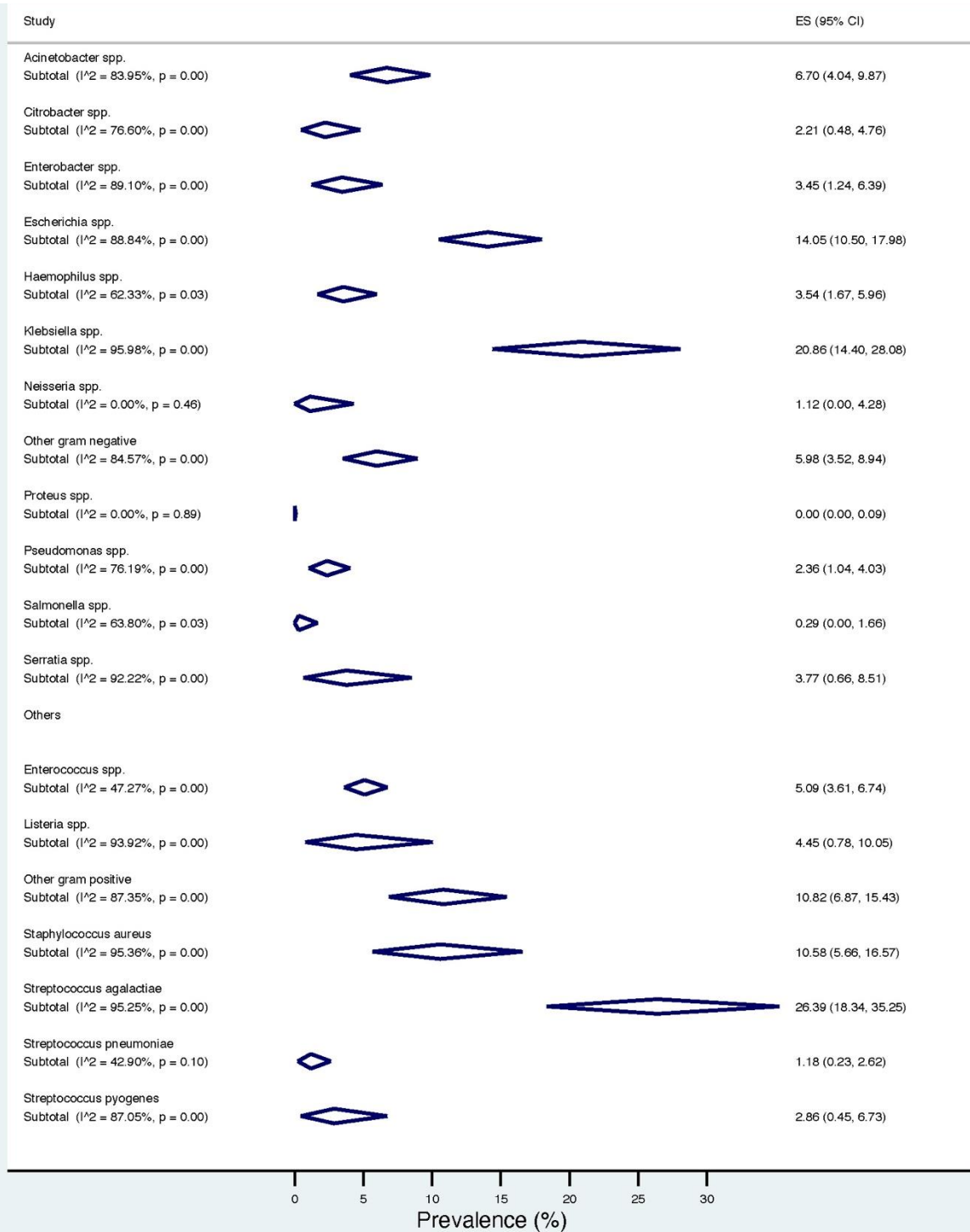


Supplemental Digital Content 5: Supplemental Figures S01-S21

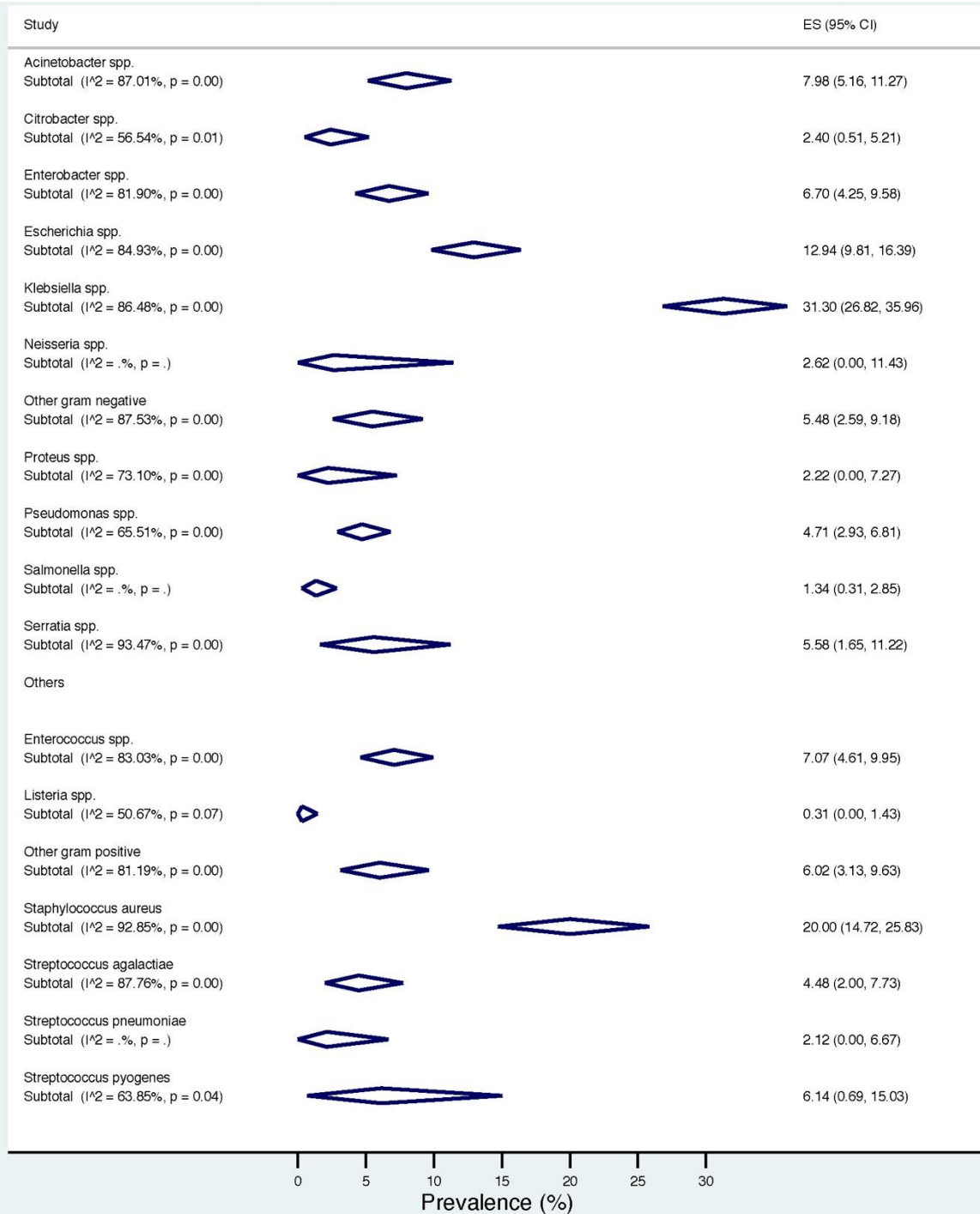
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Meta-analysis of species prevalence in early-onset neonatal sepsis (%)



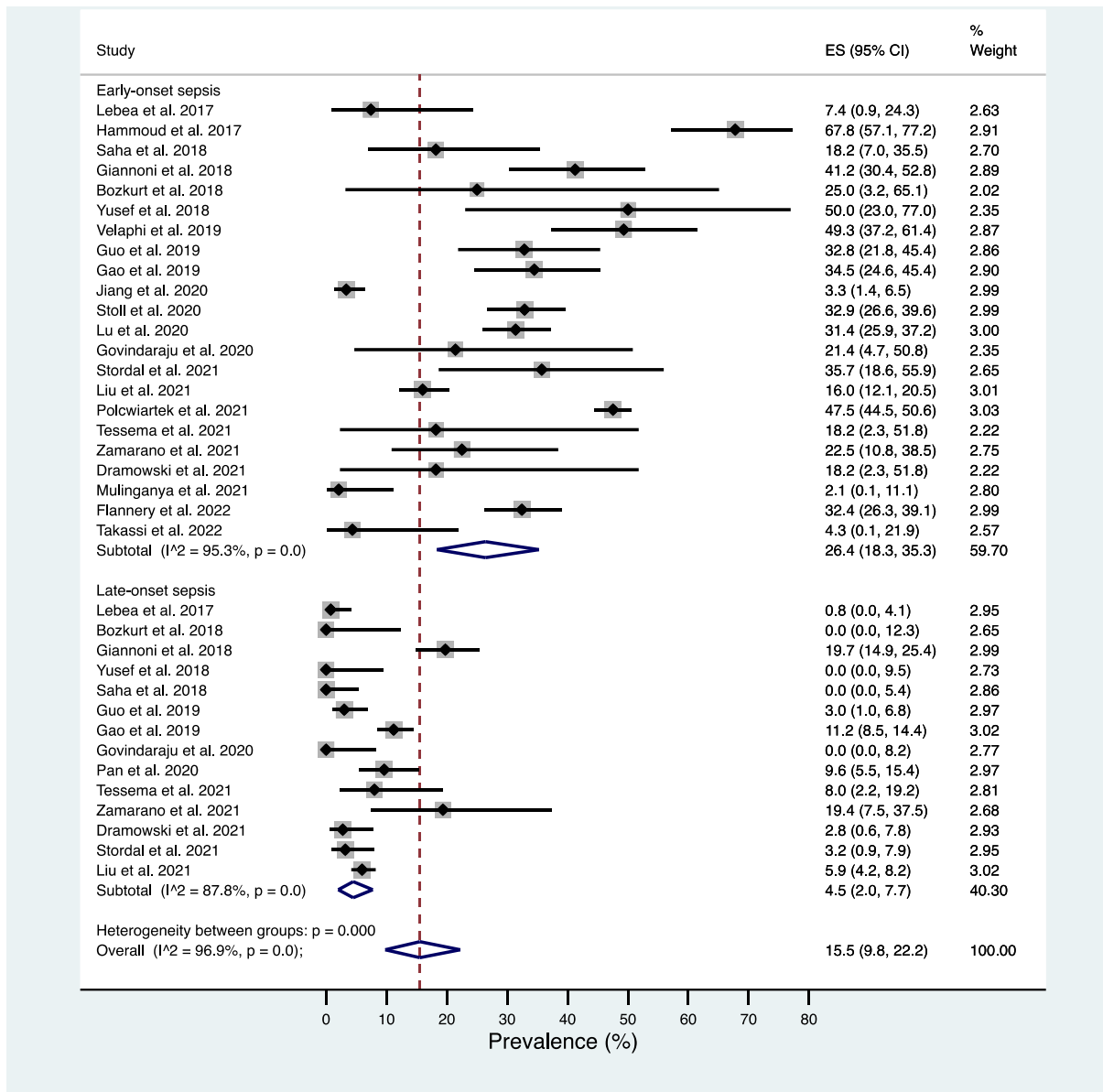
S01. Meta-analysis of pathogen prevalence in Early-onset neonatal sepsis

