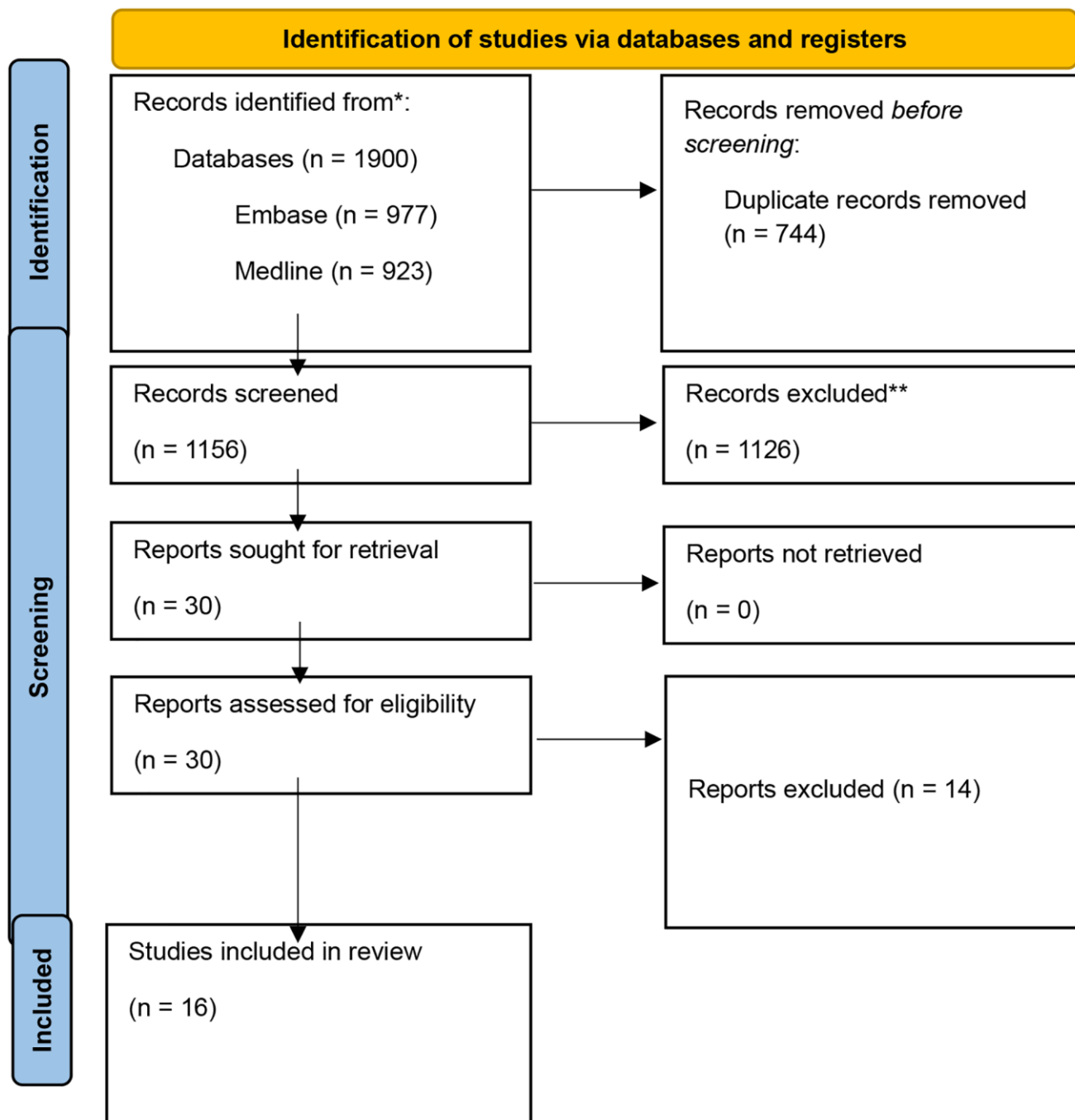
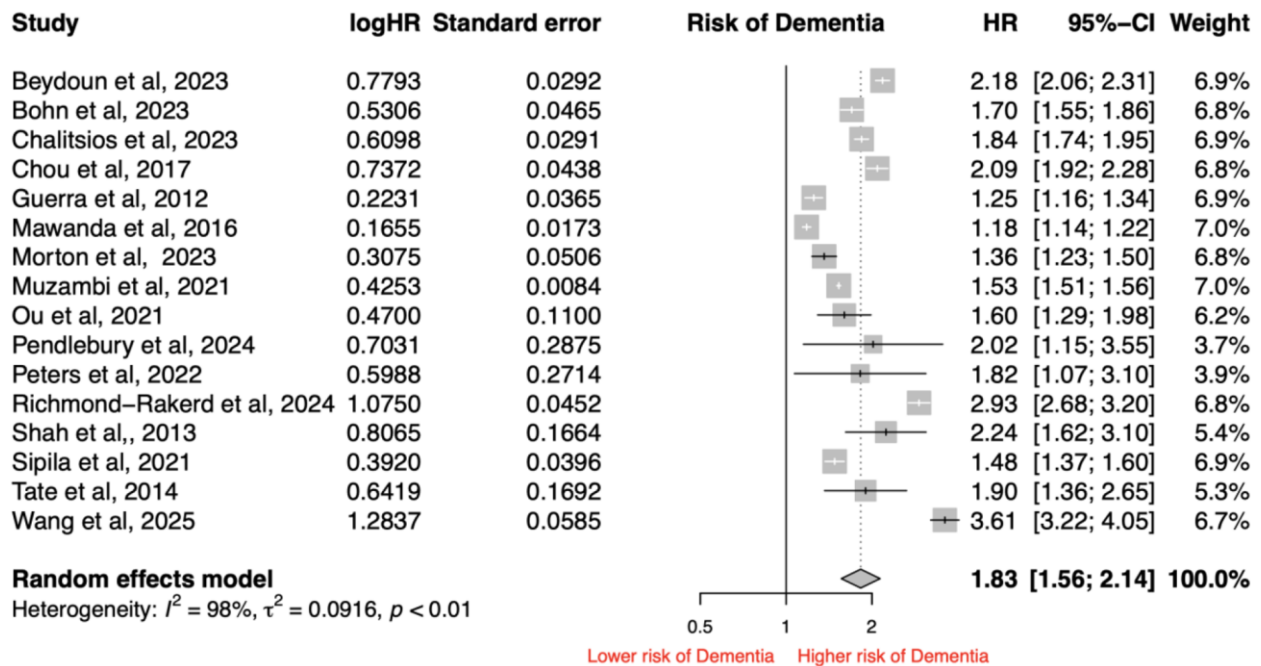


