

Figure 2A: Studies by Region

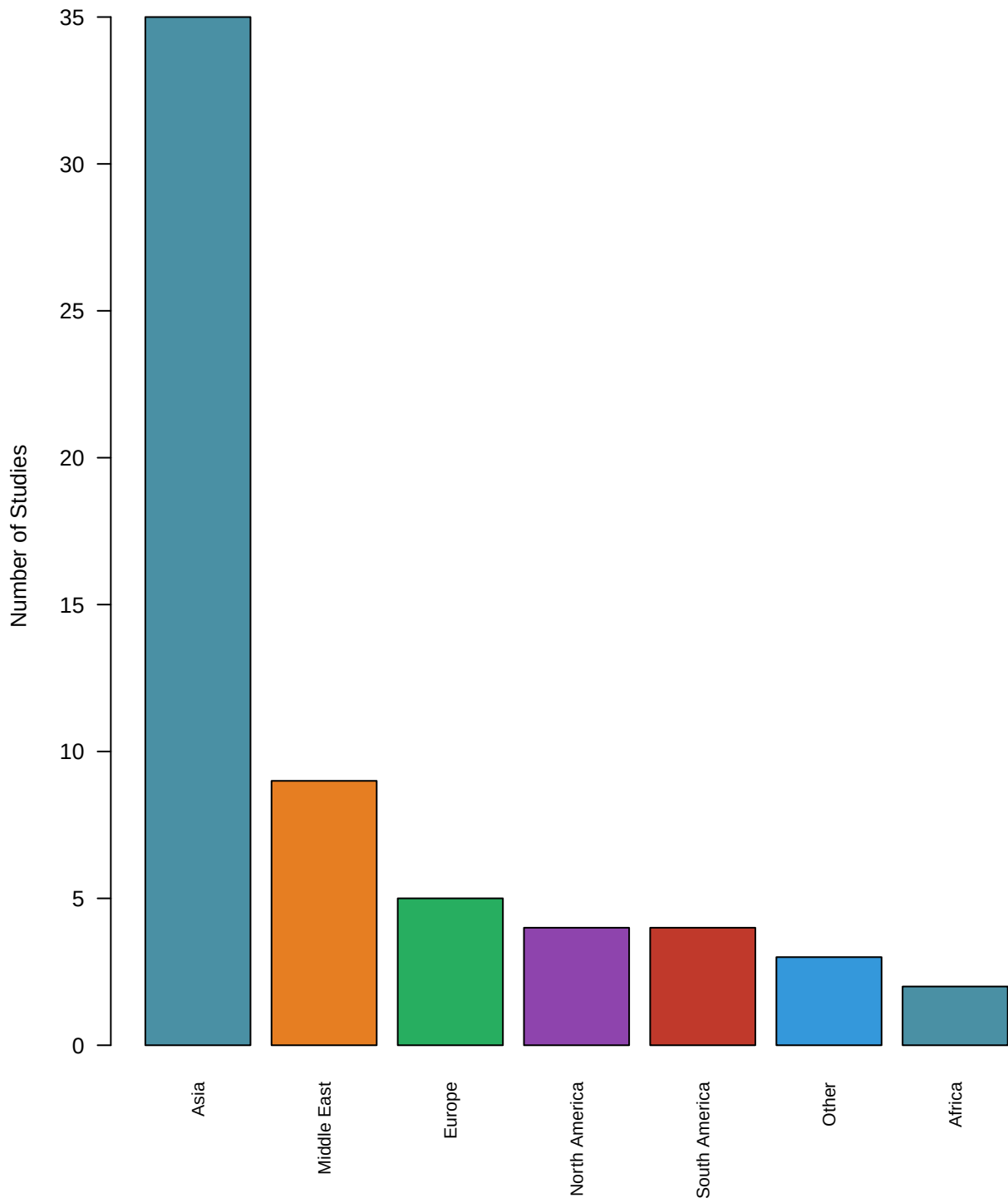


Figure 2B: Studies by Publication Year

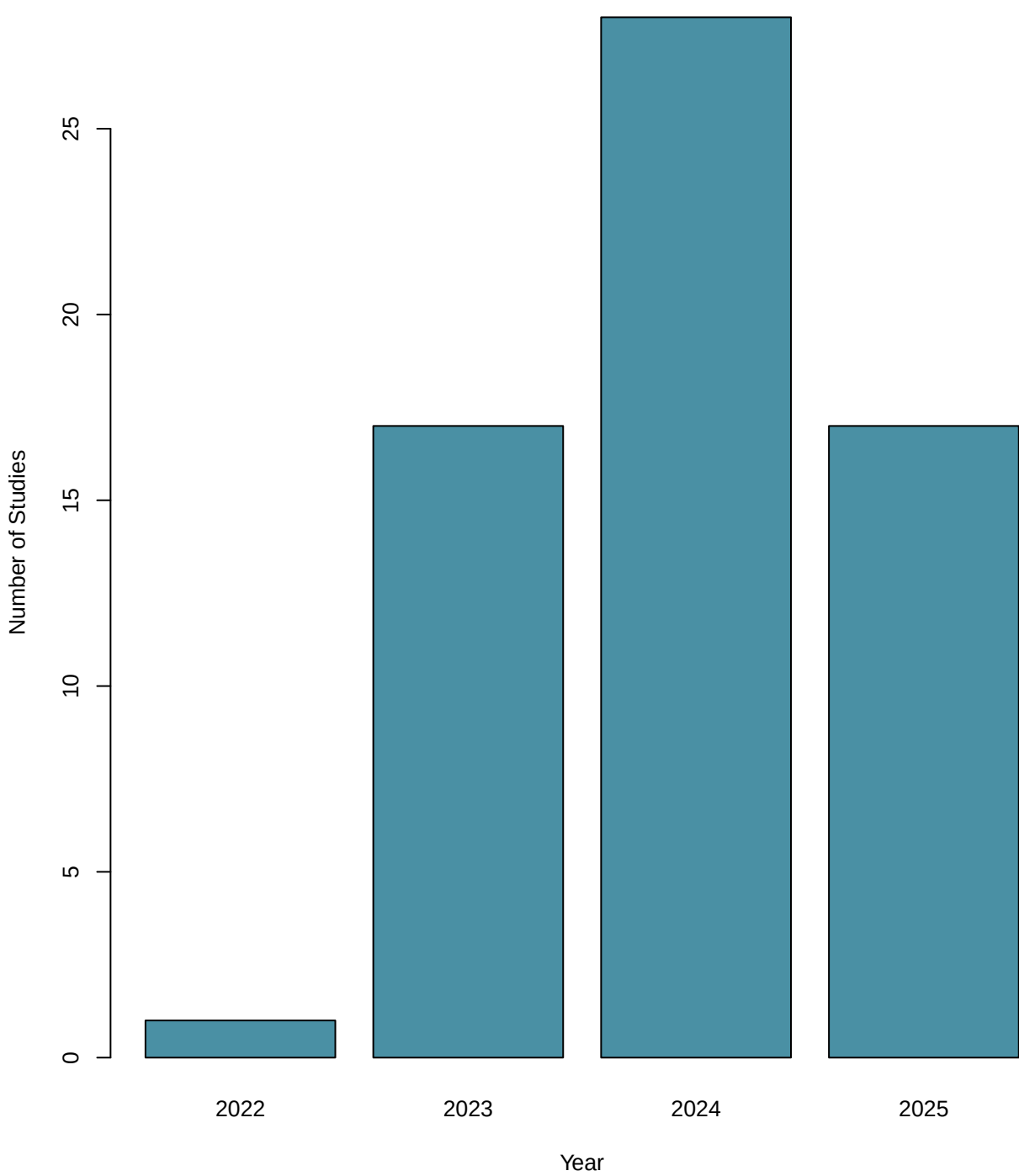


Figure 2C: Sample Size Distribution

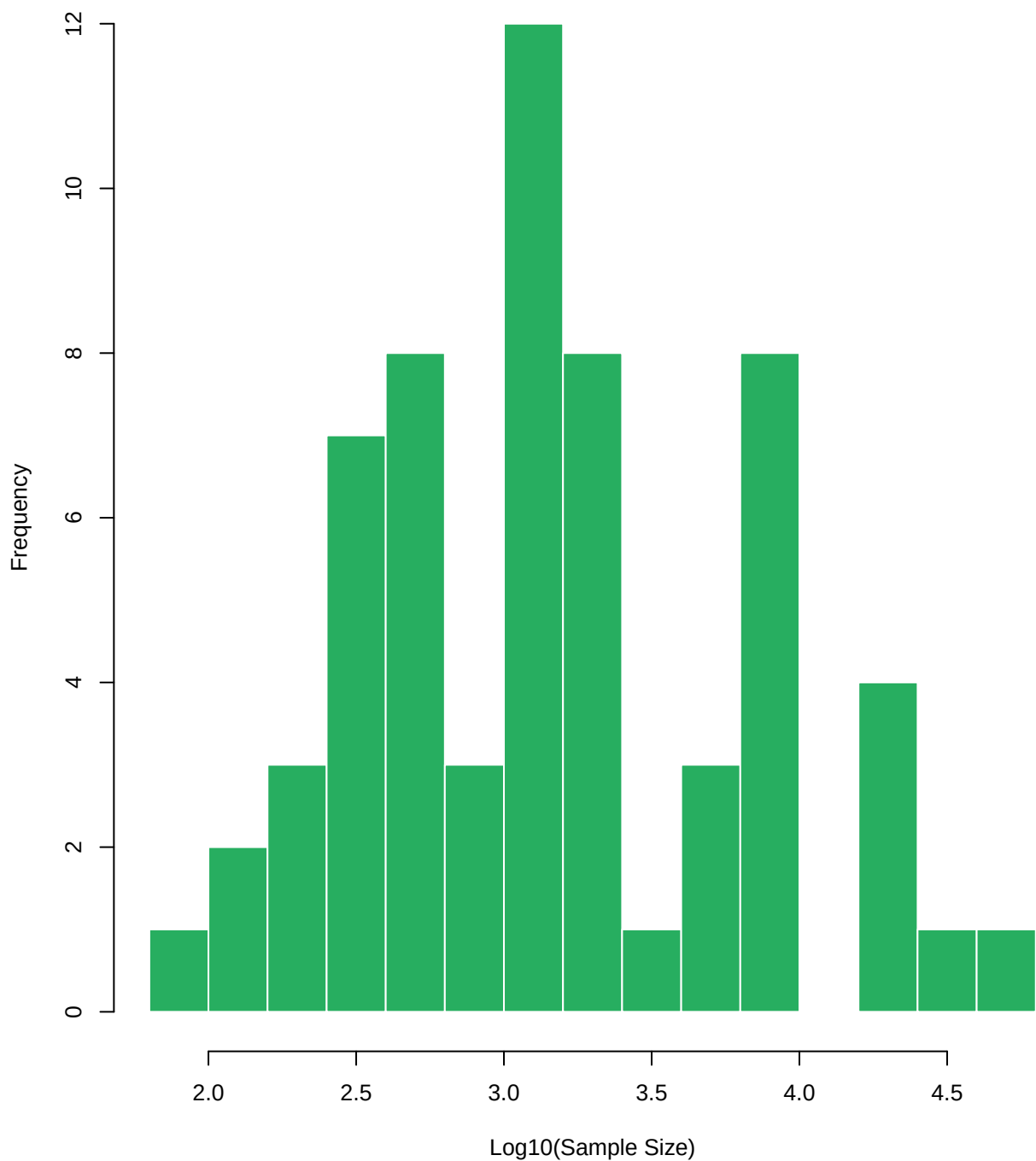


Figure 2D: Depression Screening Tools

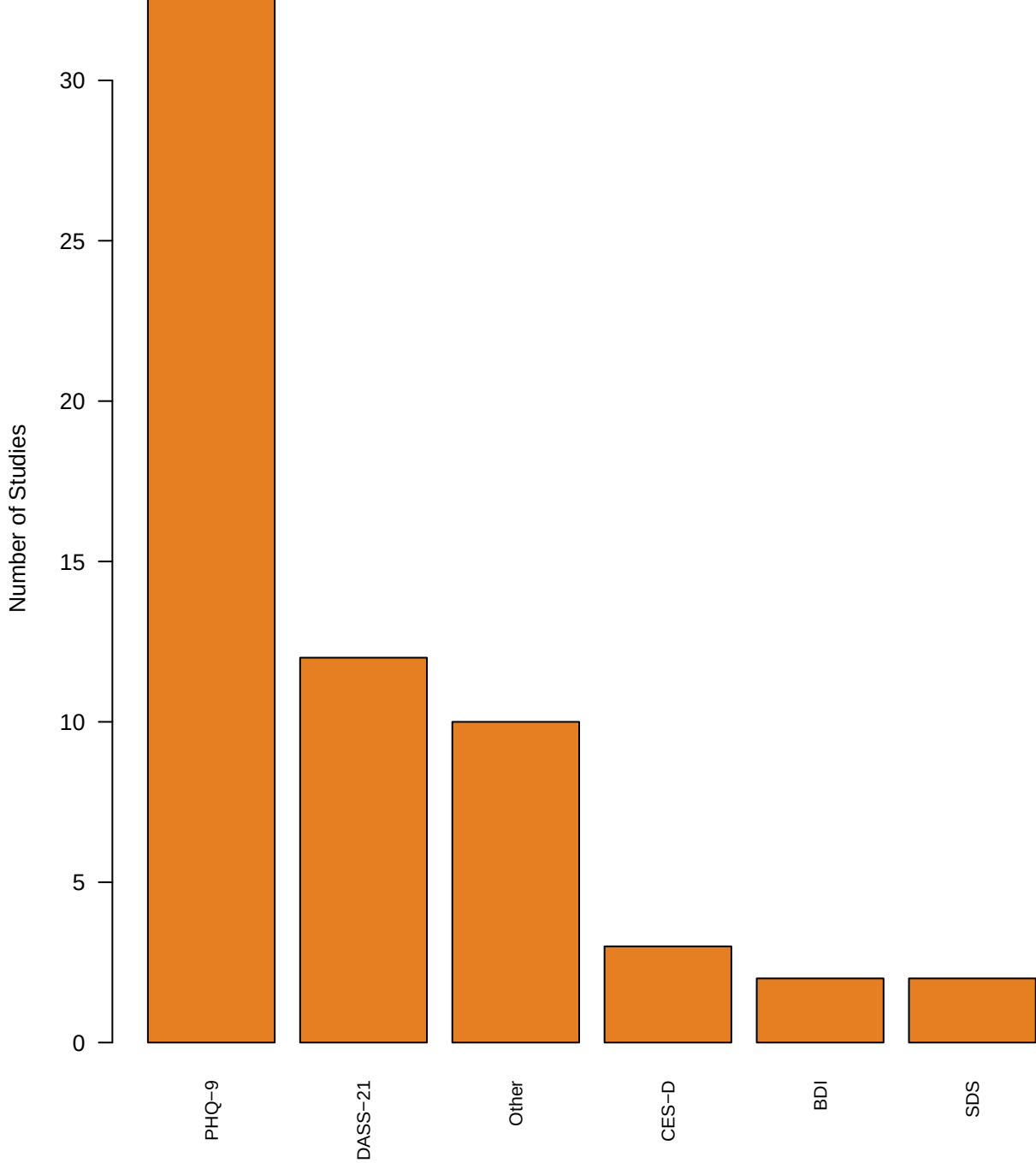


Figure 3A: Forest Plot – Depression Prevalence
N = 54 studies

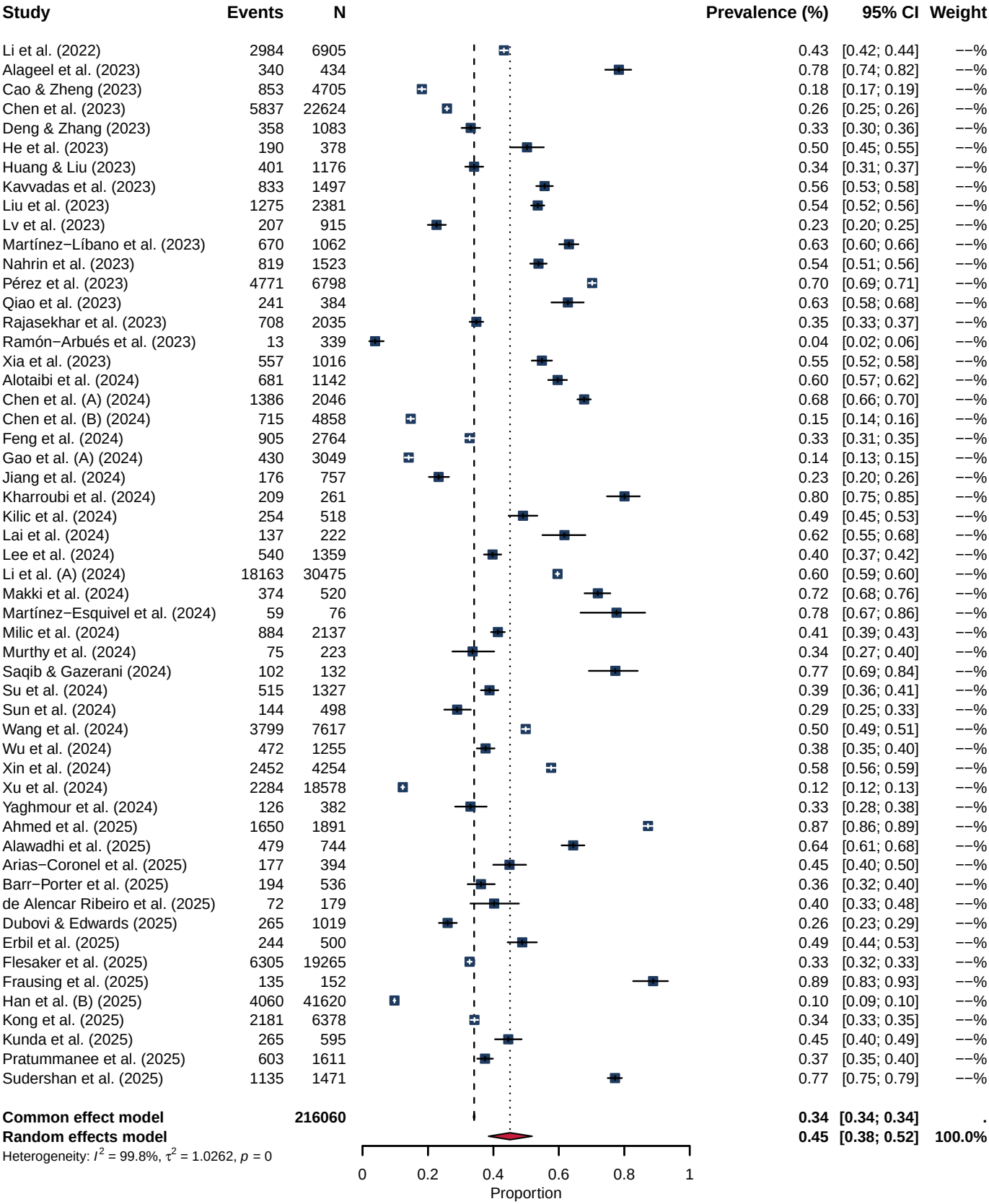


Figure 3B: Leave-One-Out Analysis – Depression Prevalence

Pooled estimate after omitting each study

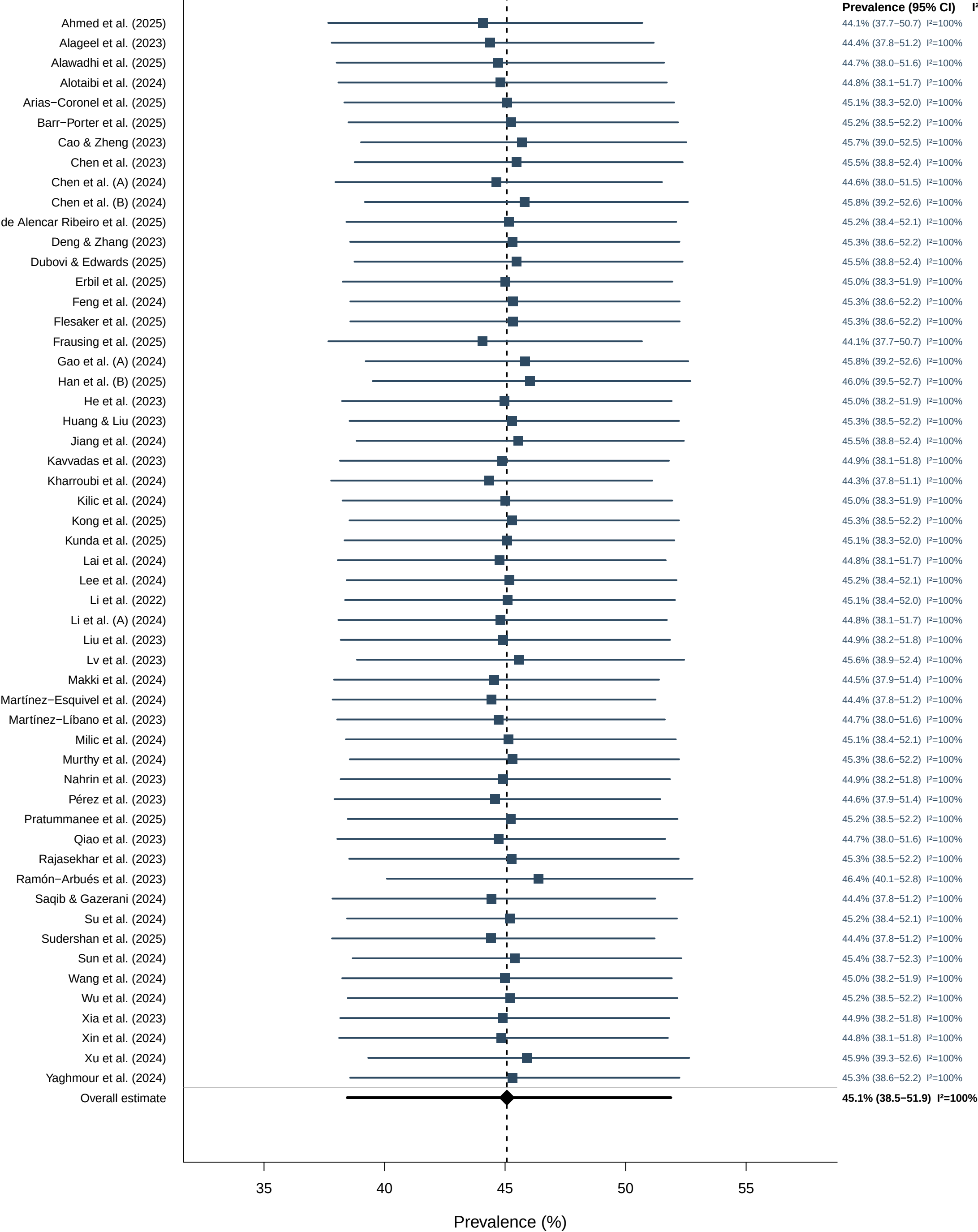


Figure 3C: Subgroup Analysis – Depression Prevalence

Stratified by study characteristics

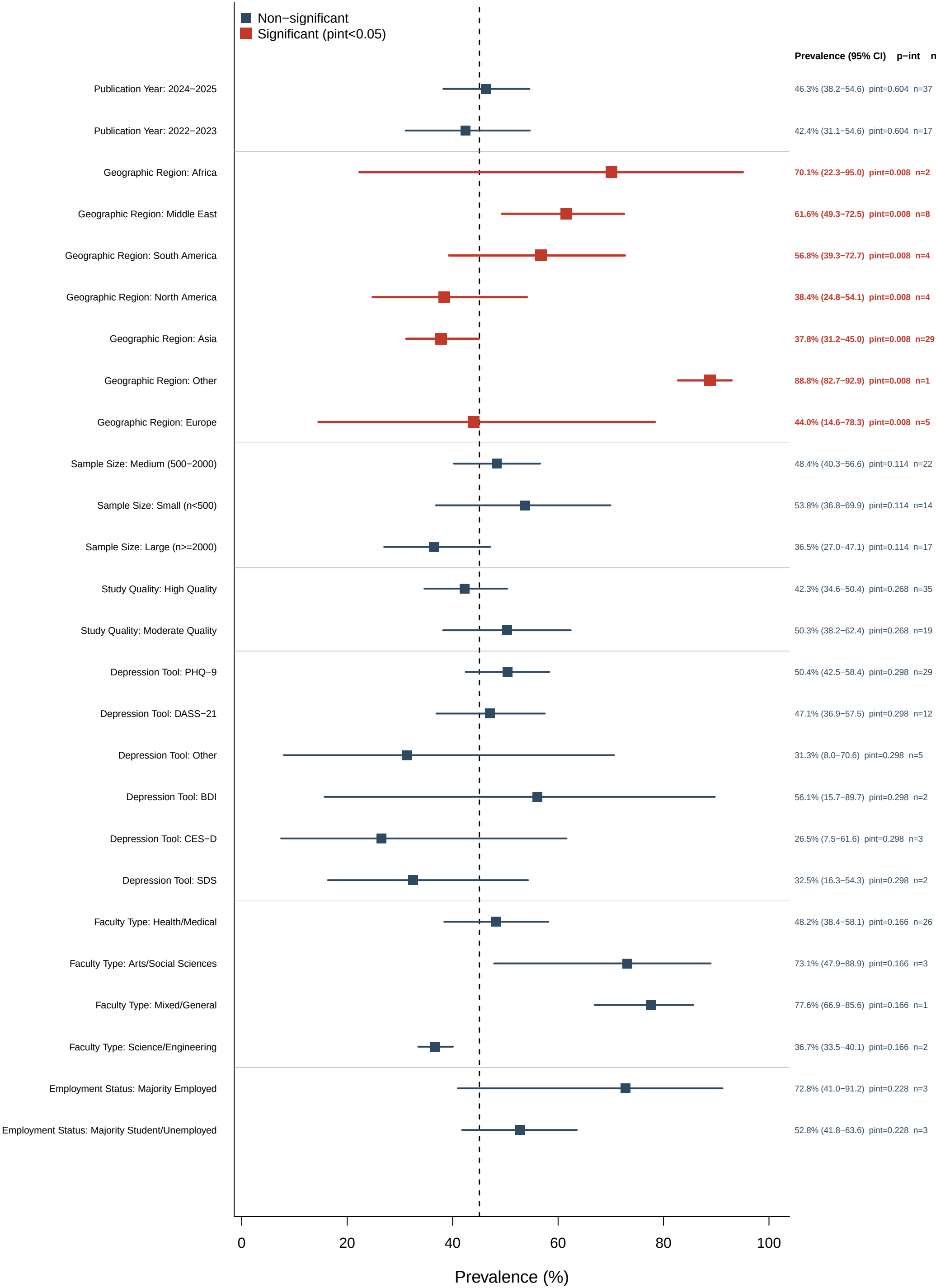


Figure 3D: Meta-Regression Analysis

Depression Prevalence

Effect of baseline covariates on prevalence (univariate analysis)