Meta-analysis of species prevalence in late-onset neonatal sepsis (%)



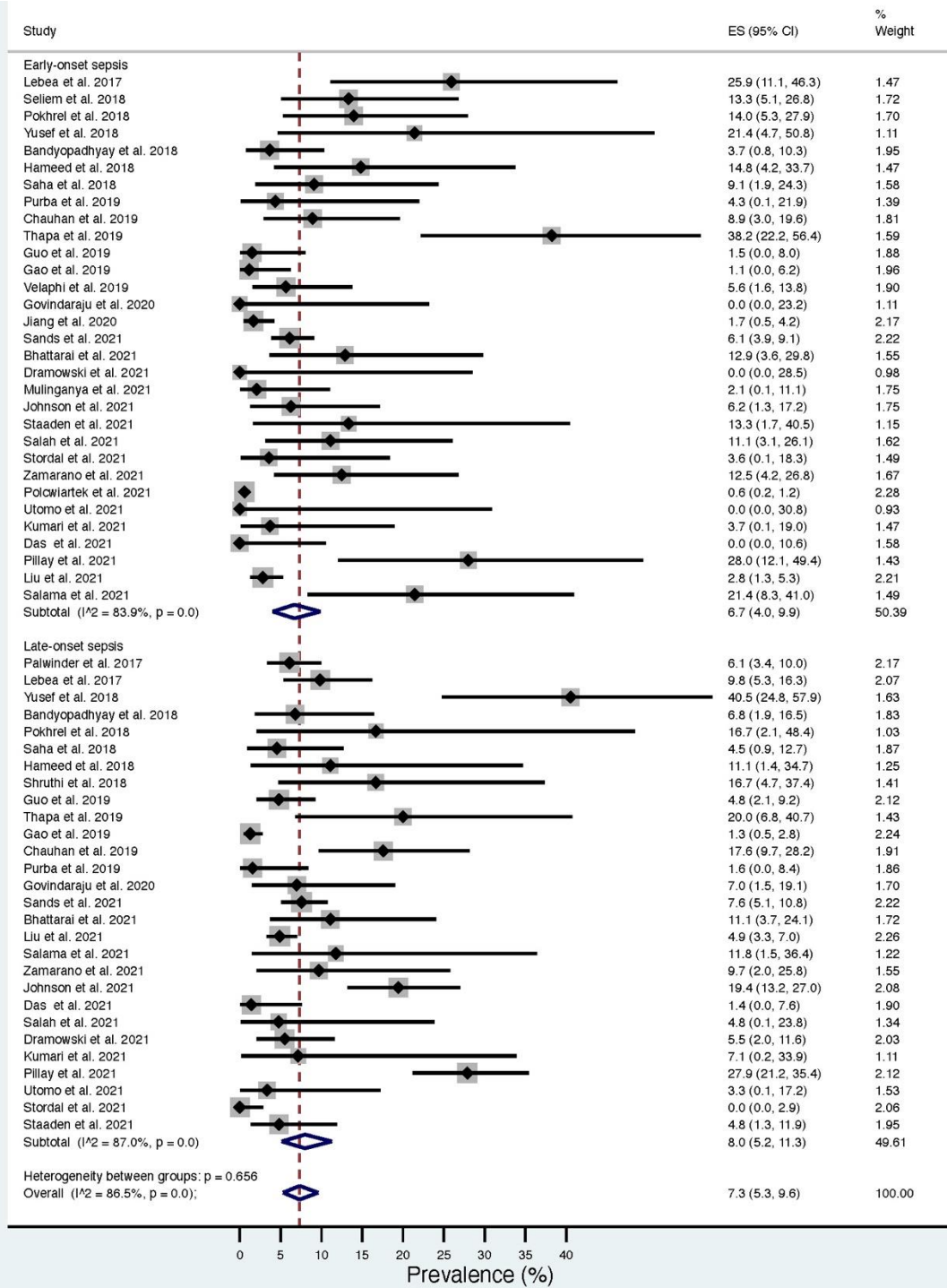
S02. Meta-analysis of pathogen prevalence in Late-onset neonatal sepsis

Meta-analysis of the prevalence of *Streptococcus agalactiae* in early- versus late-onset neonatal sepsis (%)



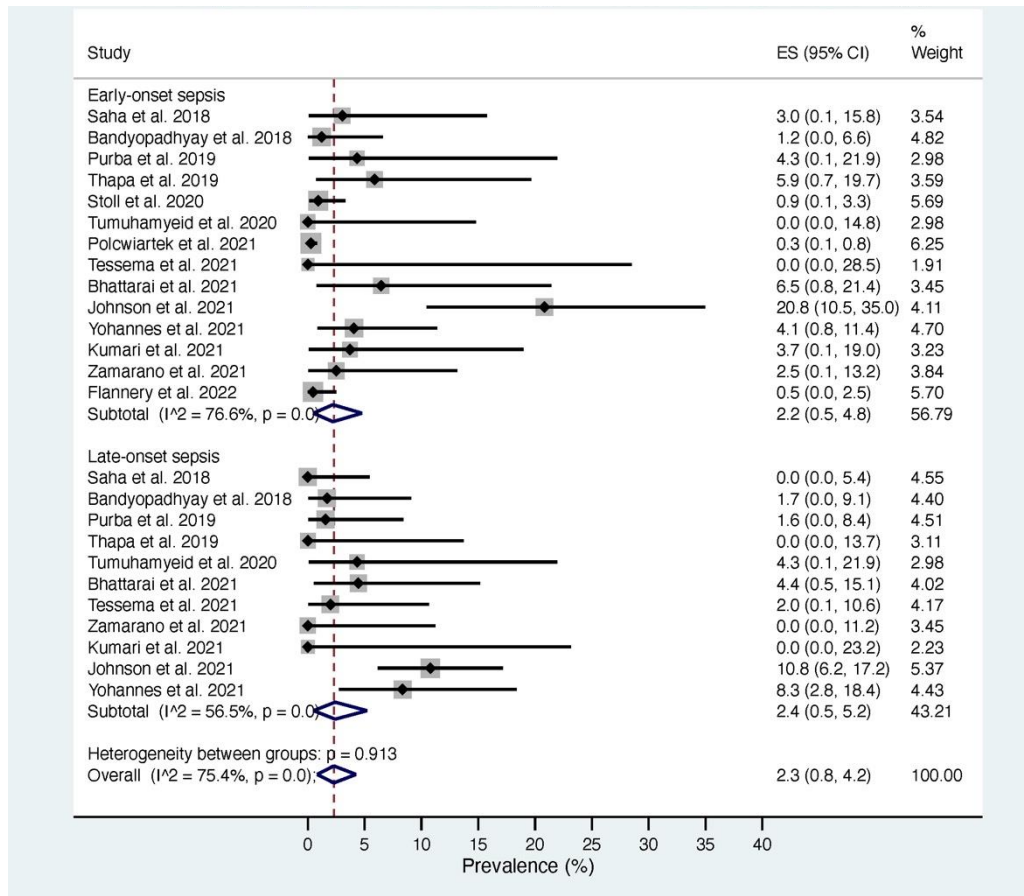
S03. Meta-analysis of *Streptococcus agalactiae* (GBS) prevalence in Early- versus Late-onset neonatal sepsis

Meta-analysis of the prevalence of *Acinetobacter* spp. in early- versus late-onset neonatal sepsis (%)



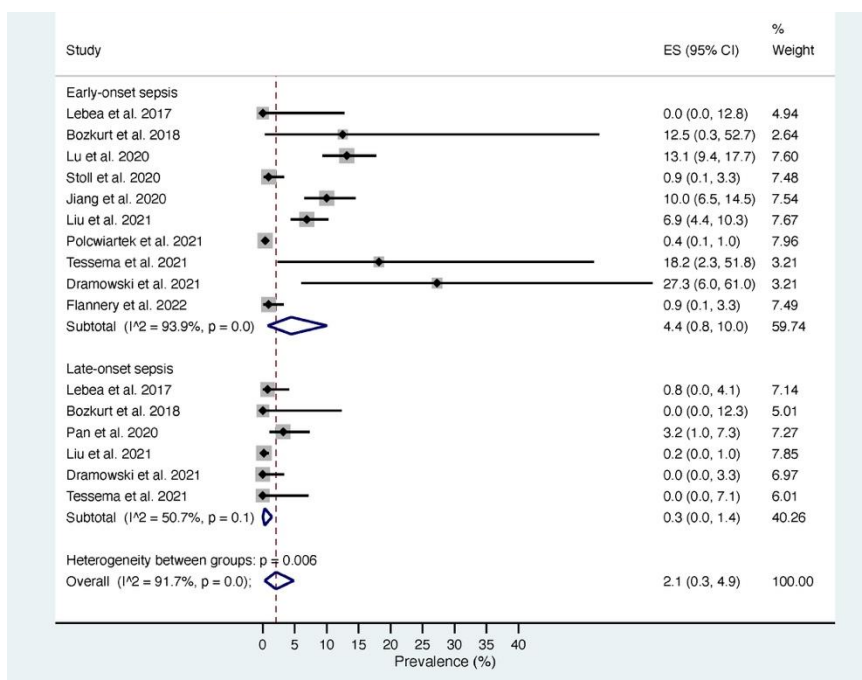
S04. Meta-analysis of *Acinetobacter* spp. prevalence in Early- versus Late-onset neonatal sepsis

