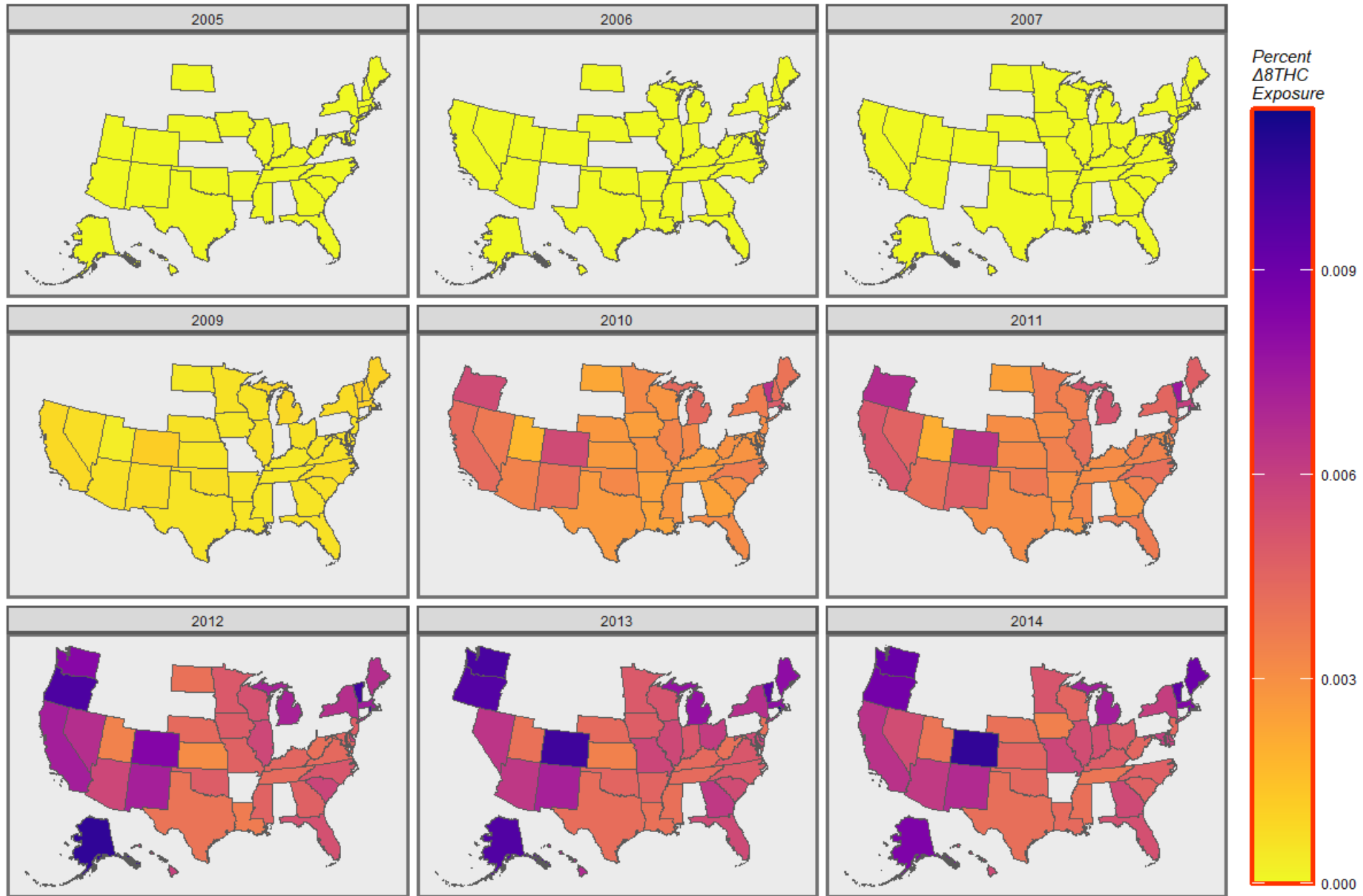


SF1 - Cannabinoid Concentrations in Federal Seizures

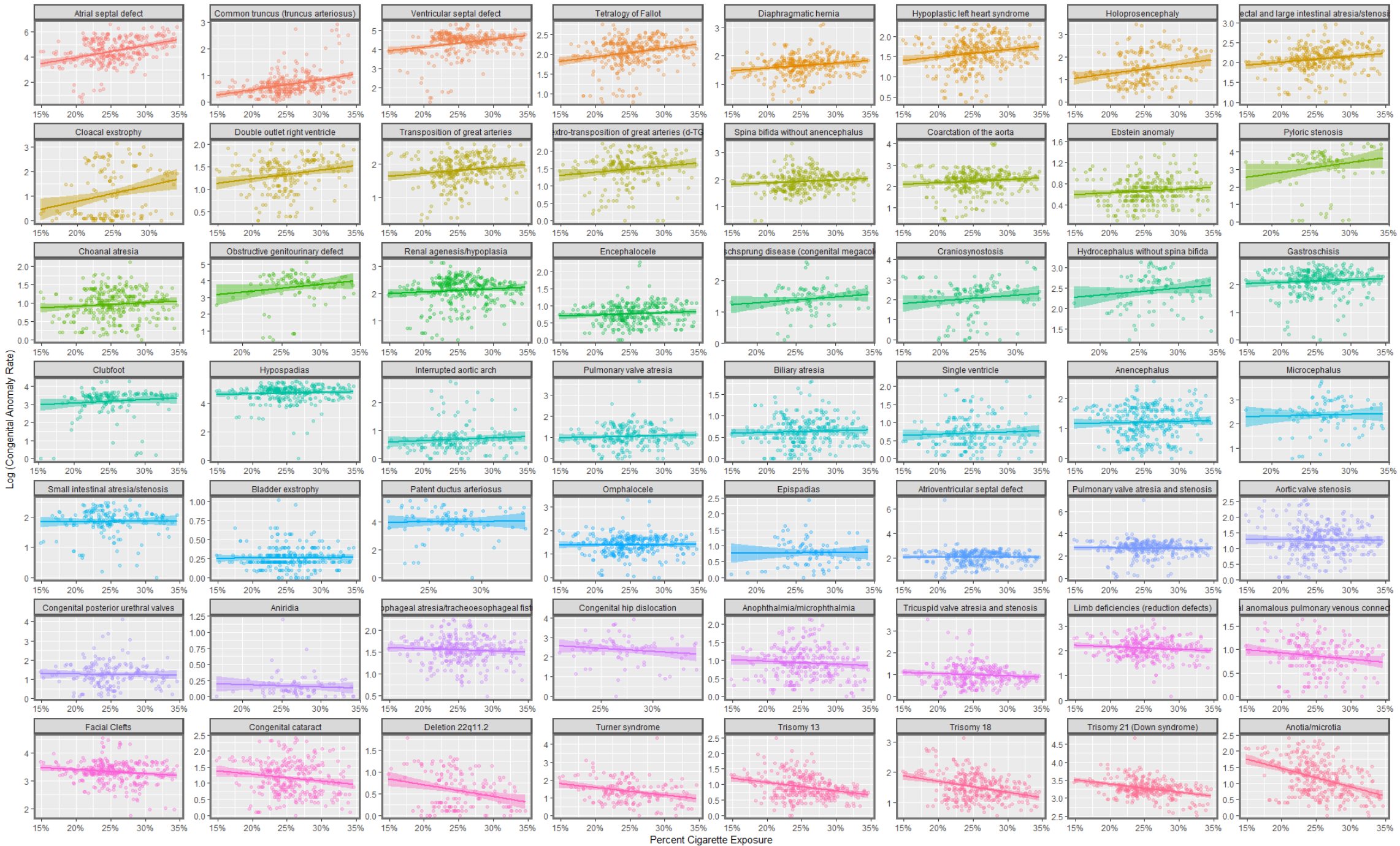


SF2 - d8THC

$\Delta 8$ THC Exposure Across USA by State Over Time



Log (Congenital Anomaly Rate) by Cigarette Exposure



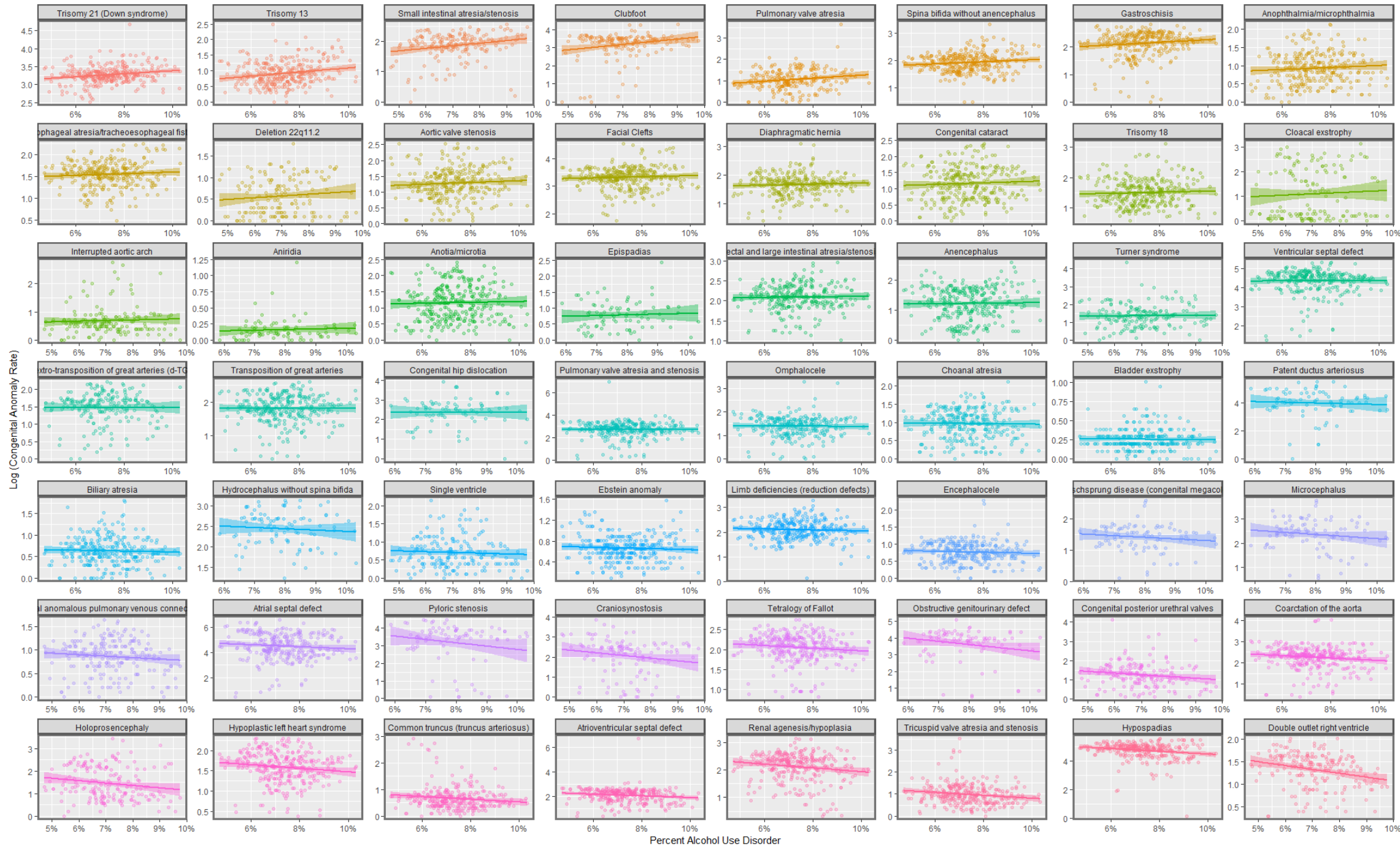
SF3

Tob

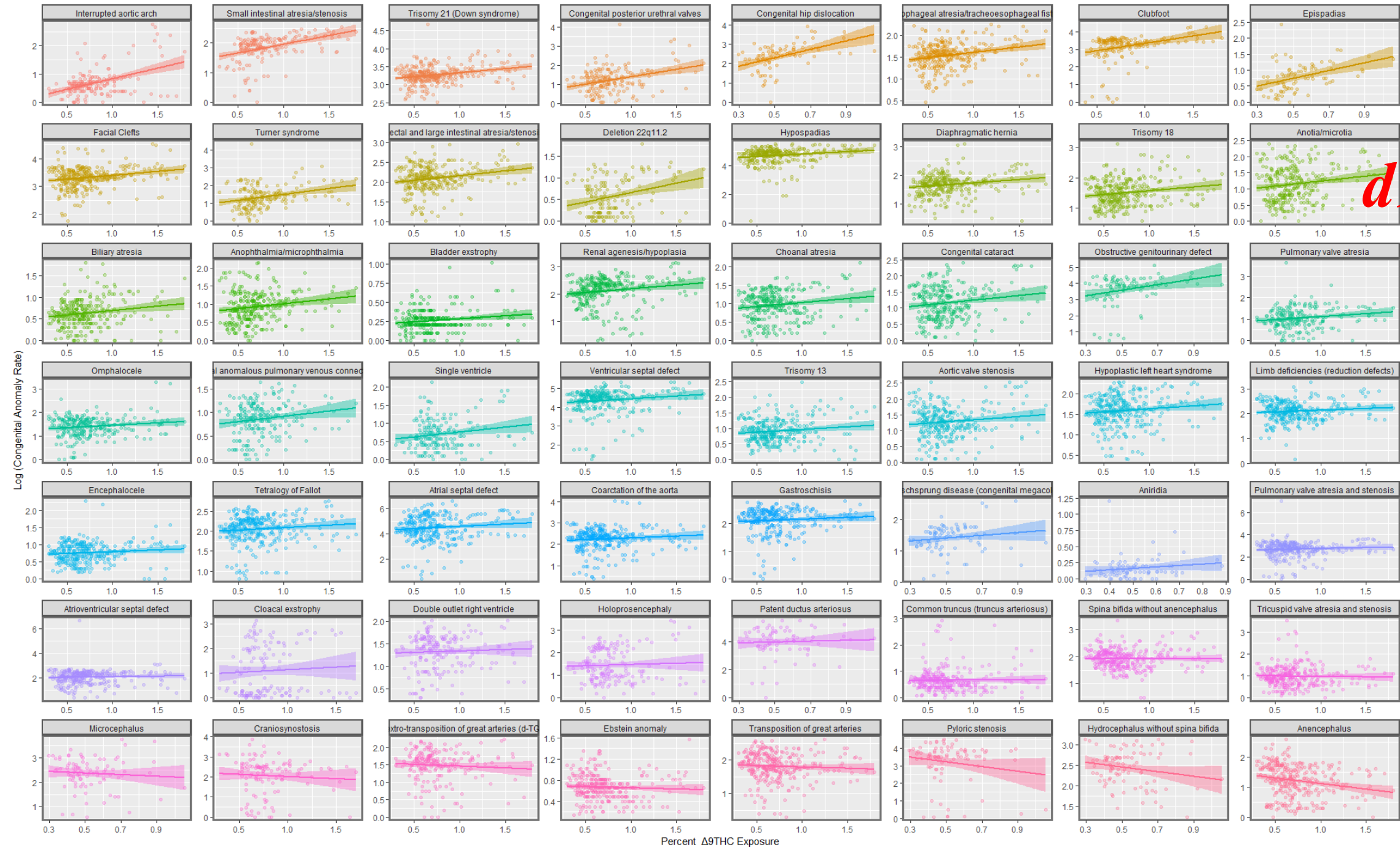
Log (Congenital Anomaly Rate) by Alcohol Use Disorder