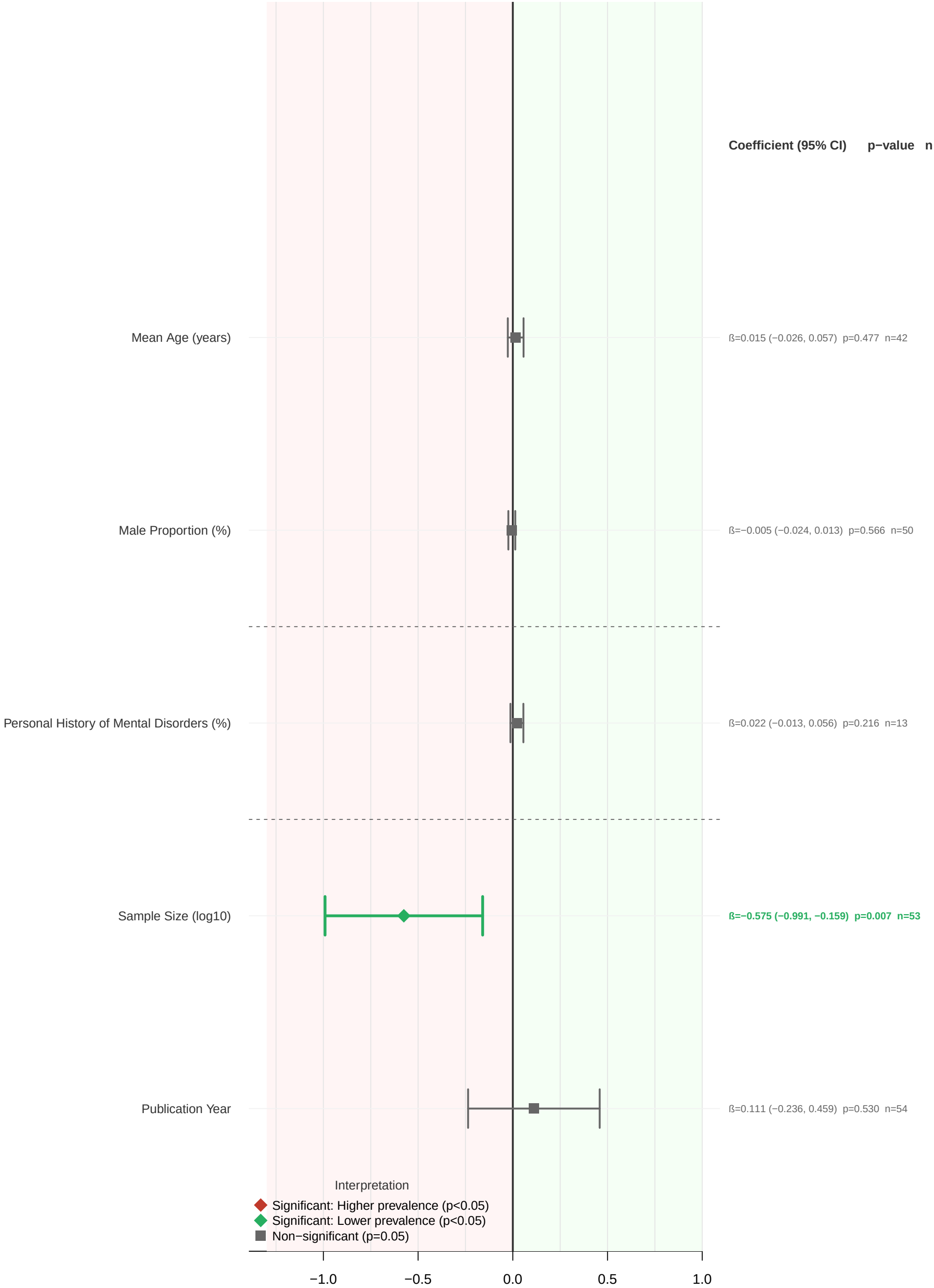


Figure 3E: Funnel Plot – Depression Prevalence
Egger's test p = 0.255 (No asymmetry)

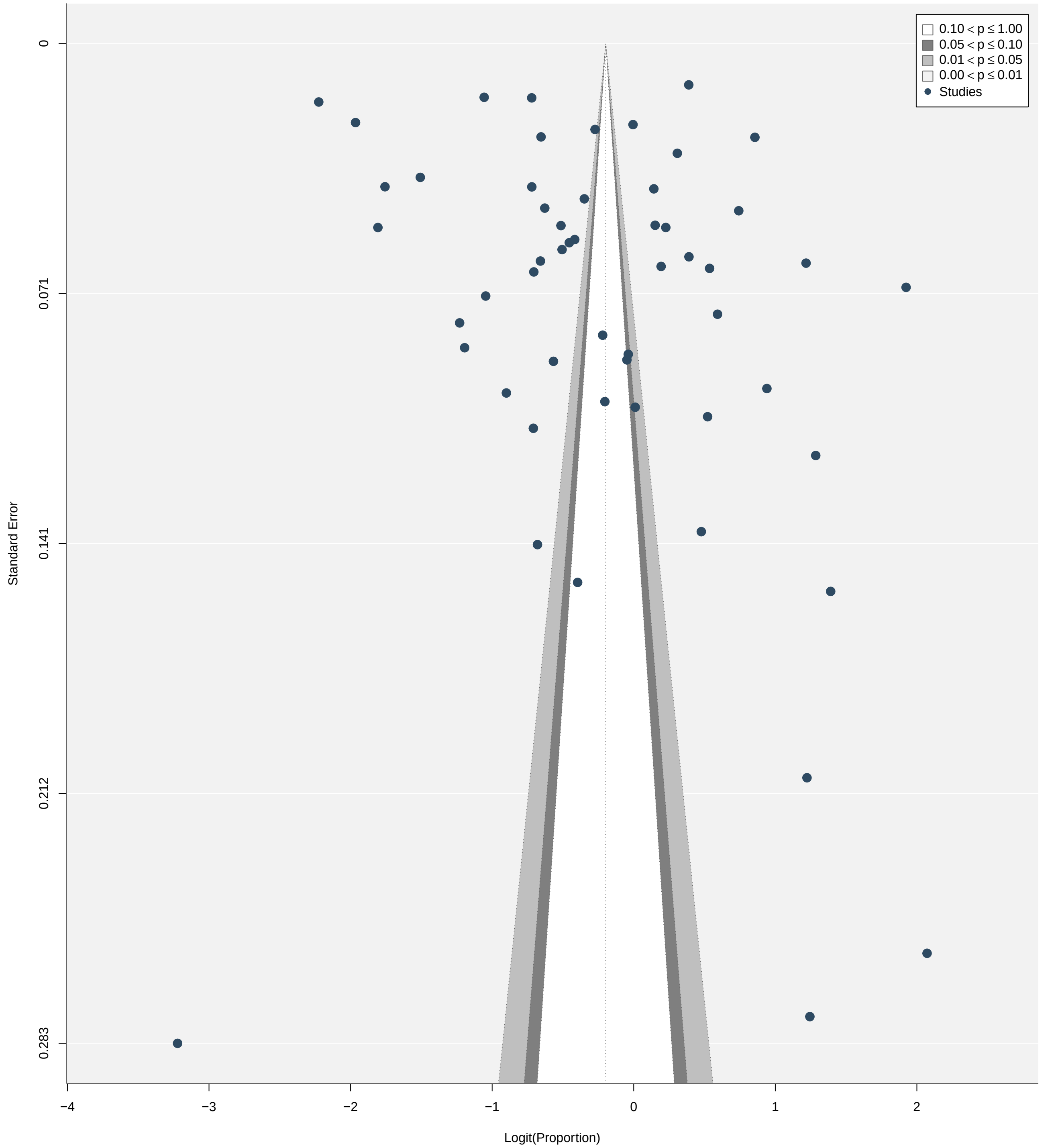


Figure 4A: Forest Plot – Anxiety Prevalence
N = 54 studies

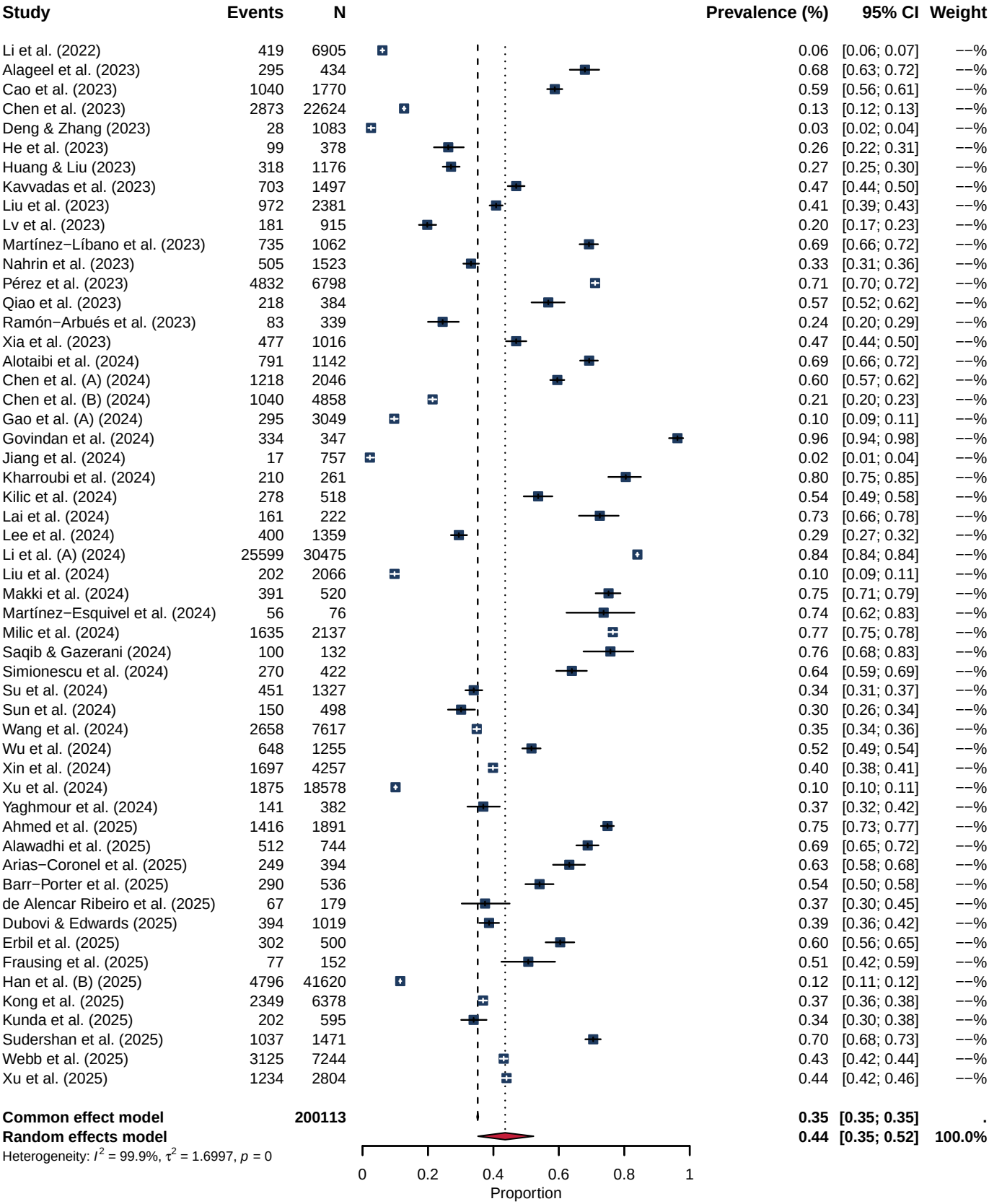


Figure 4B: Leave-One-Out Analysis – Anxiety Prevalence

Pooled estimate after omitting each study

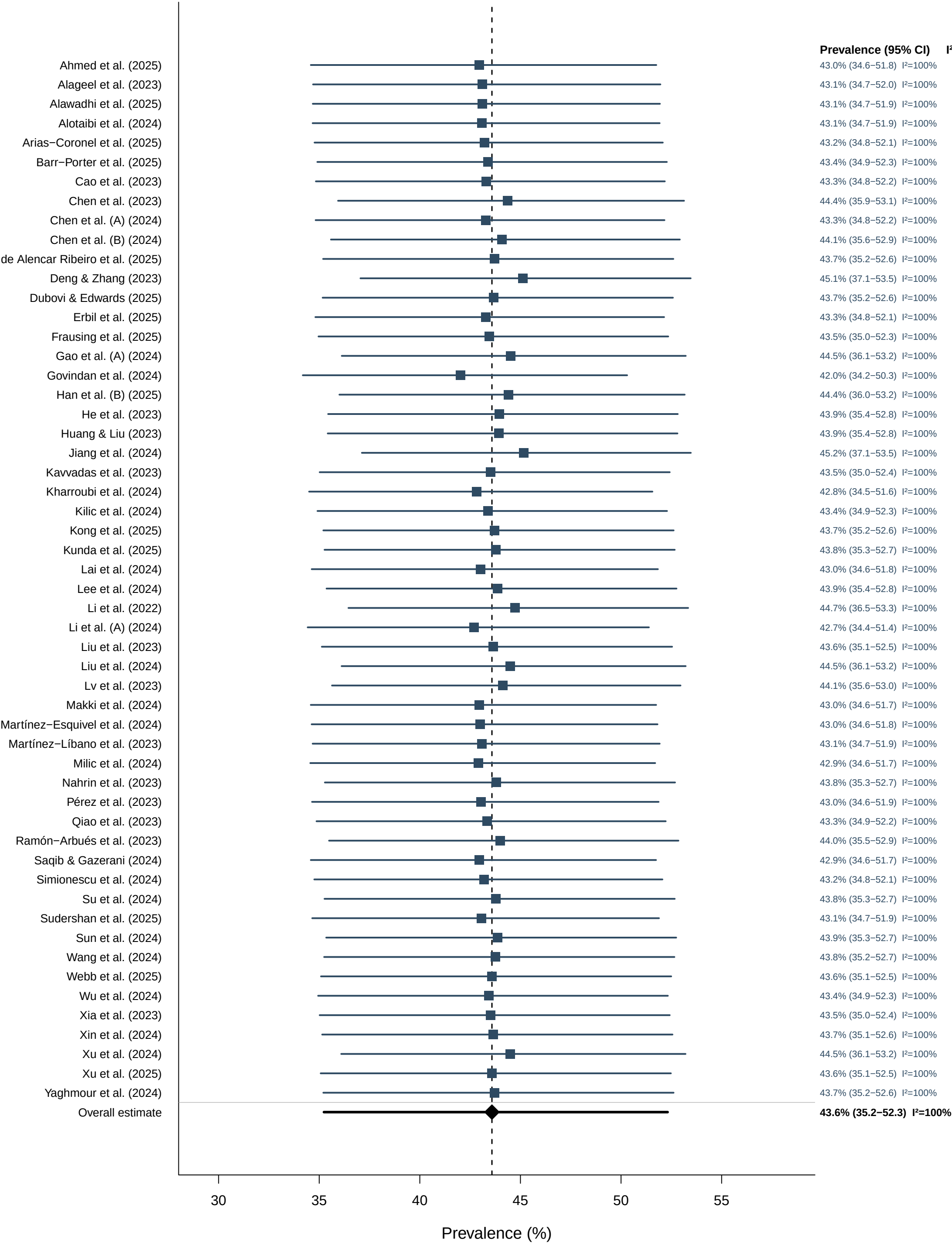


Figure 4C: Subgroup Analysis – Anxiety Prevalence

Stratified by study characteristics

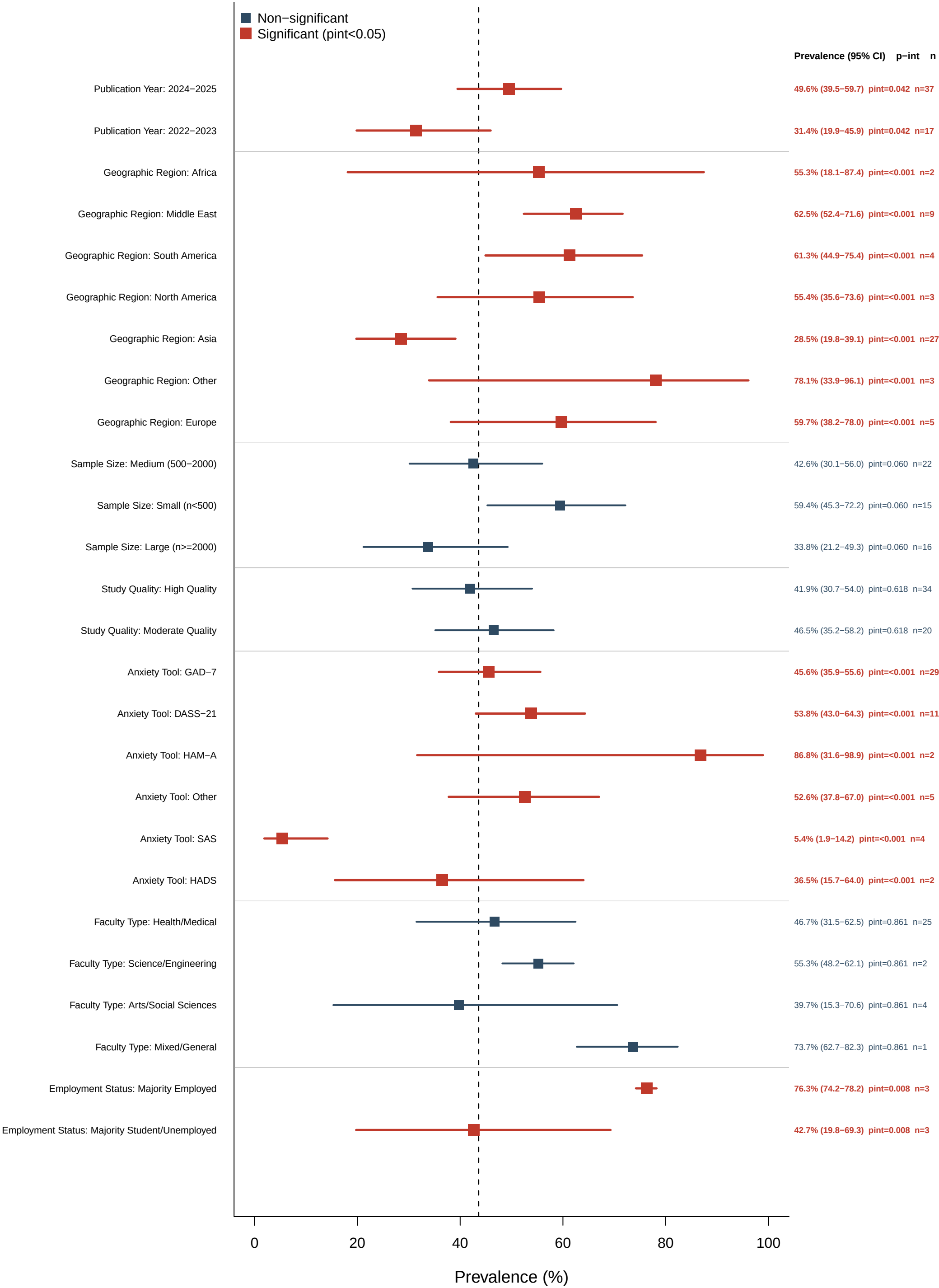


Figure 4D: Meta-Regression Analysis

Anxiety Prevalence

Effect of baseline covariates on prevalence (univariate analysis)

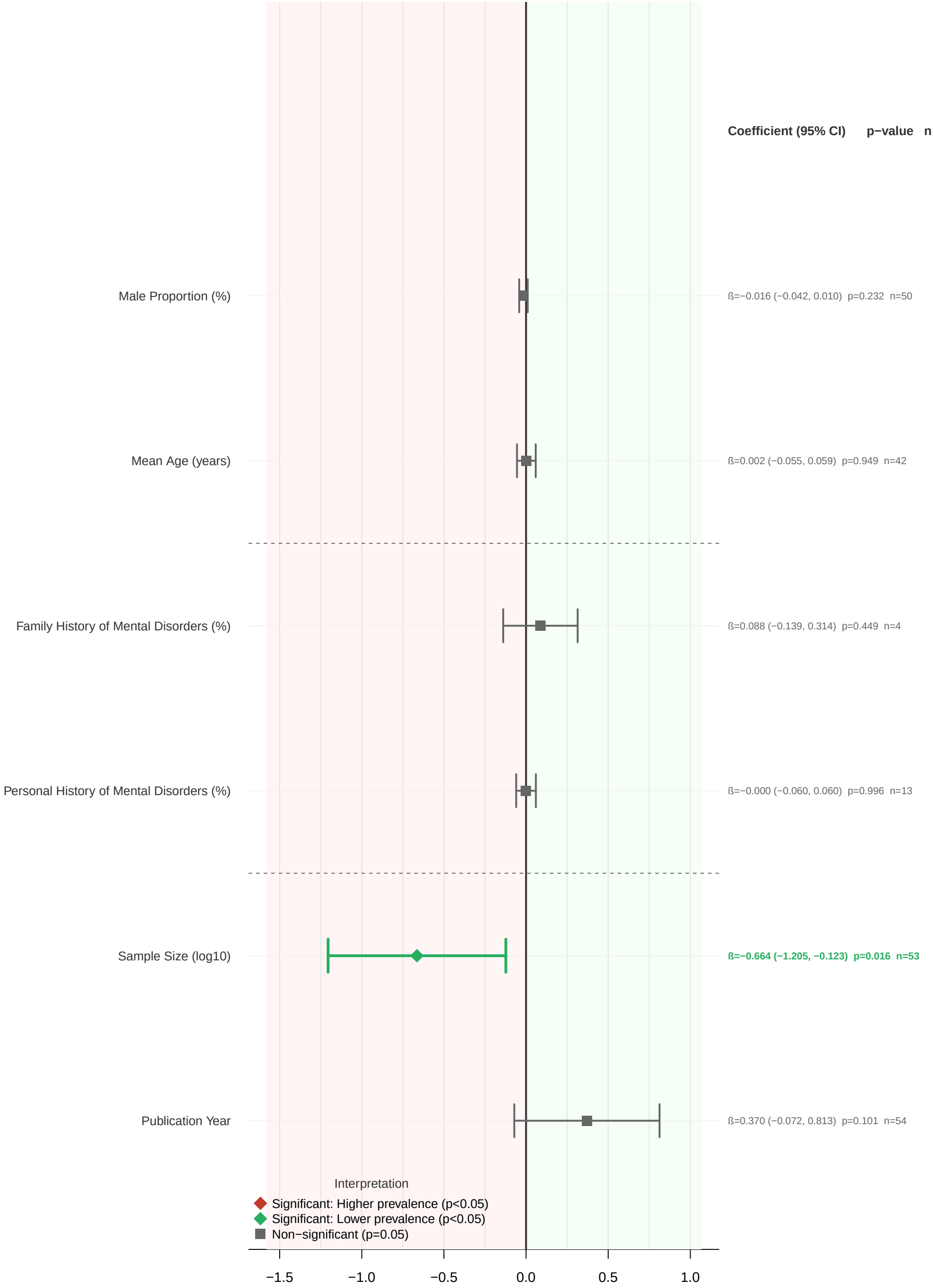


Figure 4E: Funnel Plot – Anxiety Prevalence
Egger's test p = 0.447 (No asymmetry)