Meta-analysis of the prevalence of *Citrobacter* spp. in early- versus late-onset neonatal sepsis (%)



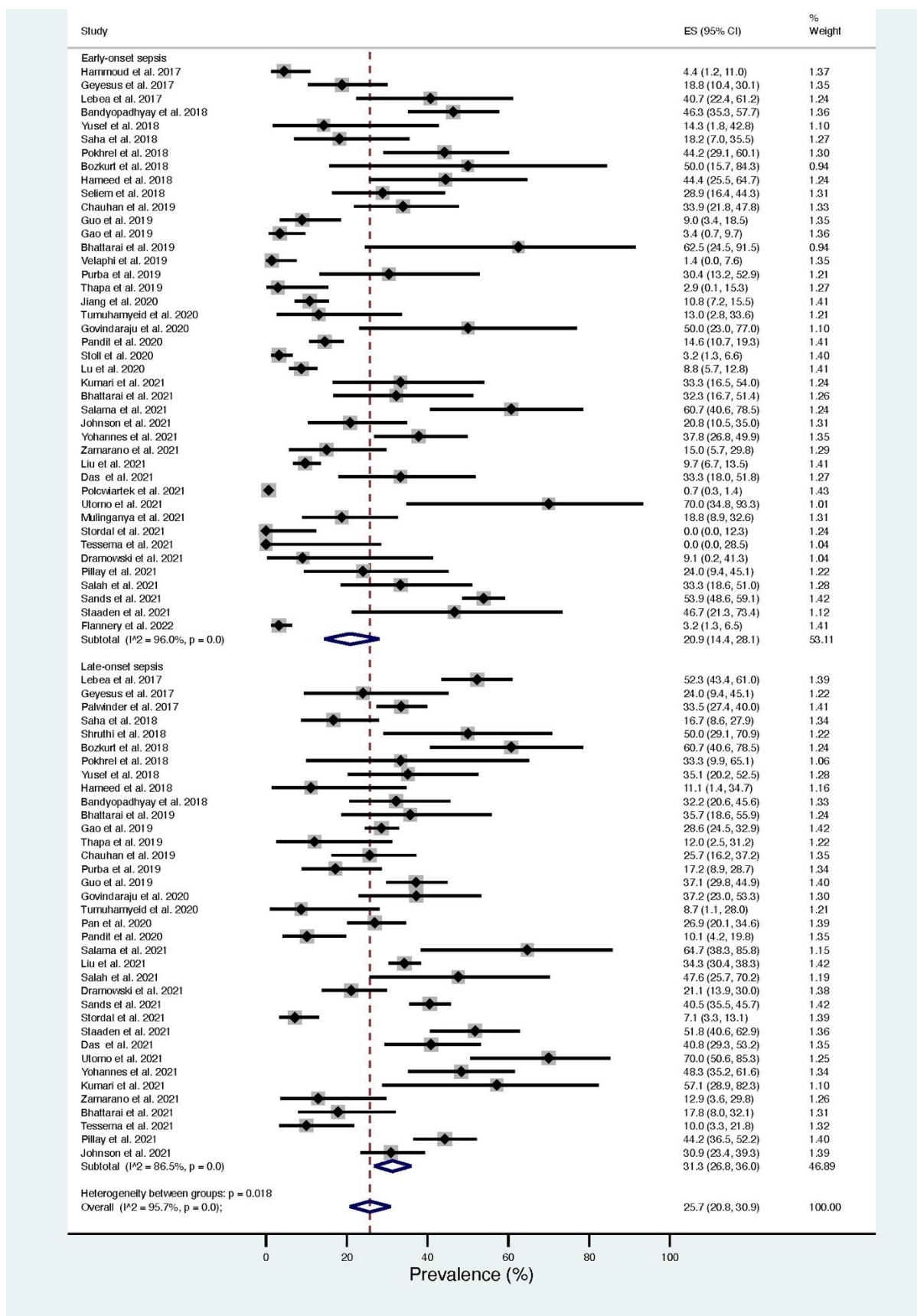
S05. Meta-analysis of *Citrobacter* spp. prevalence in Early versus Late-onset neonatal sepsis

Meta-analysis of the prevalence of *Listeria* spp. in early- versus late-onset neonatal sepsis (%)



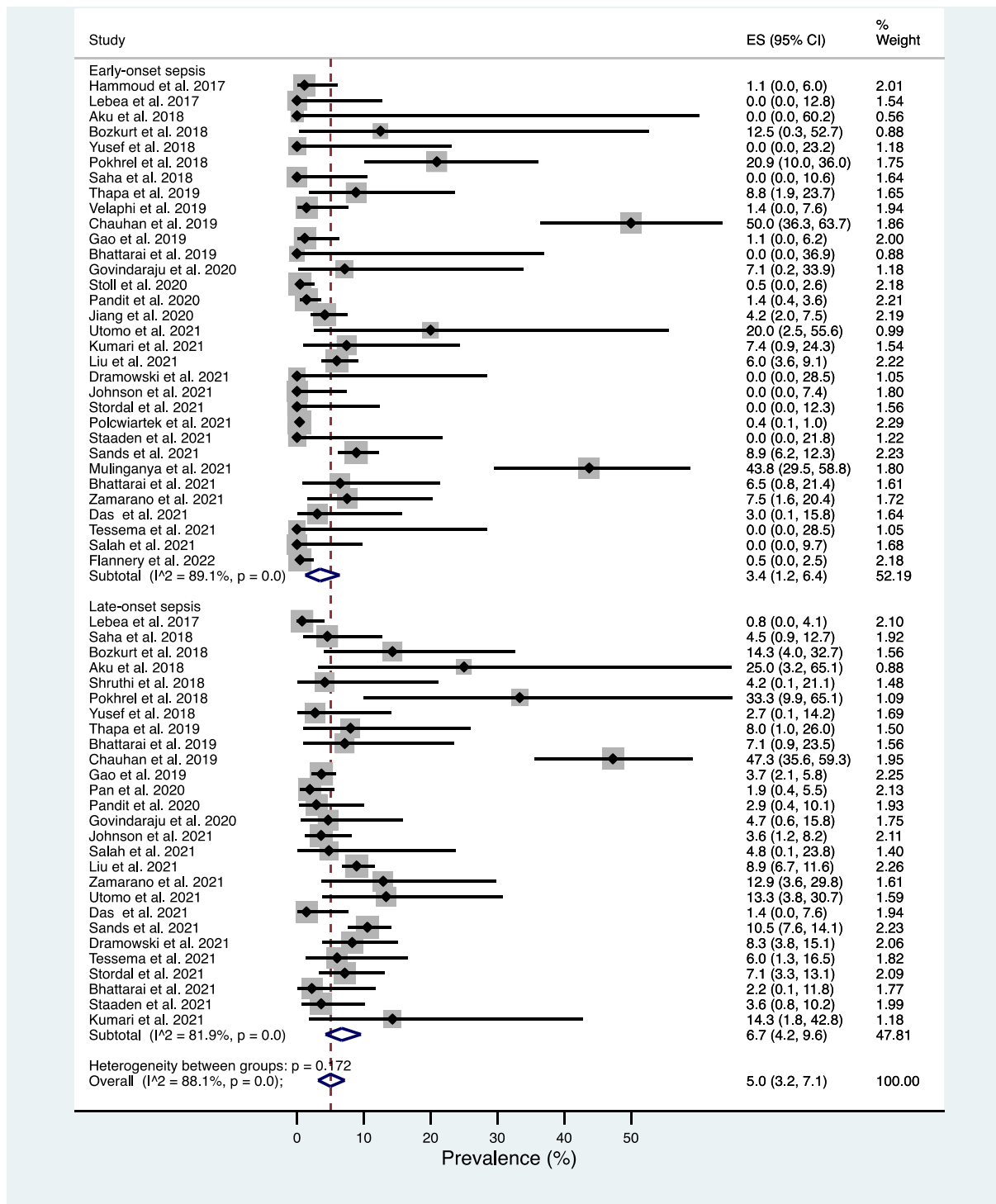
S06. Meta-analysis of *Listeria* spp. prevalence in Early versus Late-onset neonatal sepsis

Meta-analysis of the prevalence of *Klebsiella* spp. in early- versus late-onset neonatal sepsis (%)



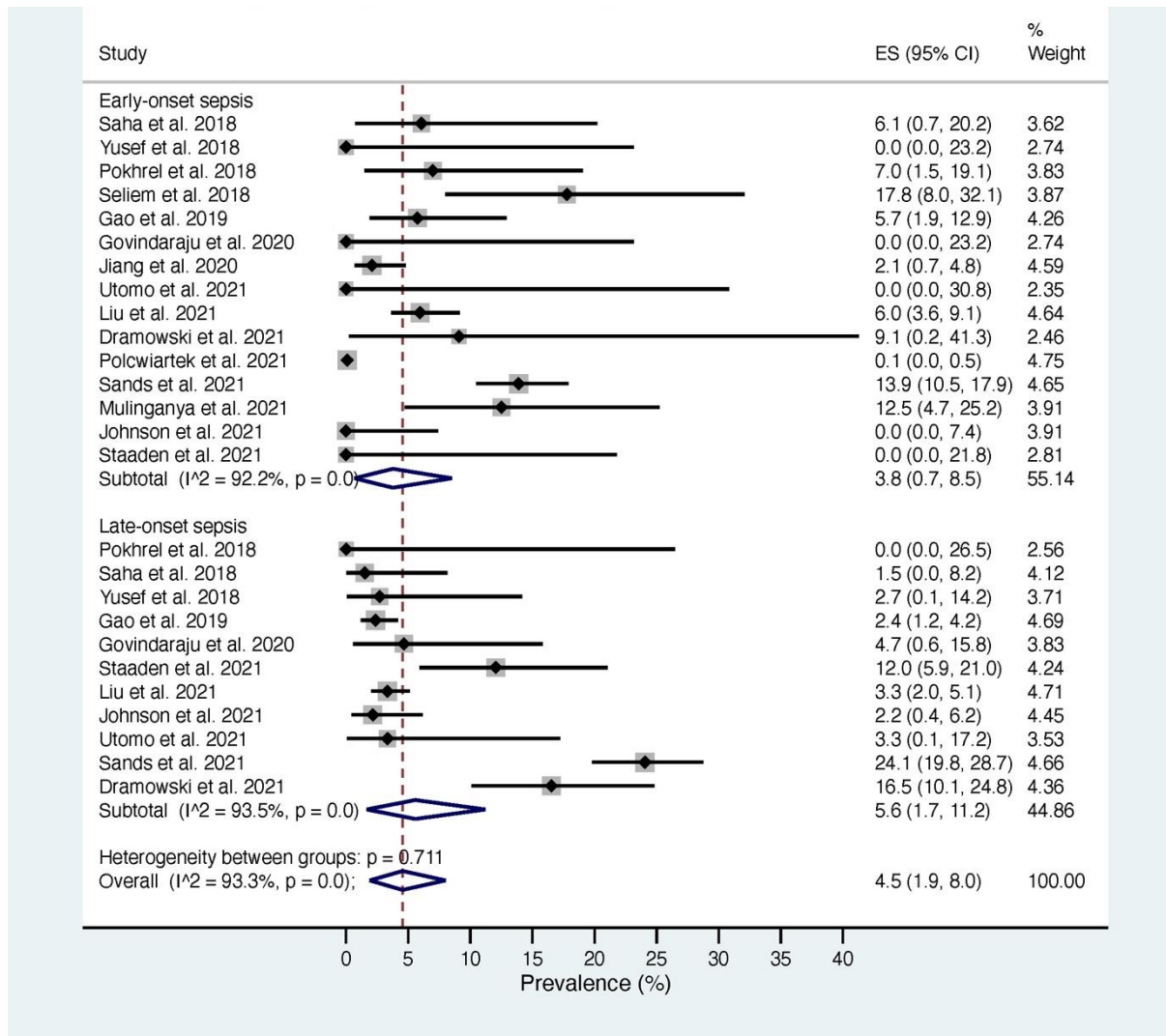
S07. Meta-analysis of *Klebsiella* spp. prevalence in Early- versus Late-onset neonatal sepsis