SF4

AUD



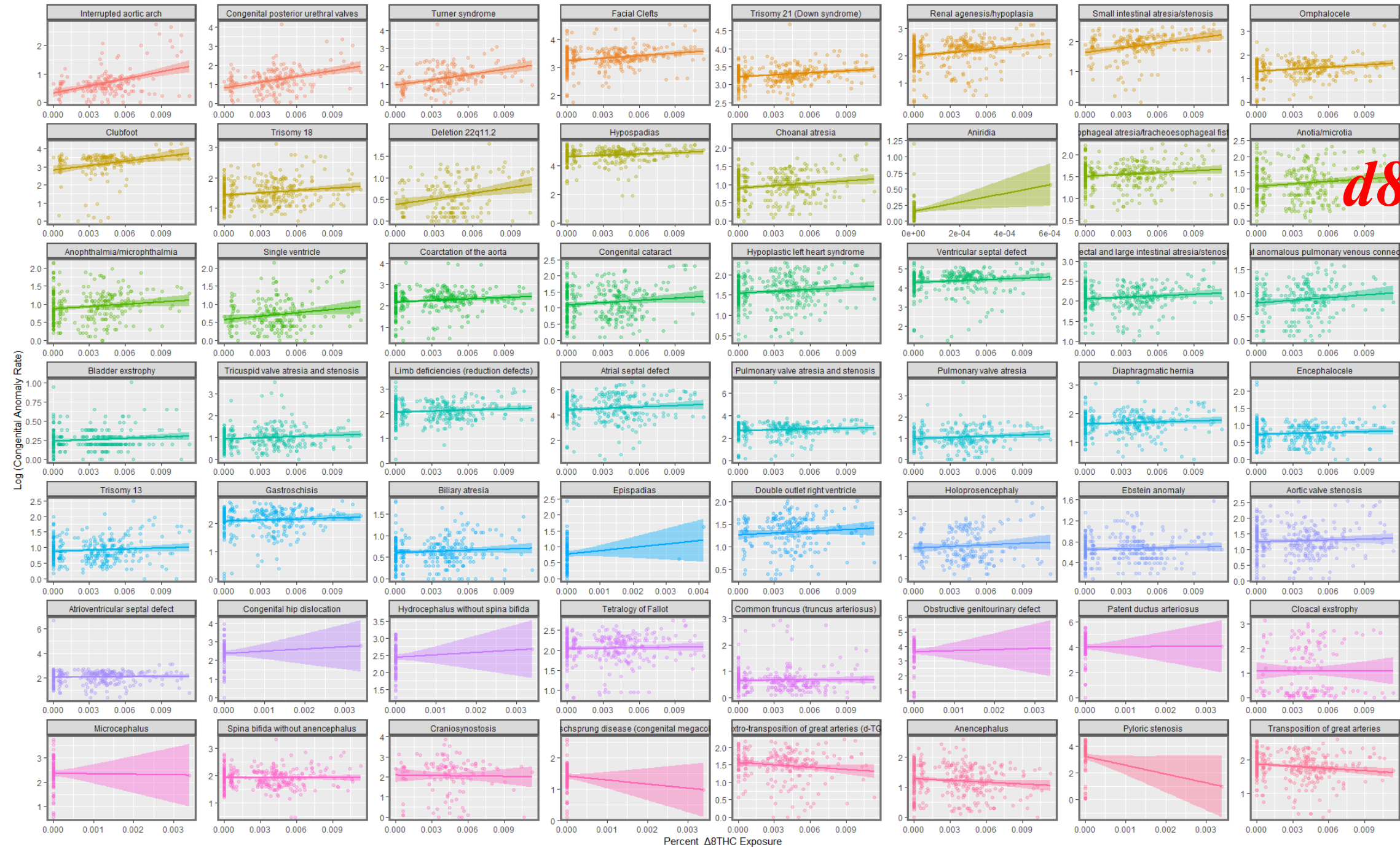
Log (Congenital Anomaly Rate) by Δ 9THC Exposure



SF5

d9THC

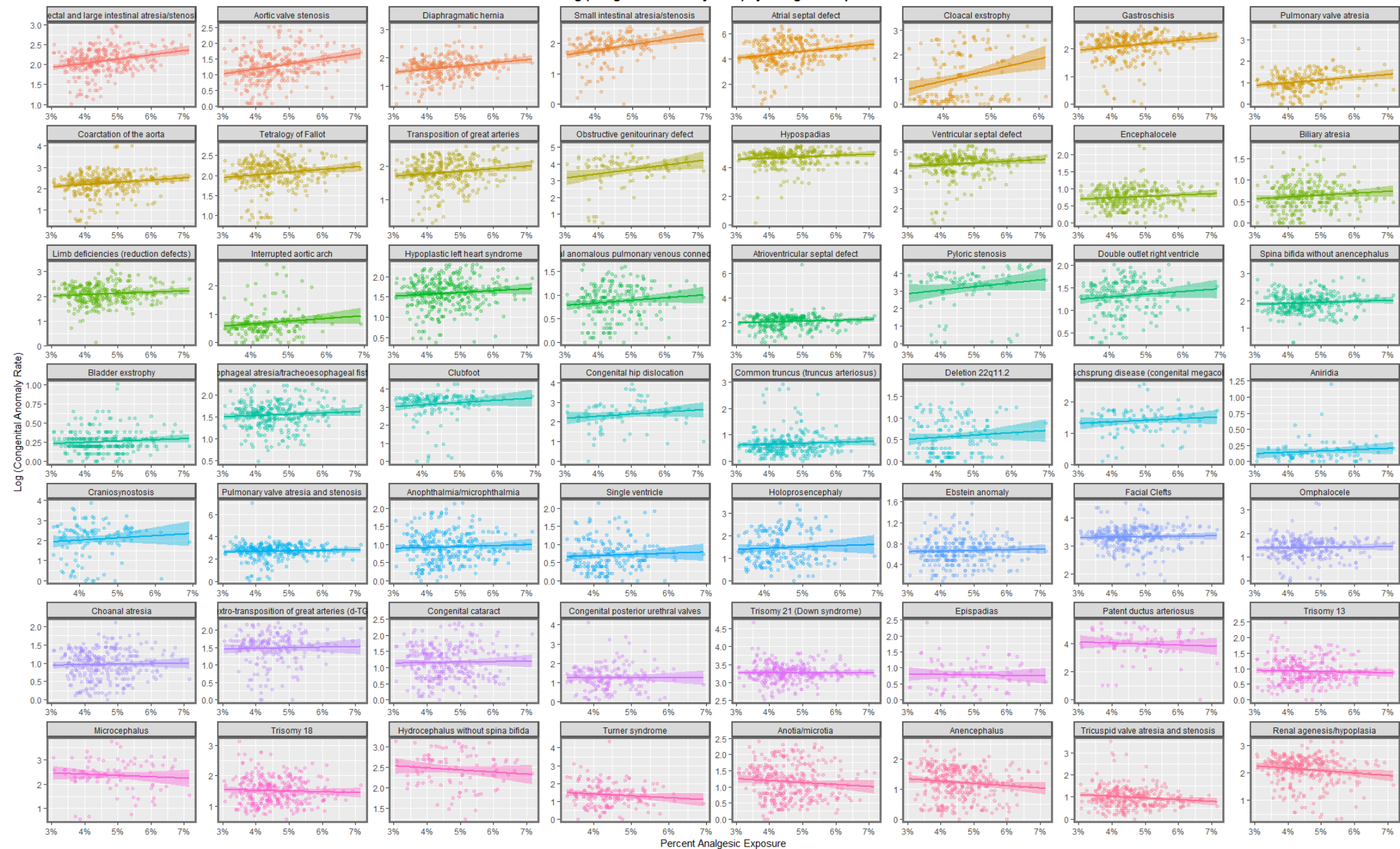
Log (Congenital Anomaly Rate) by $\Delta 8\text{THC}$ Exposure



SF6

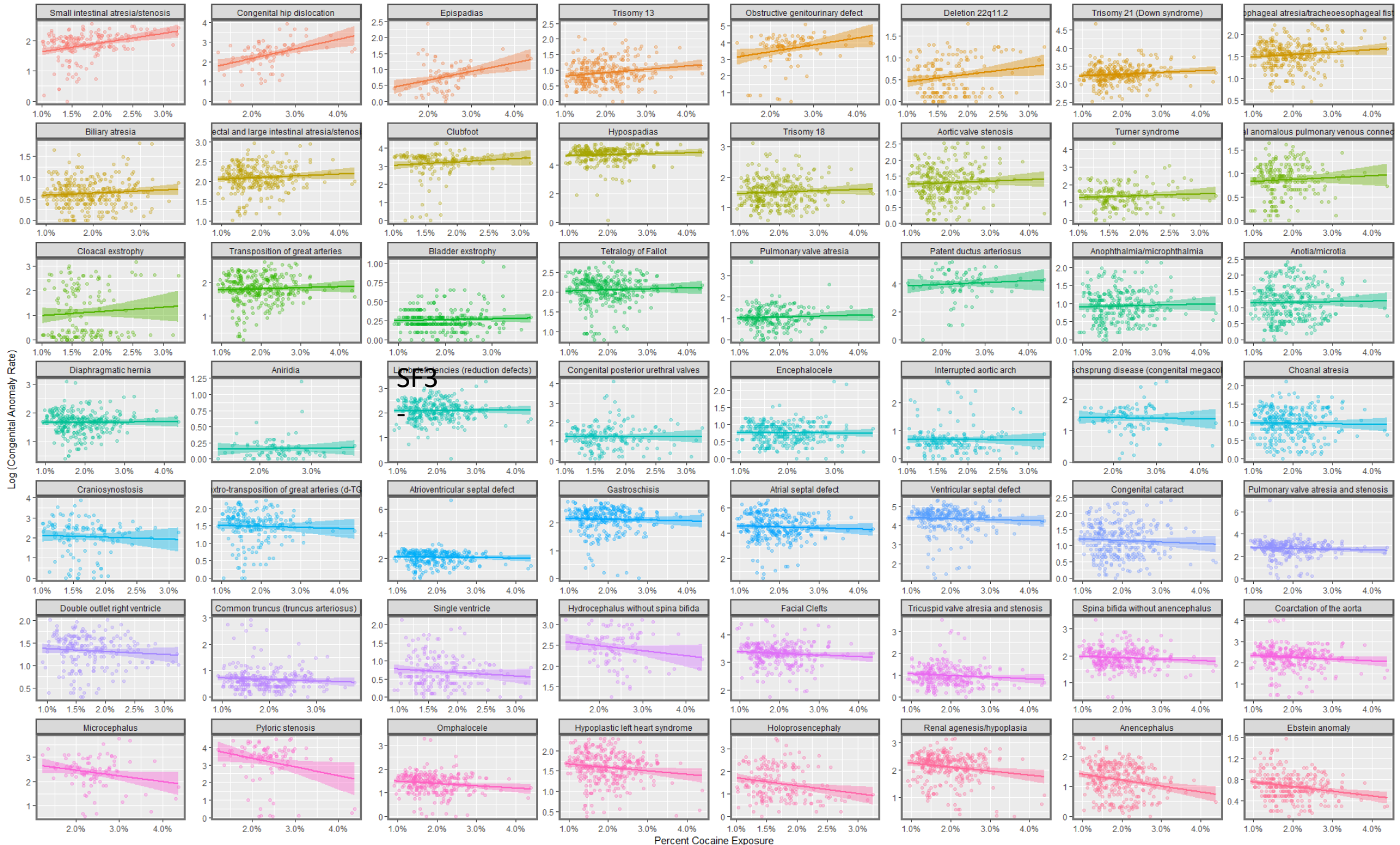
d8THC

Log (Congenital Anomaly Rate) by Analgesic Exposure



SF7
-
Anal

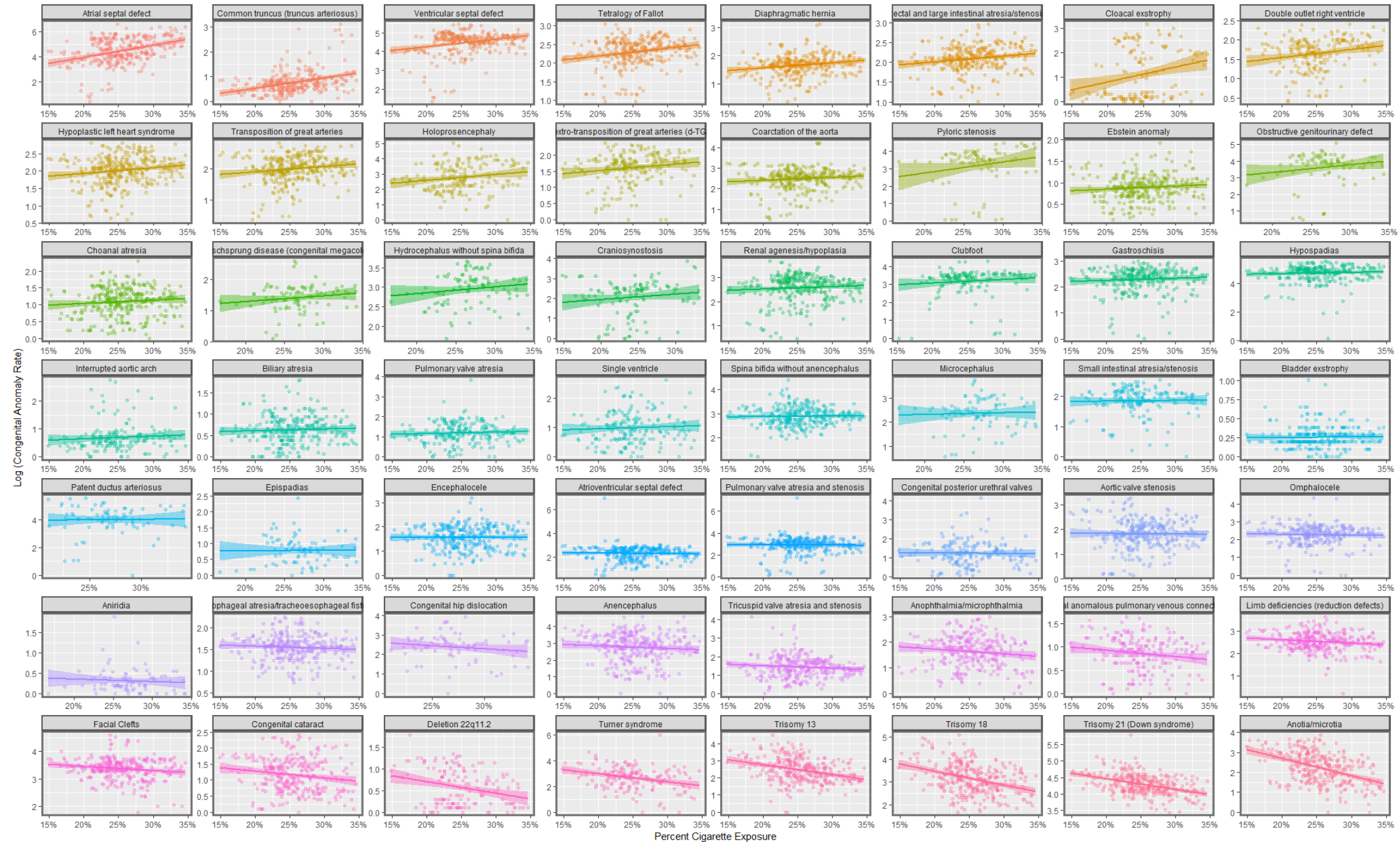
Log (Congenital Anomaly Rate) by Cocaine Exposure



SF8

Coc

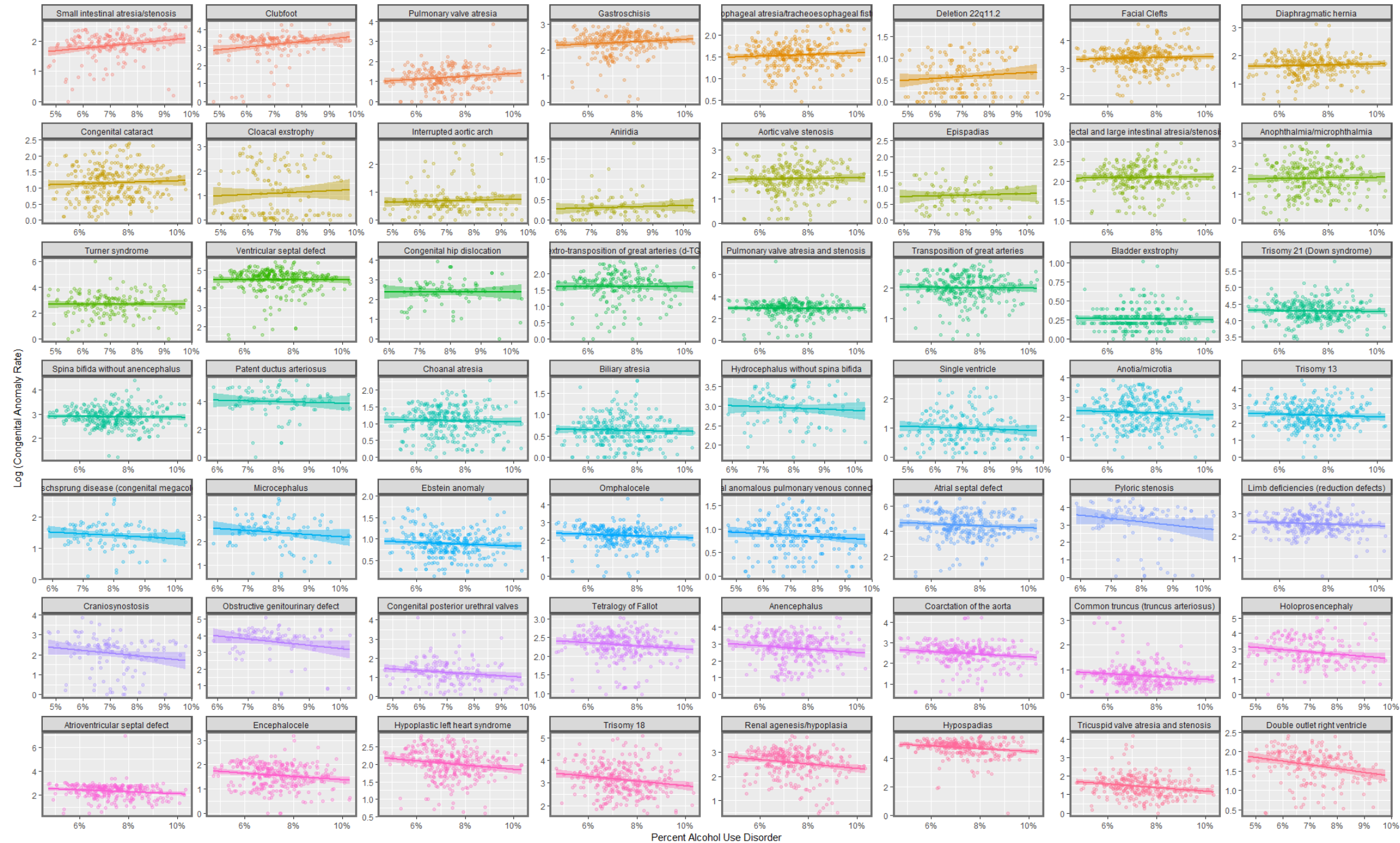
Log (Congenital Anomaly Corrected Rate) by Cigarette Exposure