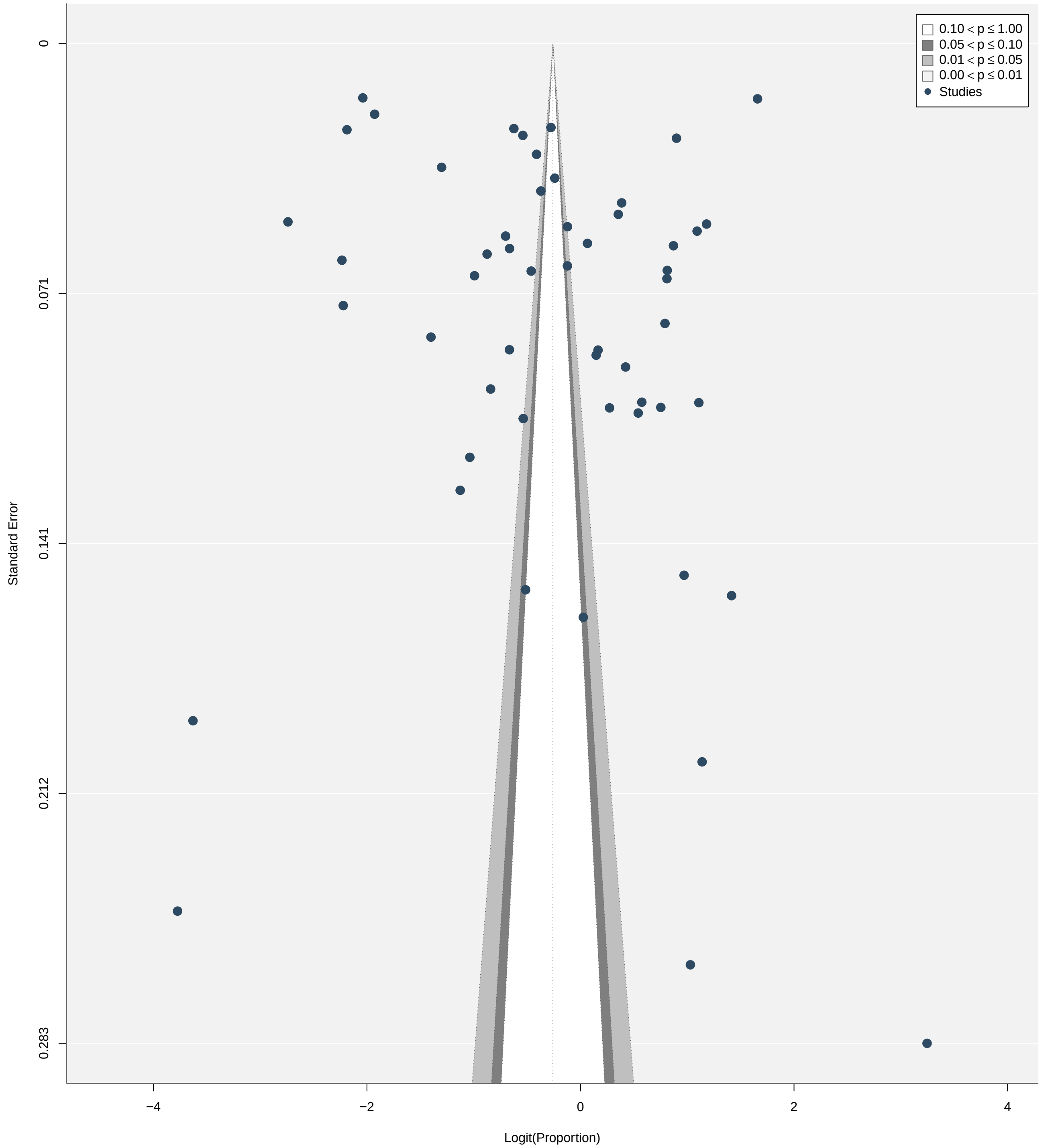


Figure 5A: Forest Plot – Stress Prevalence

N = 26 studies

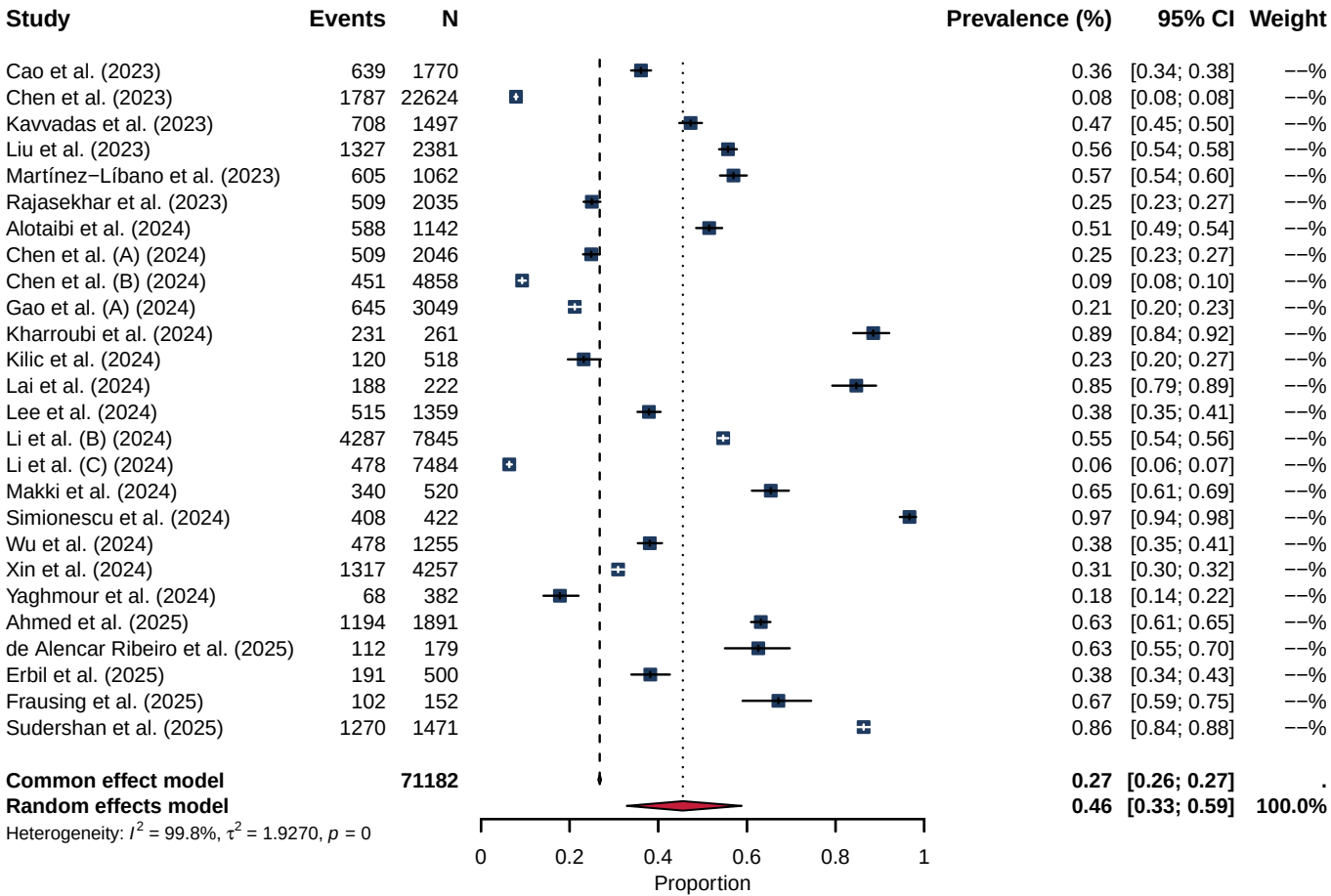


Figure 5B: Leave-One-Out Analysis – Stress Prevalence

Pooled estimate after omitting each study

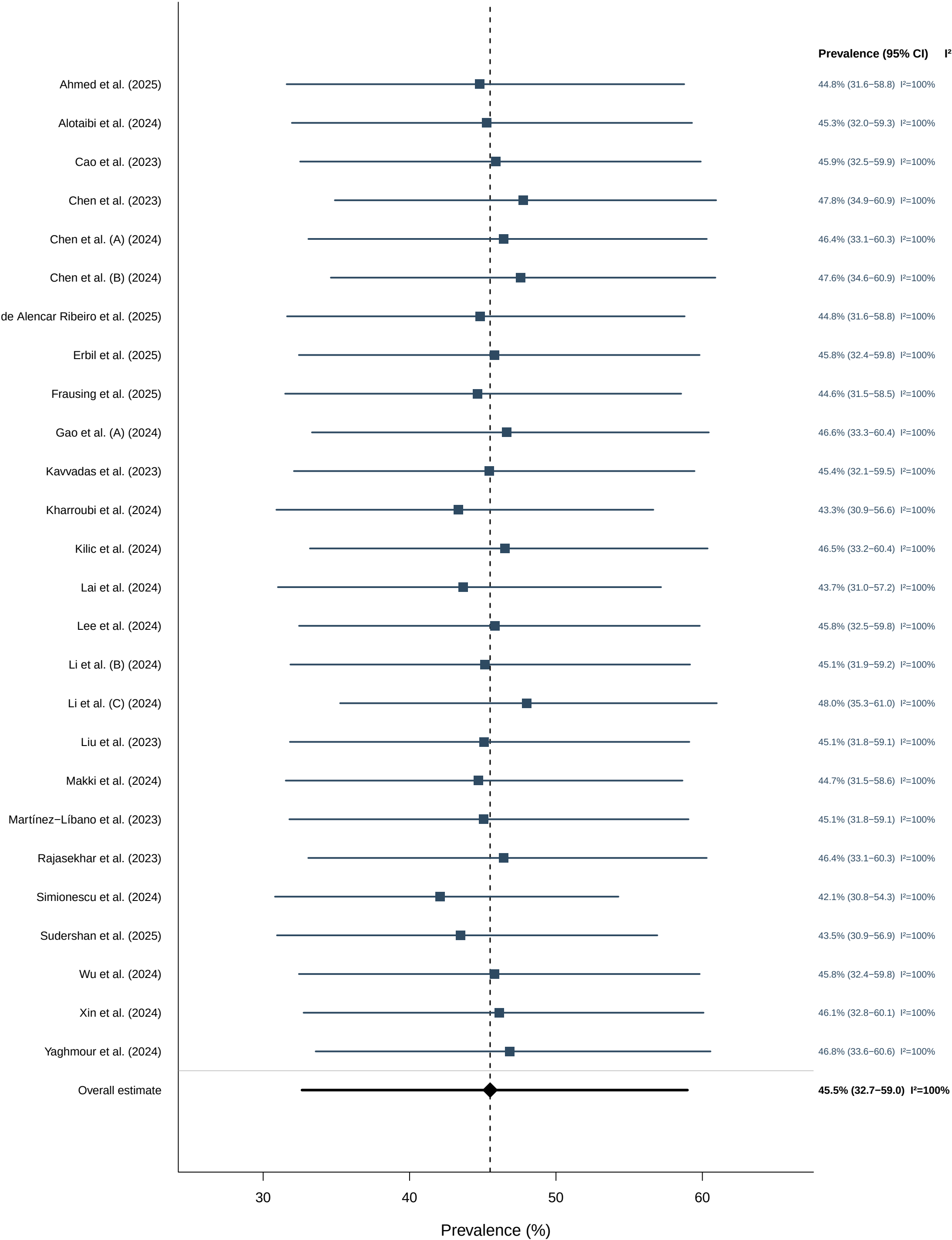


Figure 5C: Subgroup Analysis – Stress Prevalence

Stratified by study characteristics

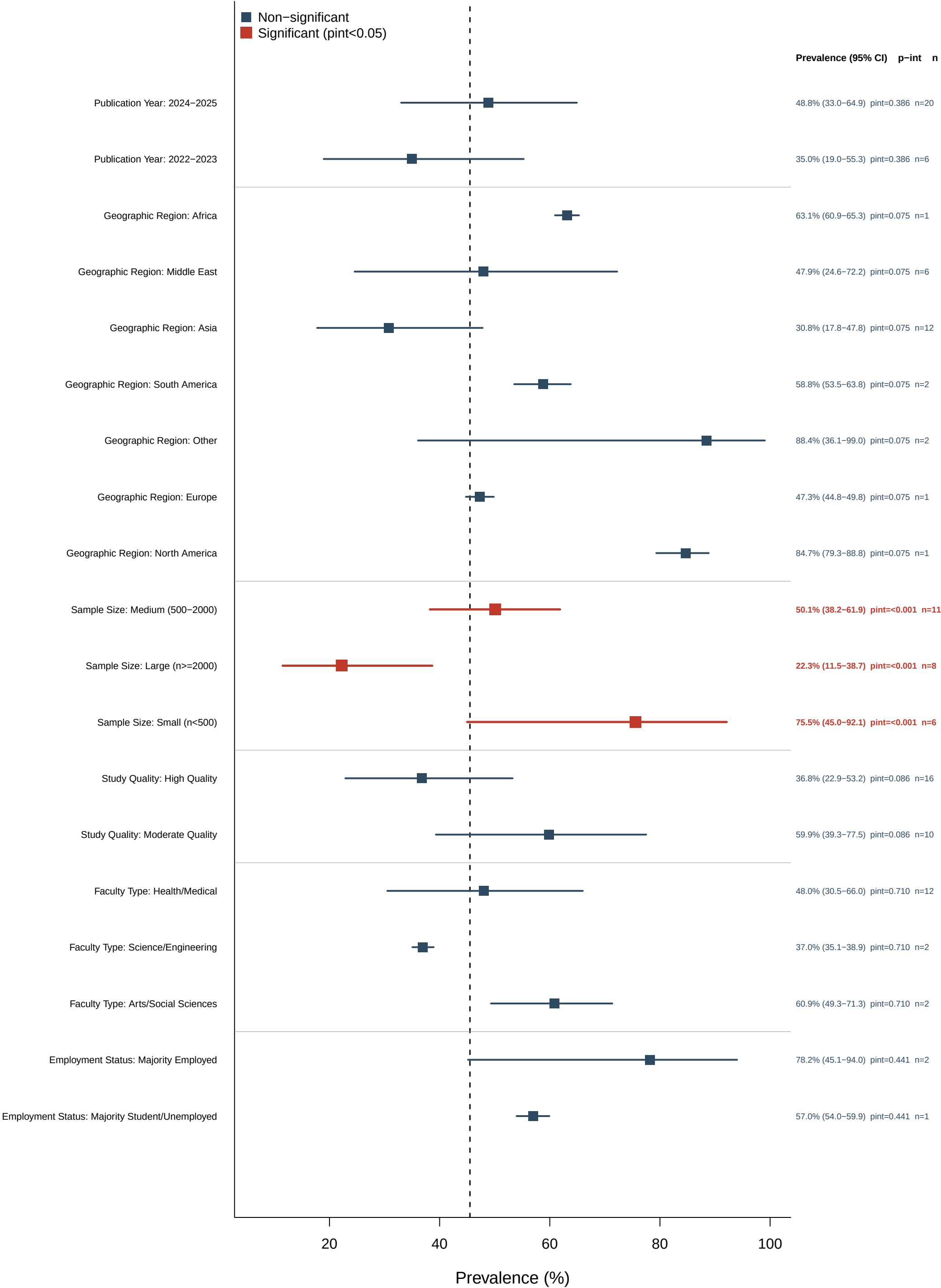


Figure 5D: Meta-Regression Analysis
Stress Prevalence

Effect of baseline covariates on prevalence (univariate analysis)

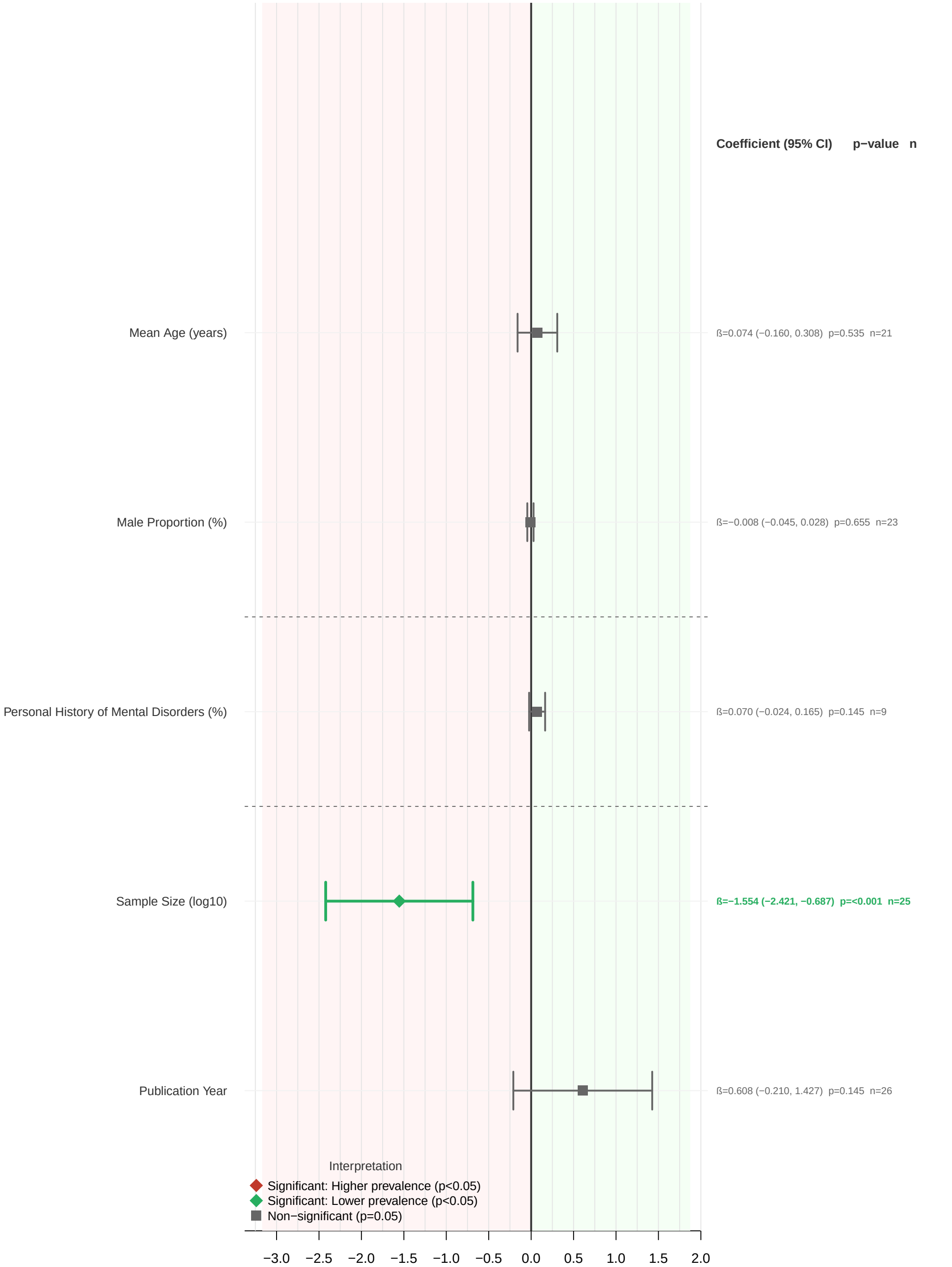


Figure 5E: Funnel Plot – Stress Prevalence
Egger's test p = 0.157 (No asymmetry)