Meta-analysis of the prevalence of *Enterobacter* spp. in early- versus late-onset neonatal sepsis (%)



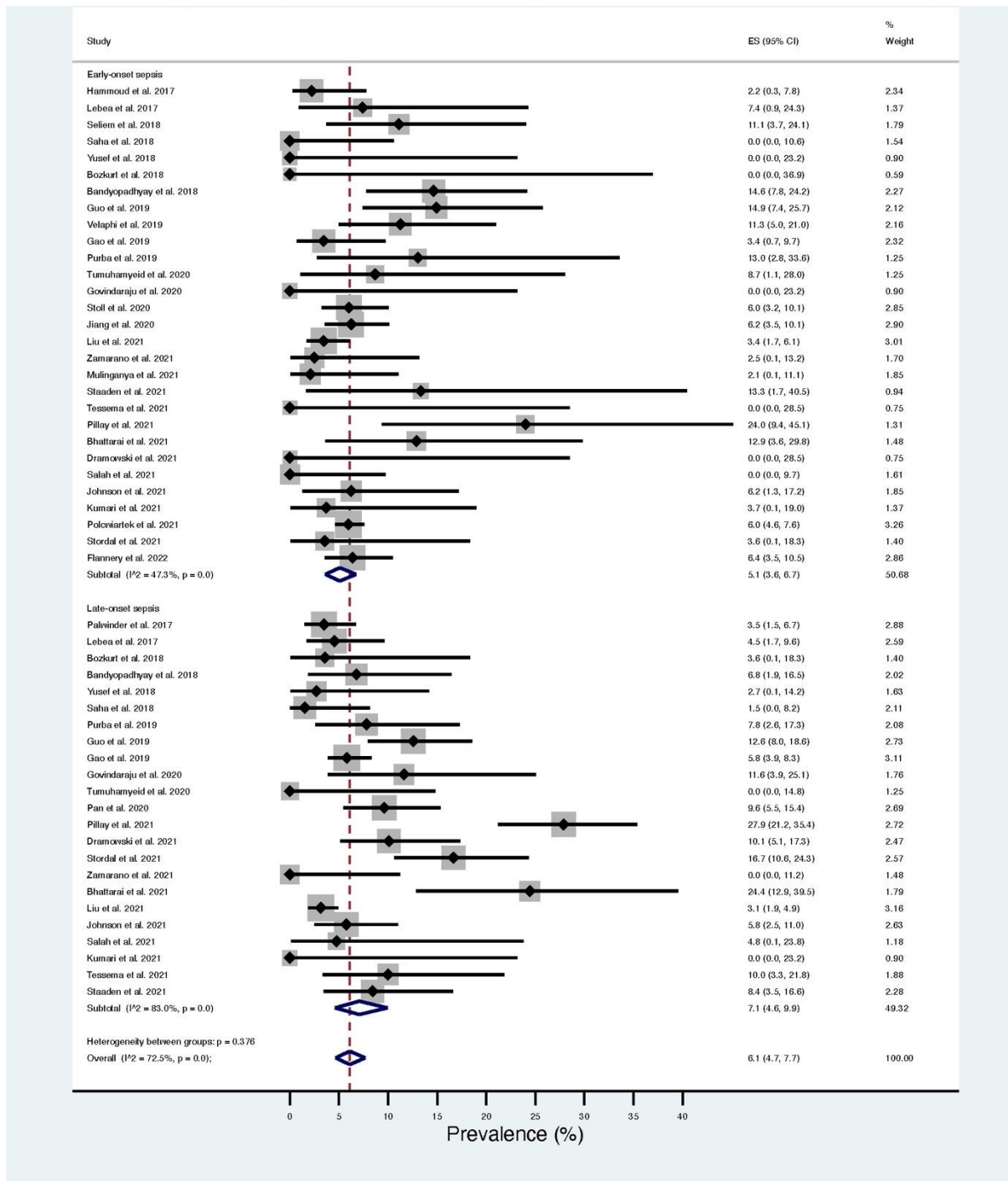
S08. Meta-analysis of *Enterobacter* spp. prevalence in Early versus Late-onset neonatal sepsis

Meta-analysis of the prevalence of *Serratia* spp. in early- versus late-onset neonatal sepsis (%)



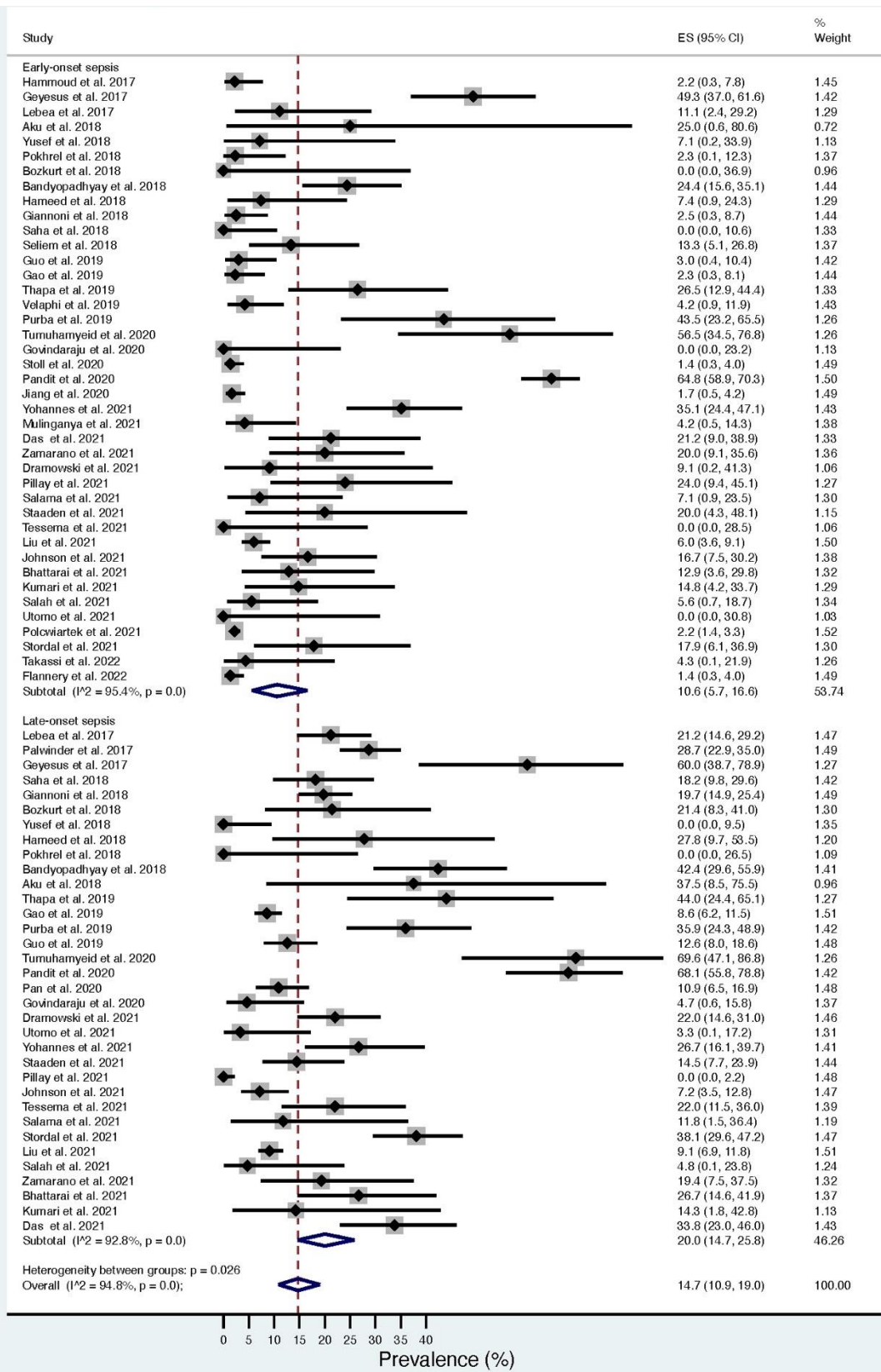
S09. Meta-analysis of *Serratia* spp. prevalence in Early versus Late-onset neonatal sepsis

Meta-analysis of the prevalence of *Enterococcus* spp. in early- versus late-onset neonatal sepsis (%)