SF9

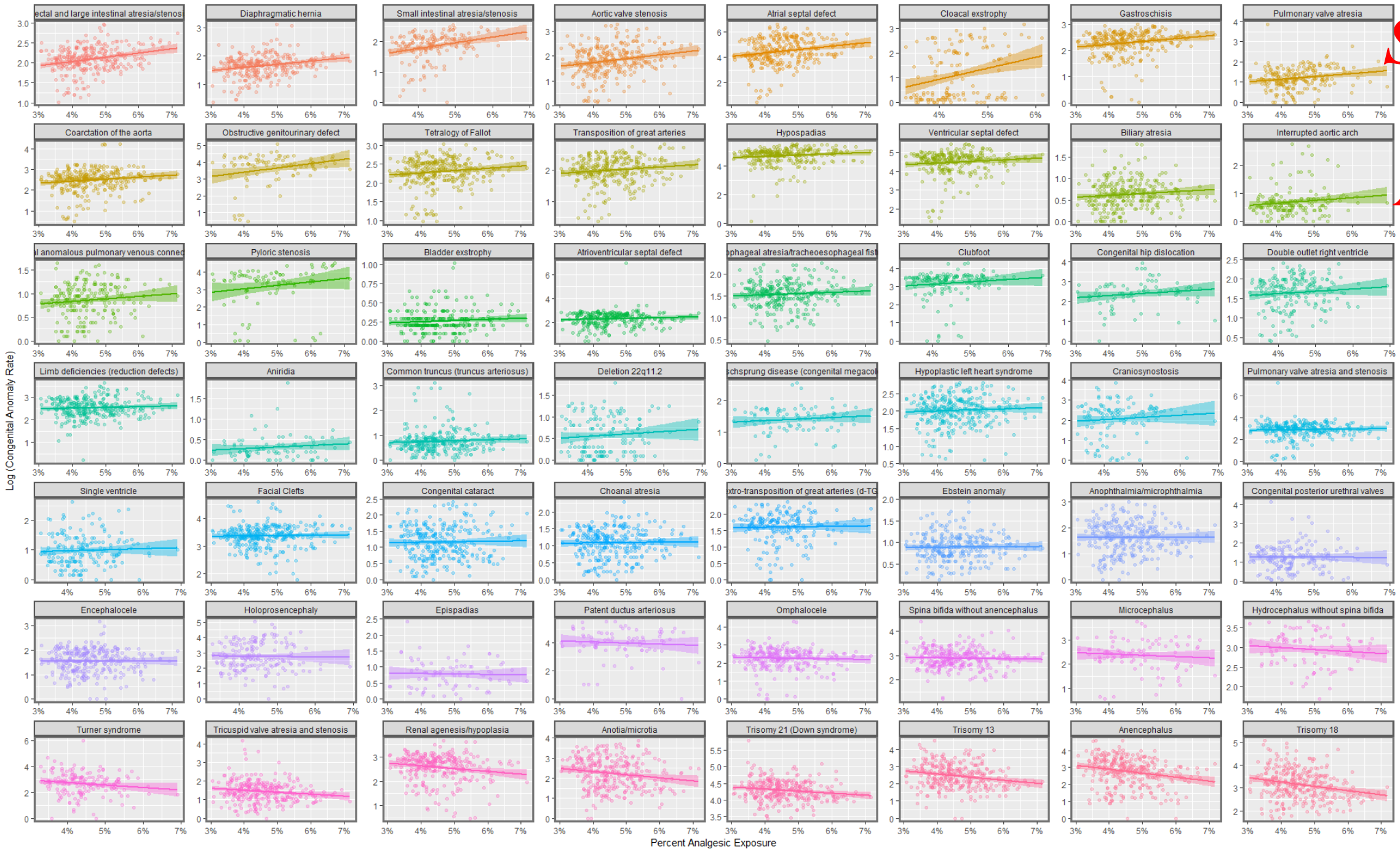
Cig

Log (Congenital Anomaly Corrected Rate) by Alcohol Use Disorder



SF10
-
AUD

Log (Congenital Anomaly Corrected Rate) by Analgesic Exposure



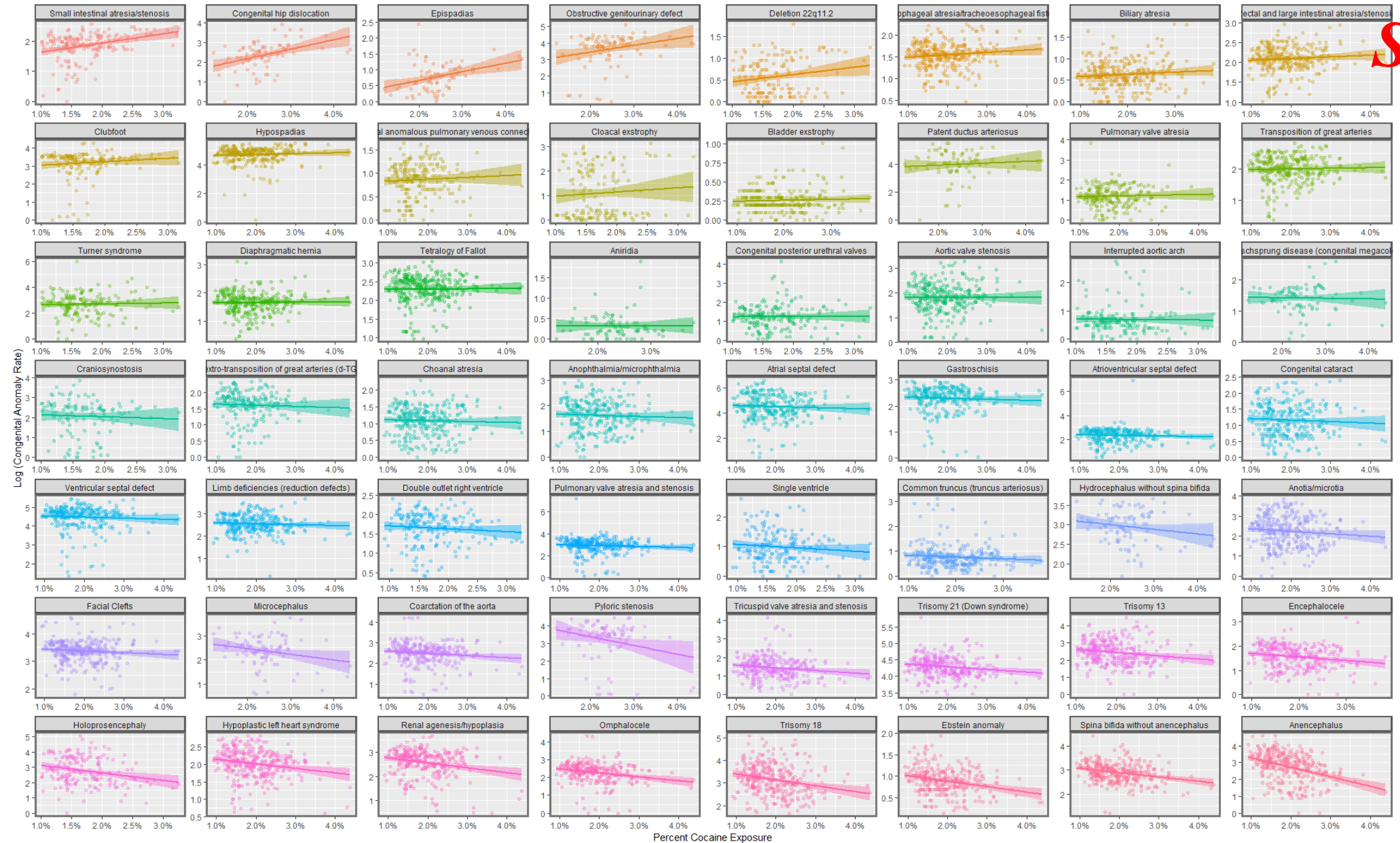
SF11

Anal

Log (Congenital Anomaly Corrected Rate) by Cocaine Exposure

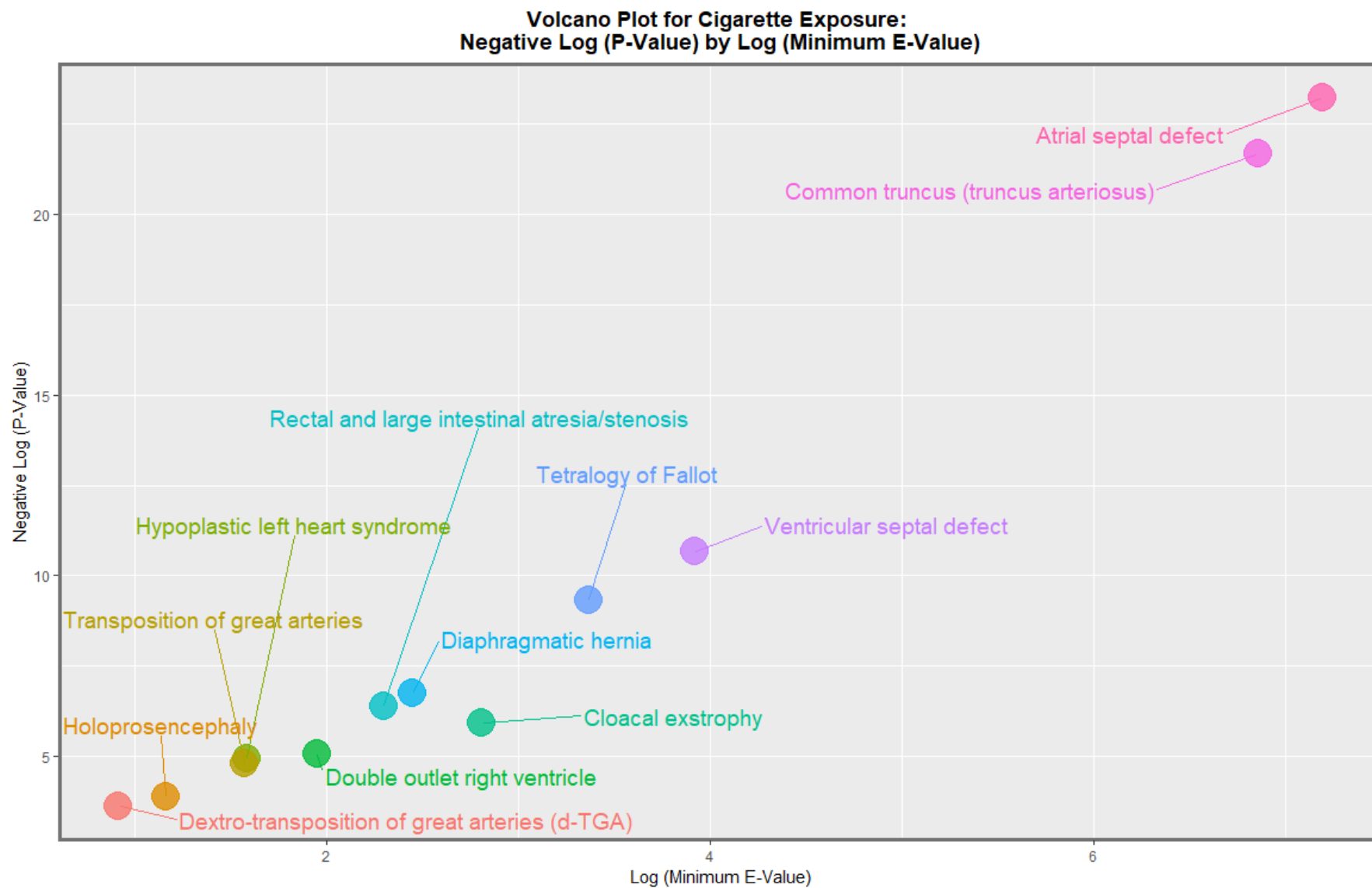
SF12

Coc



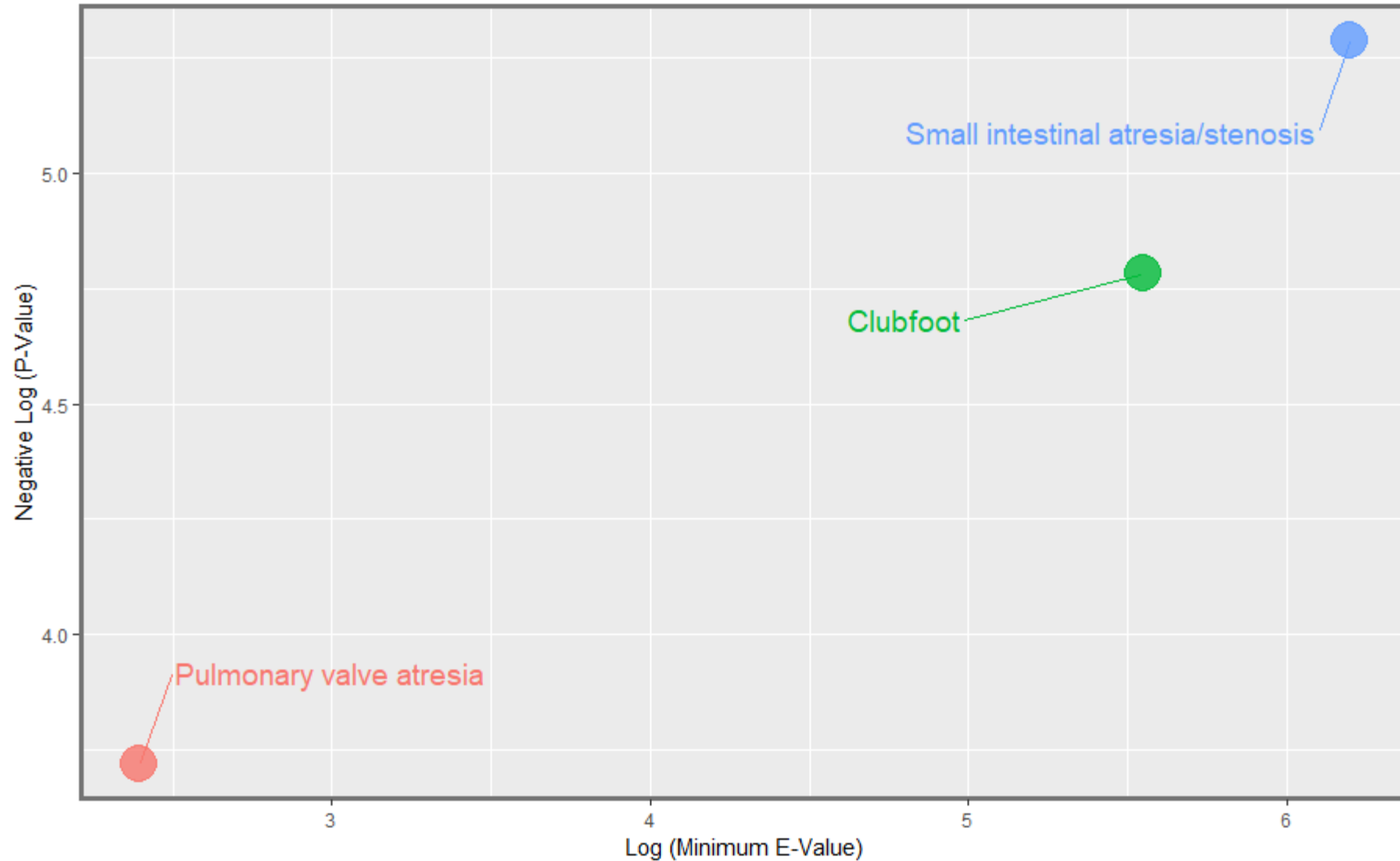
Percent Cocaine Exposure

SF13 - Tob



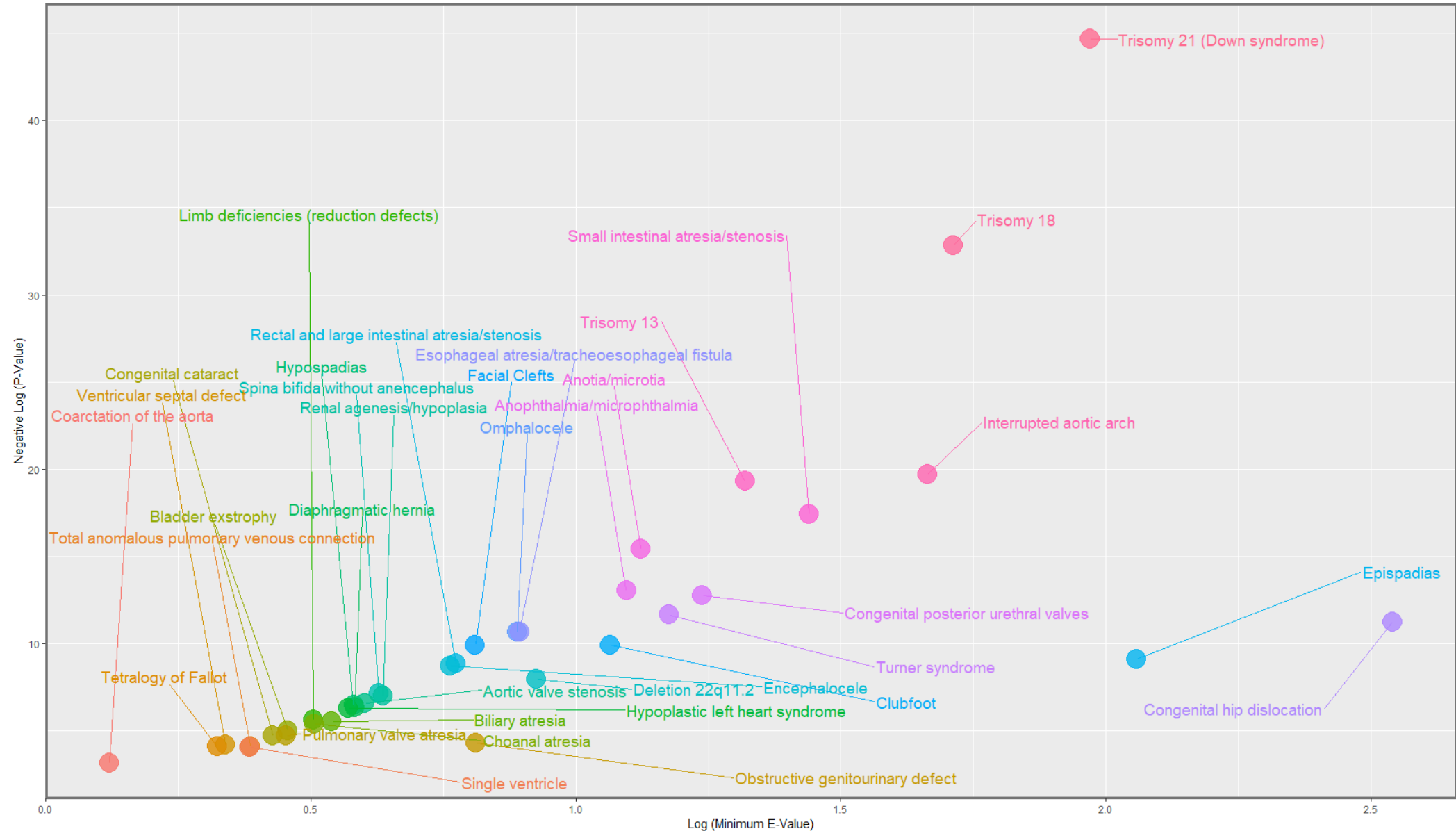
SF14 - AUD

**Volcano Plot for AUD Exposure:
Negative Log (P-Value) by Log (Minimum E-Value)**



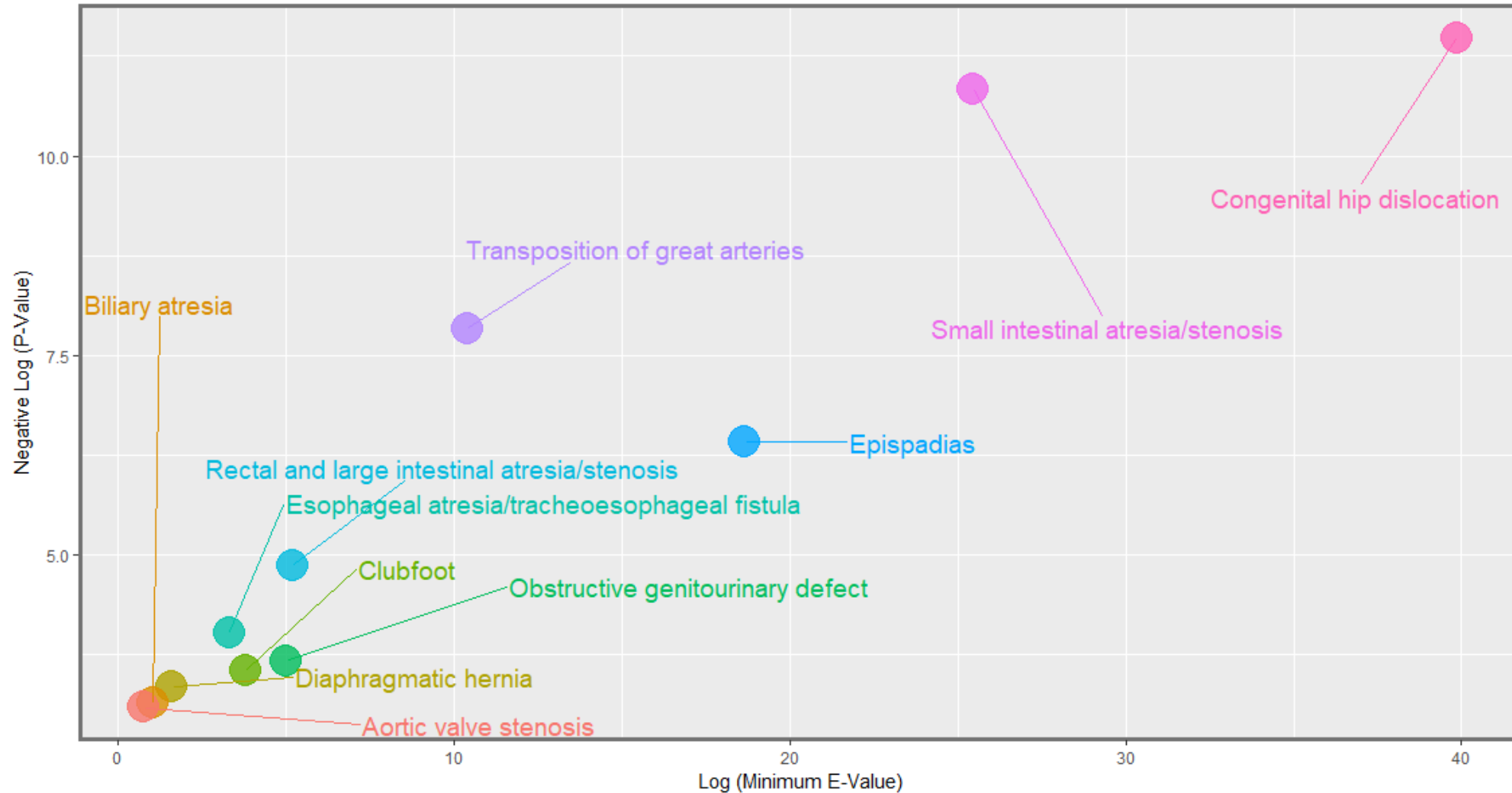
SF15 - d9THC

Volcano Plot for Δ 9THC Exposure:
Negative Log (P-Value) by Log (Minimum E-Value)



SF16 - CBD

Volcano Plot for Cannabidiol Exposure:
Negative Log (P-Value) by Log (Minimum E-Value)



Comparison of Corrected Congenital Anomaly Rate by Extreme Tobacco Exposure Quintiles



SF17

Tob

Comparison of Corrected Congenital Anomaly Rate by Extreme Alcoholism Exposure Quintiles



SF18

AUD



SF19

Mrj

Comparison of Corrected Congenital Anomaly Rate by Extreme $\Delta 9\text{THC}$ Exposure Quintiles

ETOPFA - Corrected Congenital Anomaly Rate



$\Delta 9\text{THC}$ Exposure Quintiles

SF20
-
d9THC

Comparison of Corrected Congenital Anomaly Rate by Extreme Analgesic Exposure Quintiles



SF21

Anal

Comparison of Corrected Congenital Anomaly Rate by Extreme Cocaine Exposure Quintiles