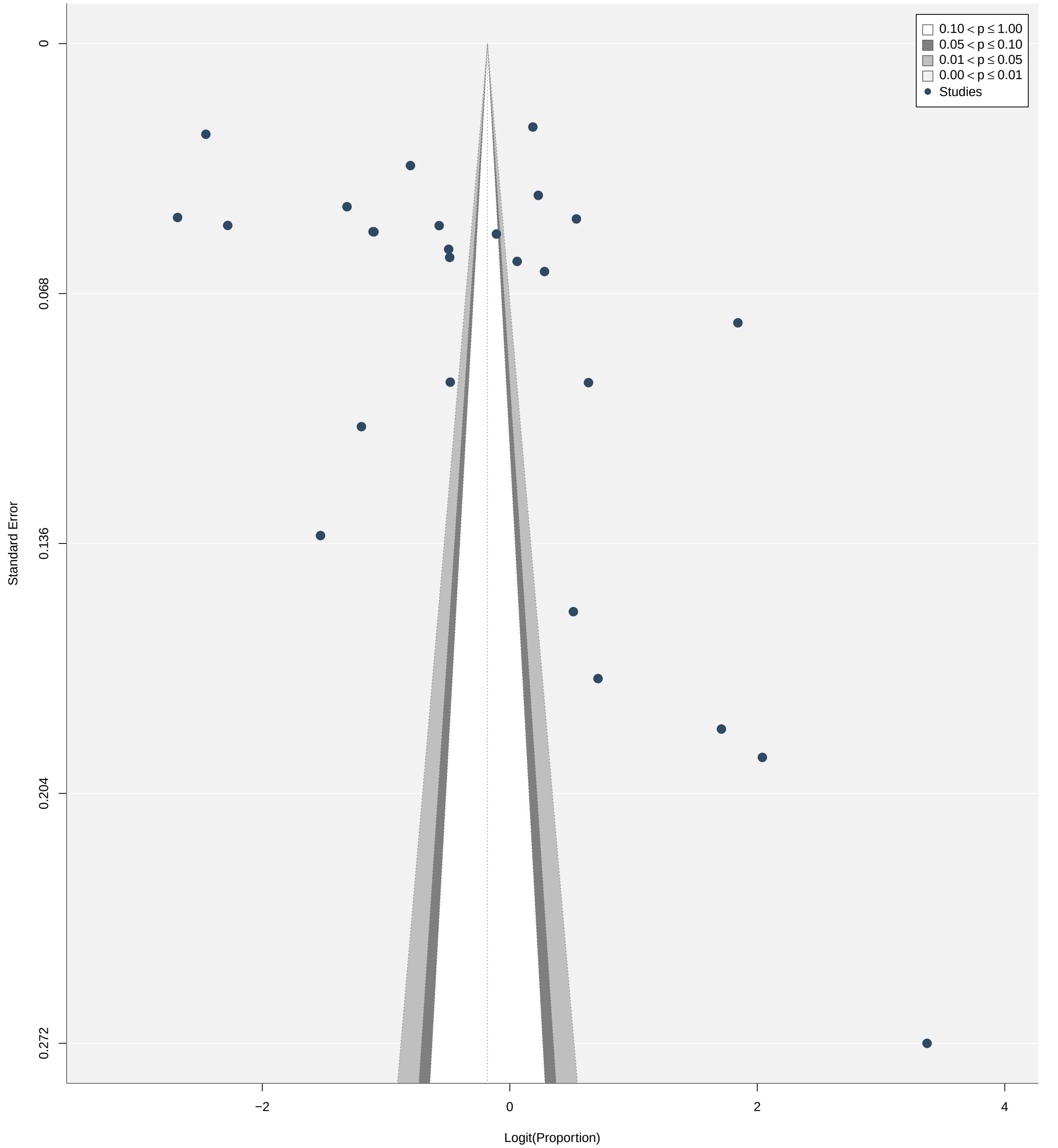


Figure 6A: Forest Plot – Mild Depression Prevalence
N = 32 studies

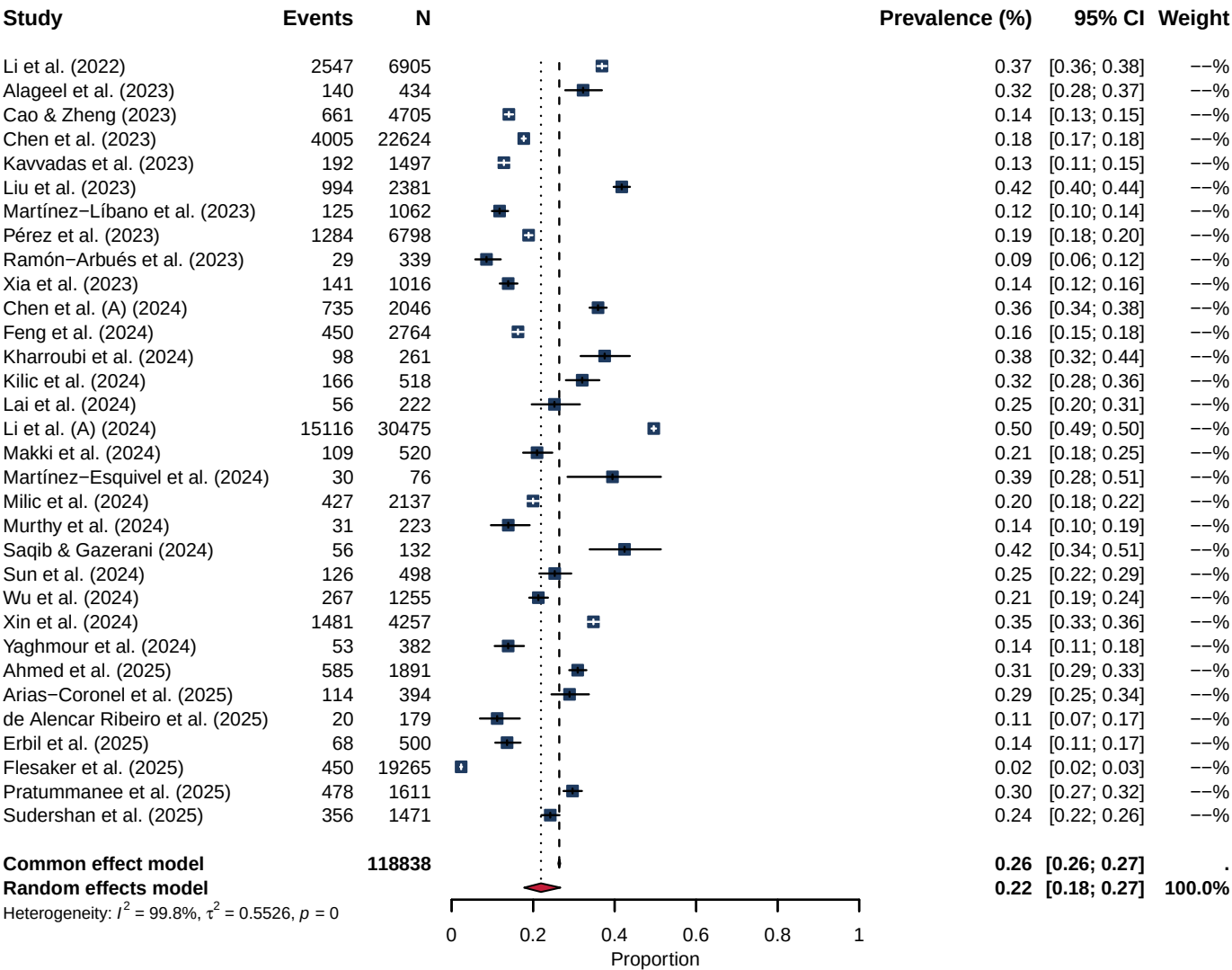


Figure 6B: Leave-One-Out Analysis – Mild Depression Prevalence

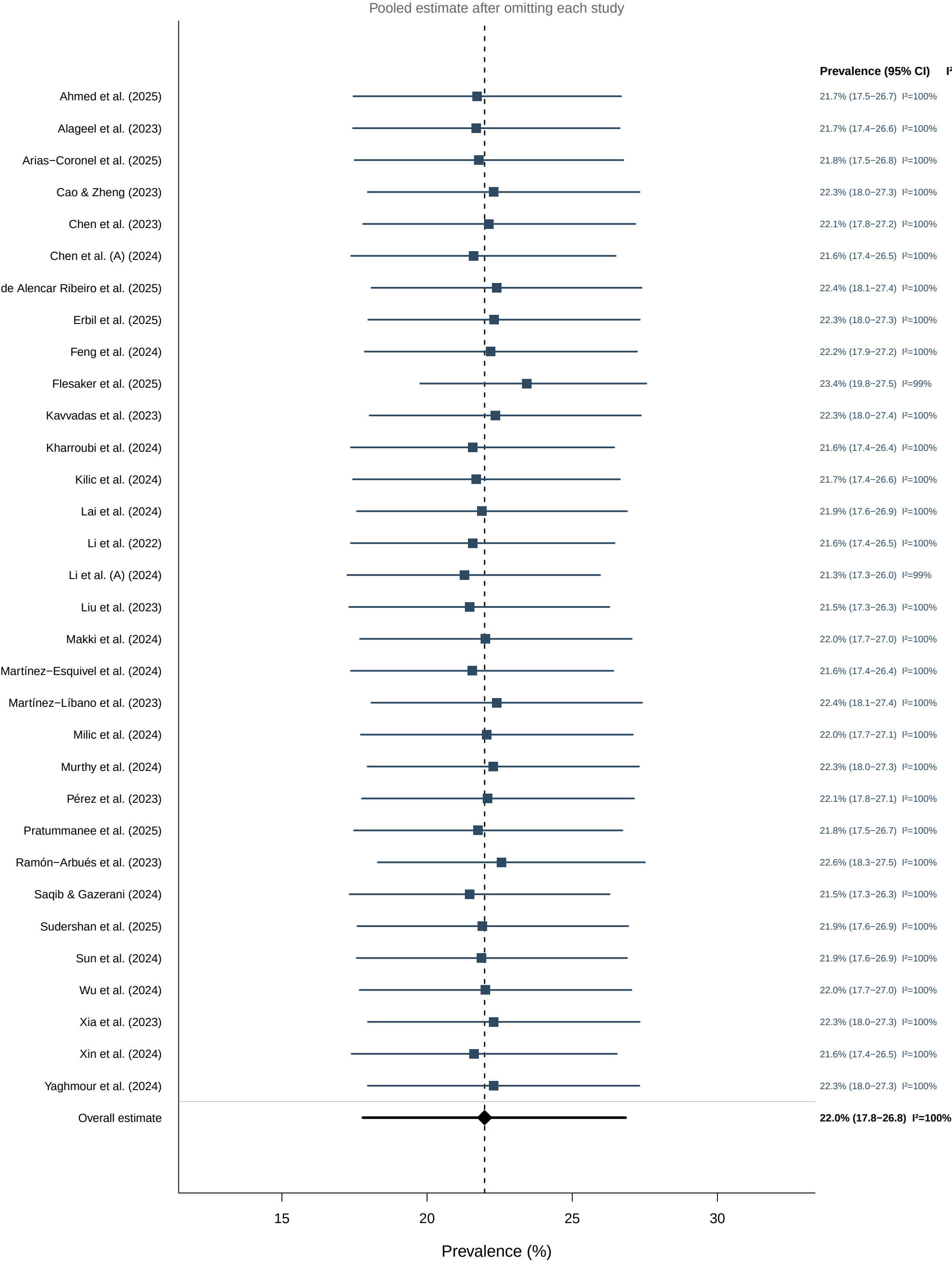


Figure 6C: Subgroup Analysis – Mild Depression Prevalence

Stratified by study characteristics

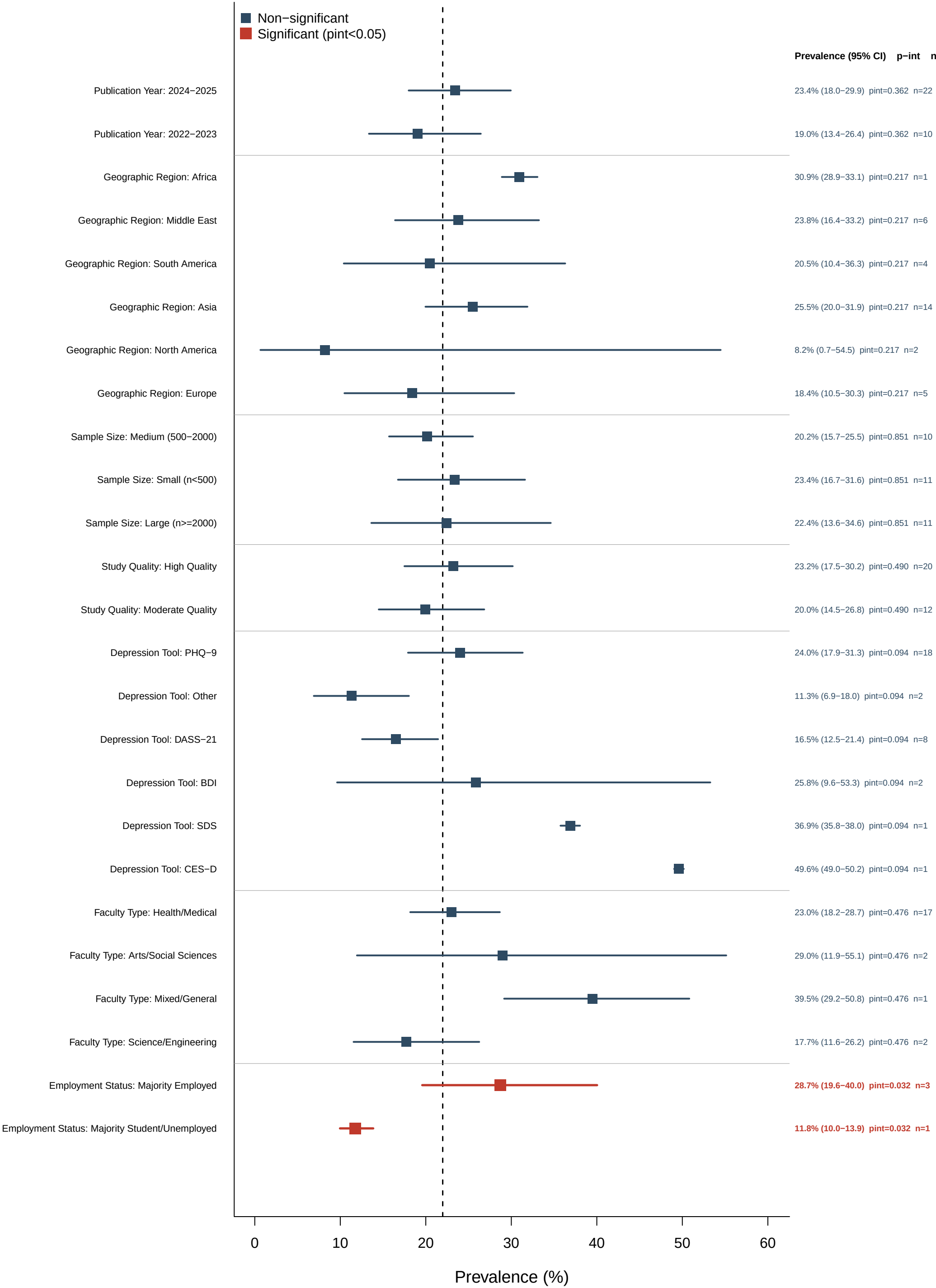


Figure 6D: Meta-Regression Analysis

Mild Depression Prevalence

Effect of baseline covariates on prevalence (univariate analysis)

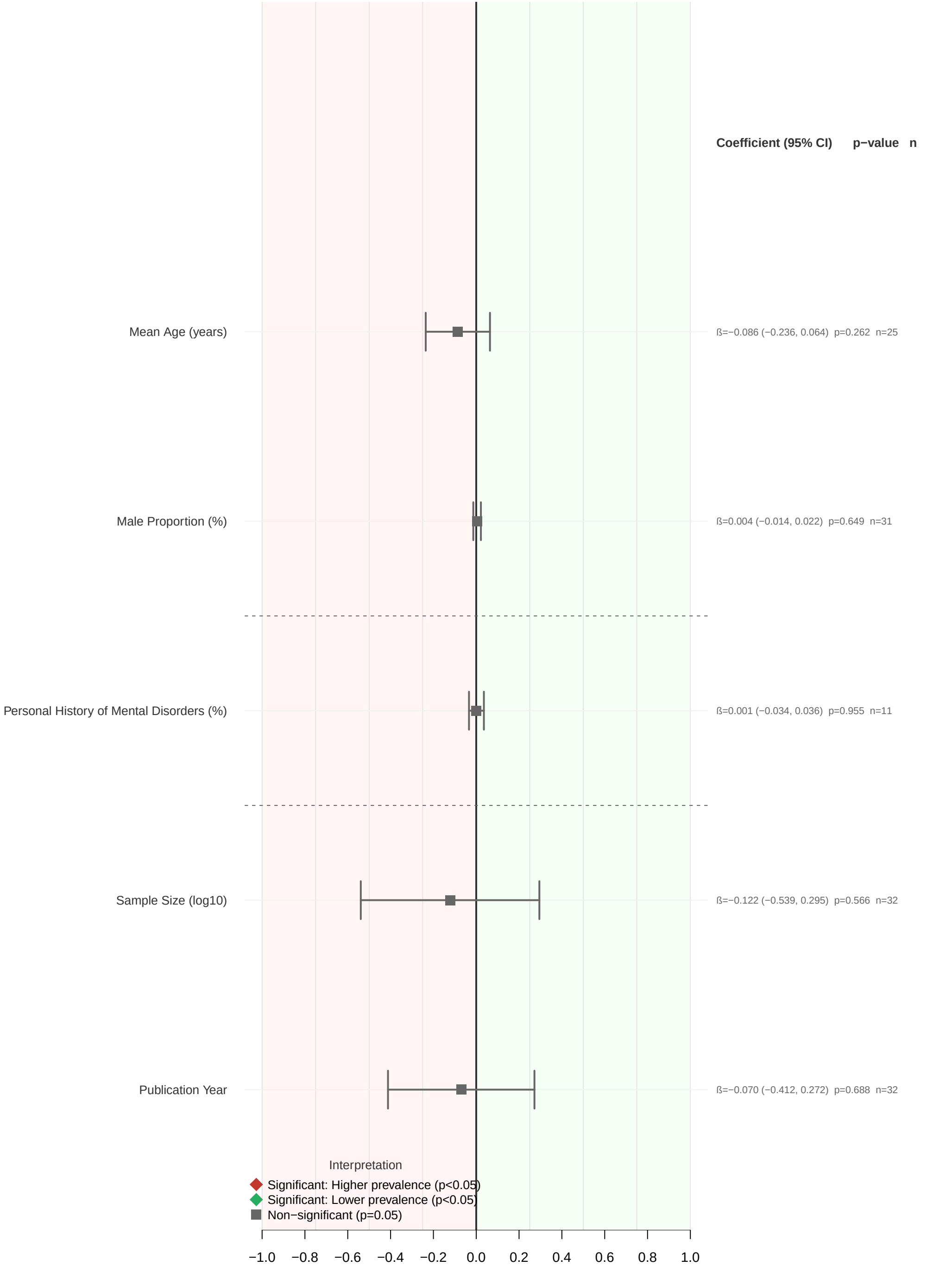


Figure 6E: Funnel Plot – Mild Depression Prevalence
Egger's test p = 0.0183 (Asymmetry detected)

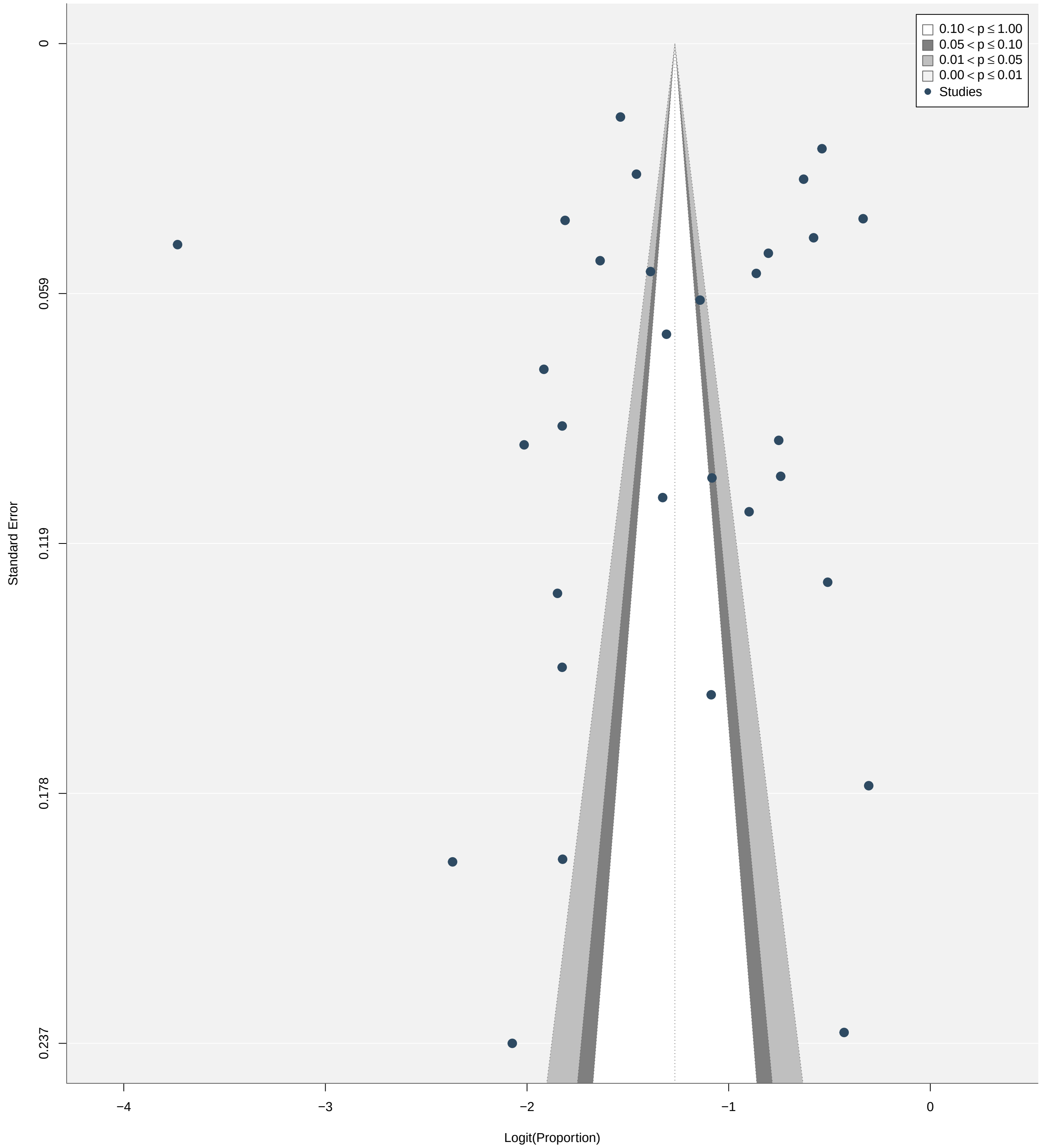


Figure 7A: Forest Plot – Moderate Depression Prevalence

N = 31 studies

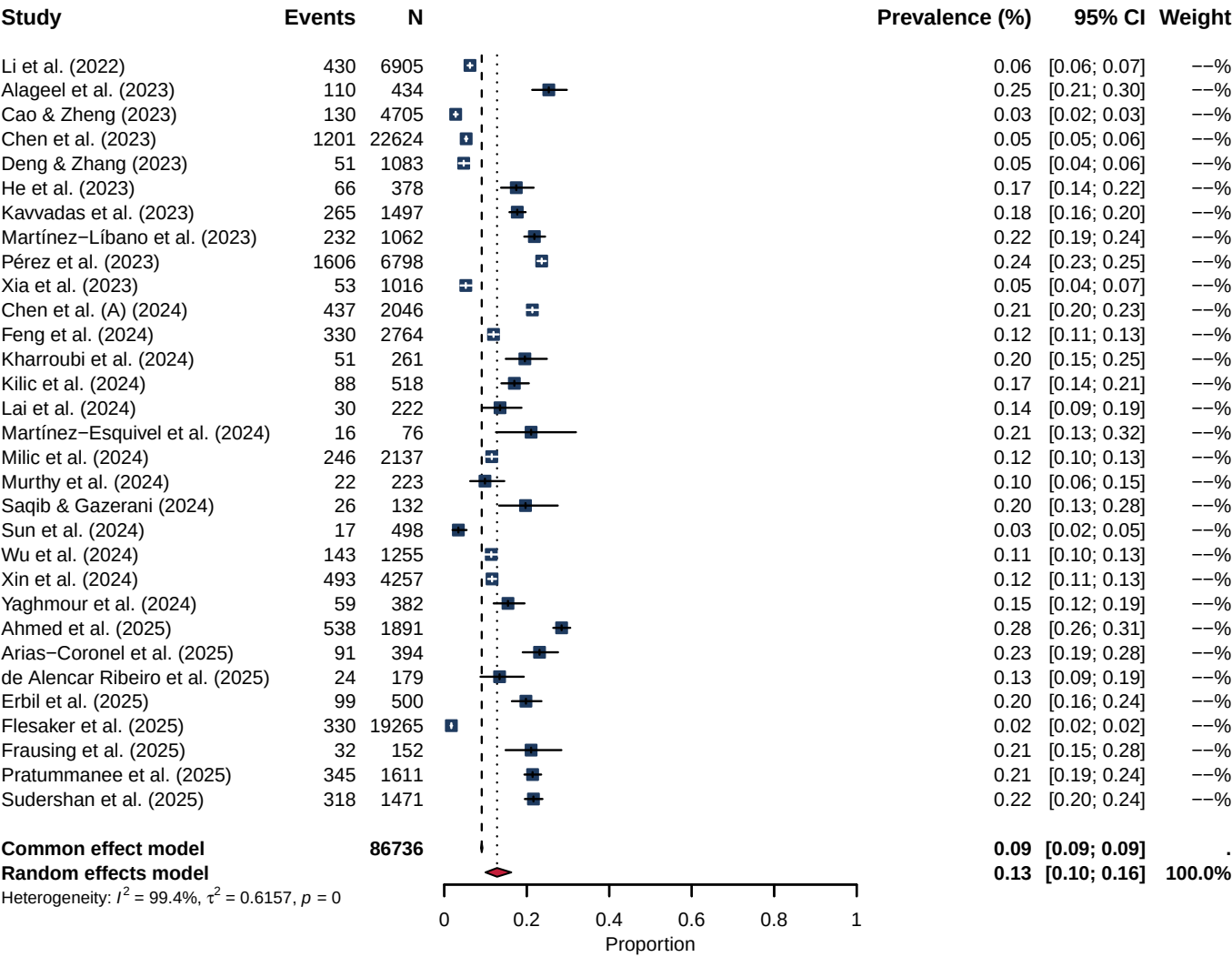


Figure 7B: Leave-One-Out Analysis – Moderate Depression Prevalence

Pooled estimate after omitting each study

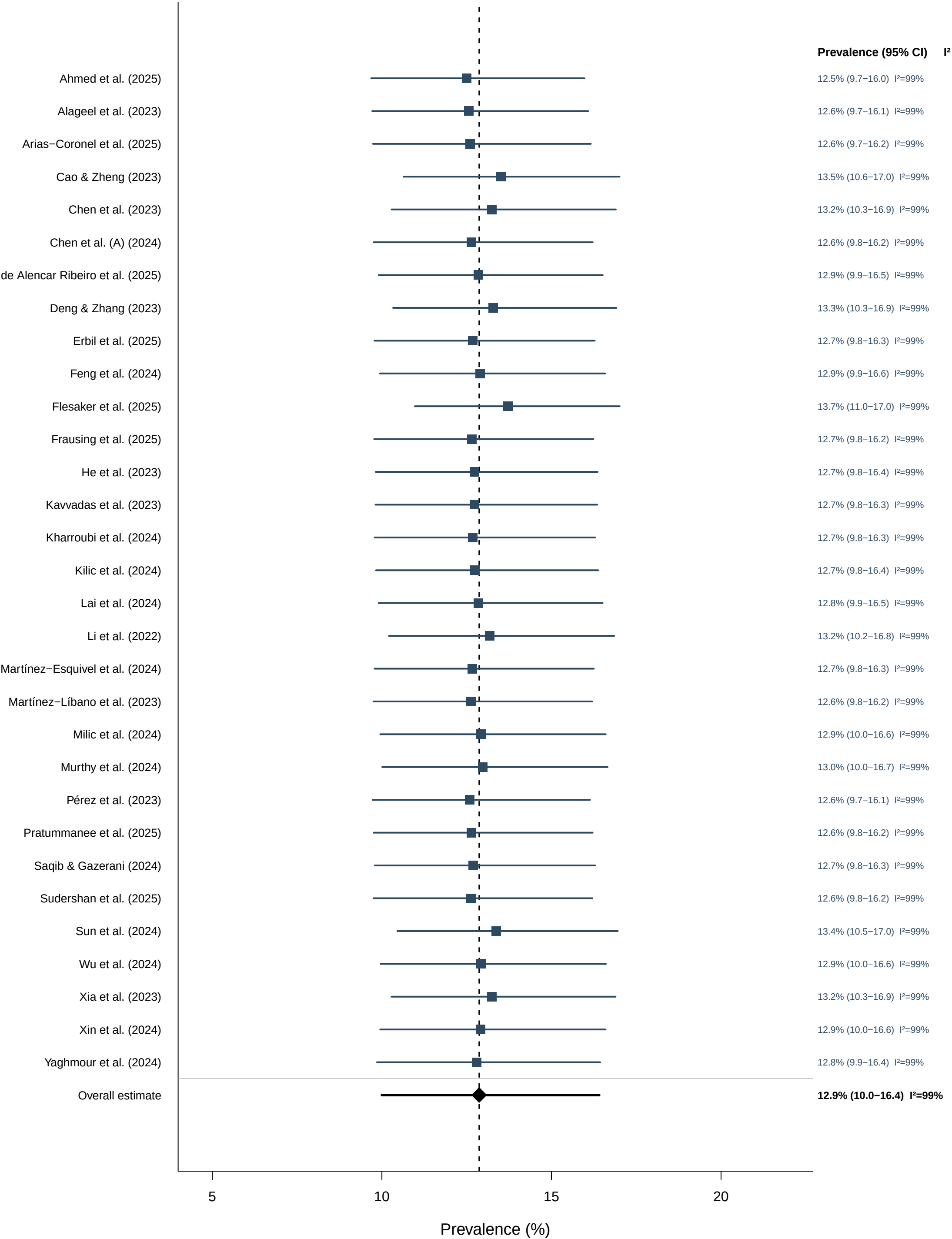


Figure 7C: Subgroup Analysis – Moderate Depression Prevalence

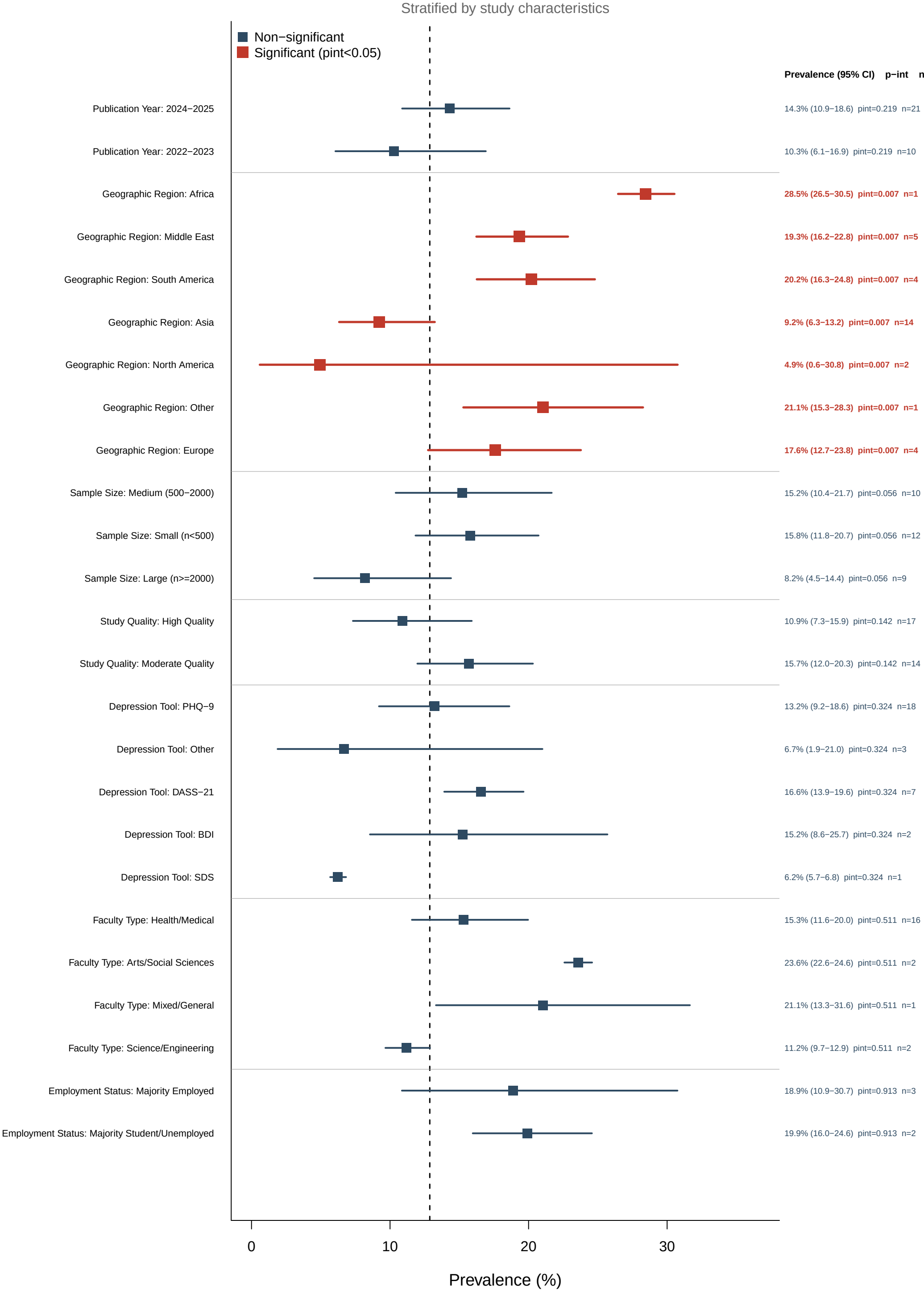


Figure 7D: Meta-Regression Analysis
Moderate Depression Prevalence

Effect of baseline covariates on prevalence (univariate analysis)