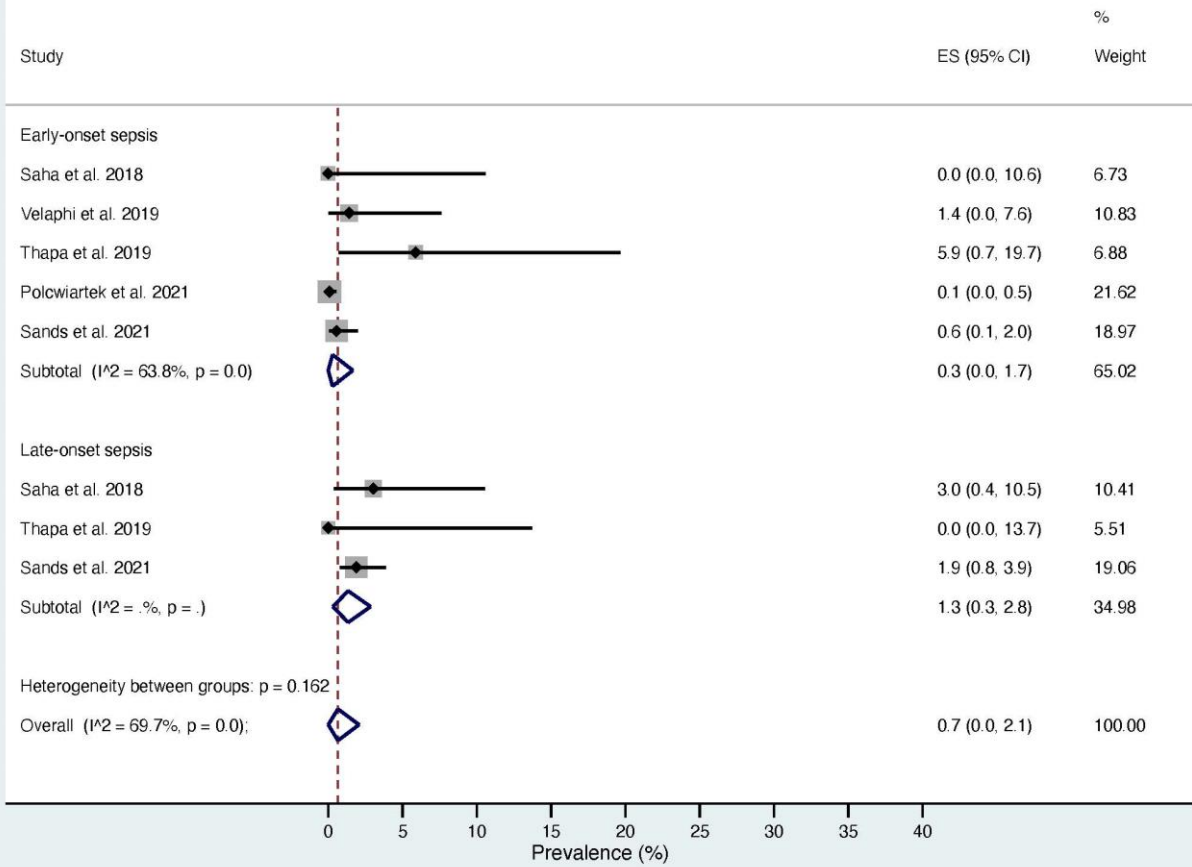
S10. Meta-analysis of *Enterococcus* spp. prevalence in Early versus Late-onset neonatal sepsis

Meta-analysis of the prevalence of *Staphylococcus Aureus* in early- versus late-onset neonatal sepsis (%)



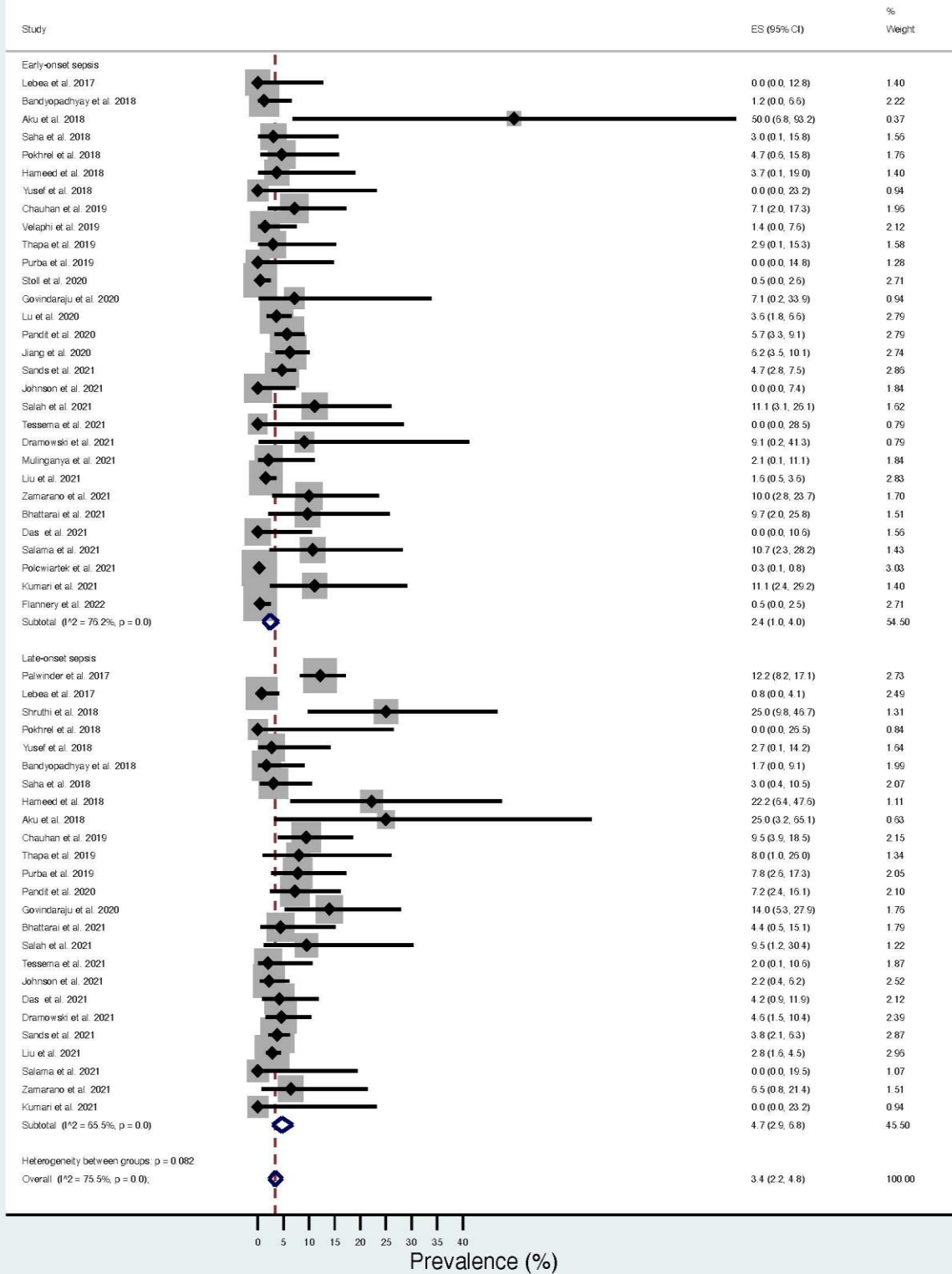
S11. Meta-analysis of *Staphylococcus aureus* prevalence in Early versus Late-onset neonatal sepsis

Meta-analysis of the prevalence of *Salmonella* spp. in early- versus late-onset neonatal sepsis (%)



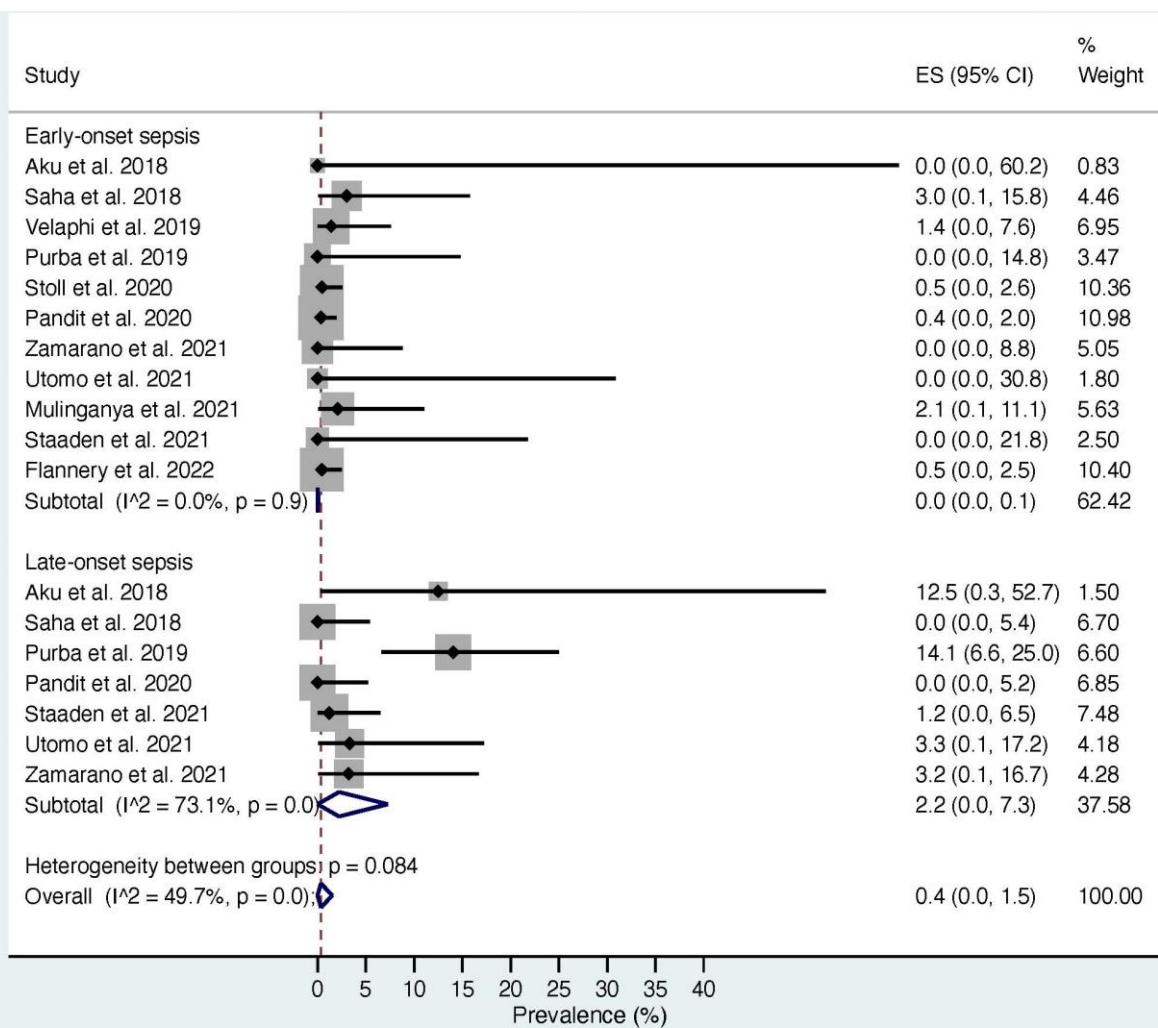
S12. Meta-analysis of *Salmonella* spp. prevalence in Early versus Late-onset neonatal sepsis