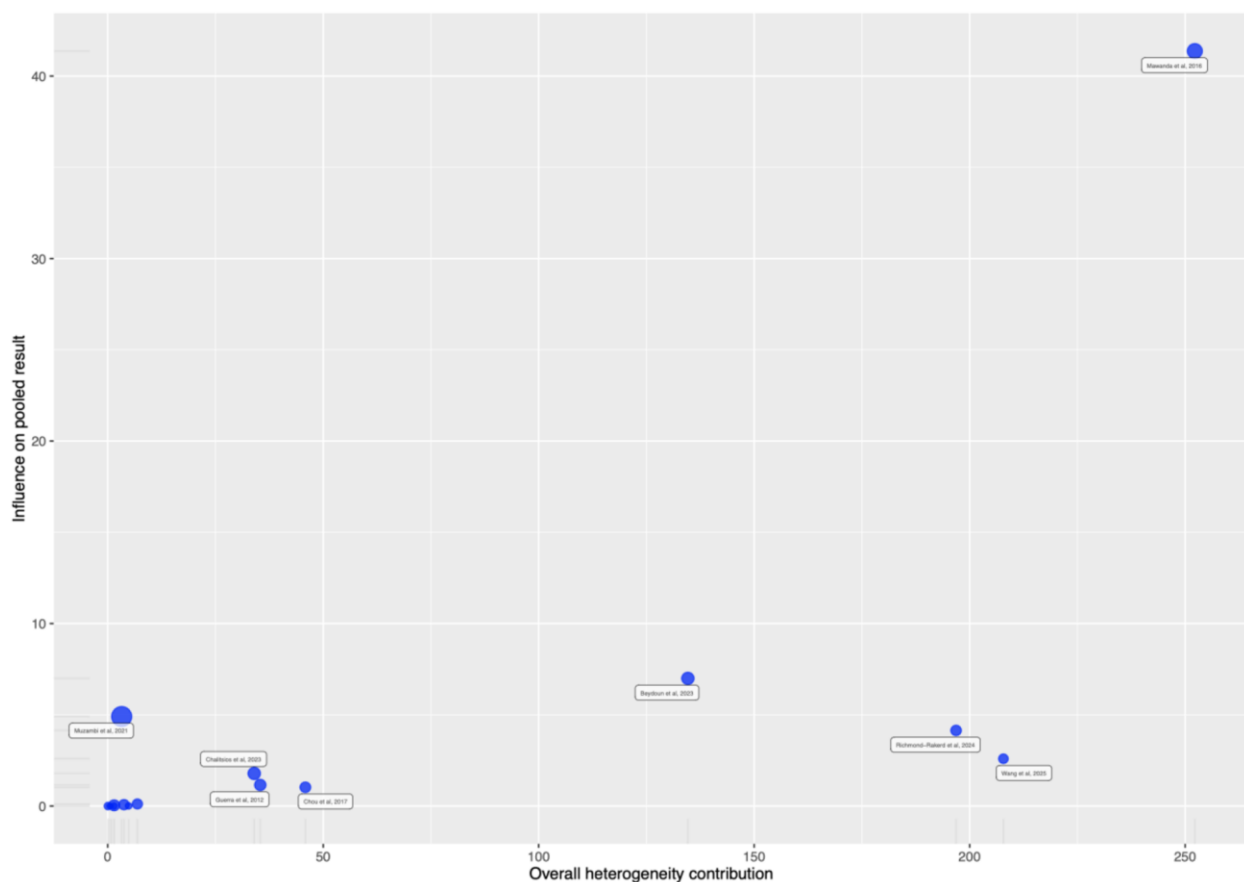
SUPPLEMENTARY FIGURES



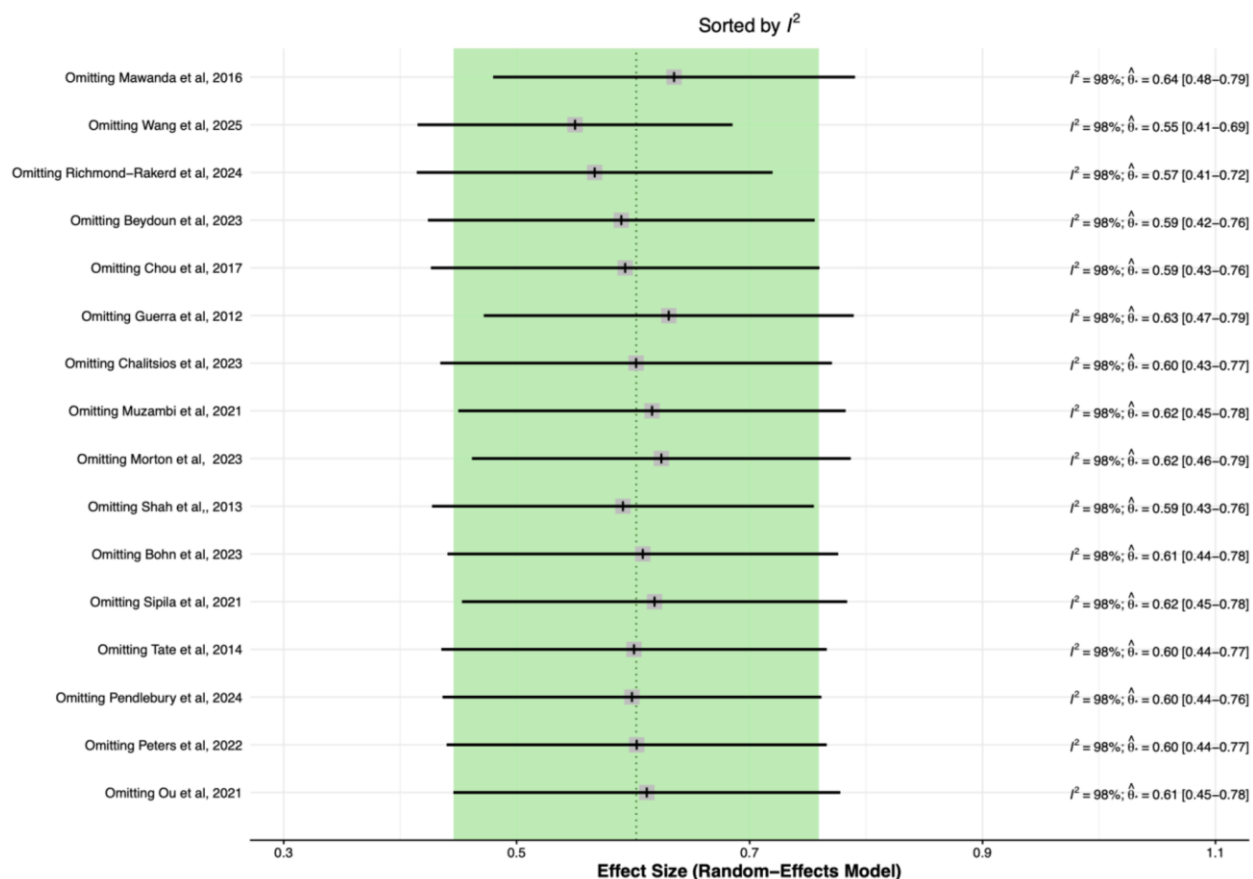
Supplementary