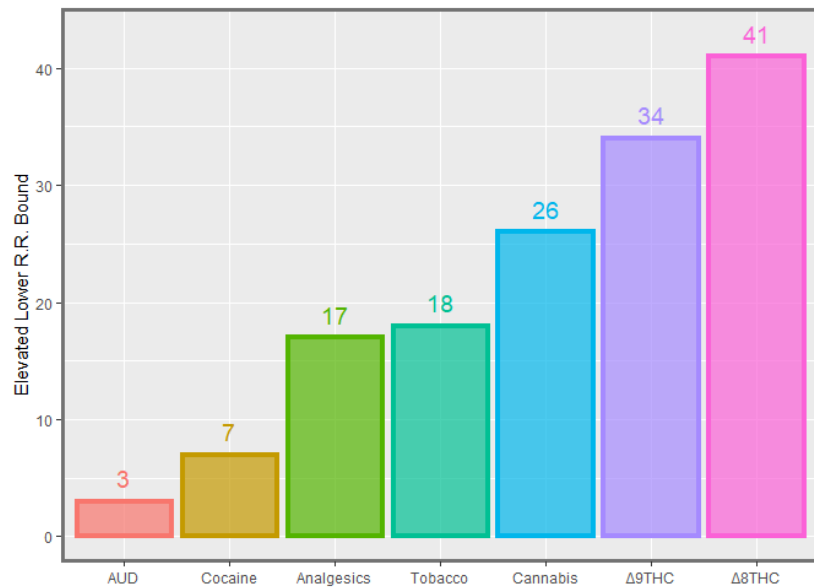


SF22

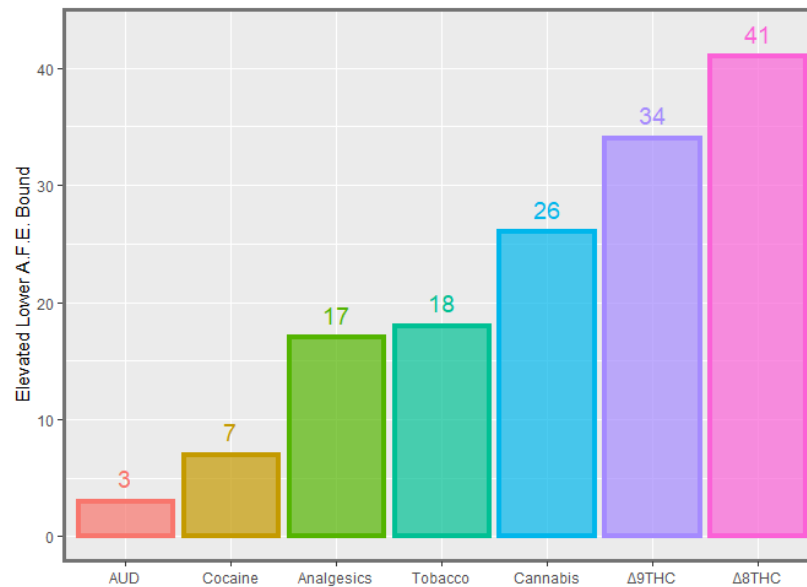
Coc

SF23 - Summ

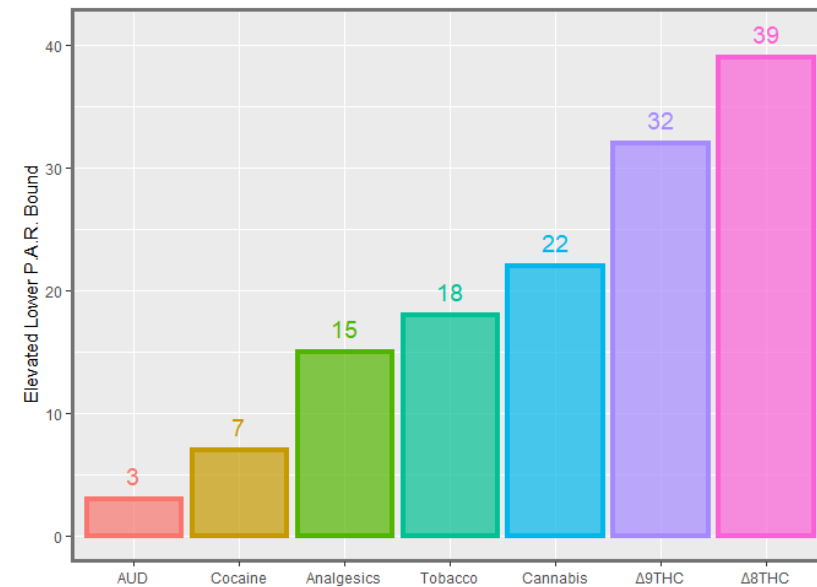
Number of Elevated Lower R.R. Bounds



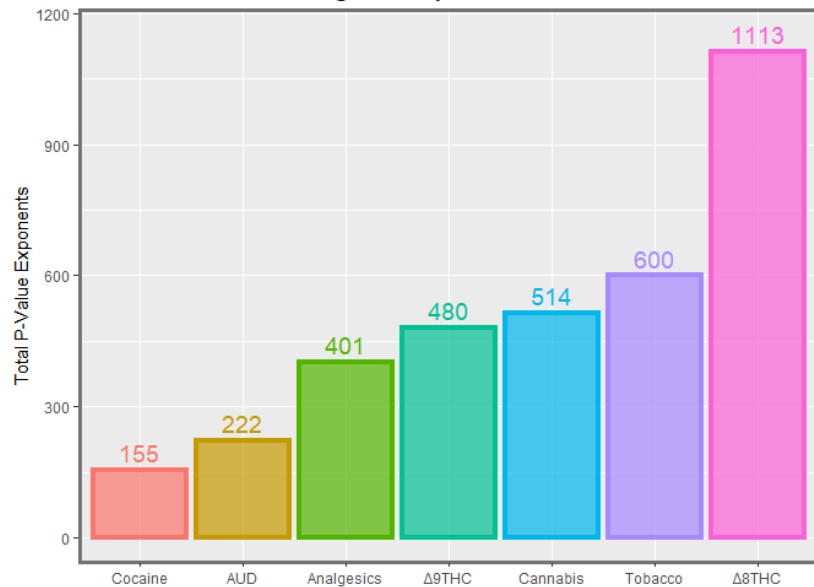
Number of Elevated Lower A.F.E. Bounds



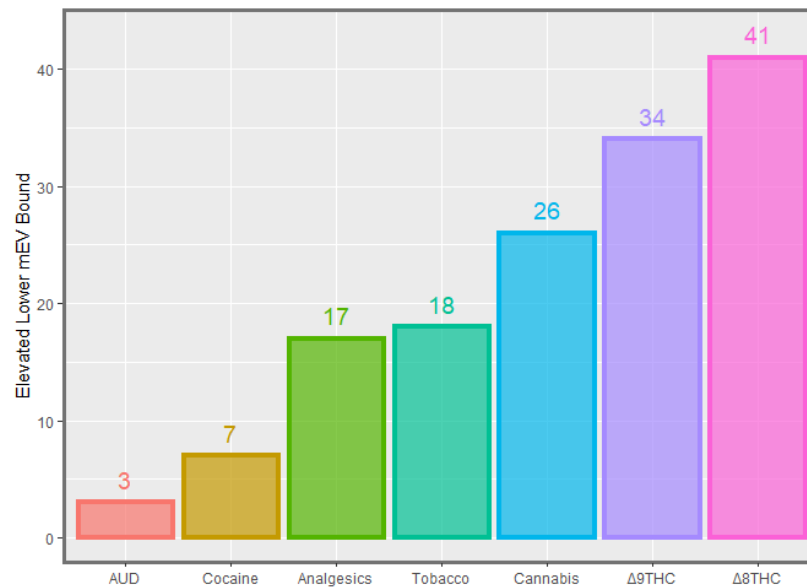
Number of Elevated Lower P.A.R. Bounds



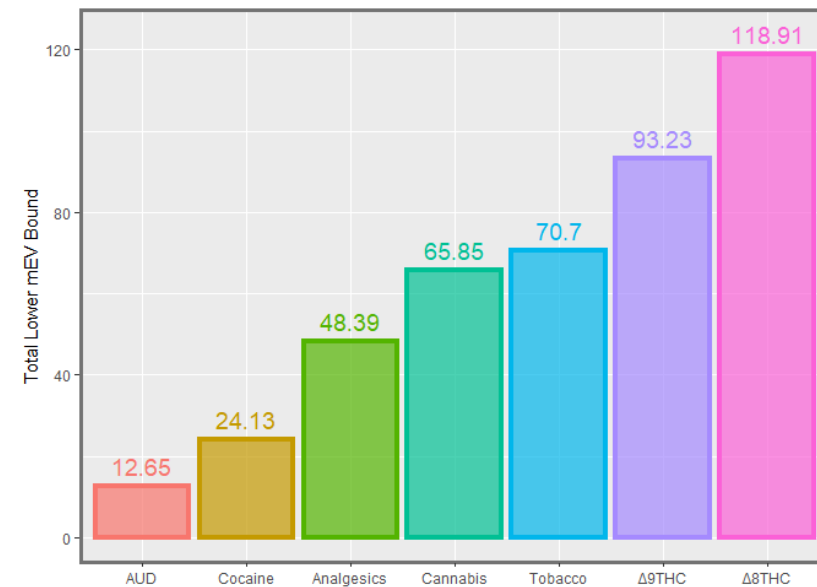
Total Negative Exponents of P-Values



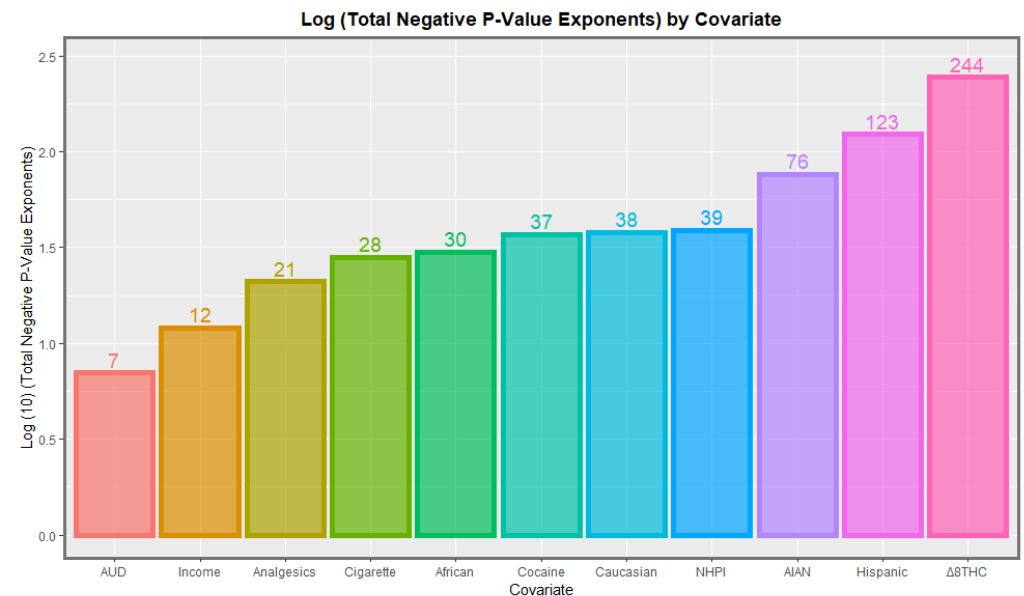
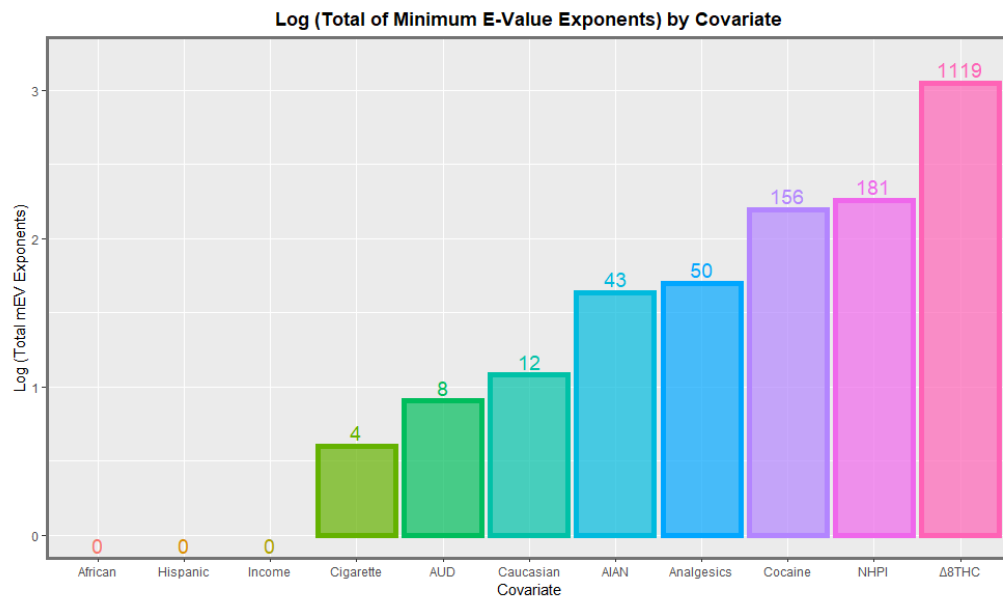
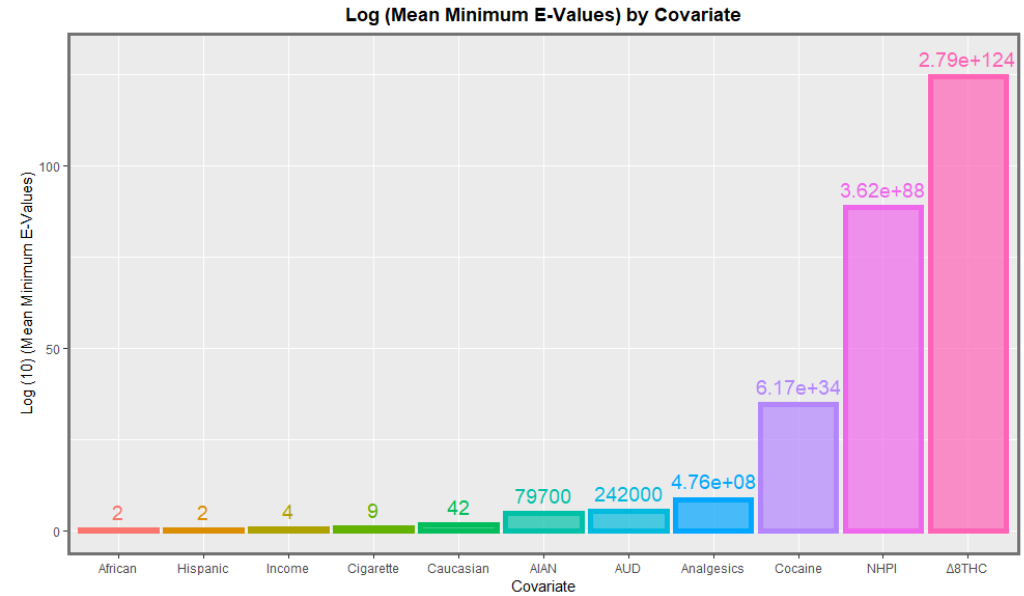
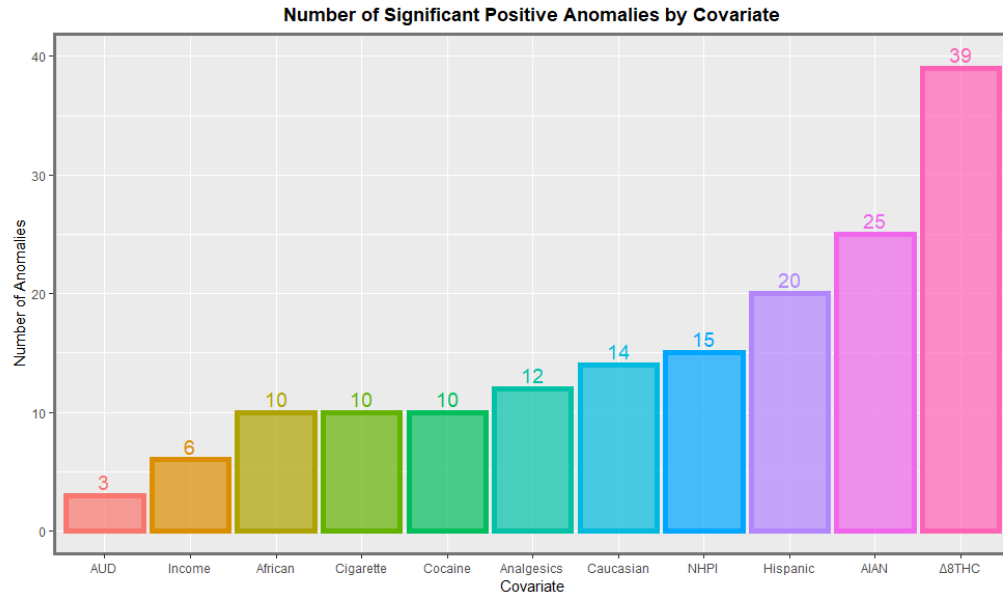
Number of Elevated Lower Minimum E-Value Bounds



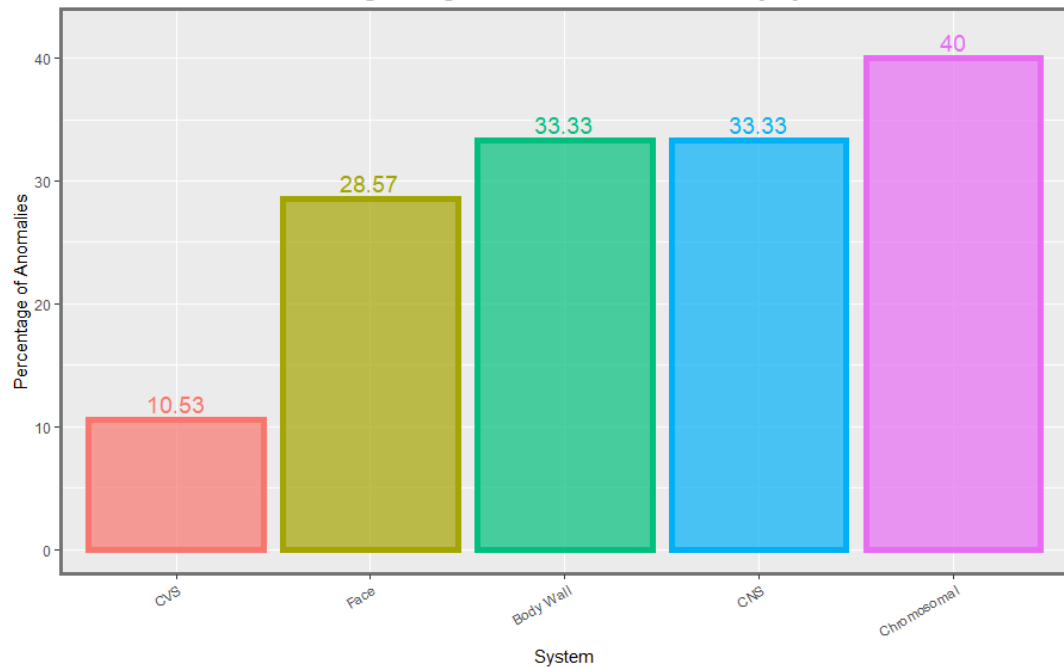
Total Lower Minimum E-Value Bounds



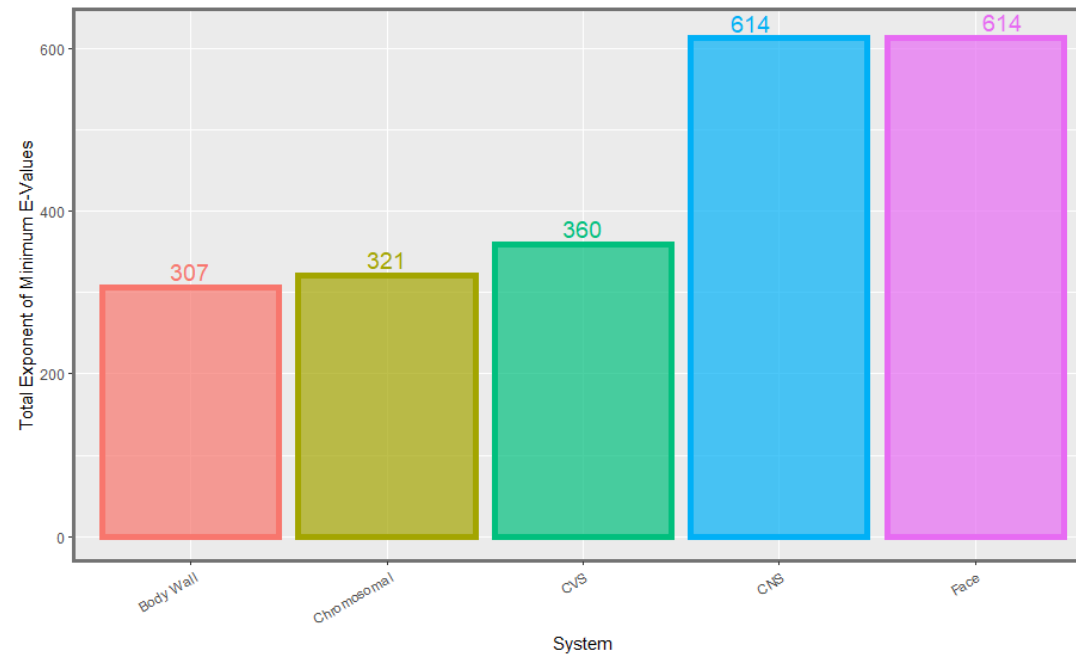
SF24 - Summary P- & E- Values ~ Covariate