Meta-analysis of the prevalence of *Pseudomonas* spp. in early- versus late-onset neonatal sepsis (%)



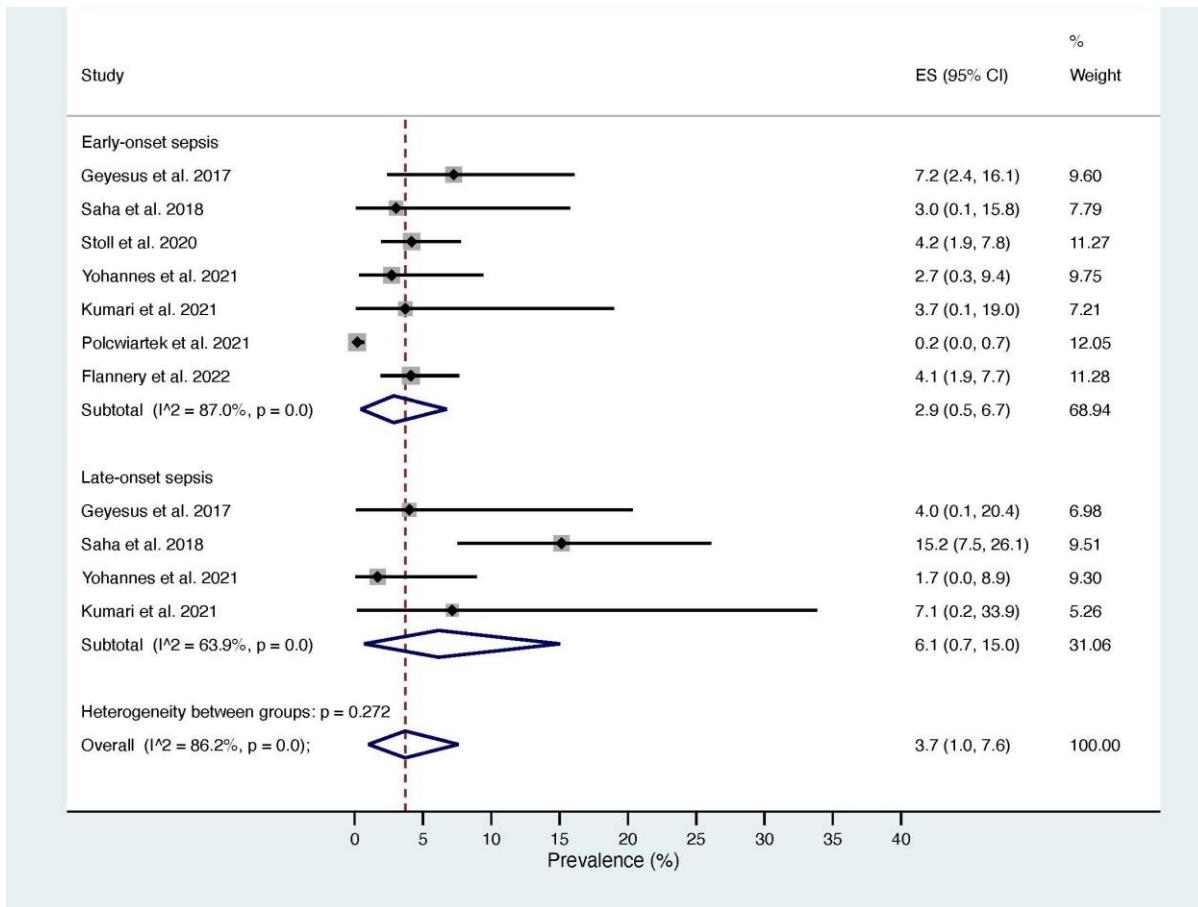
S13. Meta-analysis of *Pseudomonas* spp. prevalence in Early- versus Late-onset neonatal sepsis

Meta-analysis of the prevalence of *Proteus* spp. in early- versus late-onset neonatal sepsis (%)

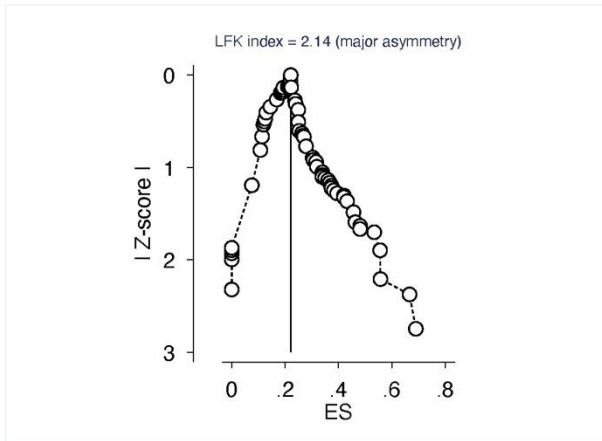


S14. Meta-analysis of *Proteus* spp. prevalence in Early versus Late-onset neonatal sepsis

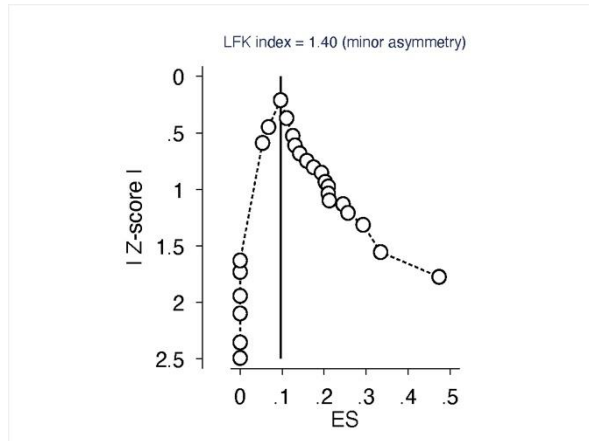
Meta-analysis of the prevalence of *Streptococcus pyogenes* in early- versus late-onset neonatal sepsis (%)



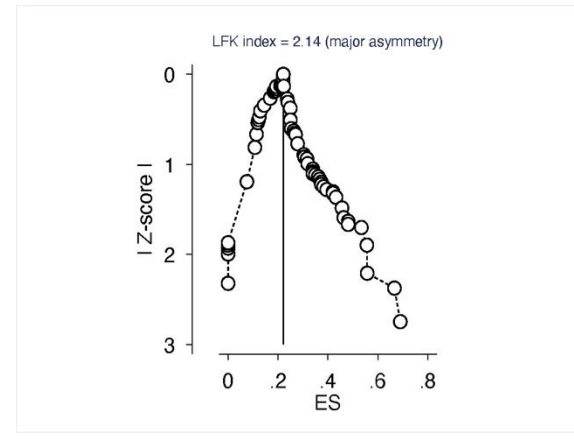
S15. Meta-analysis of *Streptococcus pyogenes* prevalence in Early versus Late-onset neonatal sepsis



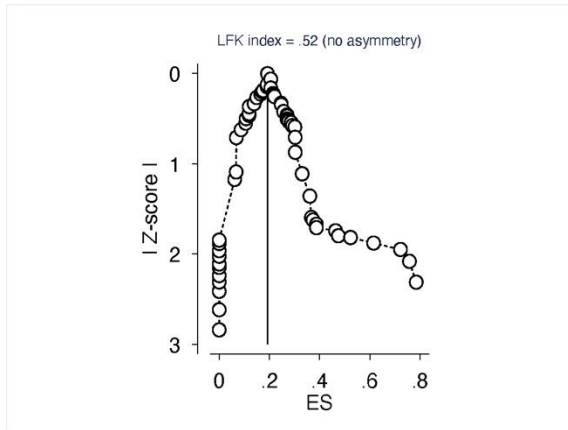
LFK Index: *Acinetobacter* spp.



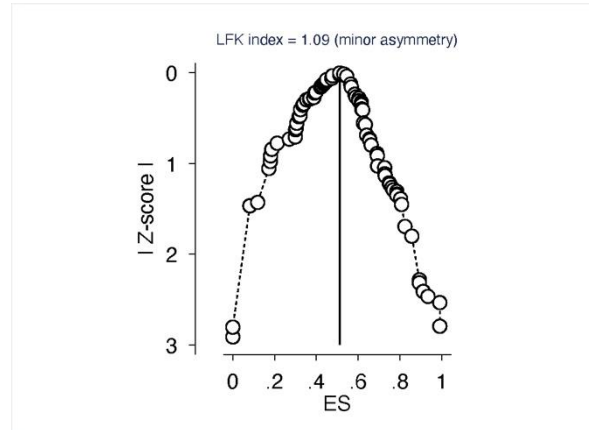
LFK Index: *Citrobacter* spp.



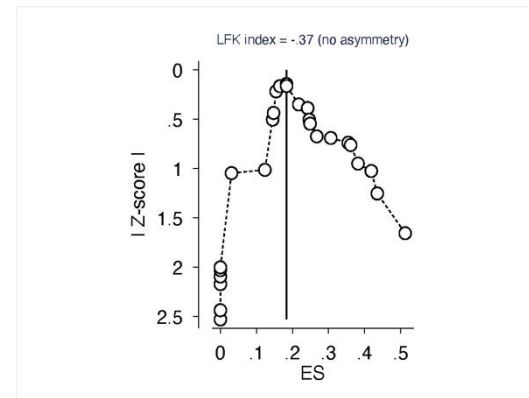
LFK Index: *E. coli* spp.



LFK Index: *Enterobacter* spp.

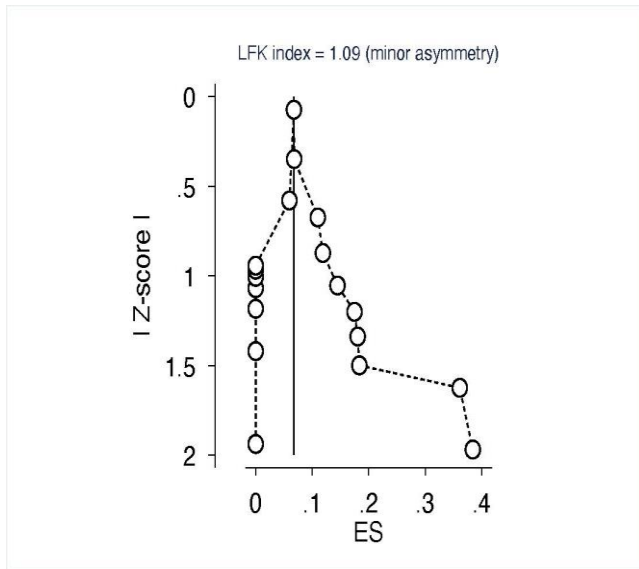


LFK Index: *Klebsiella* spp.