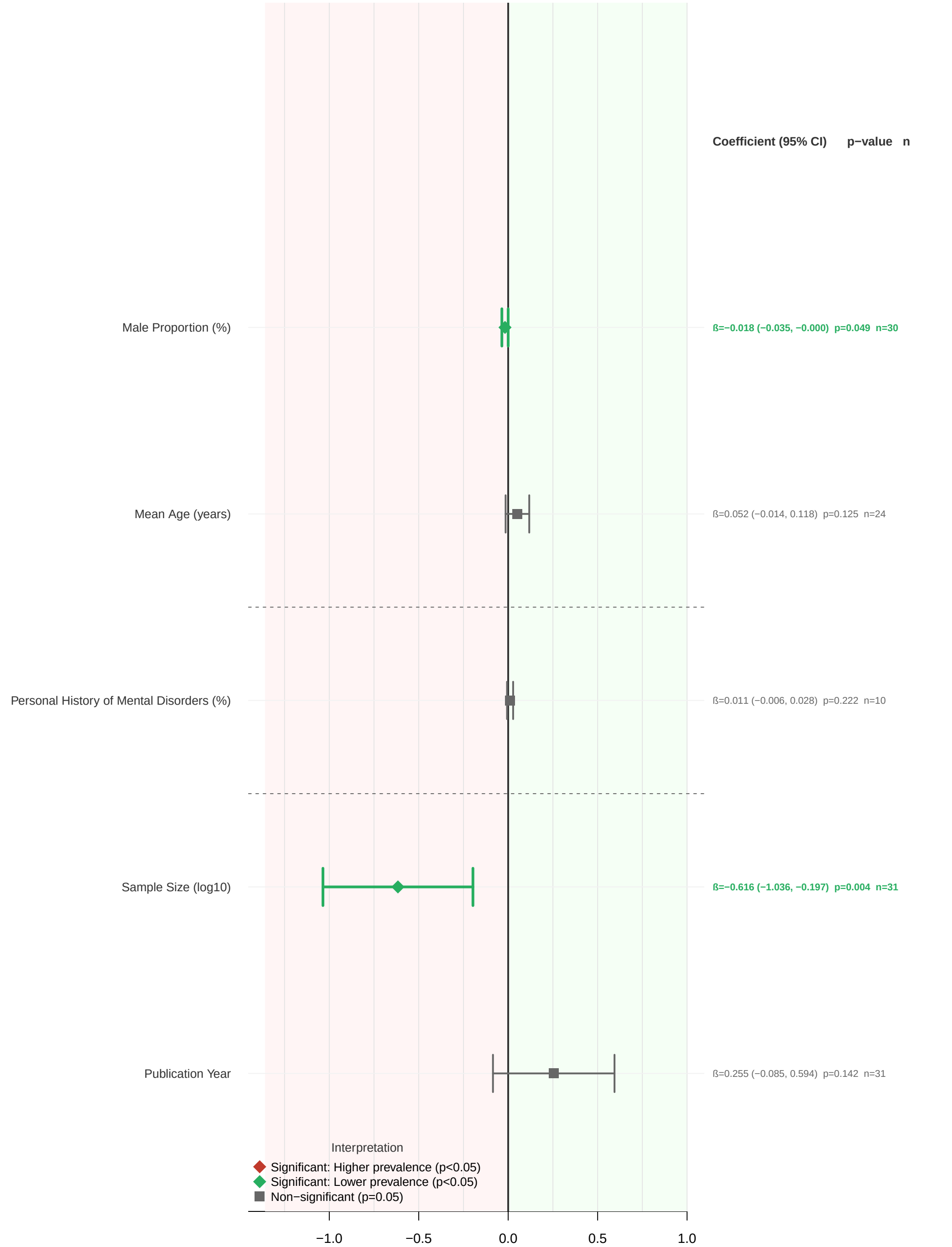


Figure 7E: Funnel Plot – Moderate Depression Prevalence
Egger's test p = 0.822 (No asymmetry)

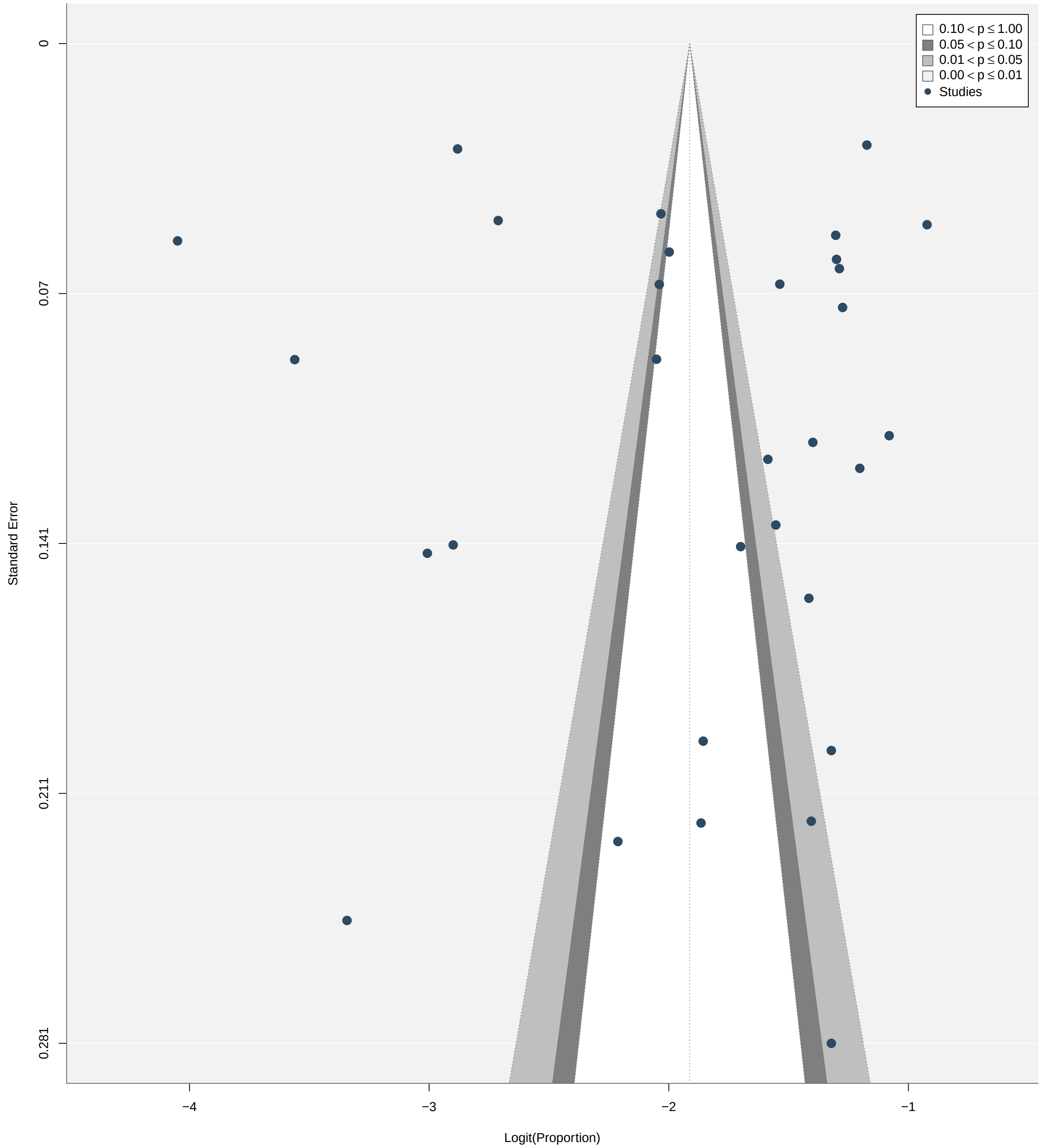


Figure 8A: Forest Plot – Severe Depression Prevalence
N = 32 studies

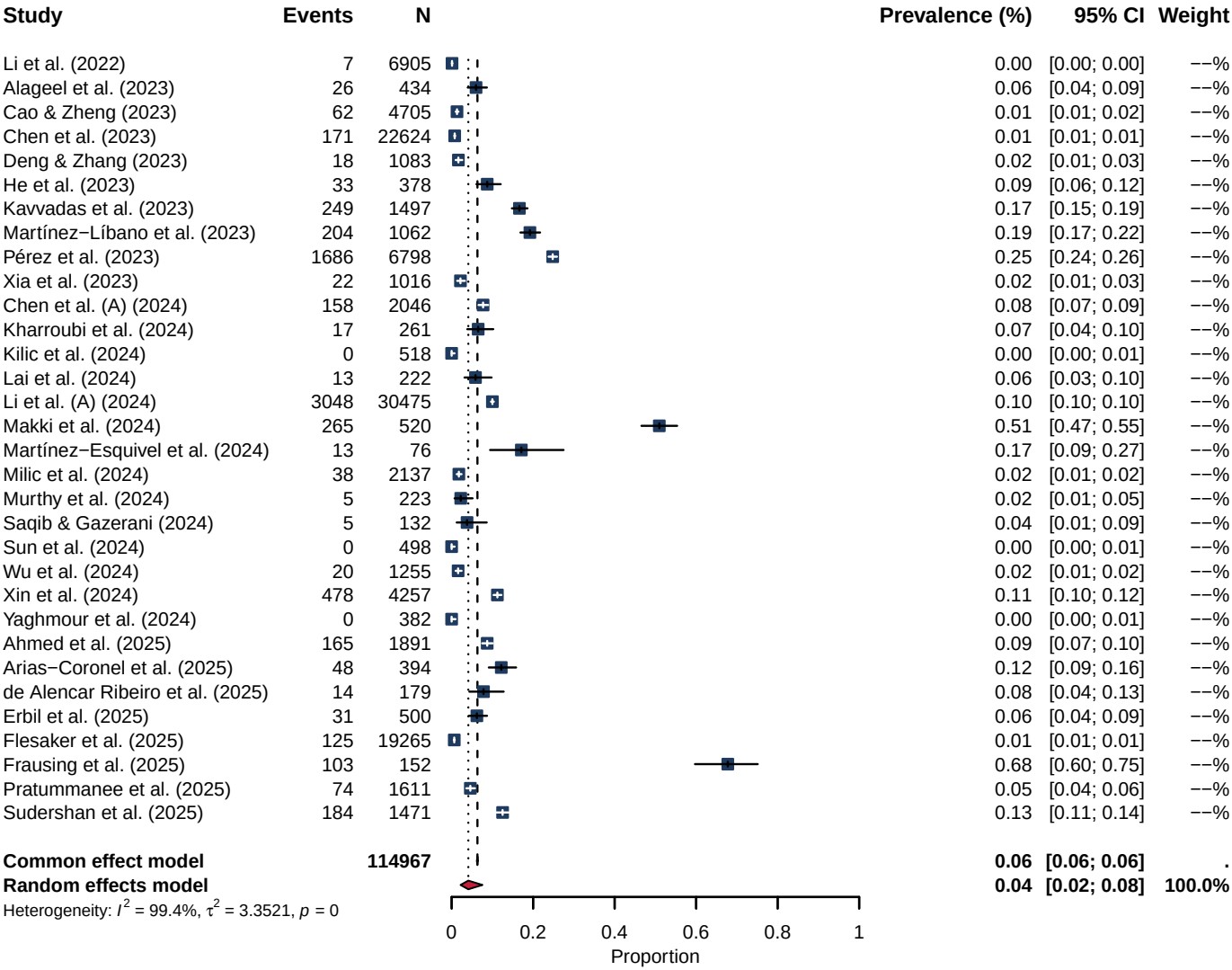


Figure 8B: Leave-One-Out Analysis – Severe Depression Prevalence

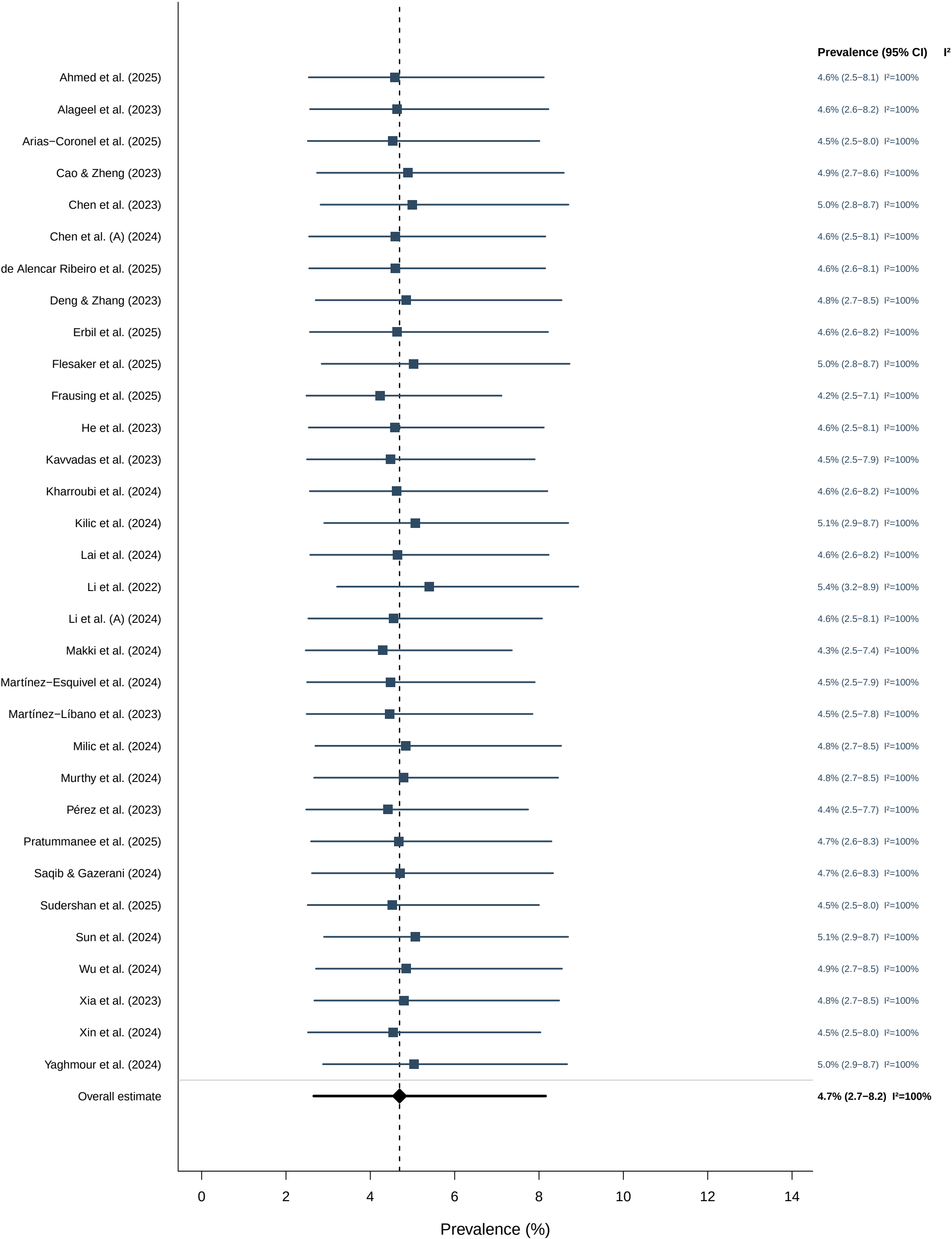


Figure 8C: Subgroup Analysis – Severe Depression Prevalence

Stratified by study characteristics

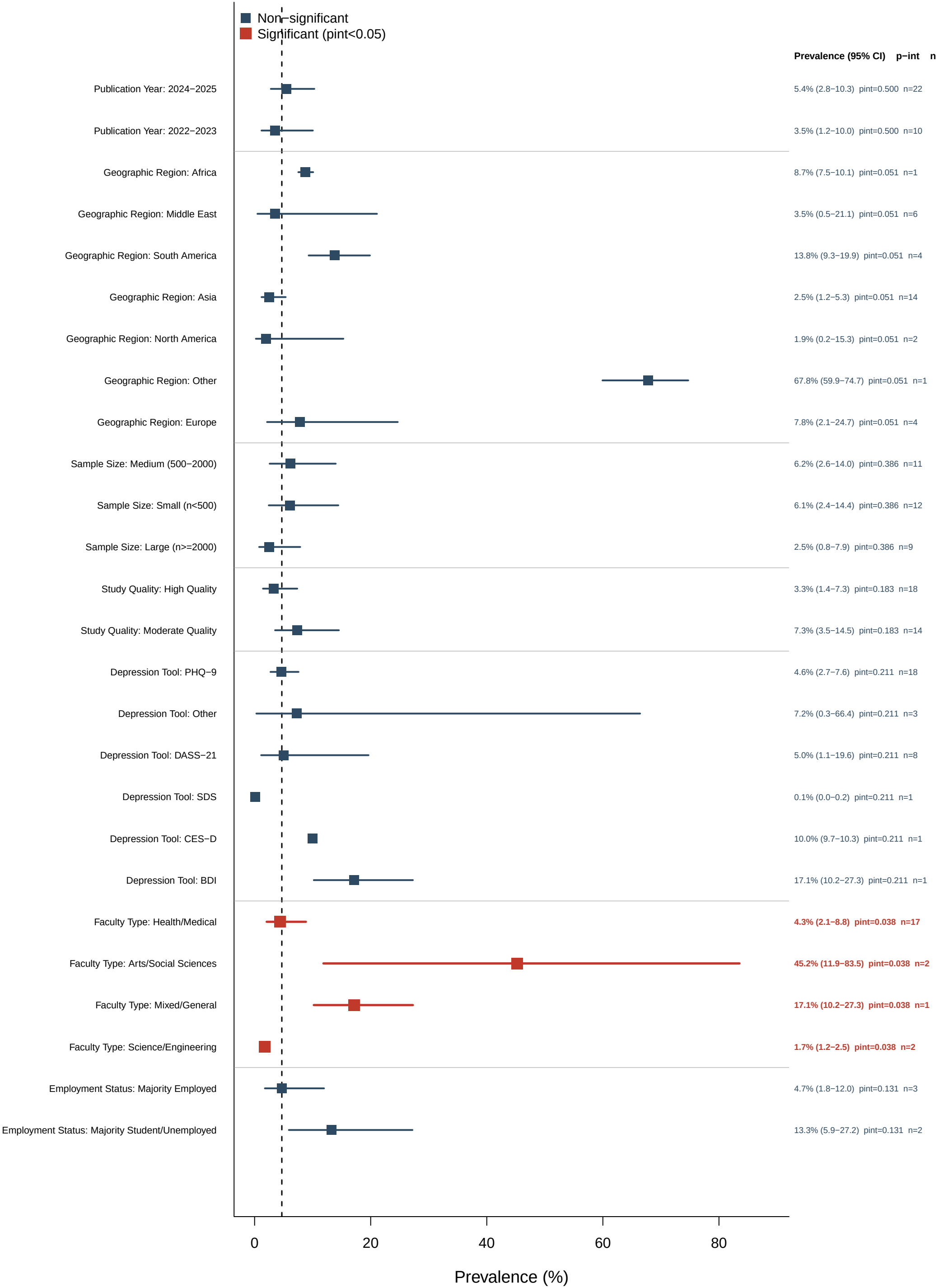


Figure 8D: Meta-Regression Analysis
Severe Depression Prevalence

Effect of baseline covariates on prevalence (univariate analysis)

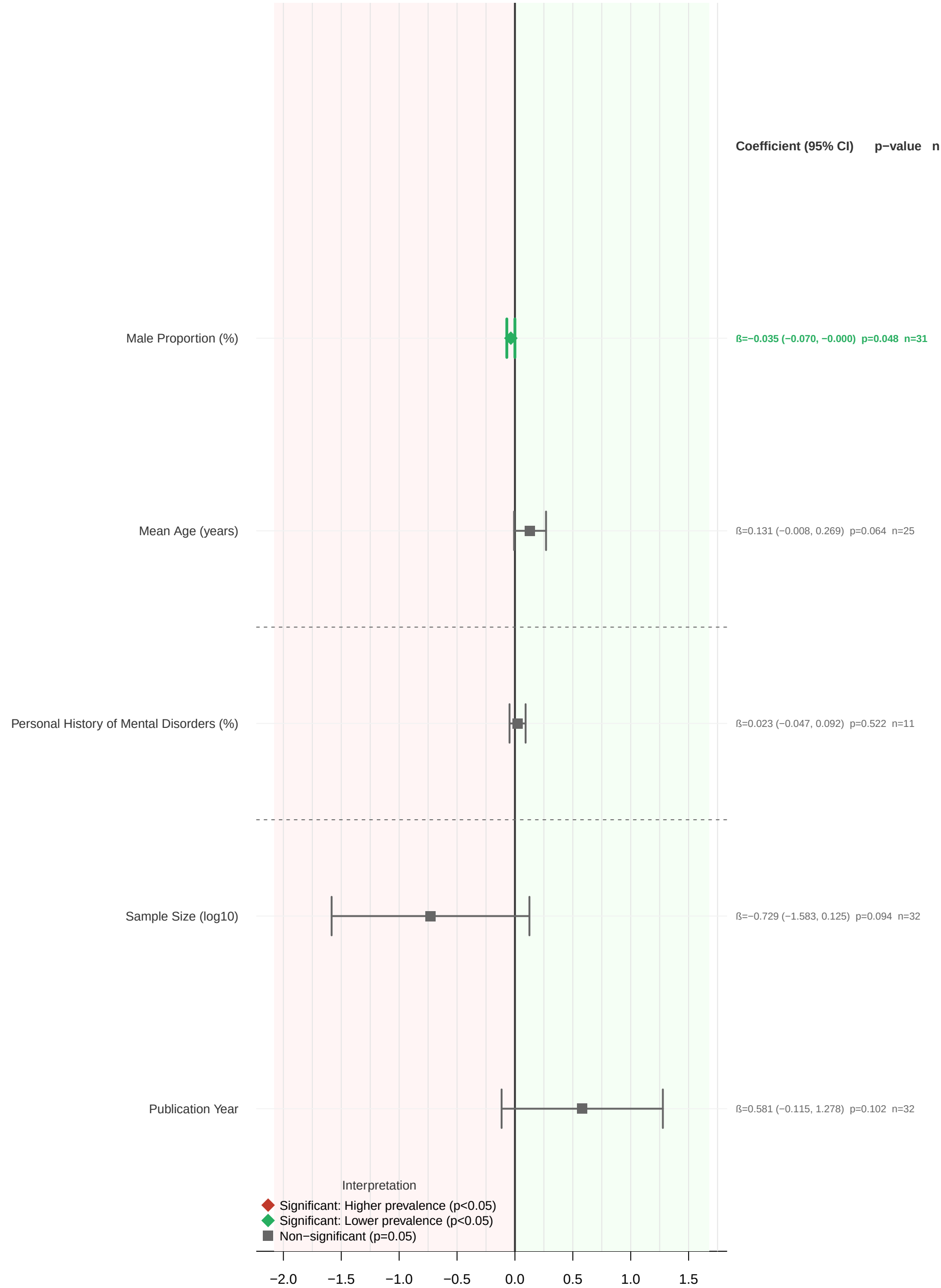


Figure 8E: Funnel Plot – Severe Depression Prevalence
Egger's test p = 0.0813 (No asymmetry)