Percentage of Significant Positive Anomalies by System

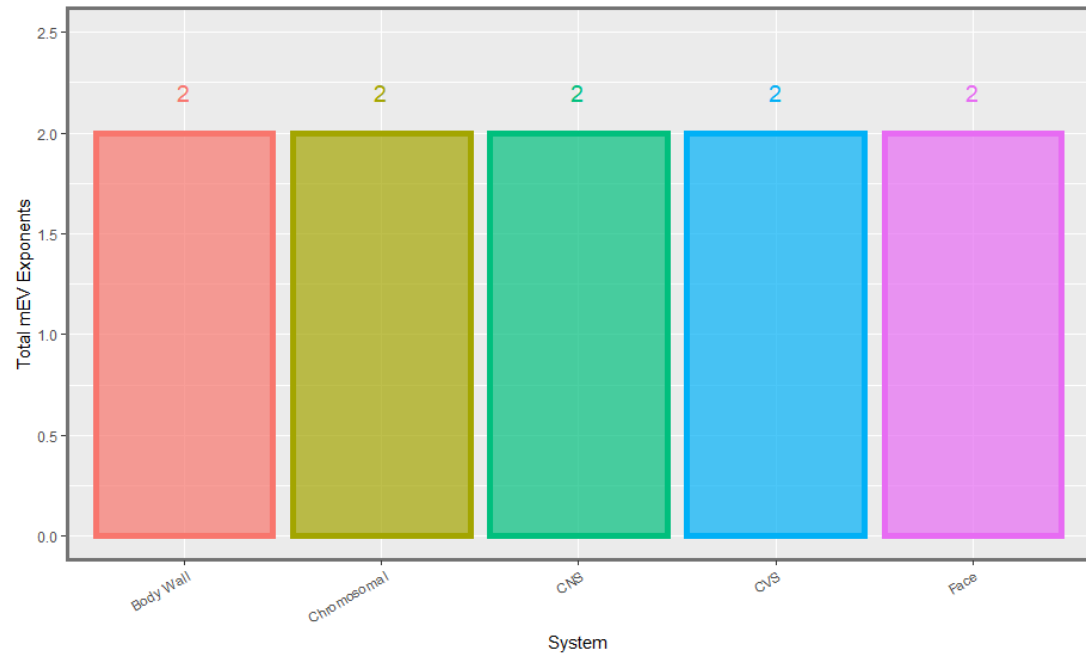


Total Exponent of Minimum E-Values by System



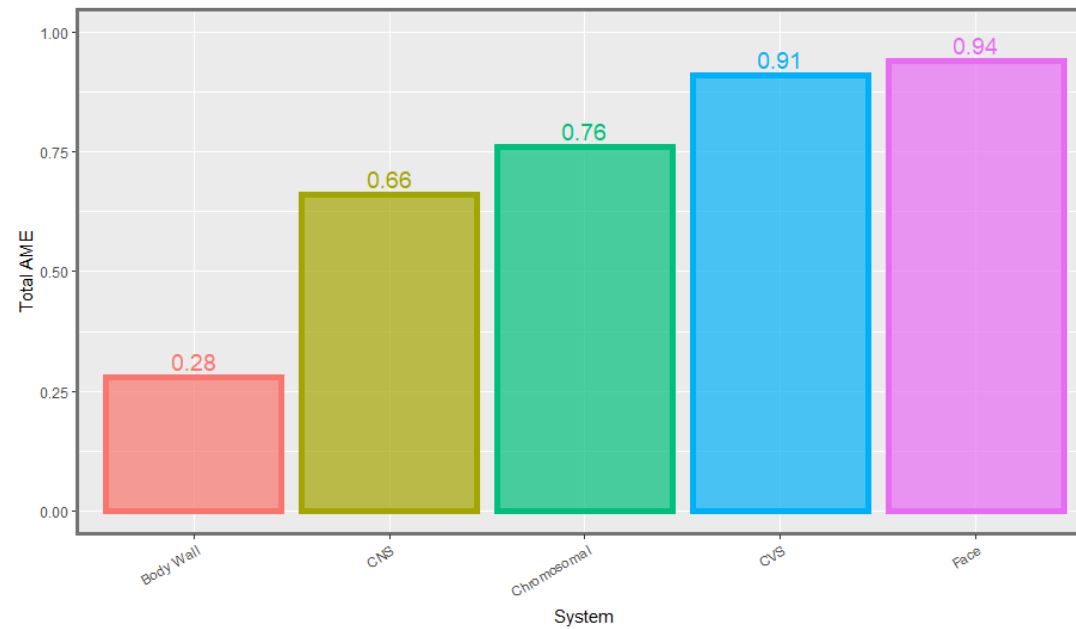
SF25
~
System

Total of Minimum E-Value Exponents by System

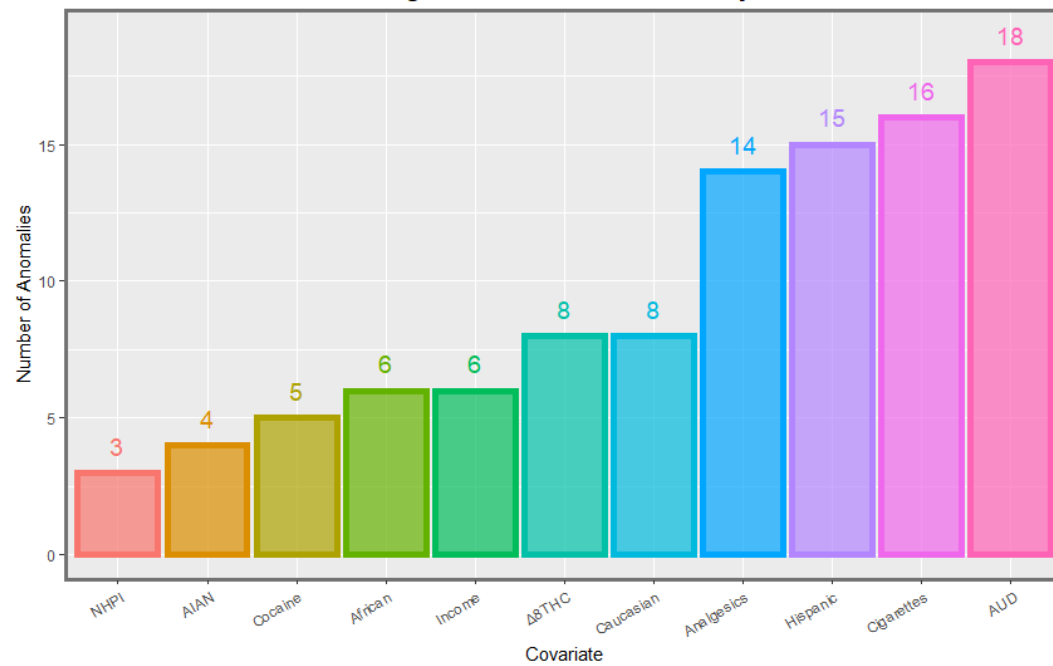


Total AME by System

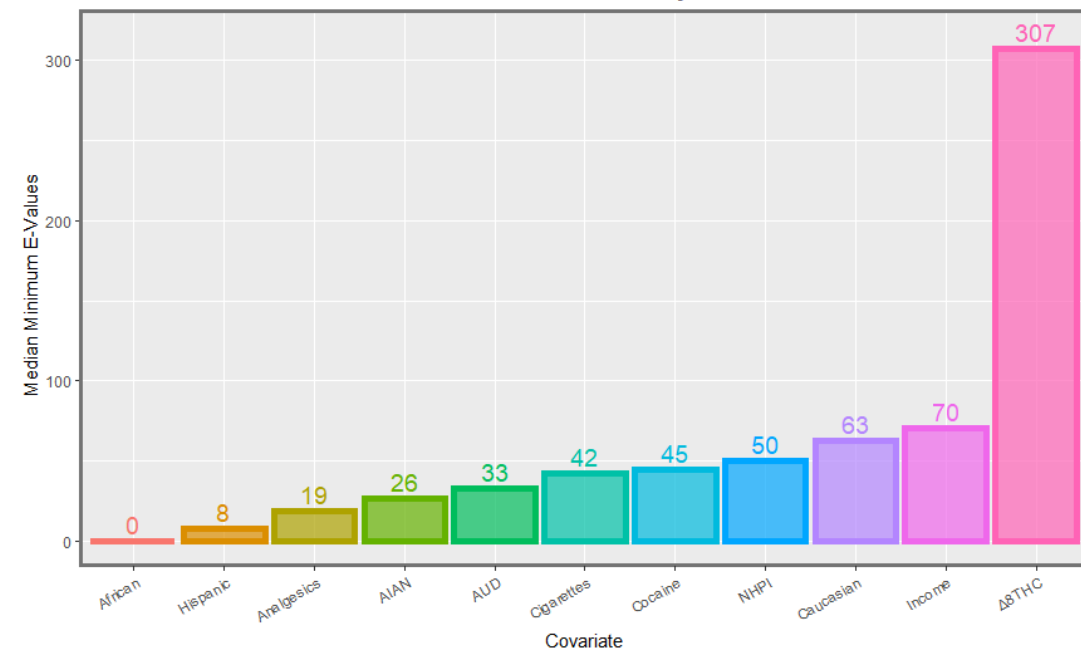
Units = S.D. (Log (Anomaly Rate))