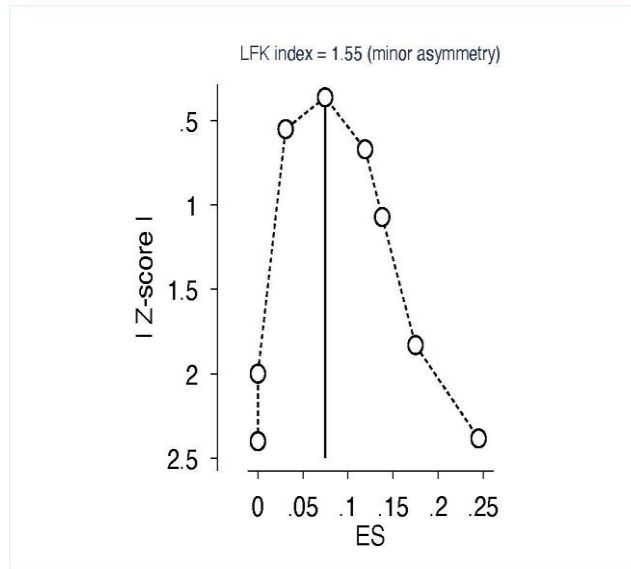


LFK Index: *Serratia* spp.

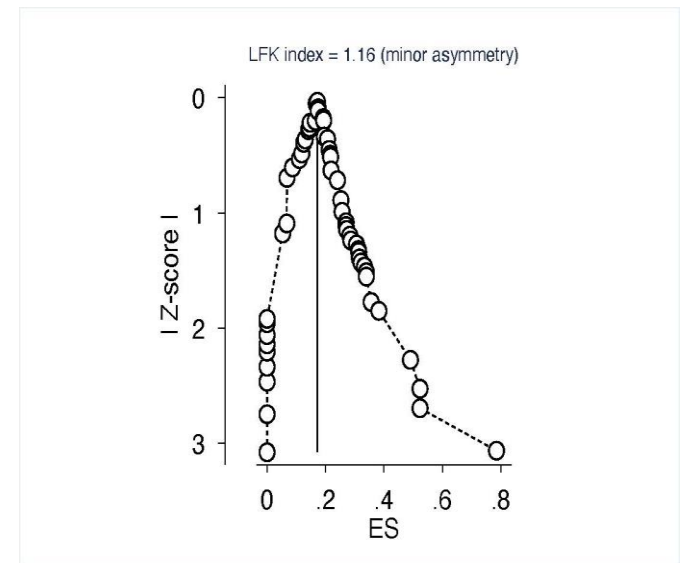
S16. Risk of bias as calculated by the LFK index for GNB. ES=Double arcsine transformed effect size



LFK Index: *Proteus* spp.

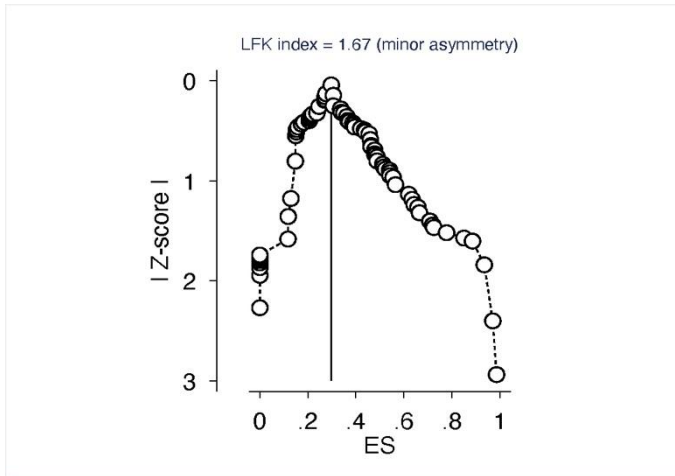


LFK Index: *Salmonella* spp.

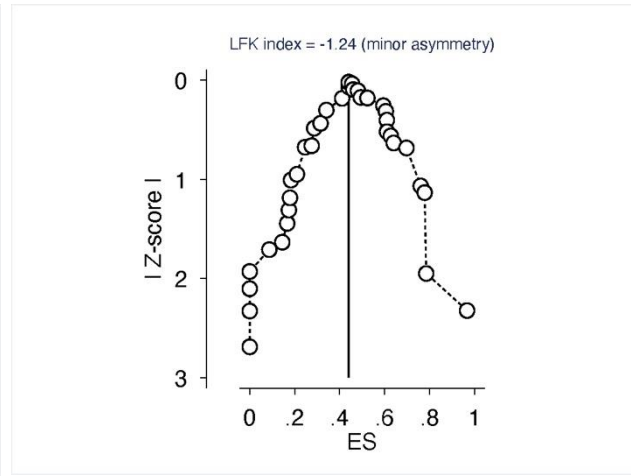


LFK index: *Pseudomonas* spp.

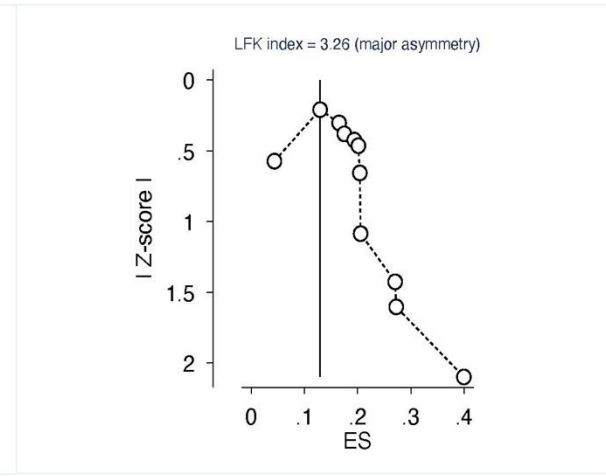
S17. Risk of bias as calculated by the LFK index for GNB part 2. ES=Double arcsine transformed effect size



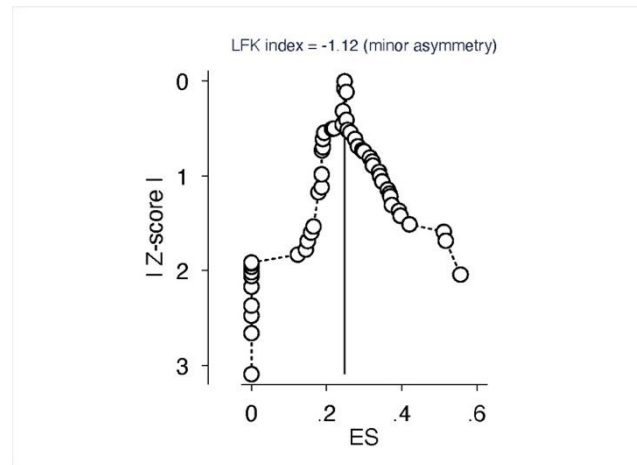
LFK index: *Staphylococcus aureus*



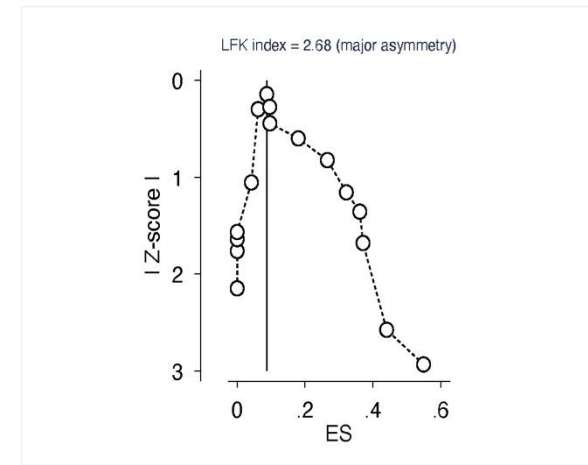
LFK index: Group B streptococcus



LFK index: *S. Pyogenes*

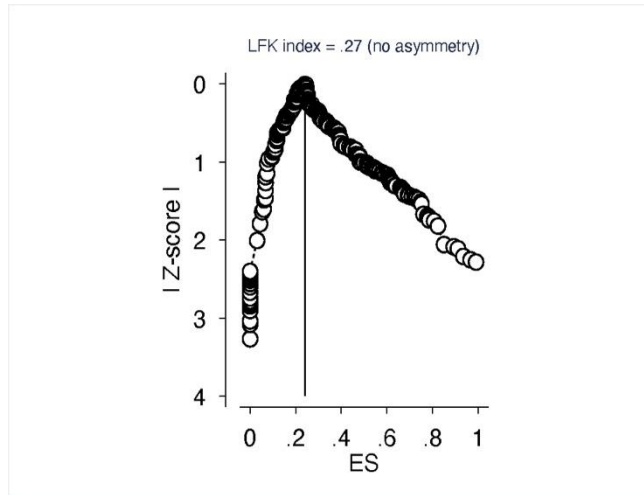


LFK index: *Enterococcus* spp.

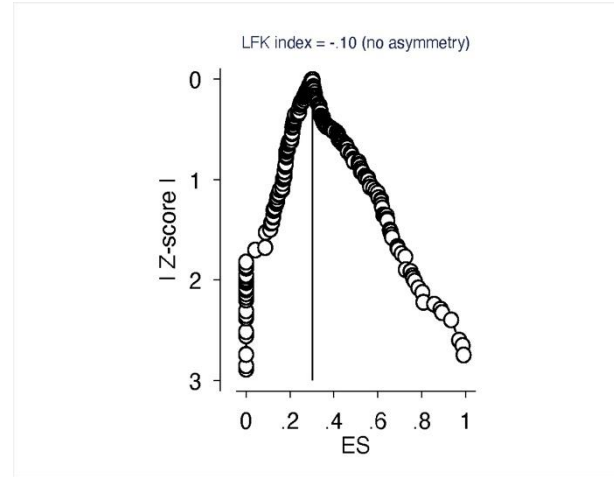


LFK Index: *Listeria* spp.