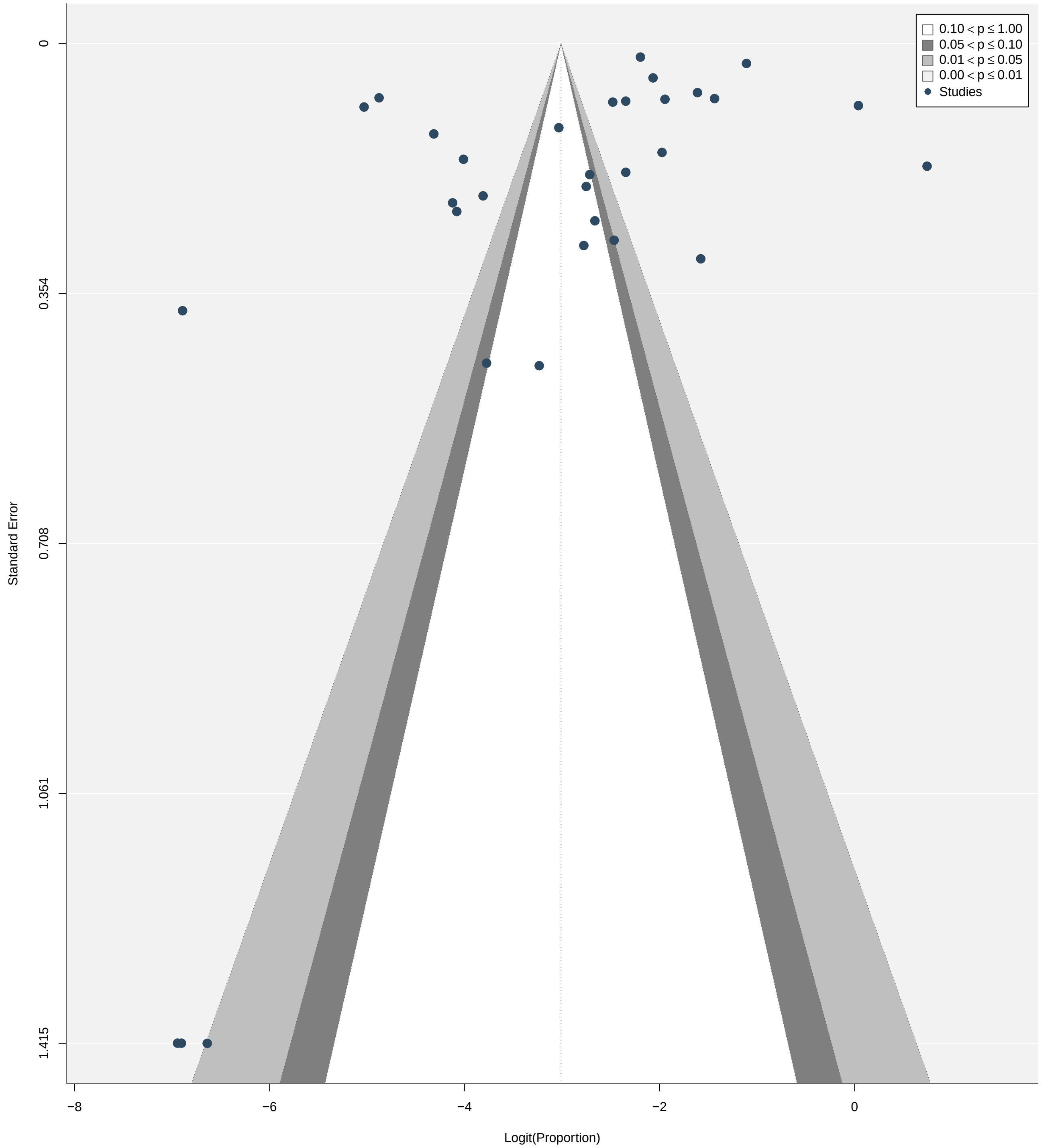


Figure 9A: Forest Plot – Mild Anxiety Prevalence
N = 33 studies

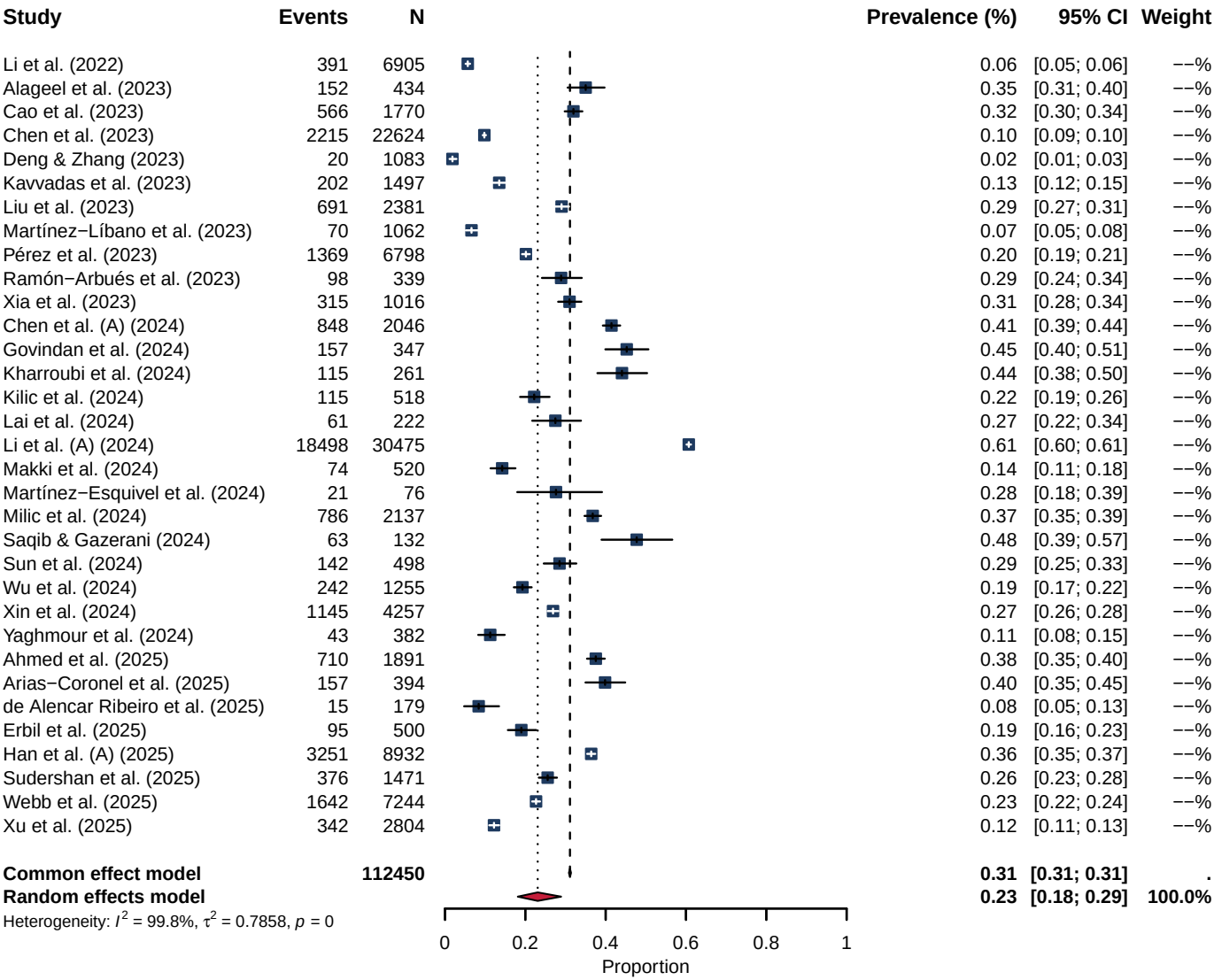


Figure 9B: Leave-One-Out Analysis – Mild Anxiety Prevalence

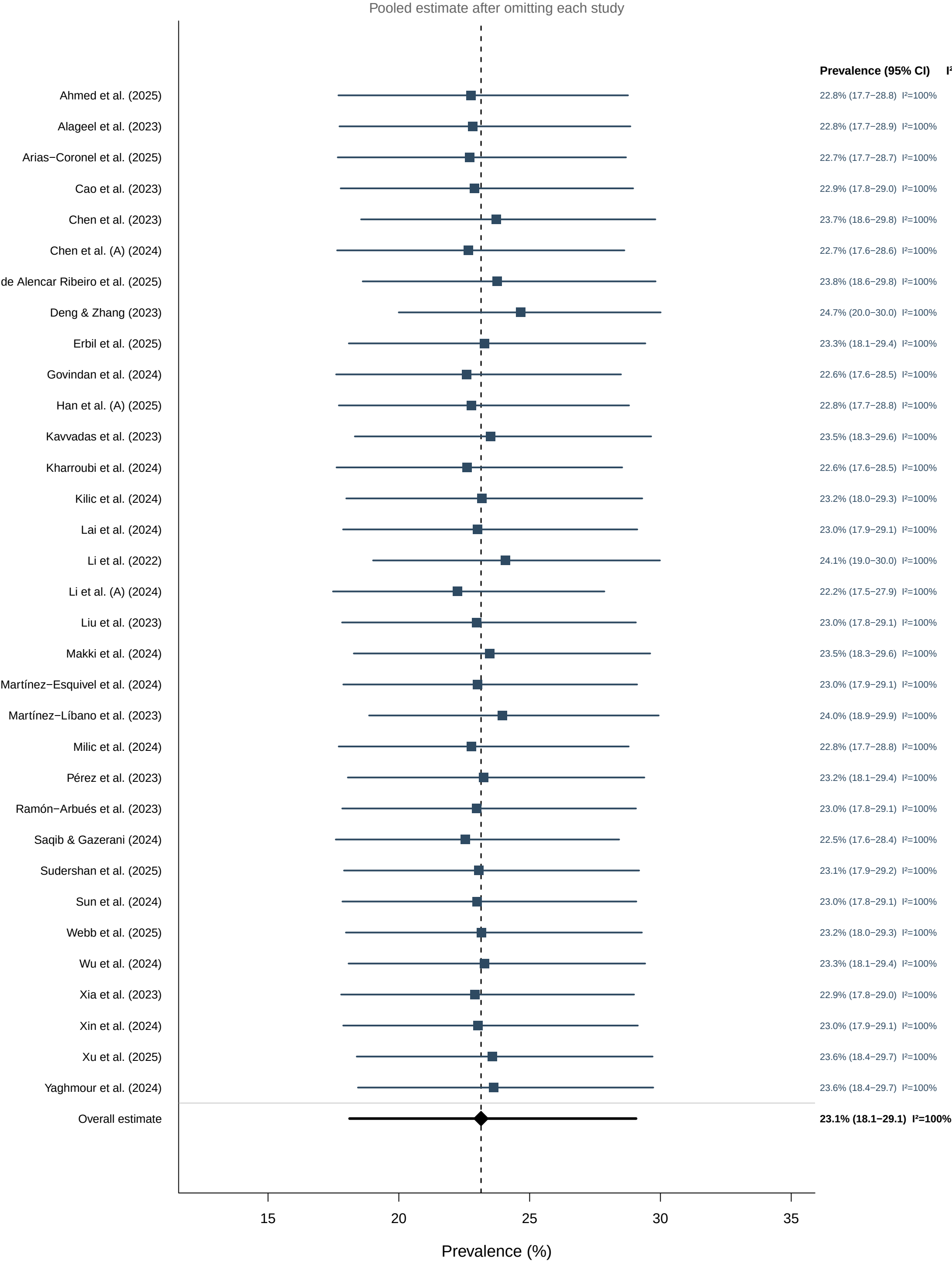


Figure 9C: Subgroup Analysis – Mild Anxiety Prevalence

Stratified by study characteristics

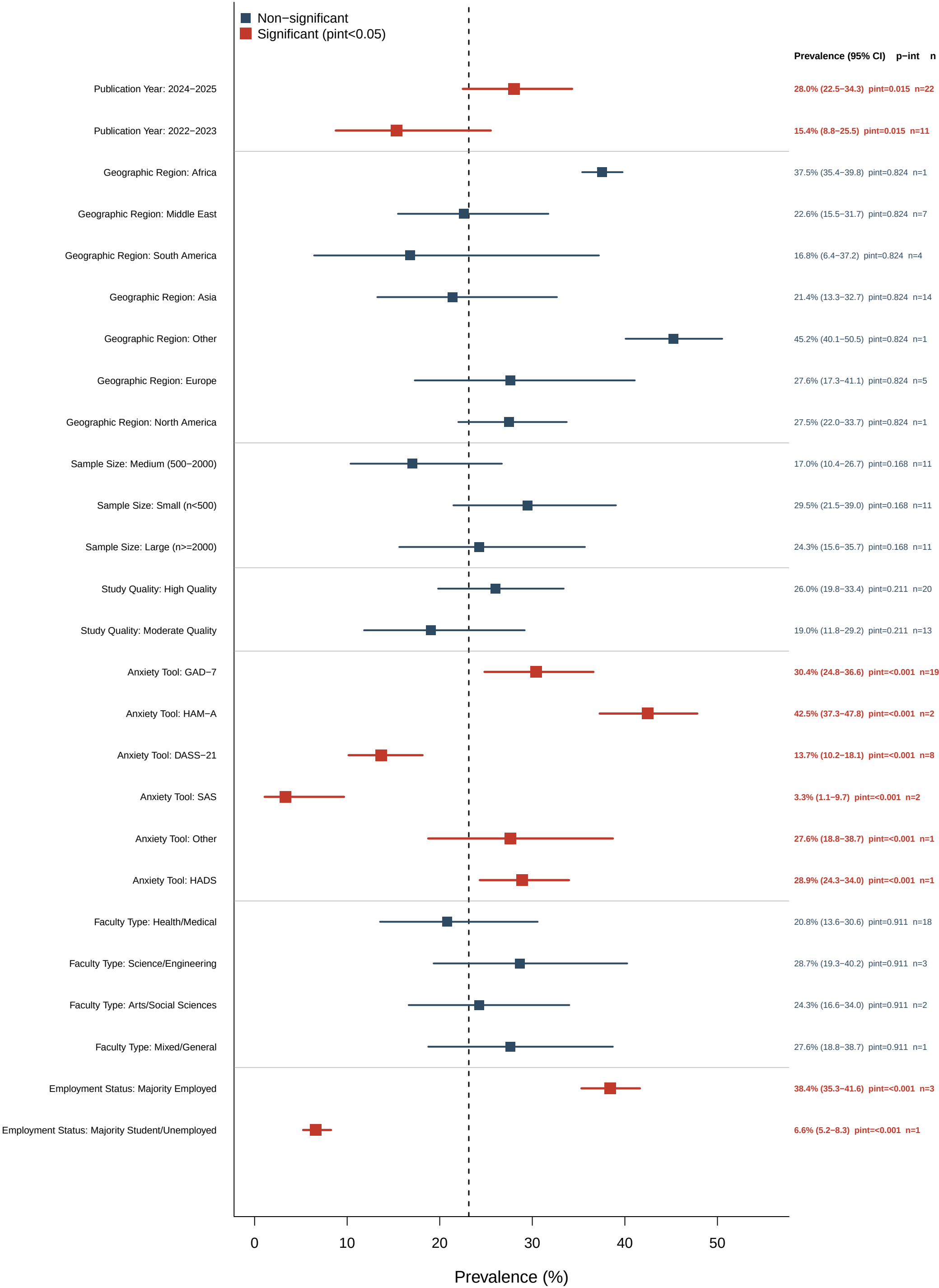


Figure 9D: Meta-Regression Analysis

Mild Anxiety Prevalence

Effect of baseline covariates on prevalence (univariate analysis)

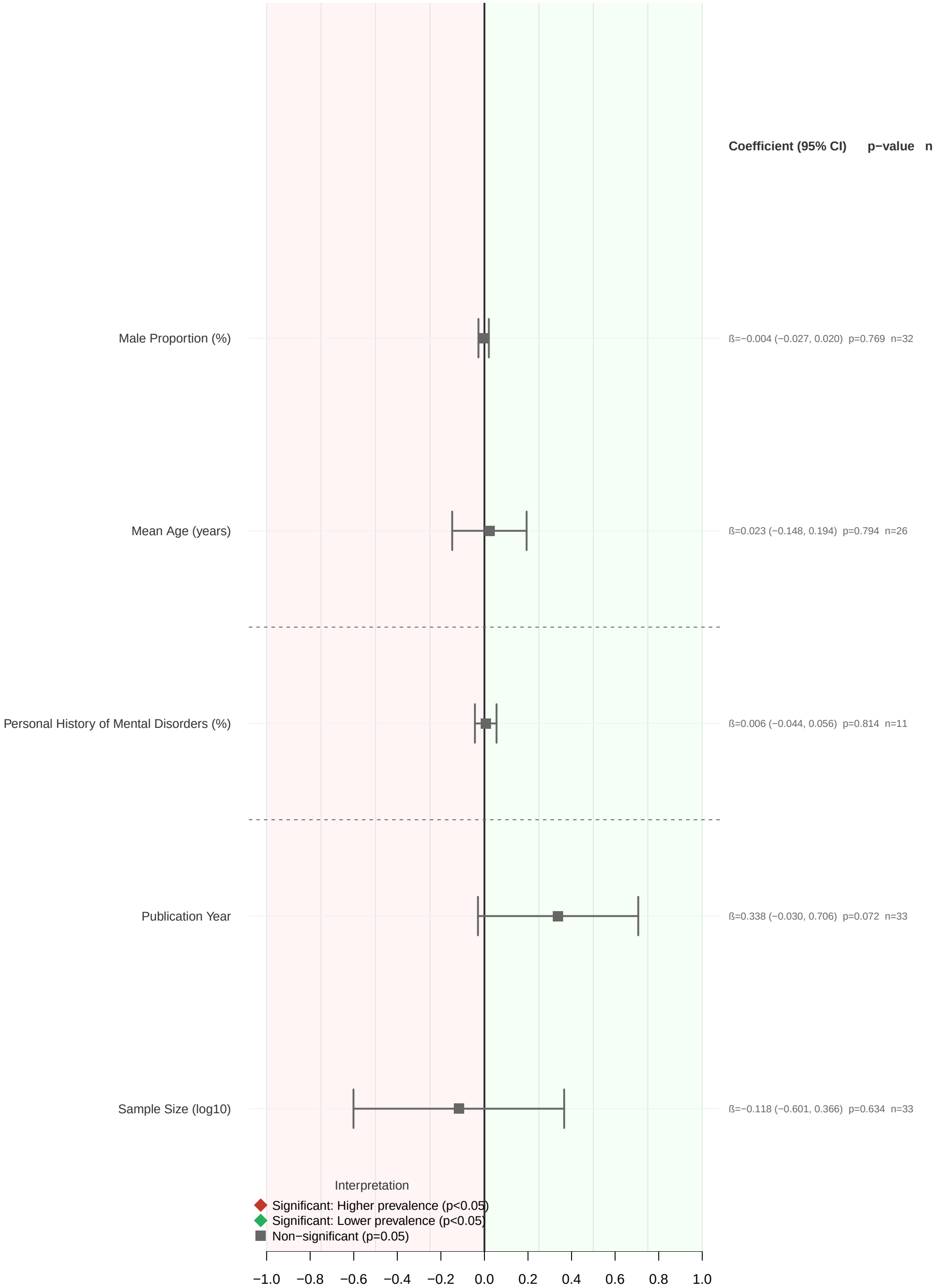


Figure 9E: Funnel Plot – Mild Anxiety Prevalence
Egger's test p = 0.013 (Asymmetry detected)