Number of Significant Positive Anomalies by Covariate

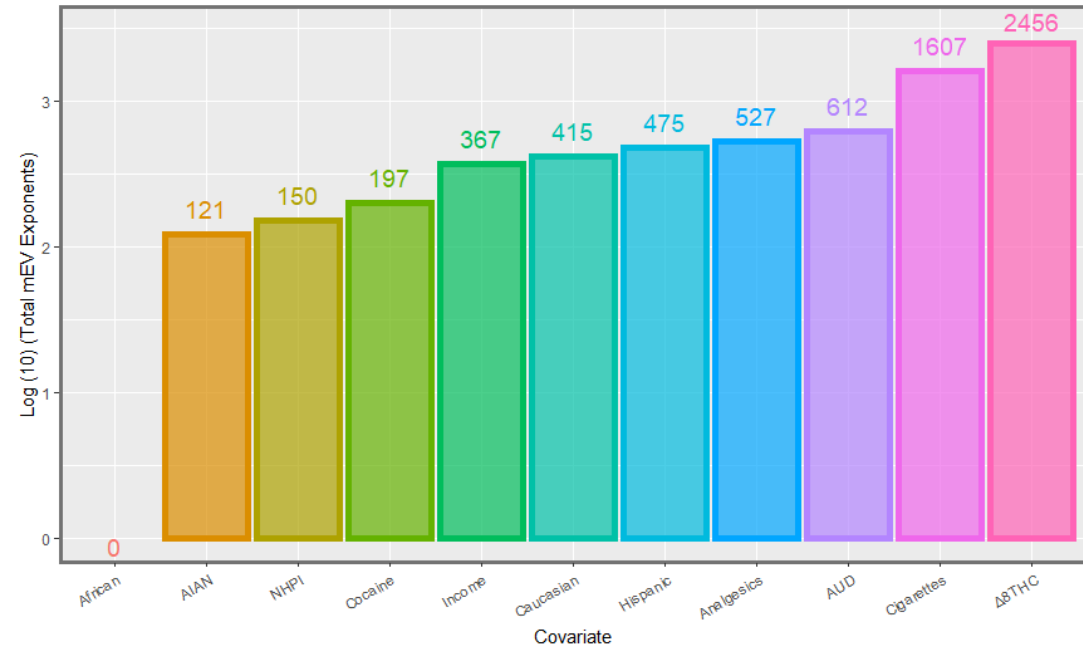


Median Minimum E-Values by Covariate

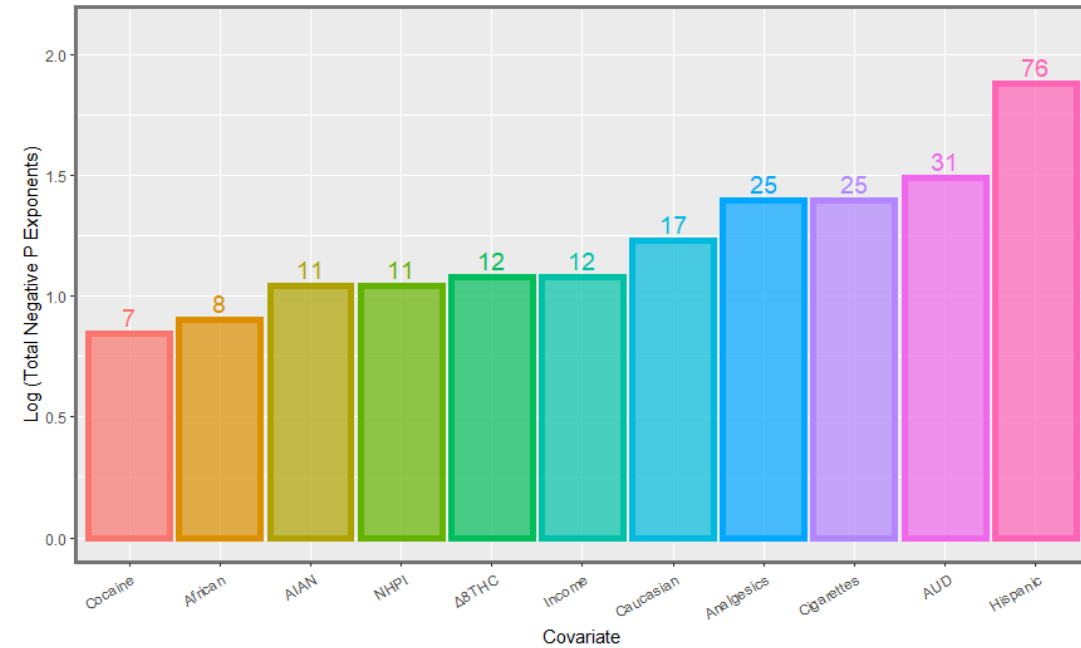


SF26
-
2 Lags
P-, E-

Log (Total of Minimum E-Value Exponents) by Covariate

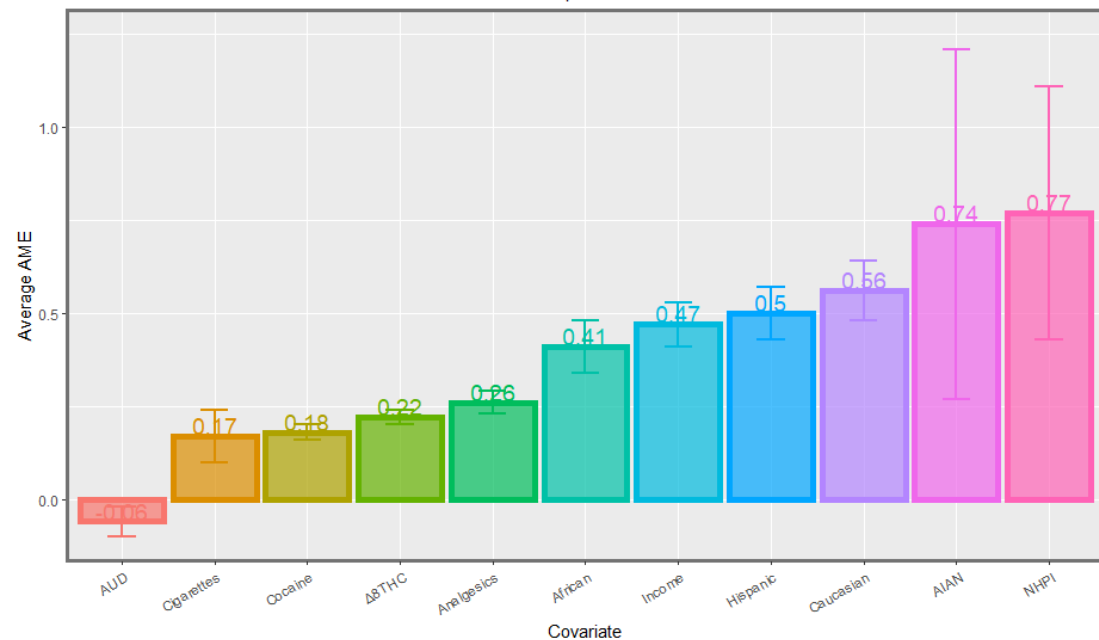


Log (10) (Total of Negative P-Value Exponents) by Covariate

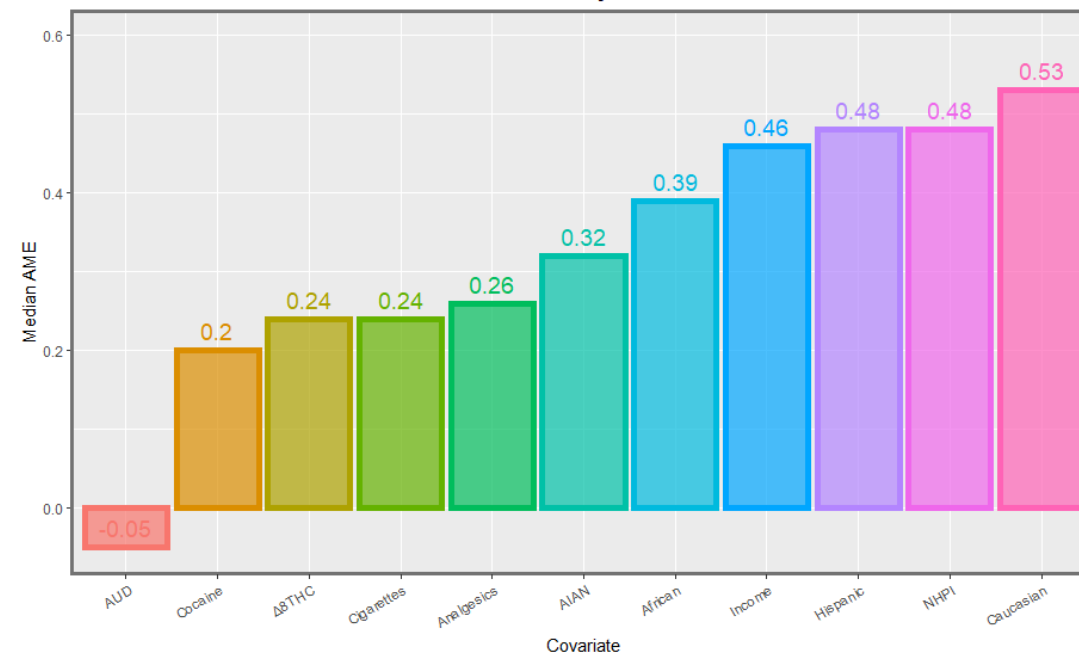


Mean AME by Covariate

Error Bars depict S.E.M. of AME

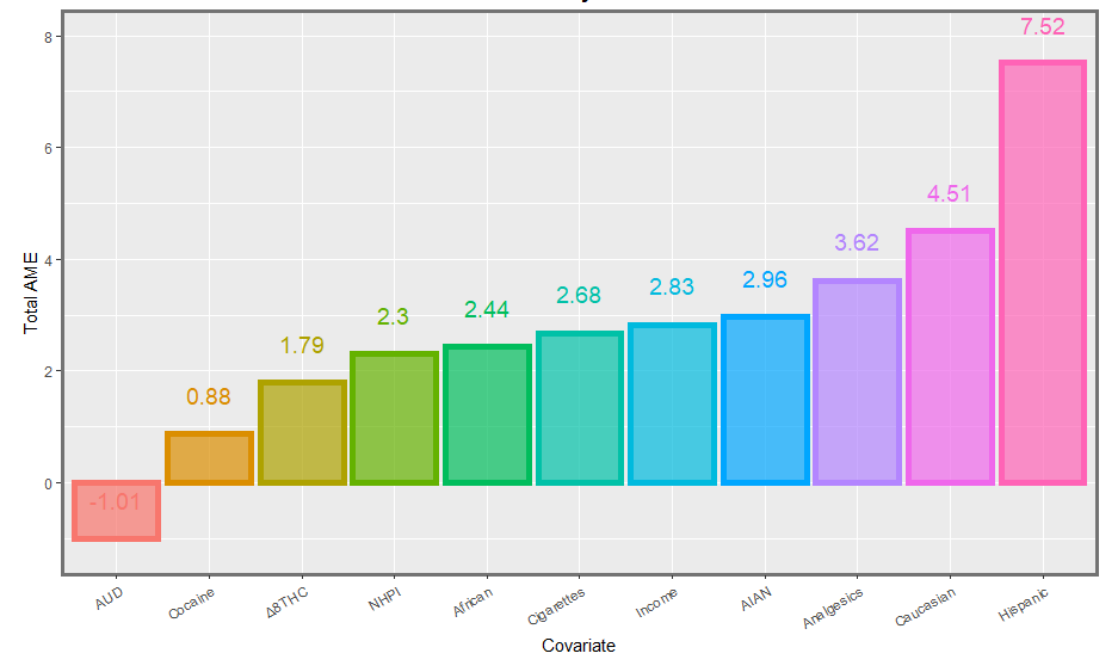


Median AME by Covariate

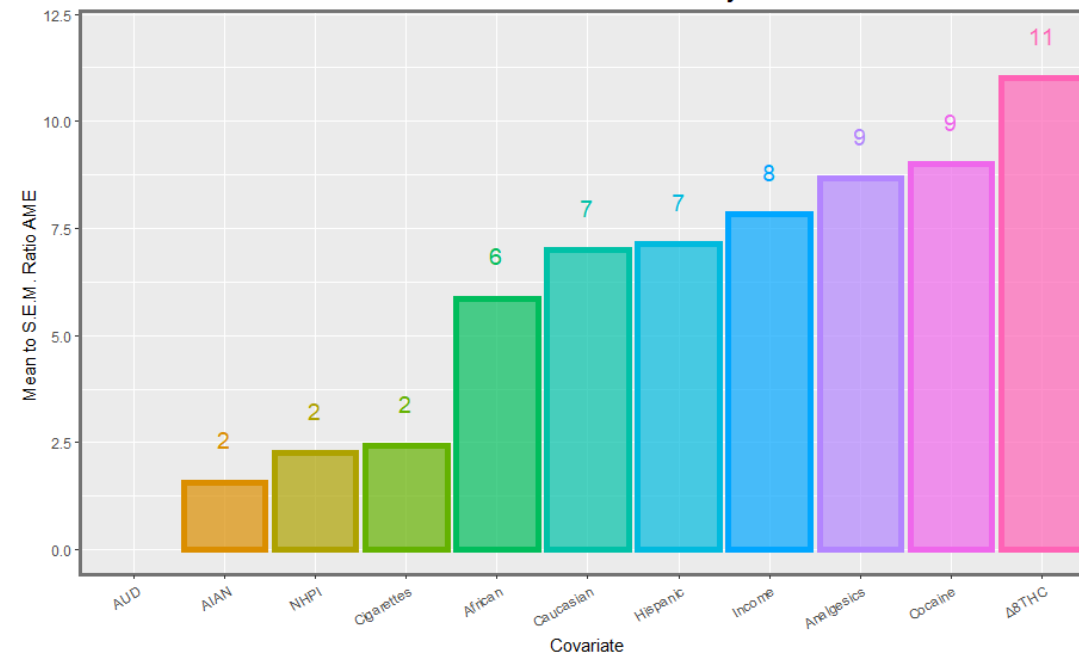


SF27
-
AME

Total AME by Covariate