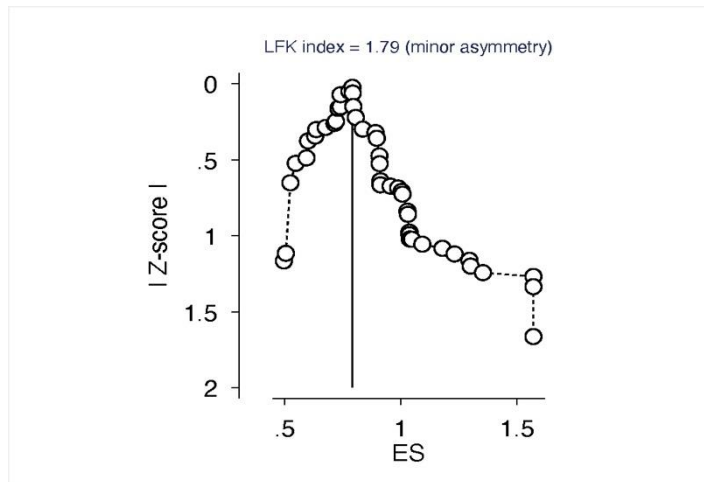
S18. Risk of bias as calculated by the LFK index for GPB. ES=Double arcsine transformed effect size



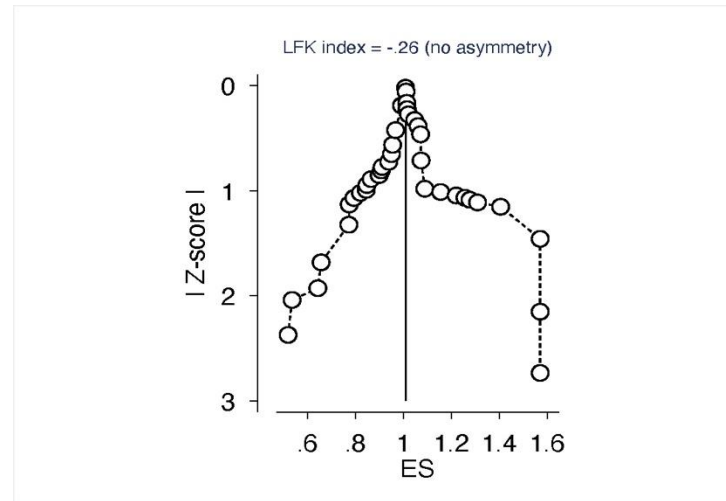
LFK index: EOS species prevalence



LFK index: LOS species prevalence

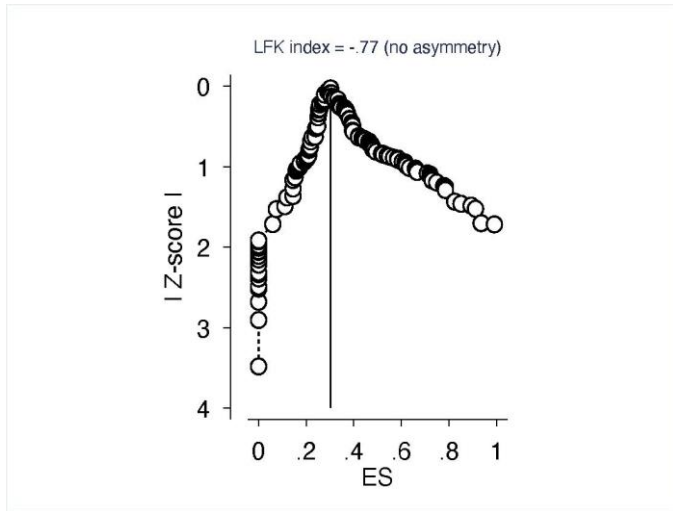


LFK index: EOS species gram bias

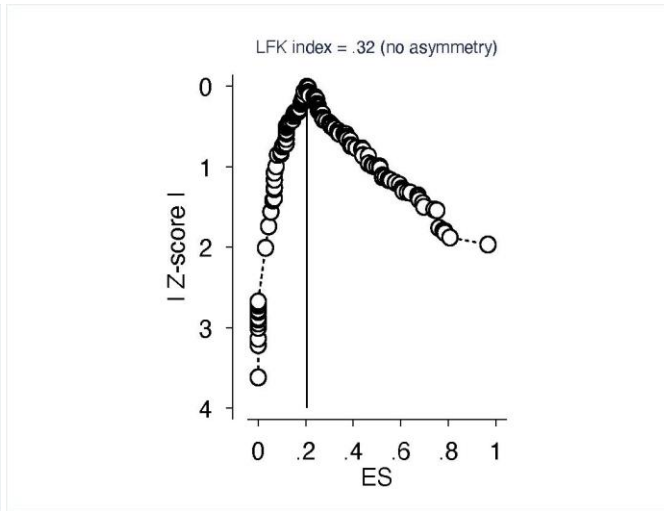


LFK index: LOS species gram bias

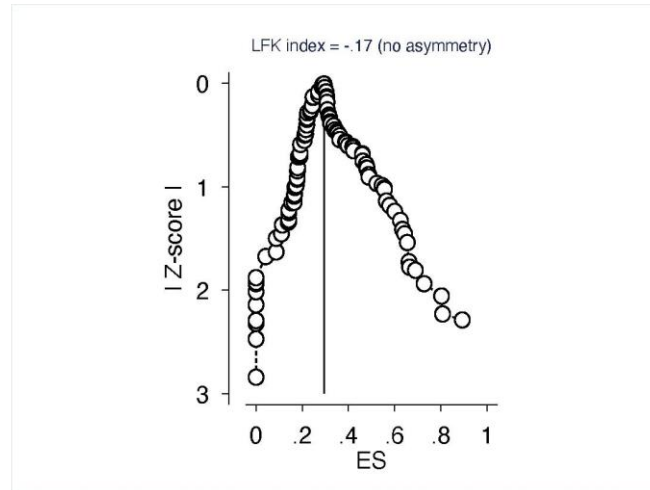
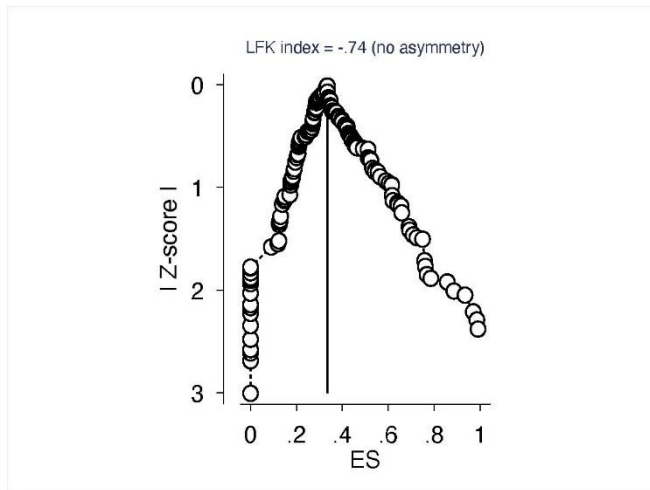
S19. Risk of bias as calculated by the LFK index for comparison of GNB and GPB and species prevalence calculations.
 ES=Double arcsine transformed effect size



LFK Index: Early-onset sepsis LMIC



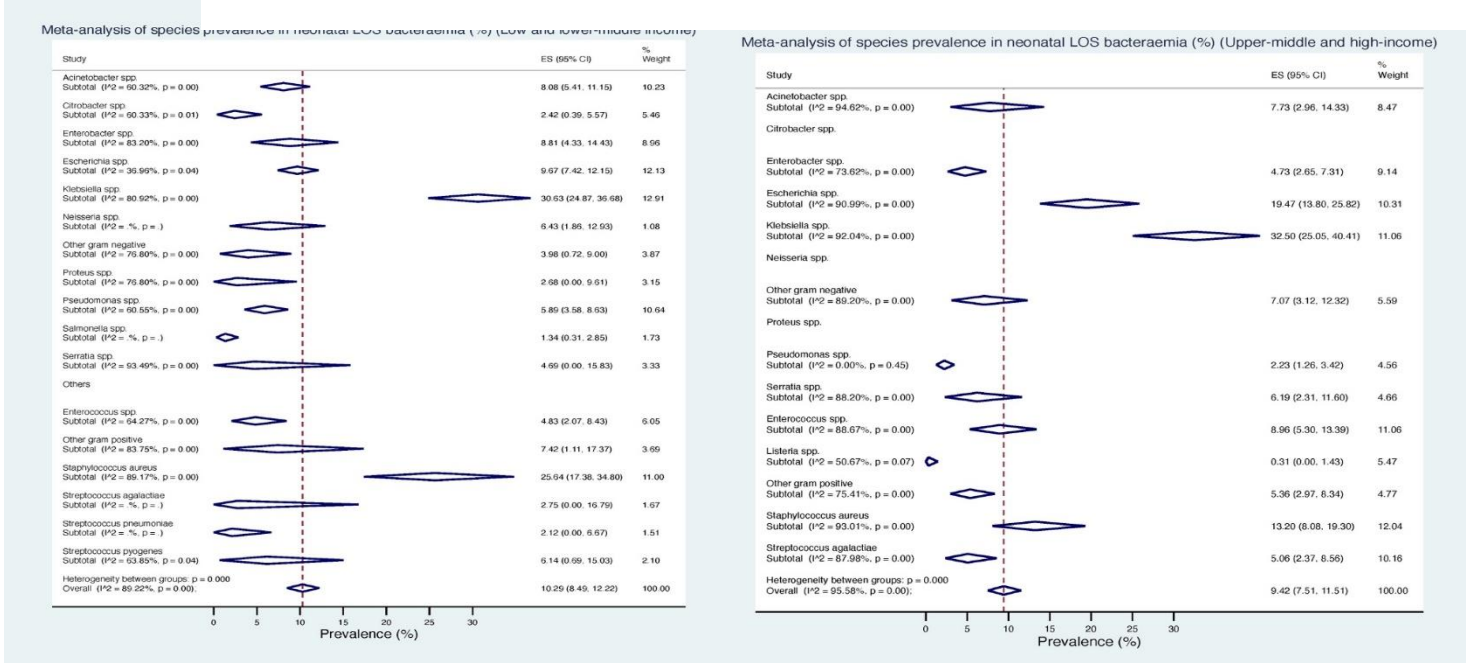
LFK Index: Early-onset sepsis HIC



S20. Risk of bias as calculated by the LFK index for comparison of HIC and LMICs for species prevalence calculations in EOS and LOS. ES=Double arcsine transformed effect size

Low and lower-middle income

Upper-middle and high-income



S21. Meta-analysis of species prevalence in late-onset neonatal sepsis (%) in Low- and lower-middle income compared with upper-middle and high-income countries.