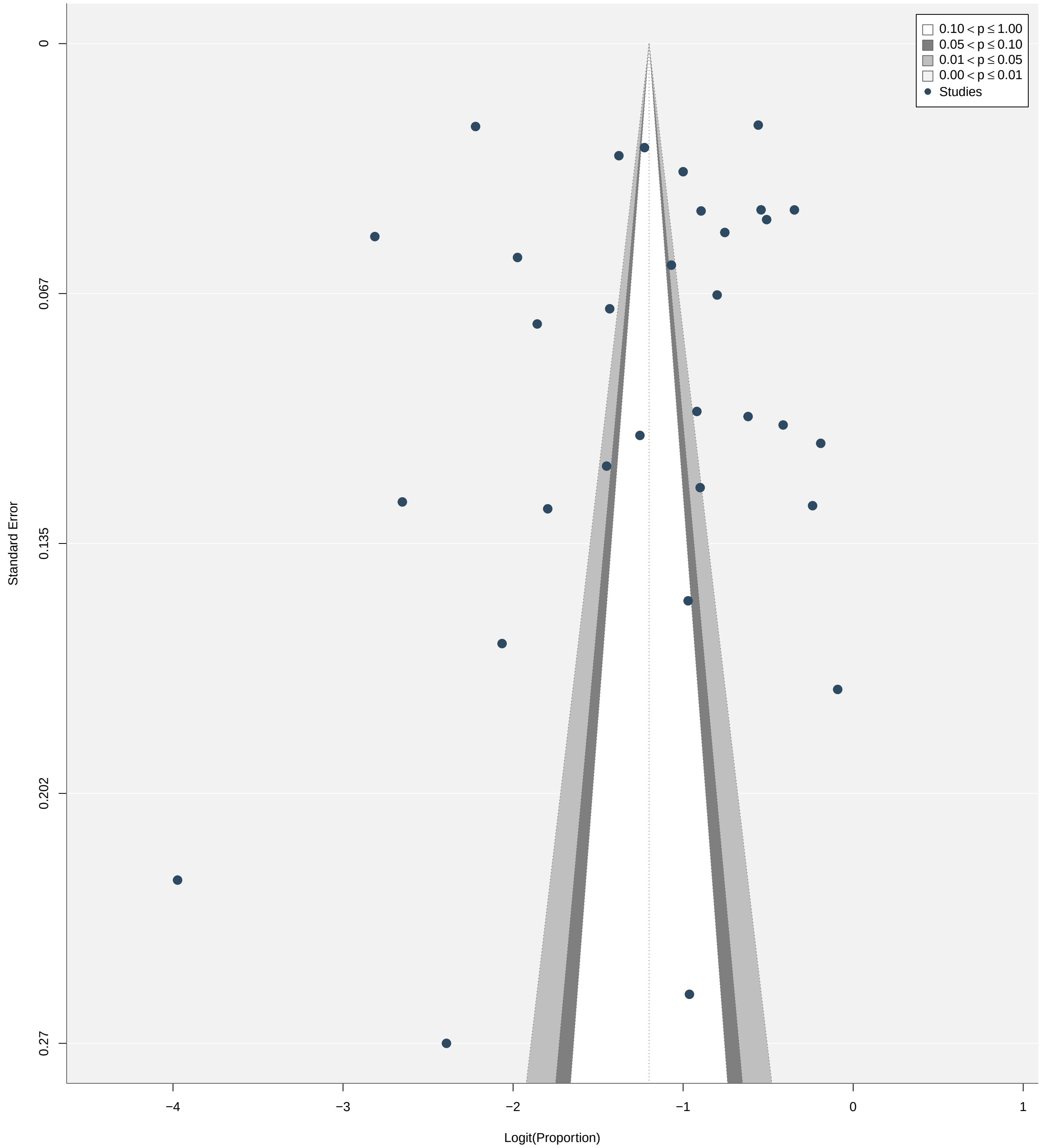


Figure 10A: Forest Plot – Moderate Anxiety Prevalence

N = 32 studies

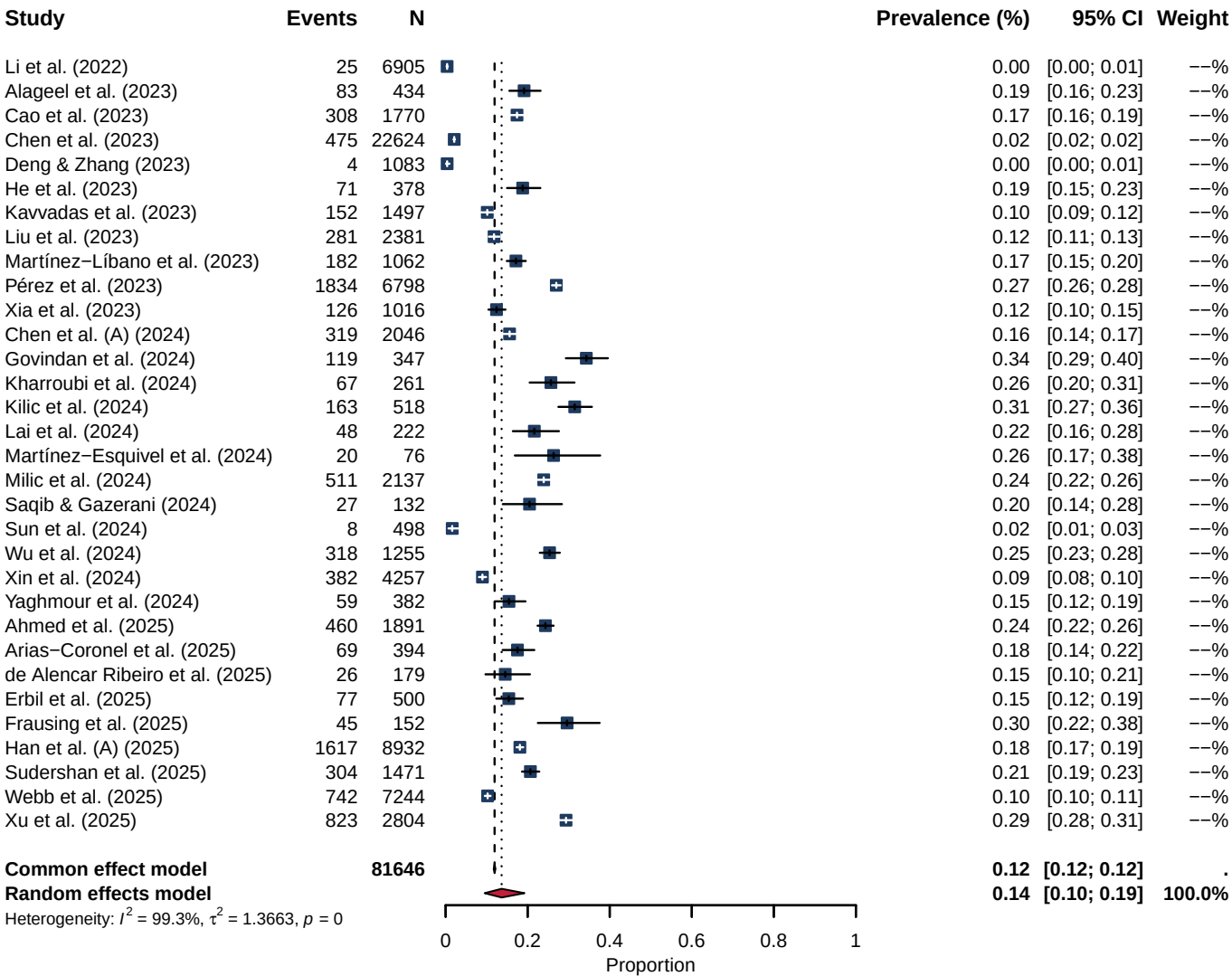


Figure 10B: Leave-One-Out Analysis – Moderate Anxiety Prevalence

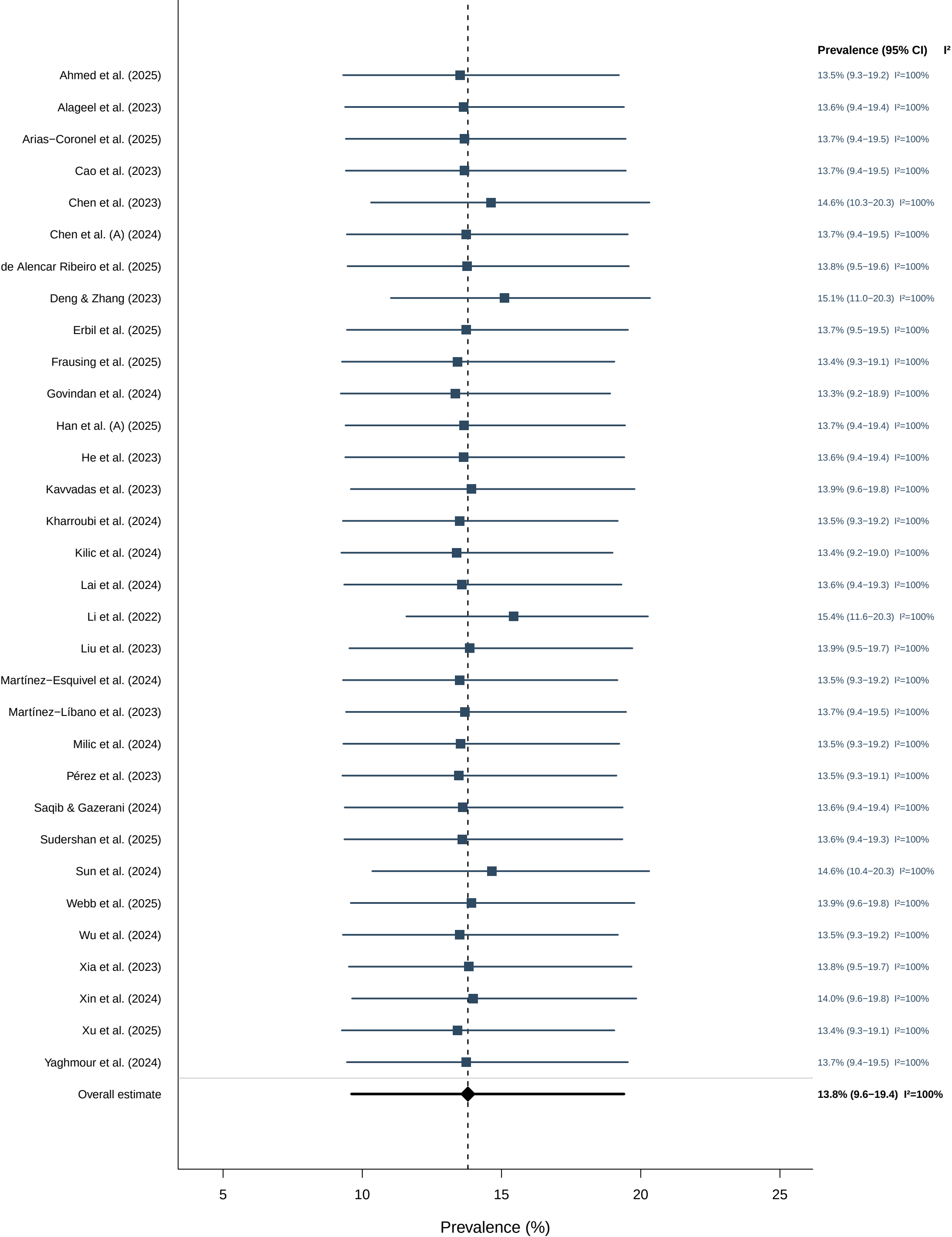


Figure 10C: Subgroup Analysis – Moderate Anxiety Prevalence

Stratified by study characteristics

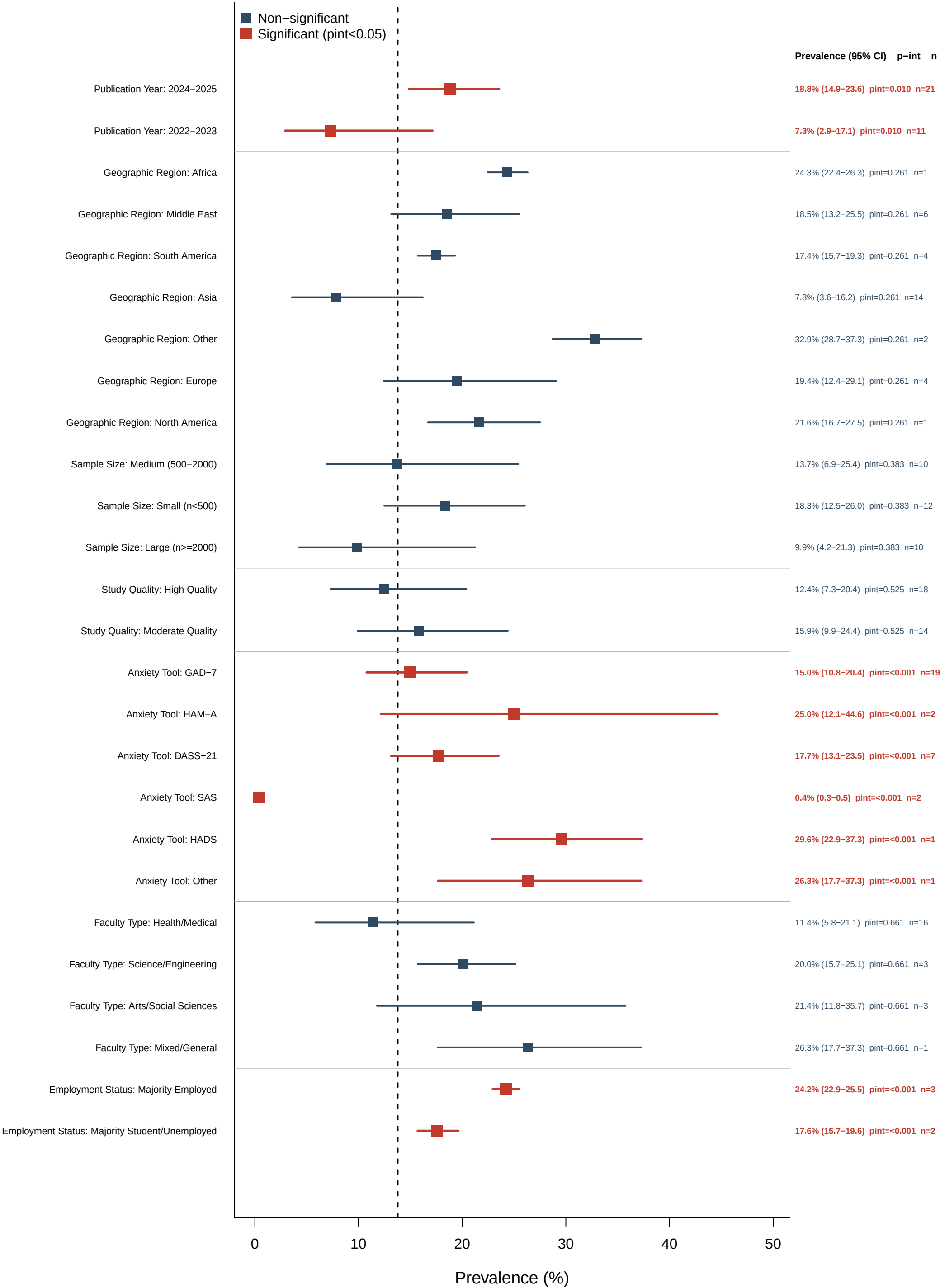


Figure 10D: Meta-Regression Analysis

Moderate Anxiety Prevalence

Effect of baseline covariates on prevalence (univariate analysis)

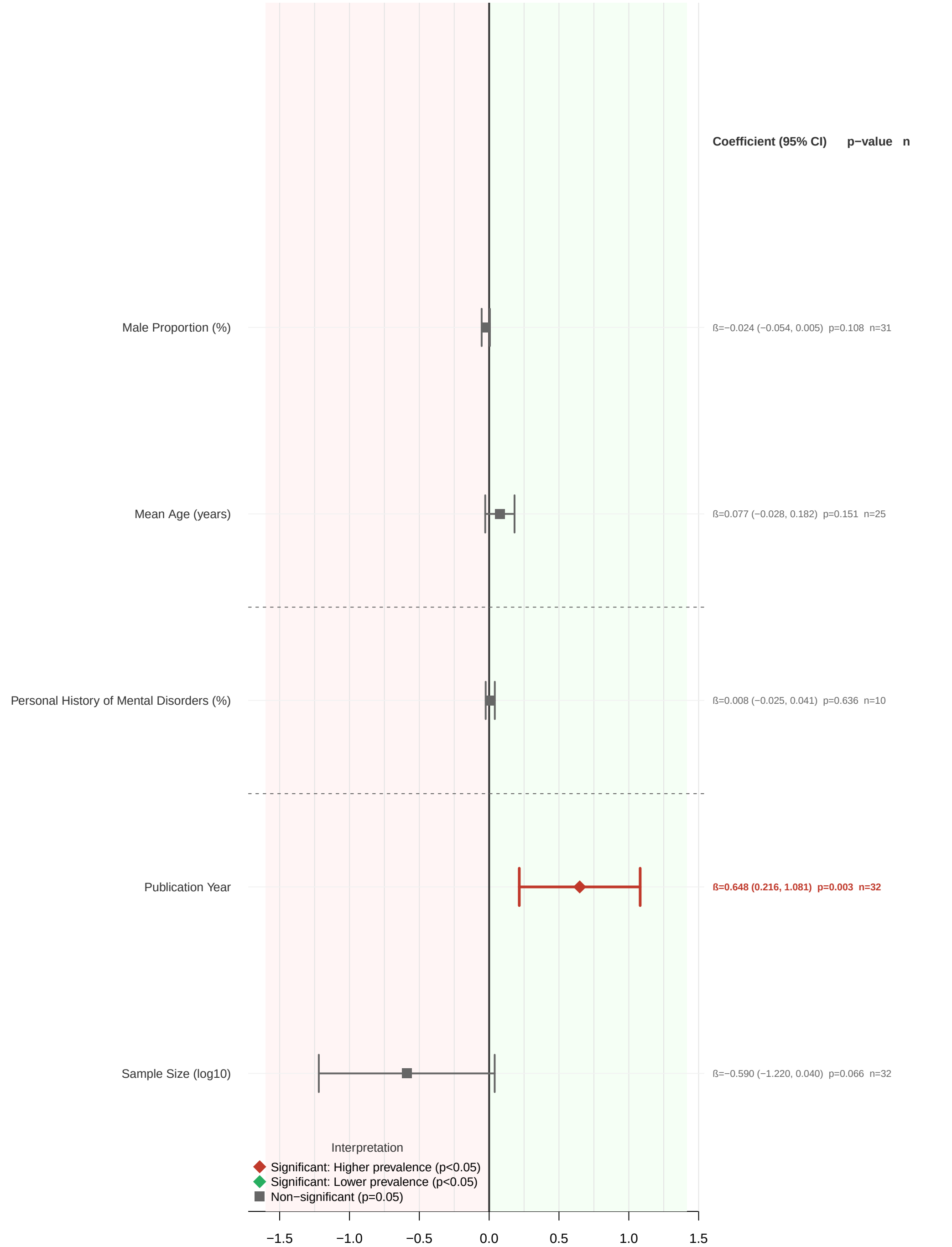


Figure 10E: Funnel Plot – Moderate Anxiety Prevalence
Egger's test p = 0.438 (No asymmetry)

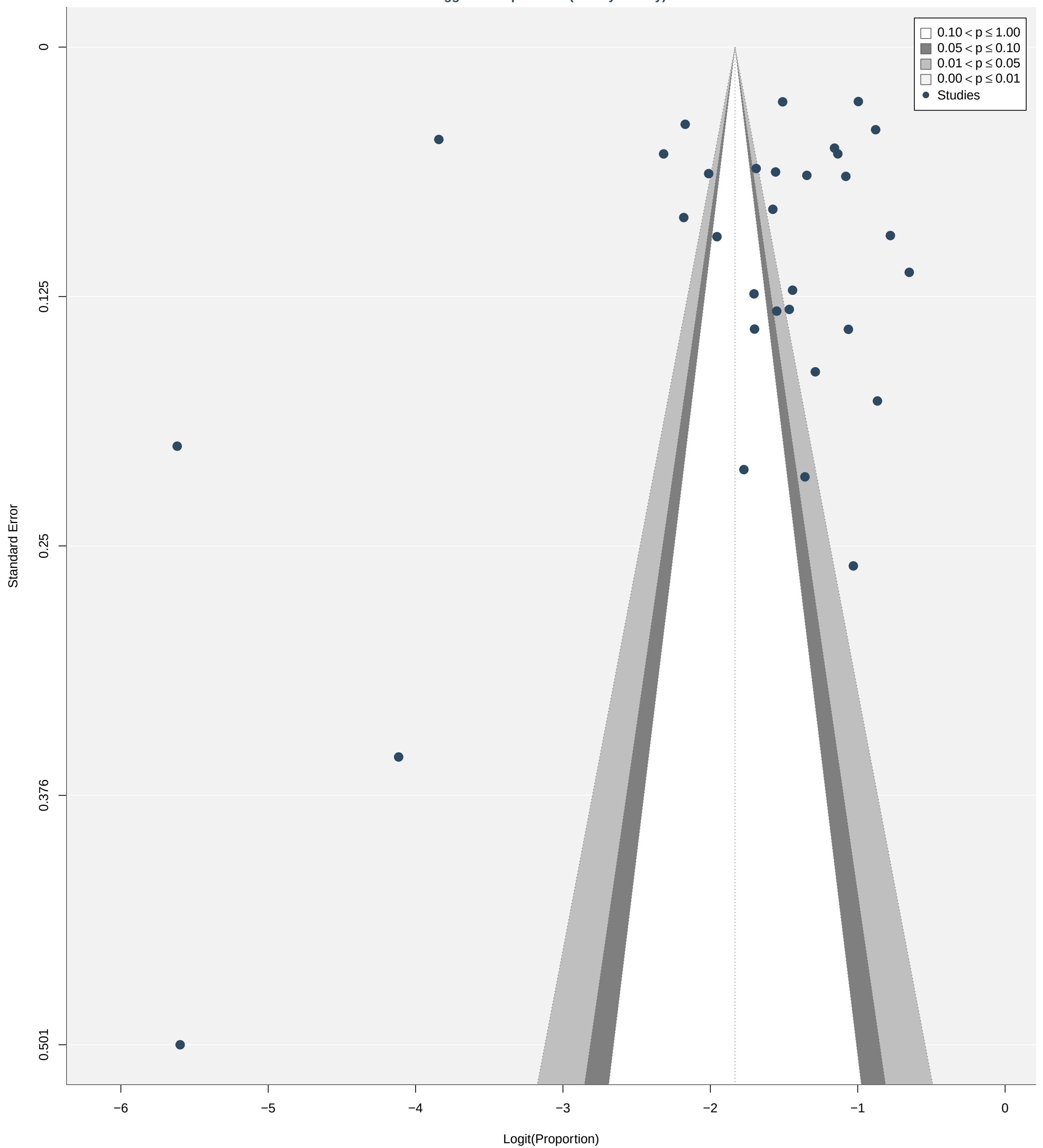


Figure 11A: Forest Plot – Severe Anxiety Prevalence
N = 33 studies

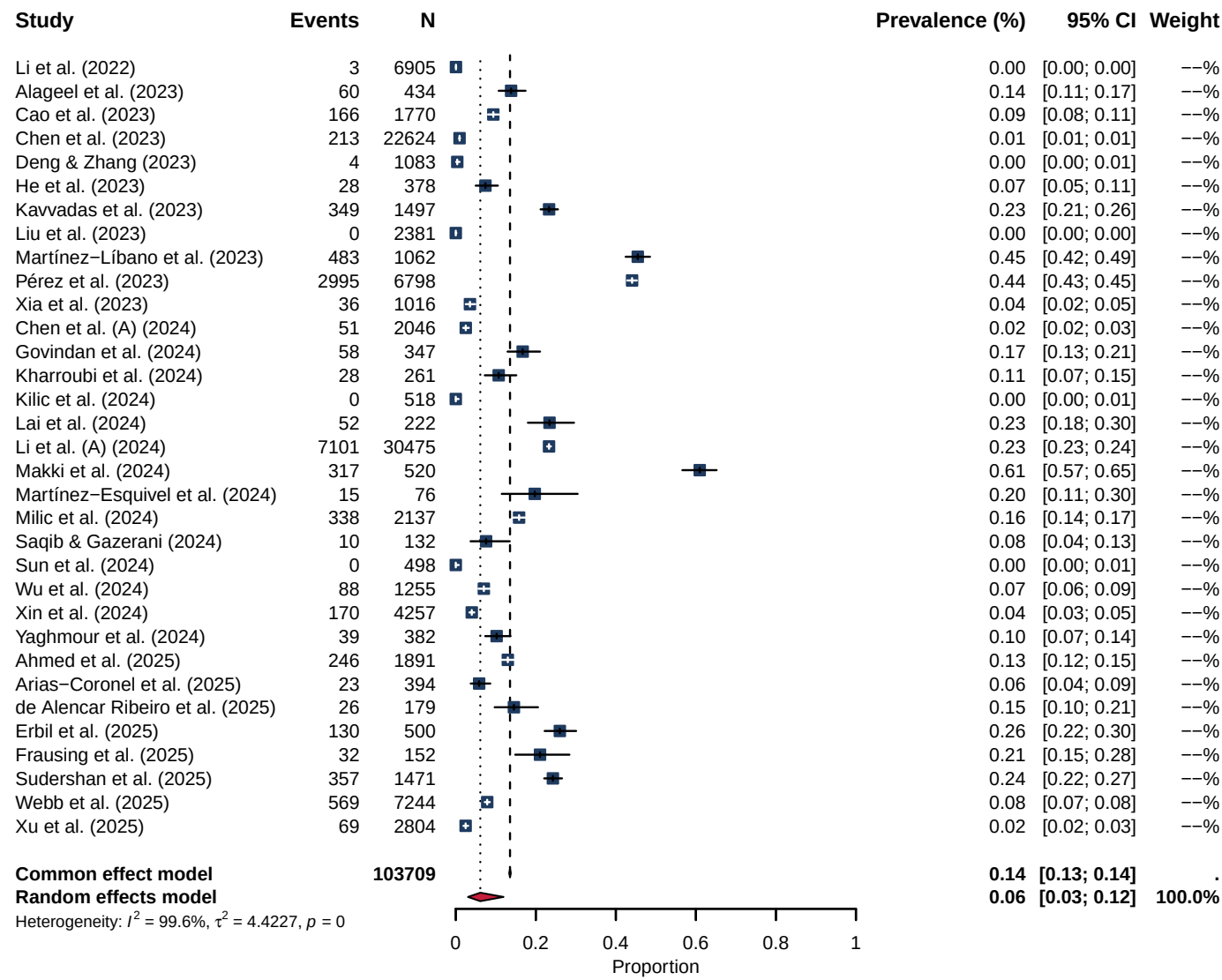


Figure 11B: Leave-One-Out Analysis – Severe Anxiety Prevalence

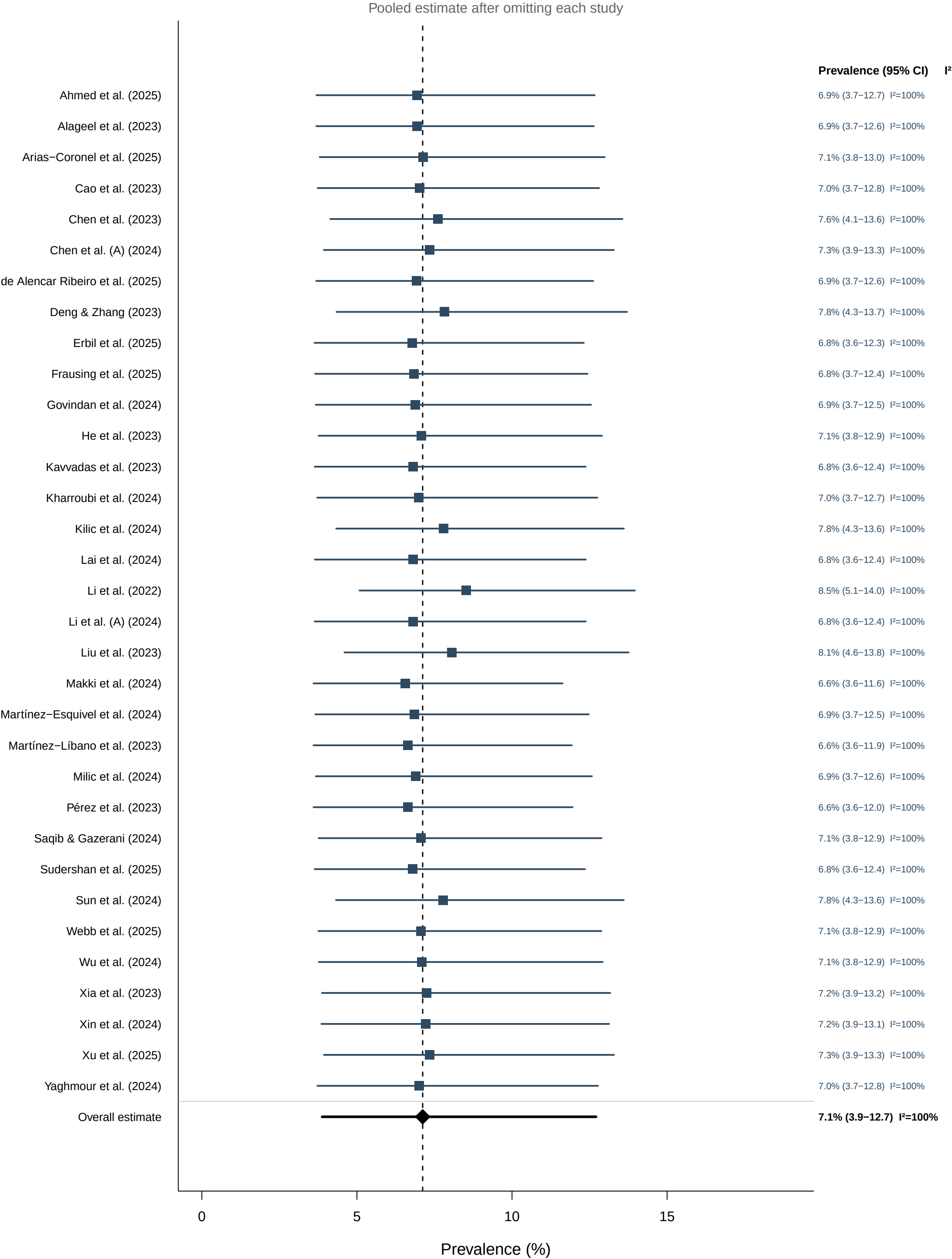


Figure 11C: Subgroup Analysis – Severe Anxiety Prevalence

Stratified by study characteristics

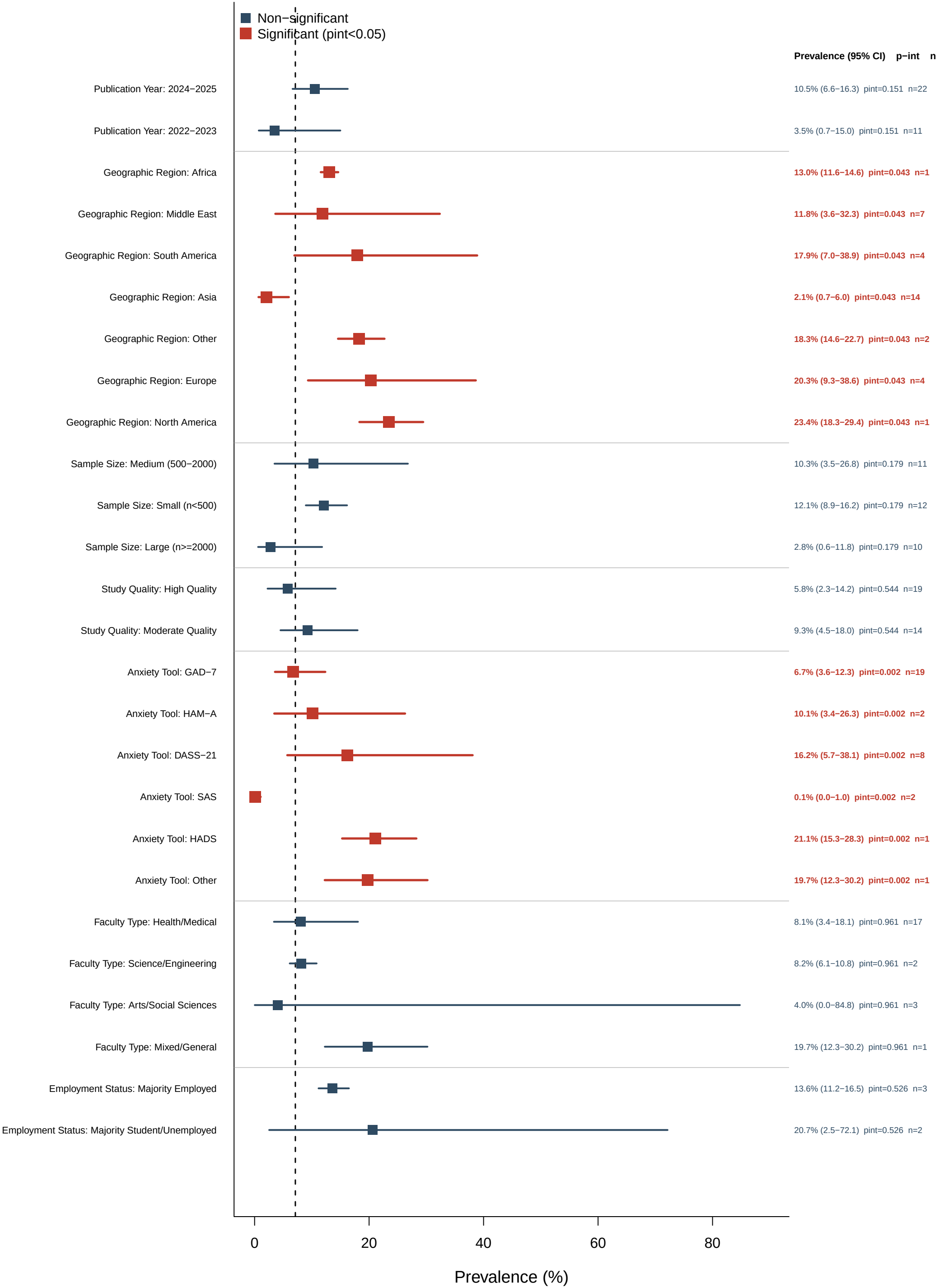


Figure 11D: Meta-Regression Analysis

Severe Anxiety Prevalence

Effect of baseline covariates on prevalence (univariate analysis)