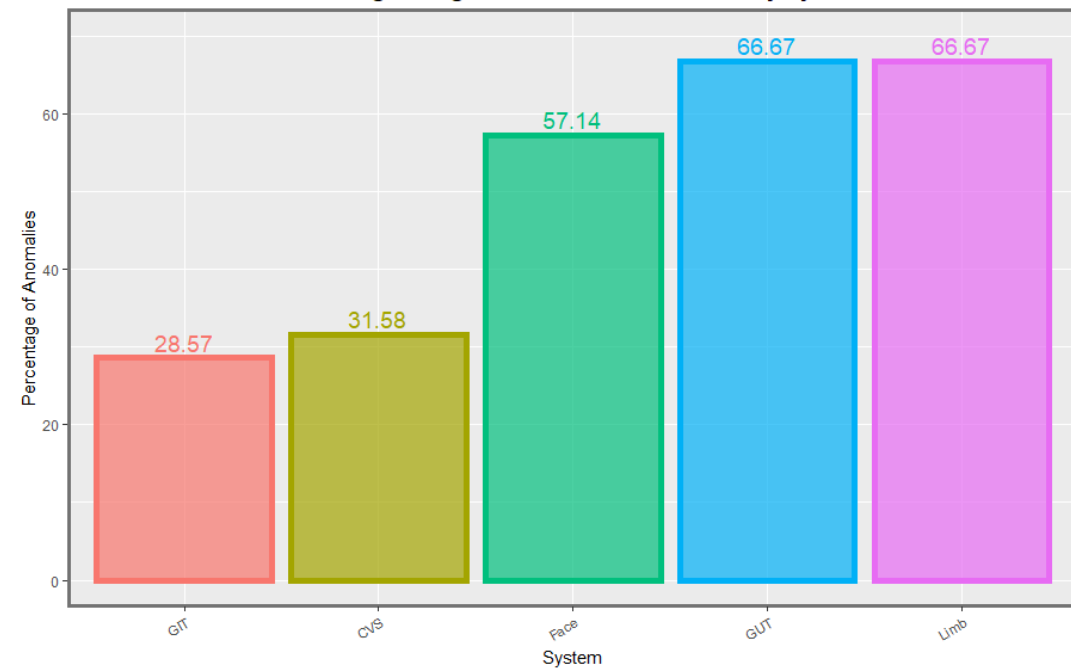
Mean to Standard Error Ratio of AME by Covariate



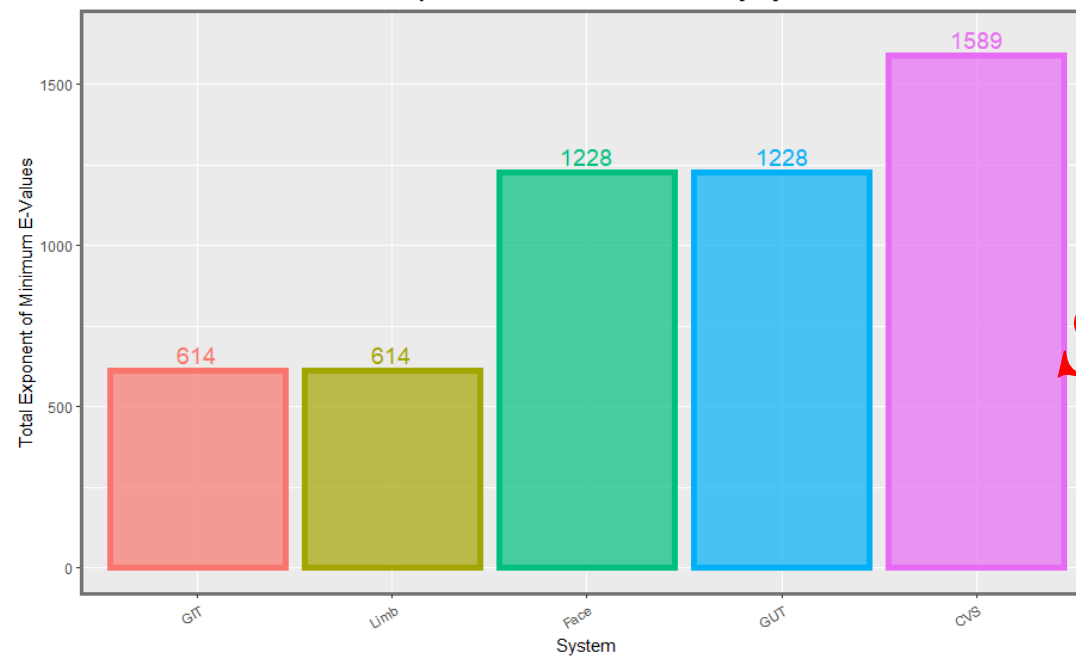
SF28

- Systems

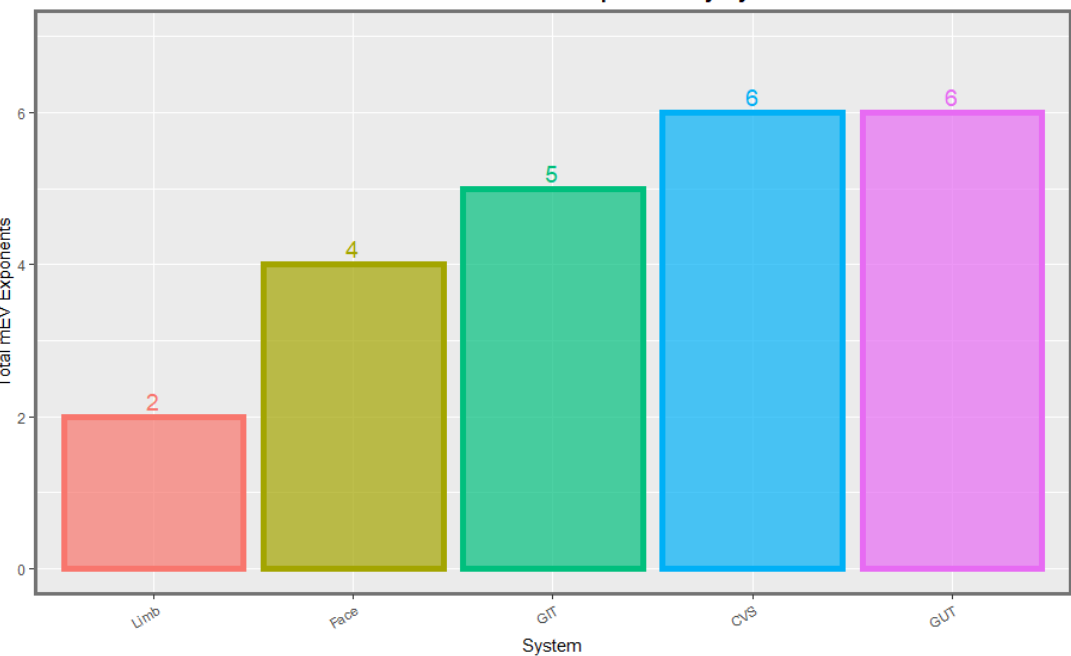
Percentage of Significant Positive Anomalies by System



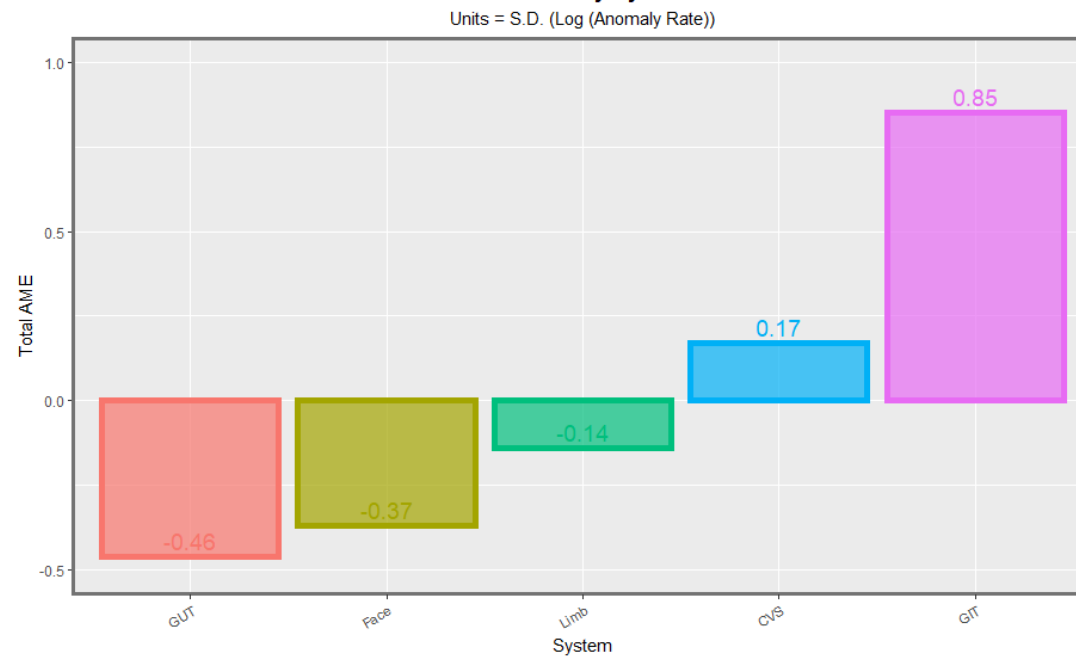
Total Exponent of Minimum E-Values by System



Total of Minimum E-Value Exponents by System

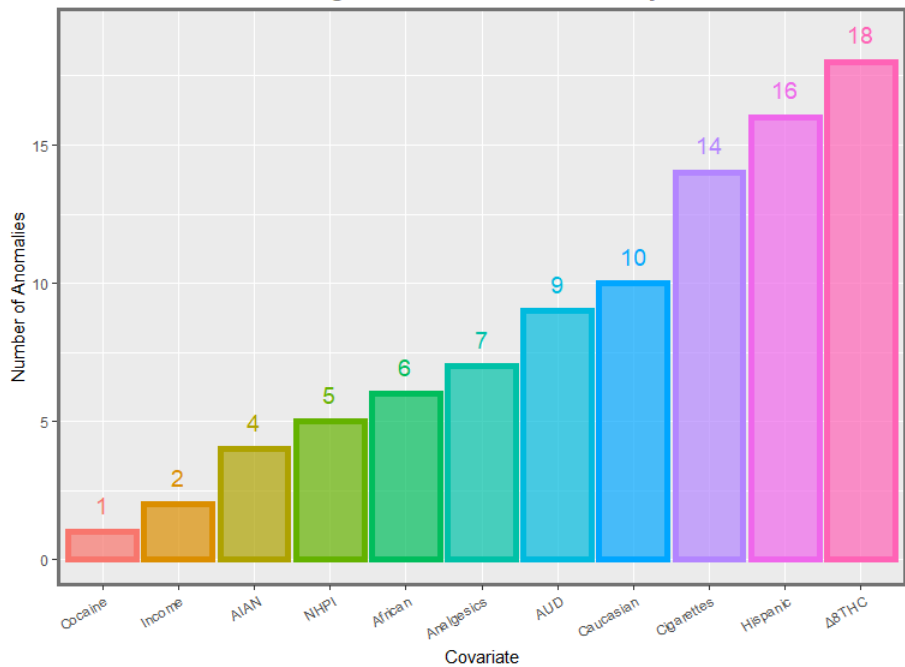


Total AME by System

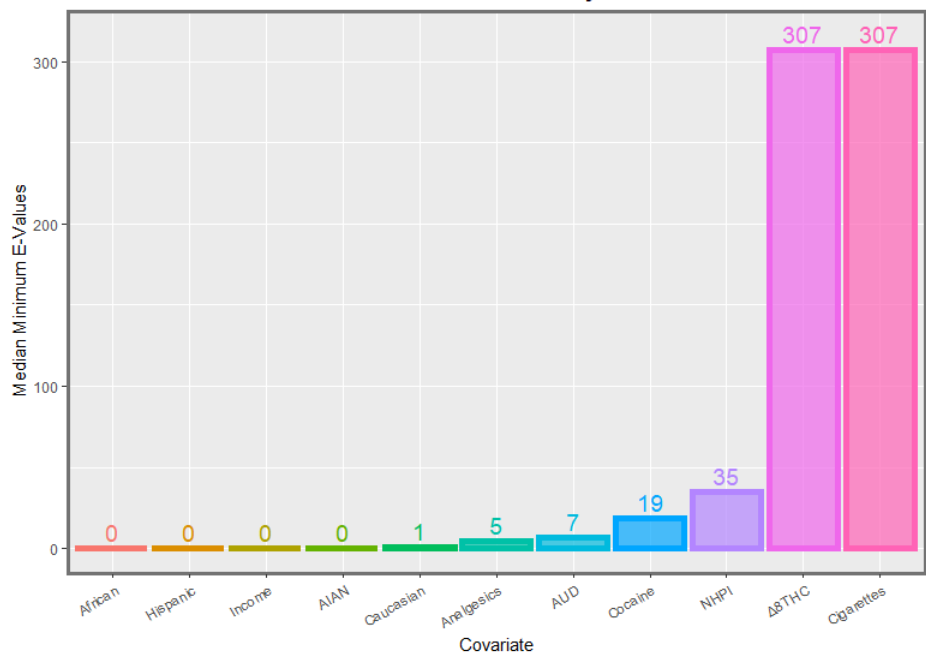


SF29
-
4 Lags
P-, E-

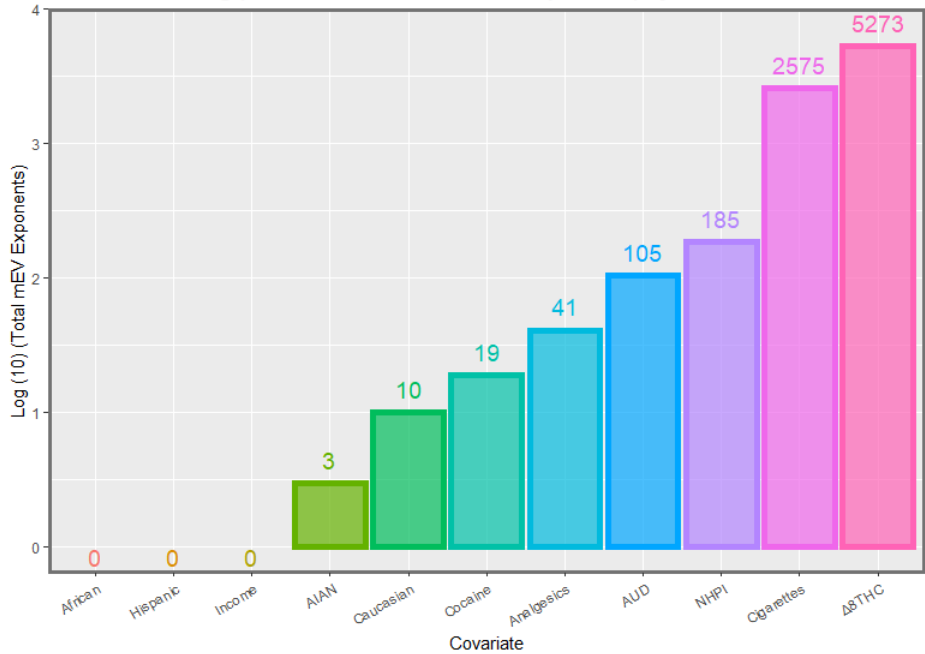
Number of Significant Positive Anomalies by Covariate