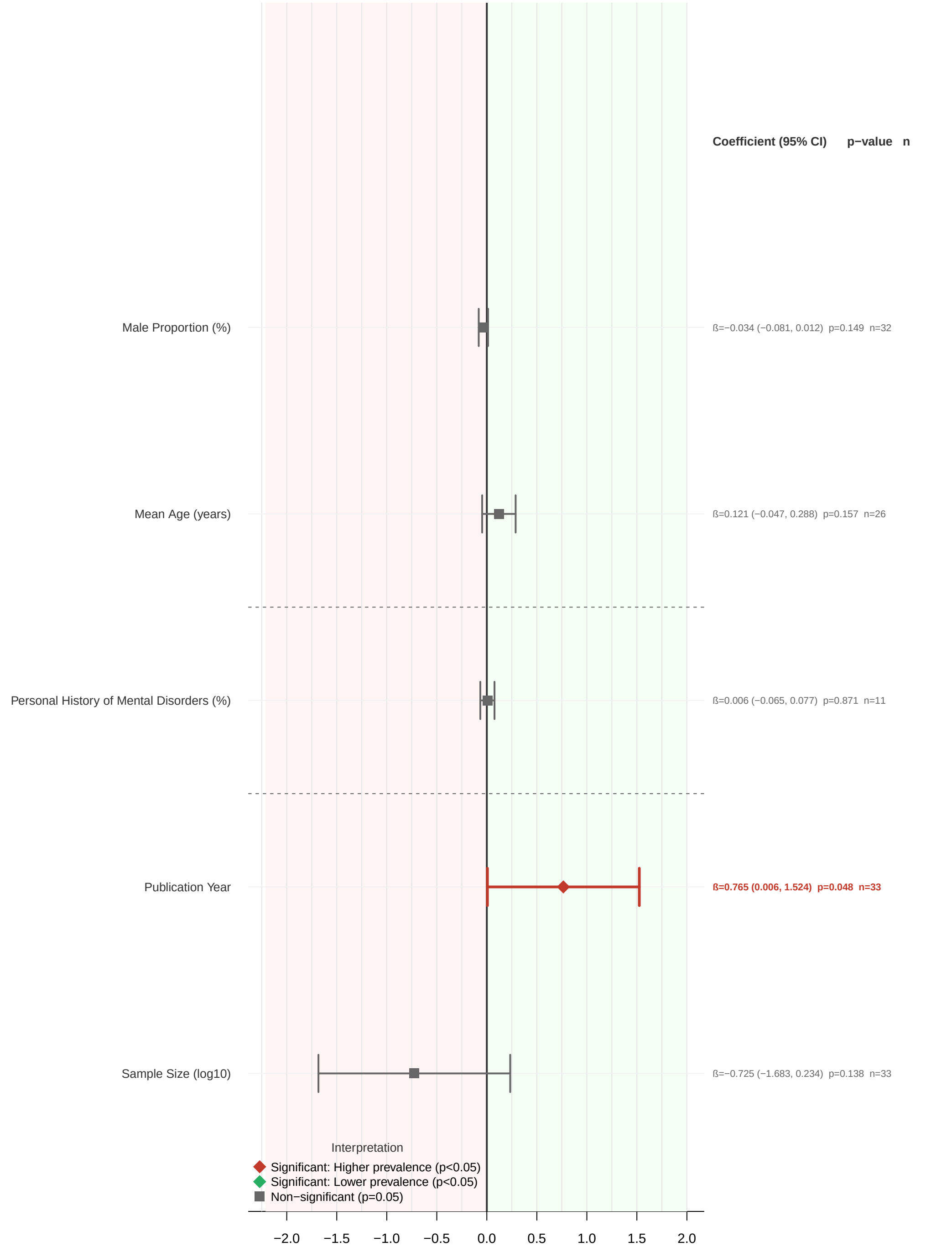


Figure 11E: Funnel Plot – Severe Anxiety Prevalence
Egger's test p = 0.0135 (Asymmetry detected)

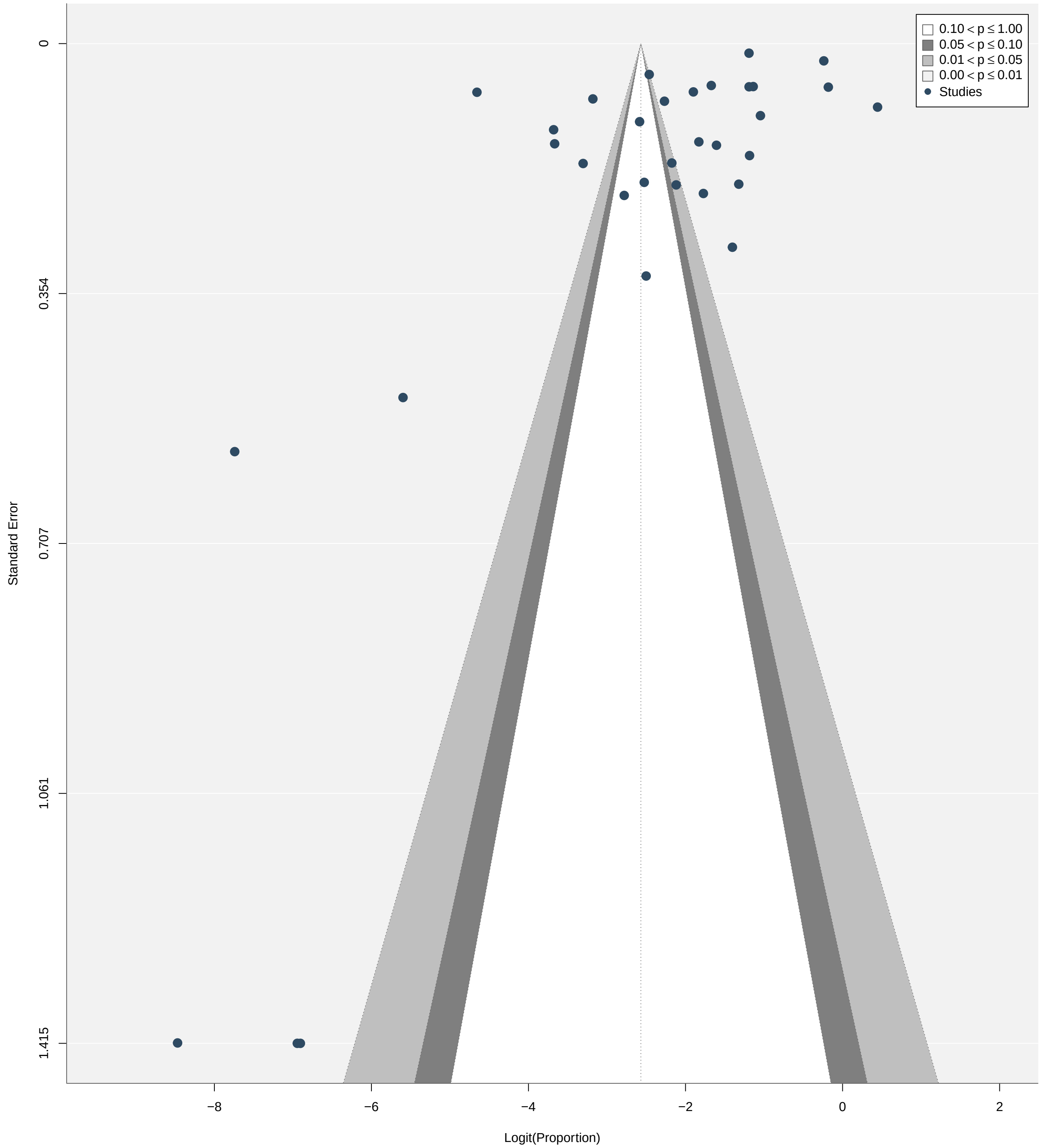


Figure 12A: Forest Plot – High Perceived Stress Prevalence

N = 19 studies

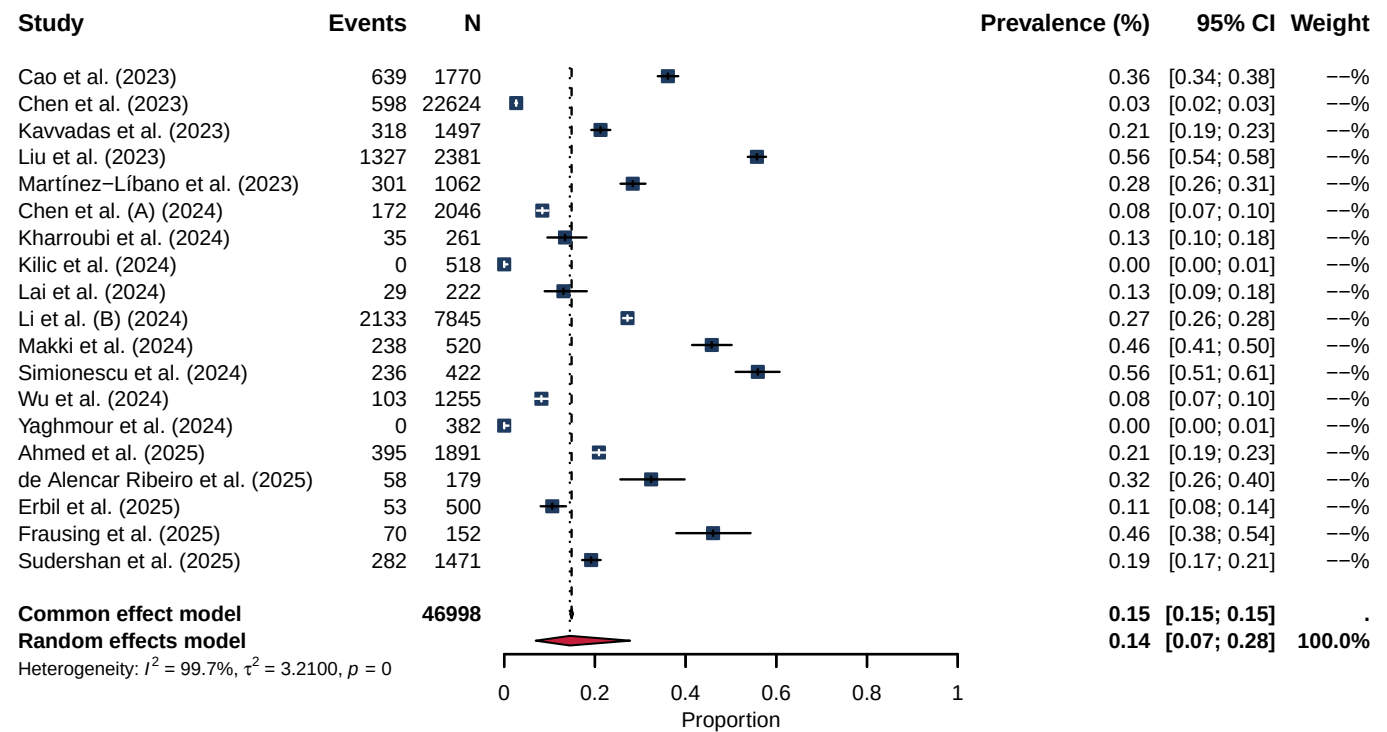


Figure 12B: Leave-One-Out Analysis – High Perceived Stress Prevalence

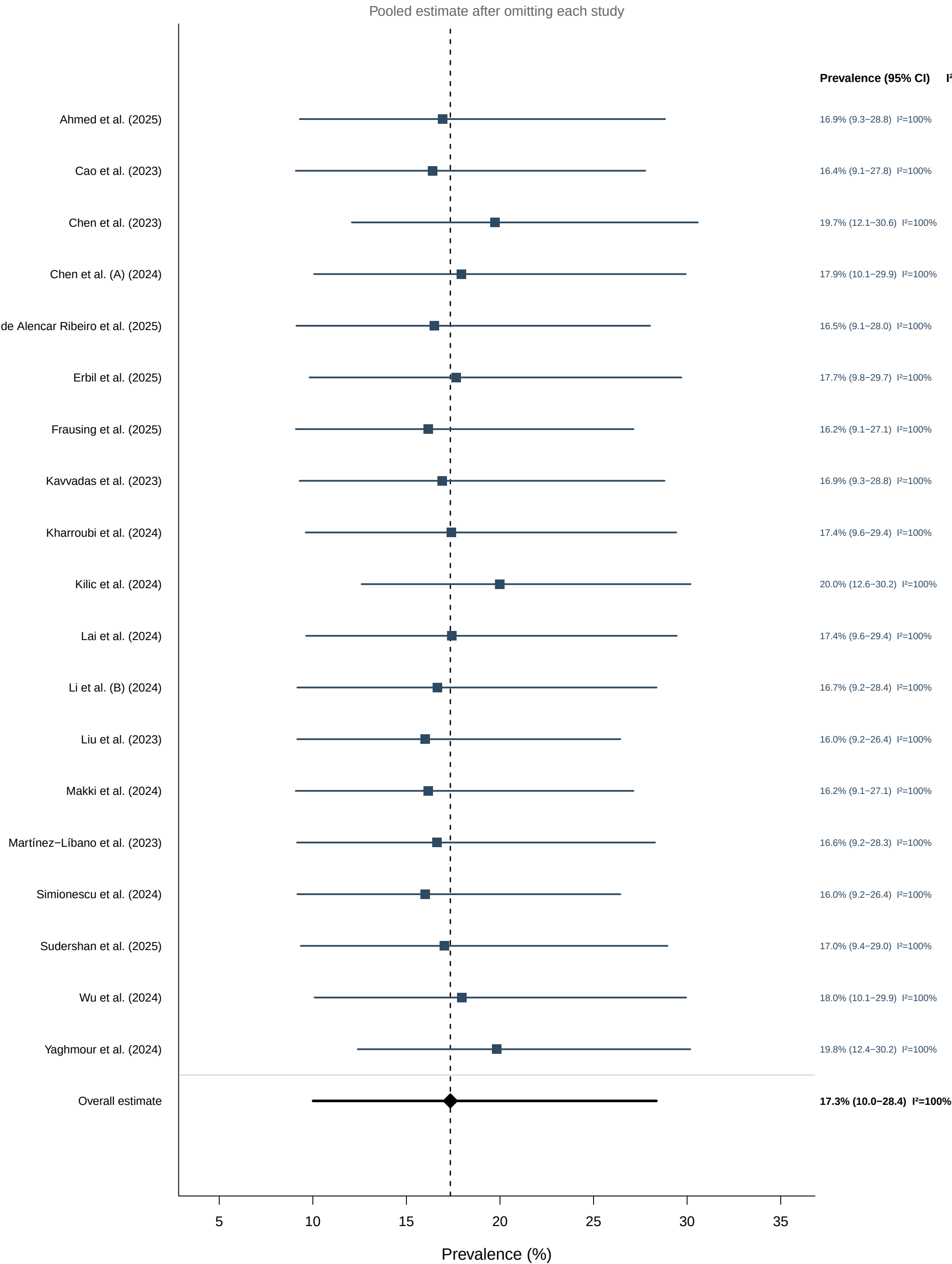


Figure 12C: Subgroup Analysis – High Perceived Stress Prevalence

Stratified by study characteristics

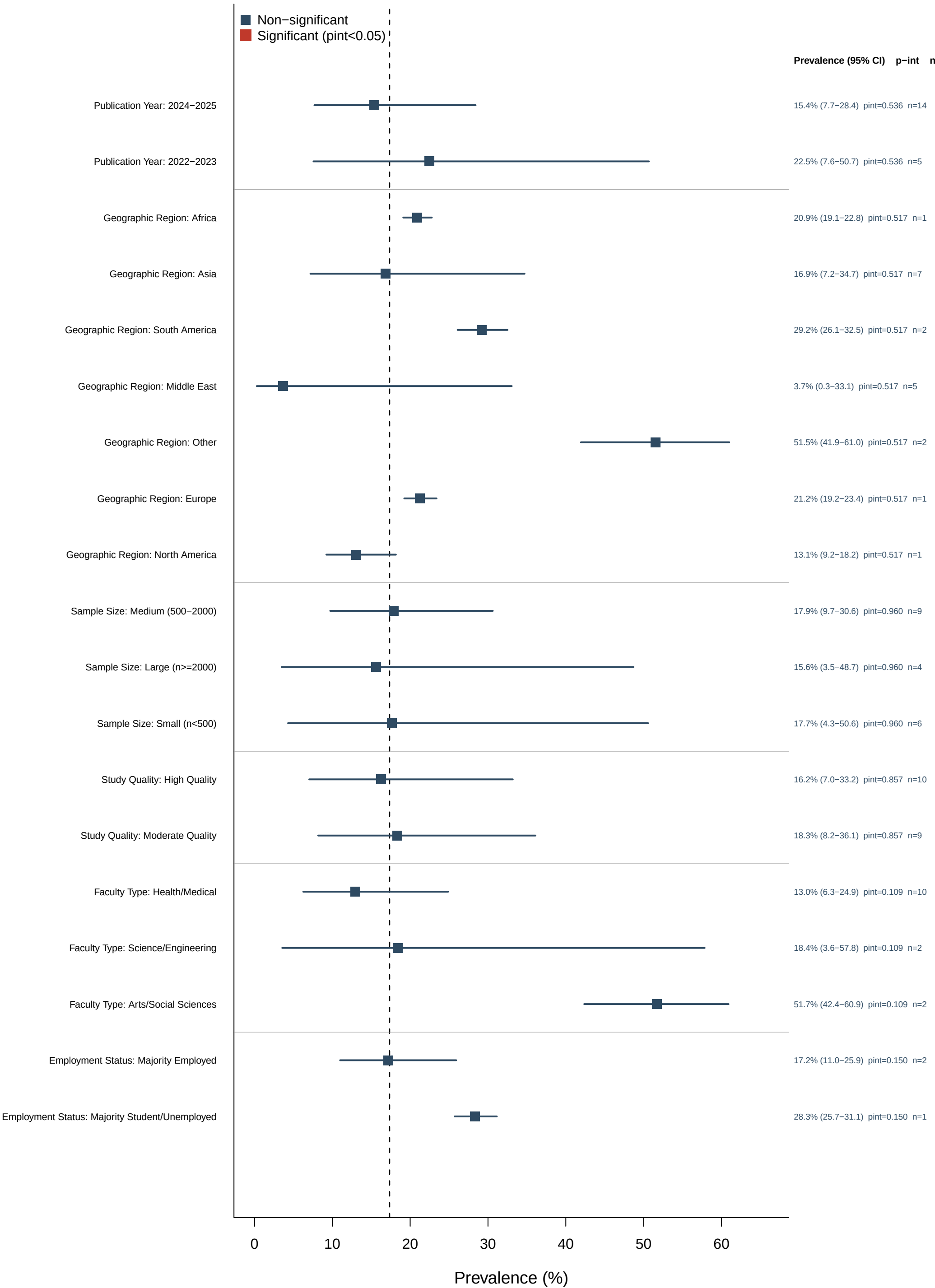


Figure 12D: Meta-Regression Analysis
High Perceived Stress Prevalence

Effect of baseline covariates on prevalence (univariate analysis)

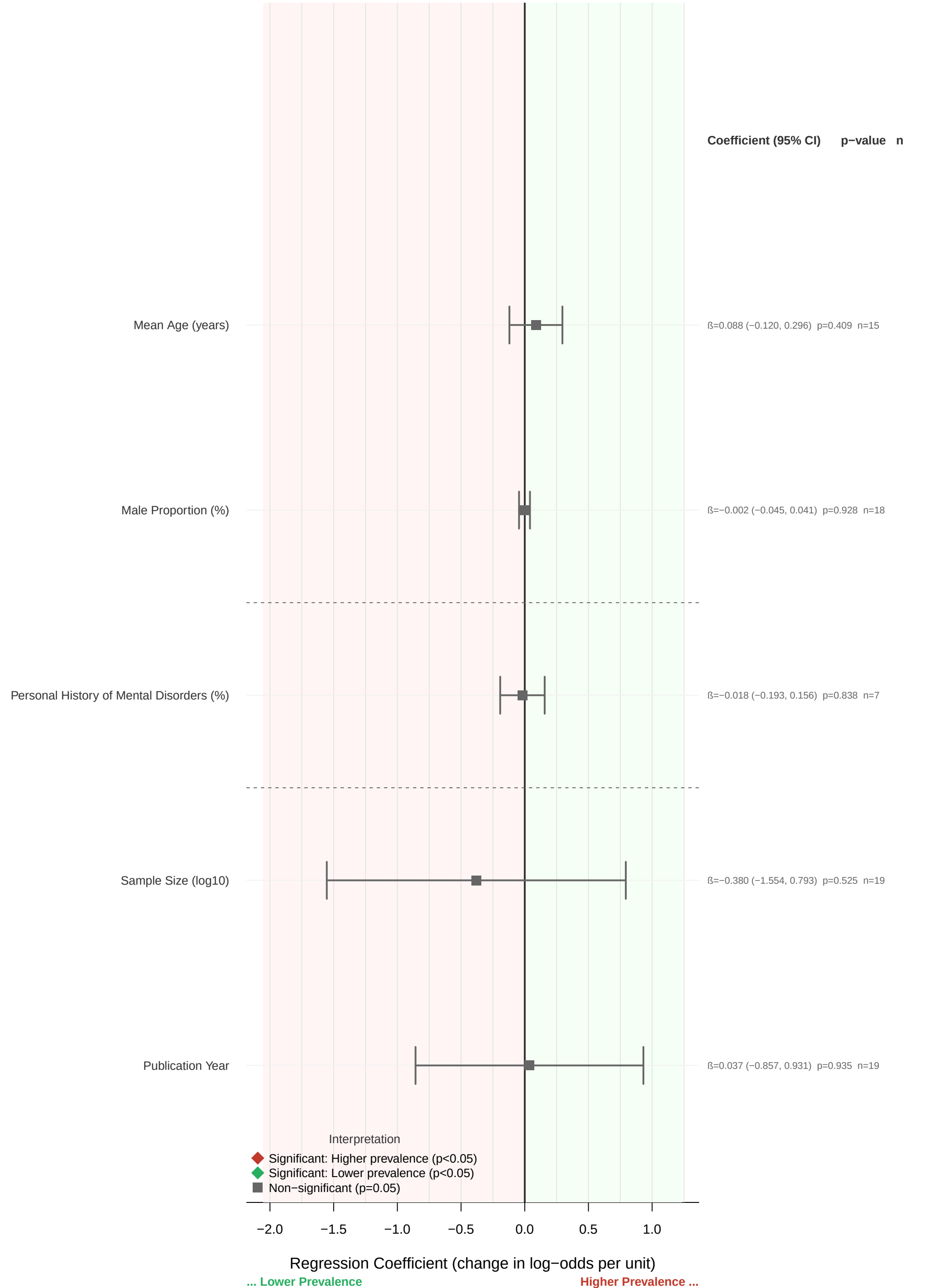
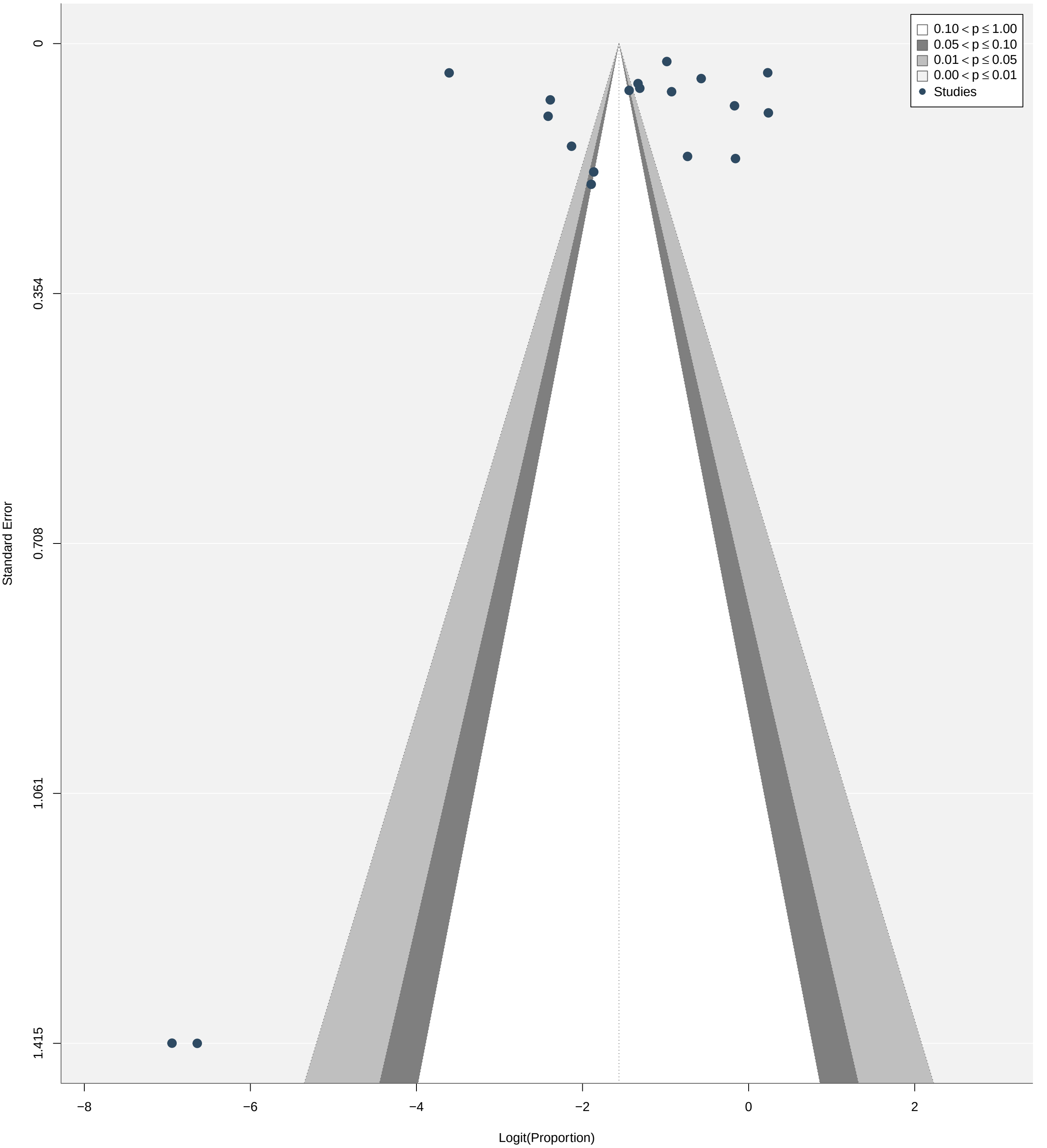


Figure 12E: Funnel Plot – High Perceived Stress Prevalence
Egger's test p = 0.763 (No asymmetry)



ANALYSIS COMPLETE

Single-Arm Meta-Analysis of Proportions

Outcomes Analyzed:

Depression Prevalence | Anxiety Prevalence | Stress Prevalence

Mild/Moderate/Severe Depression | Mild/Moderate/Severe Anxiety | High Stress

For Each Outcome:

A: Forest Plot (Common + Random Effects, Pooled Proportion)

B: Leave-One-Out Sensitivity Analysis

C: Subgroup Analysis (Region, Year, Sample Size, Tools)

D: Meta-Regression (Year, Sample Size)

E: Funnel Plot with Egger's Test

Total Studies: ~63 | Total Participants: N = 216,060