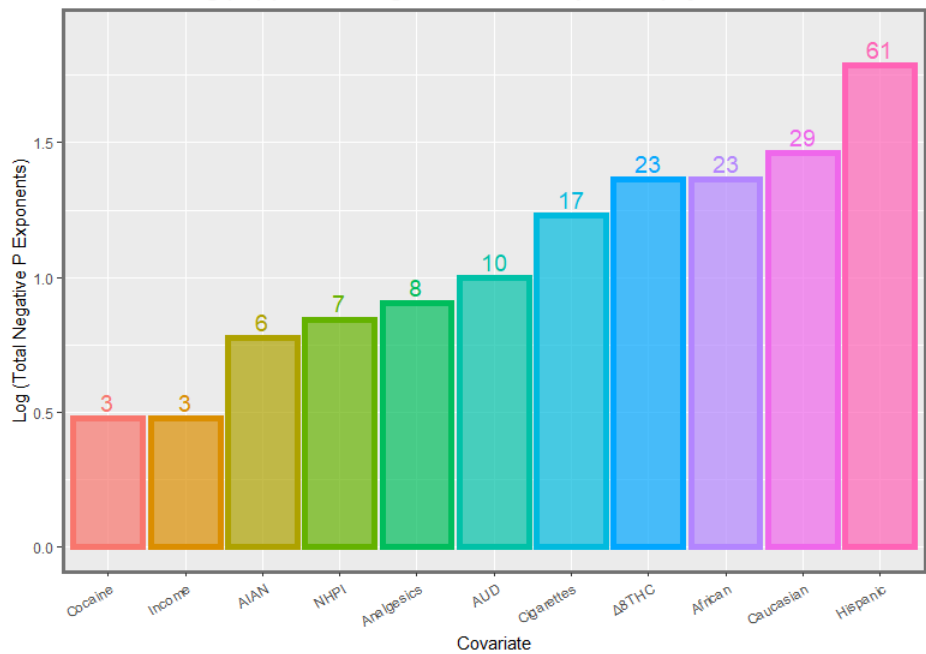
Median Minimum E-Values by Covariate



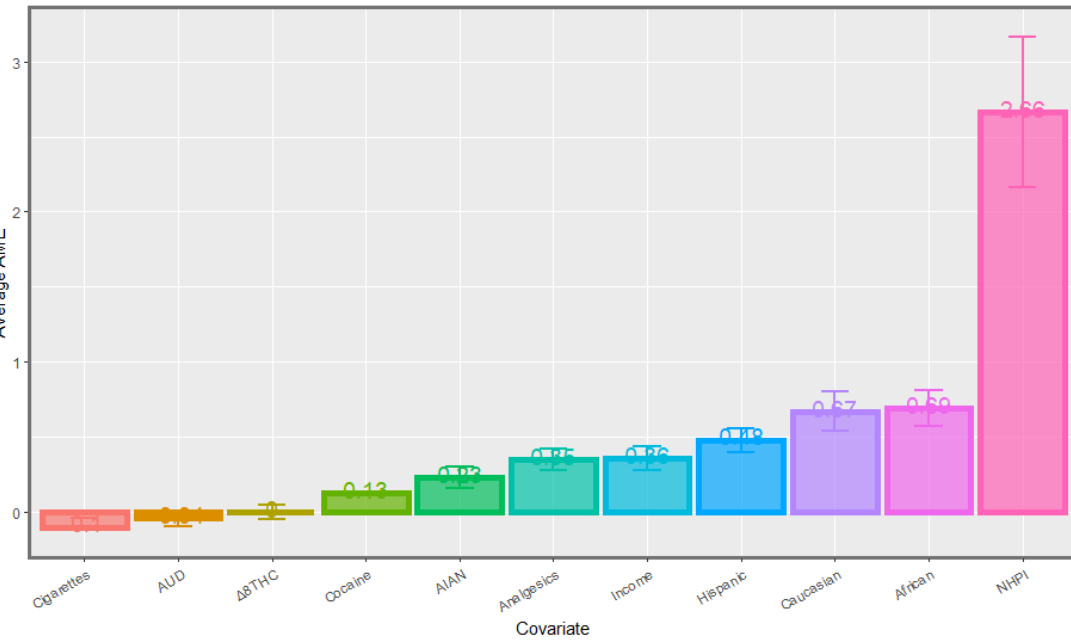
Log (Total of Minimum E-Value Exponents) by Covariate



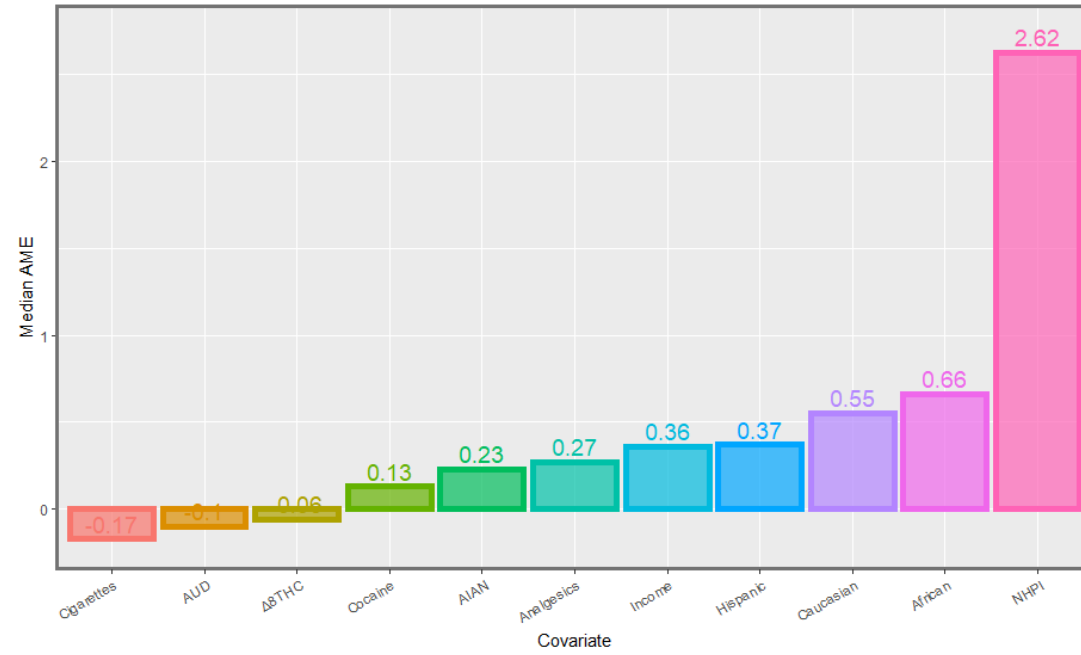
Log (10) (Total of Negative P-Value Exponents) by Covariate



Mean AME by Covariate
Error Bars depict S.E.M. of AME

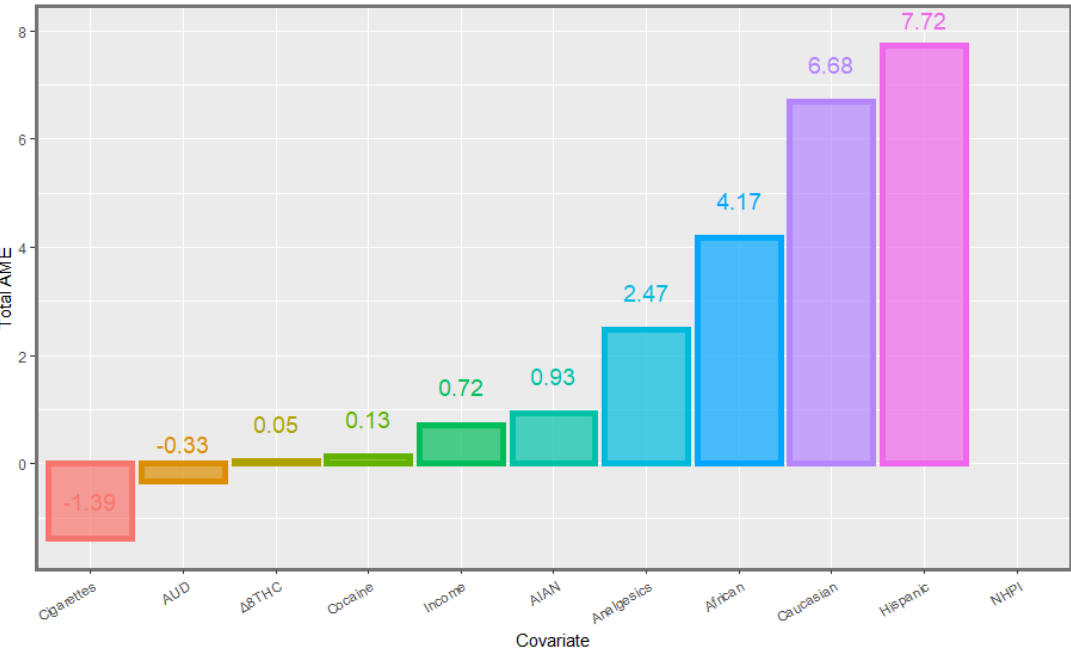


Median AME by Covariate

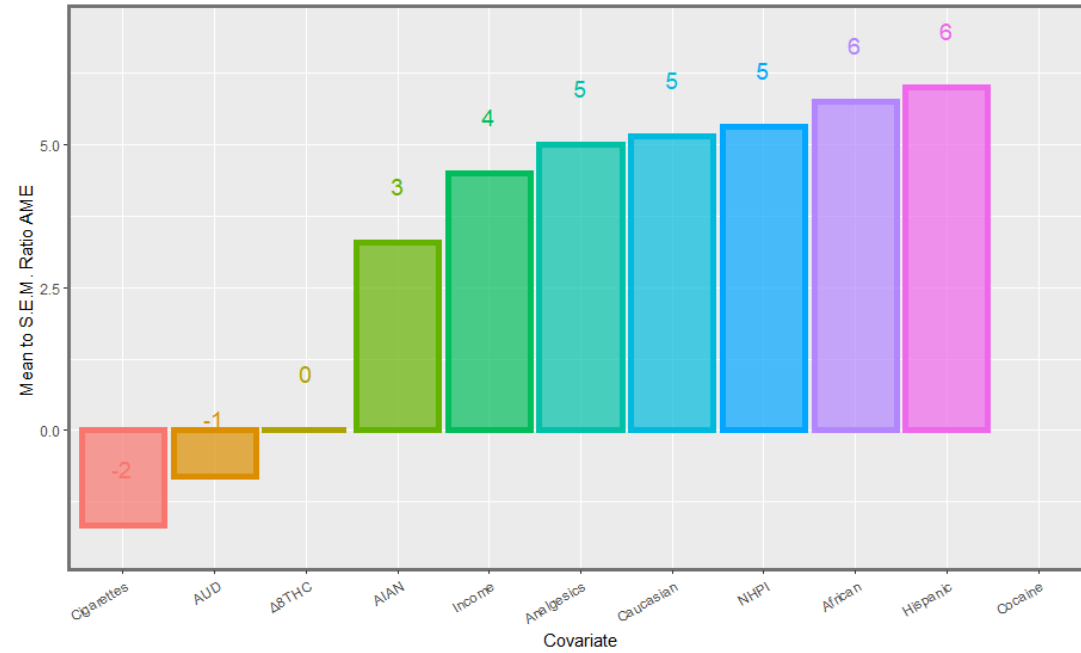


SF30
-
AME

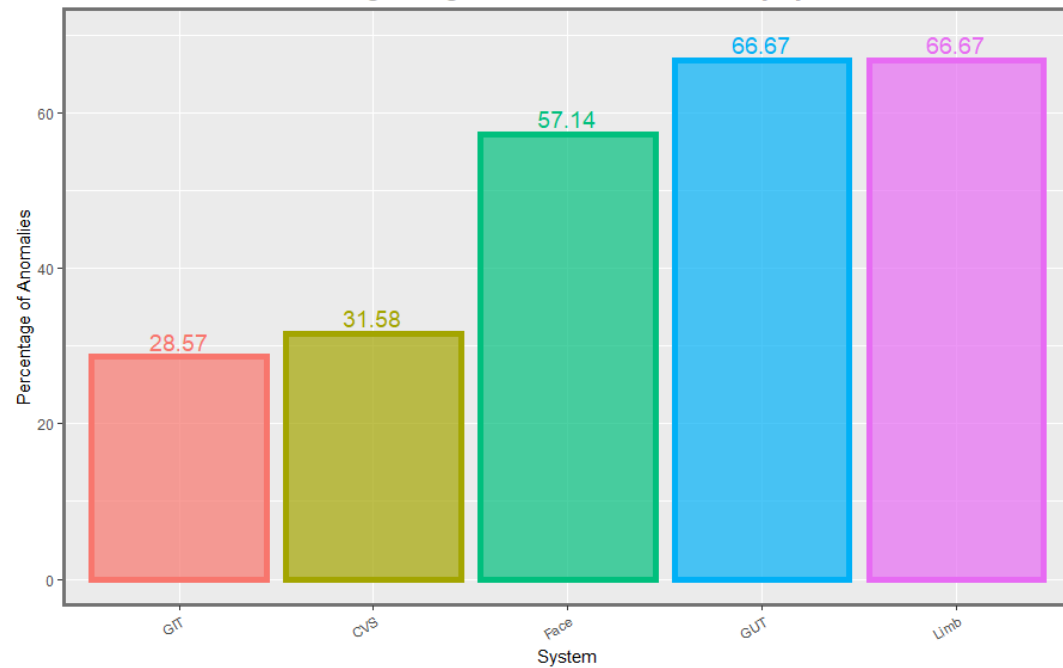
Total AME by Covariate



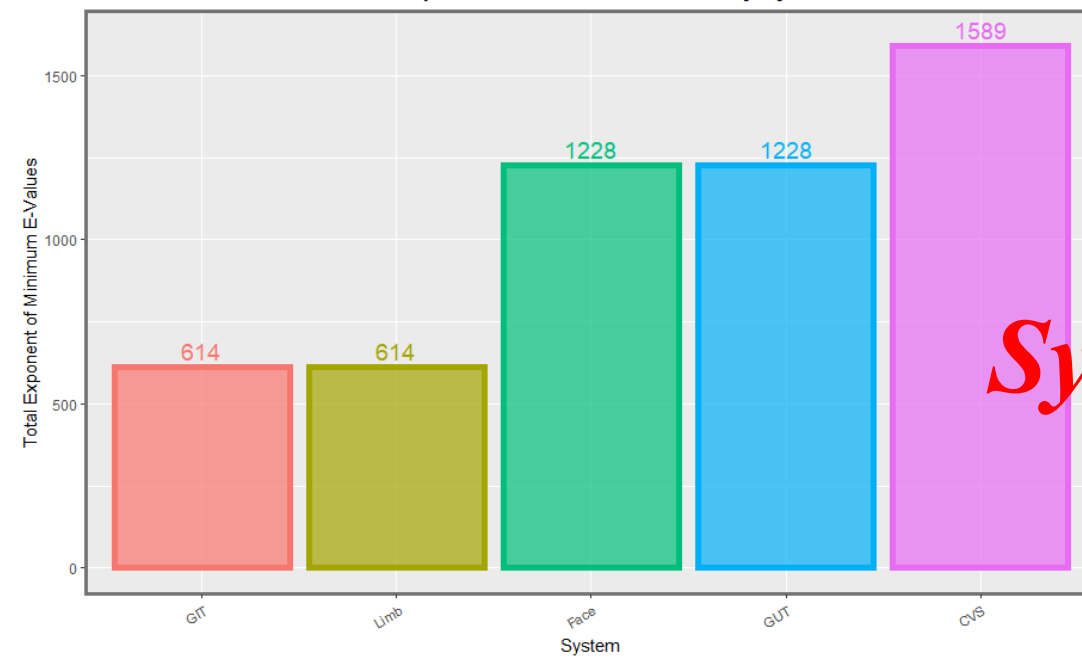
Mean to Standard Error Ratio of AME by Covariate



Percentage of Significant Positive Anomalies by System

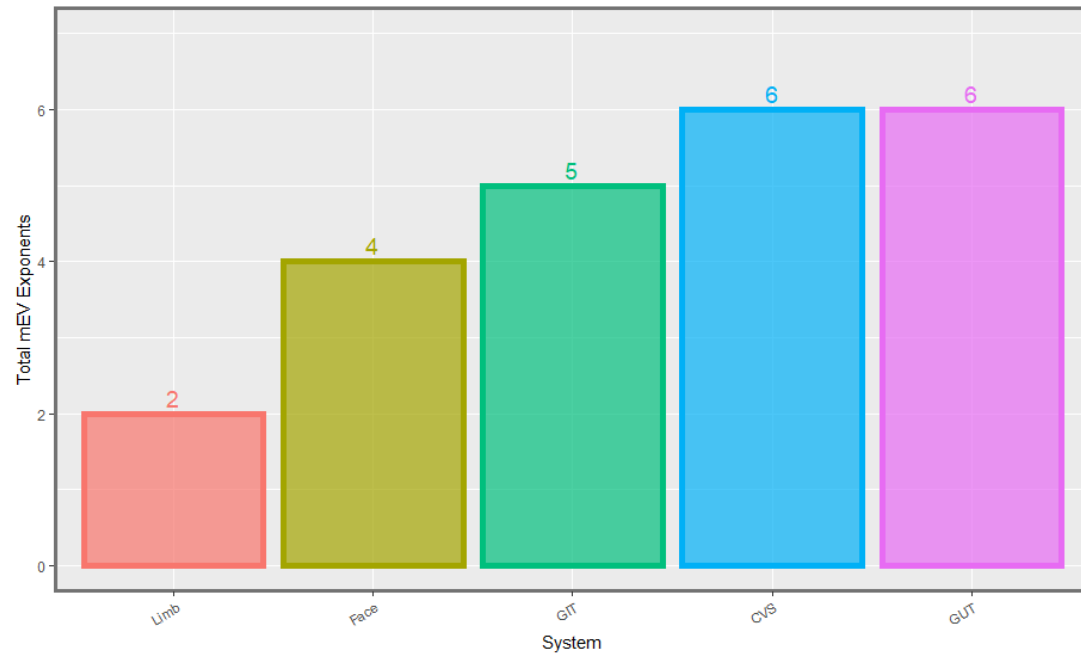


Total Exponent of Minimum E-Values by System



SF31
-
Systems

Total of Minimum E-Value Exponents by System



Total AME by System

Units = S.D. (Log (Anomaly Rate))