Figure 1. PRISMA Flowchart.



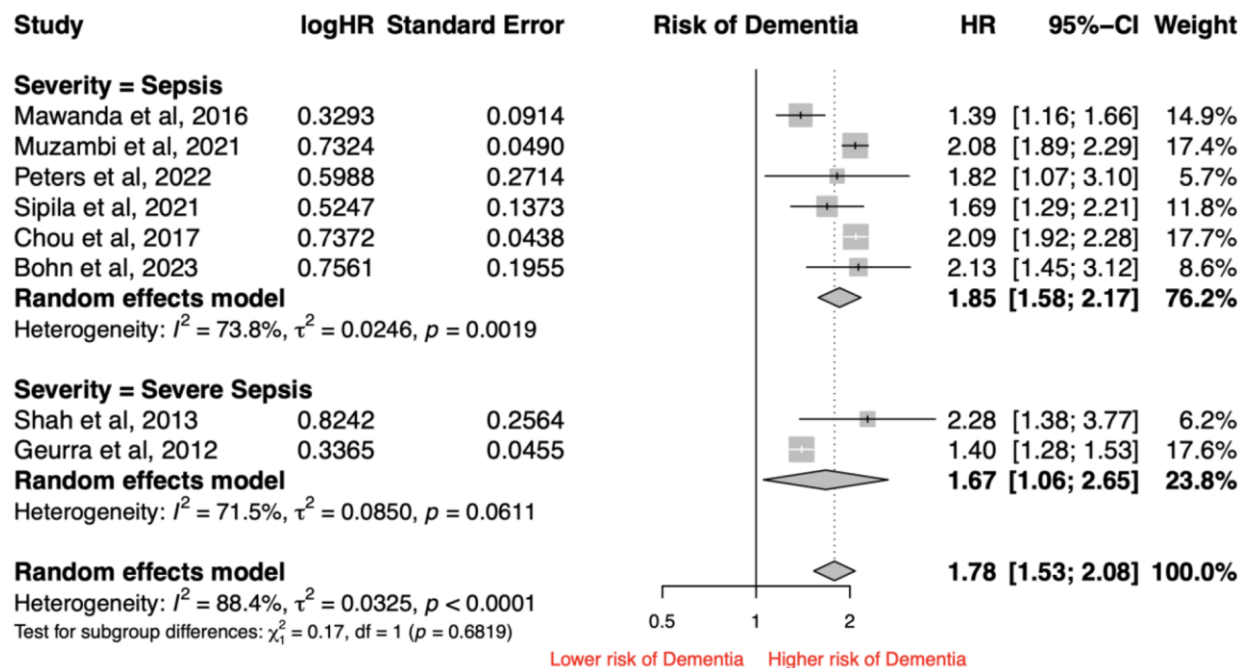
Supplementary Figure 2. Forest Plot of pooled Hazard Ratio (HR) for risk of all-cause Dementia in patients hospitalized with infections.



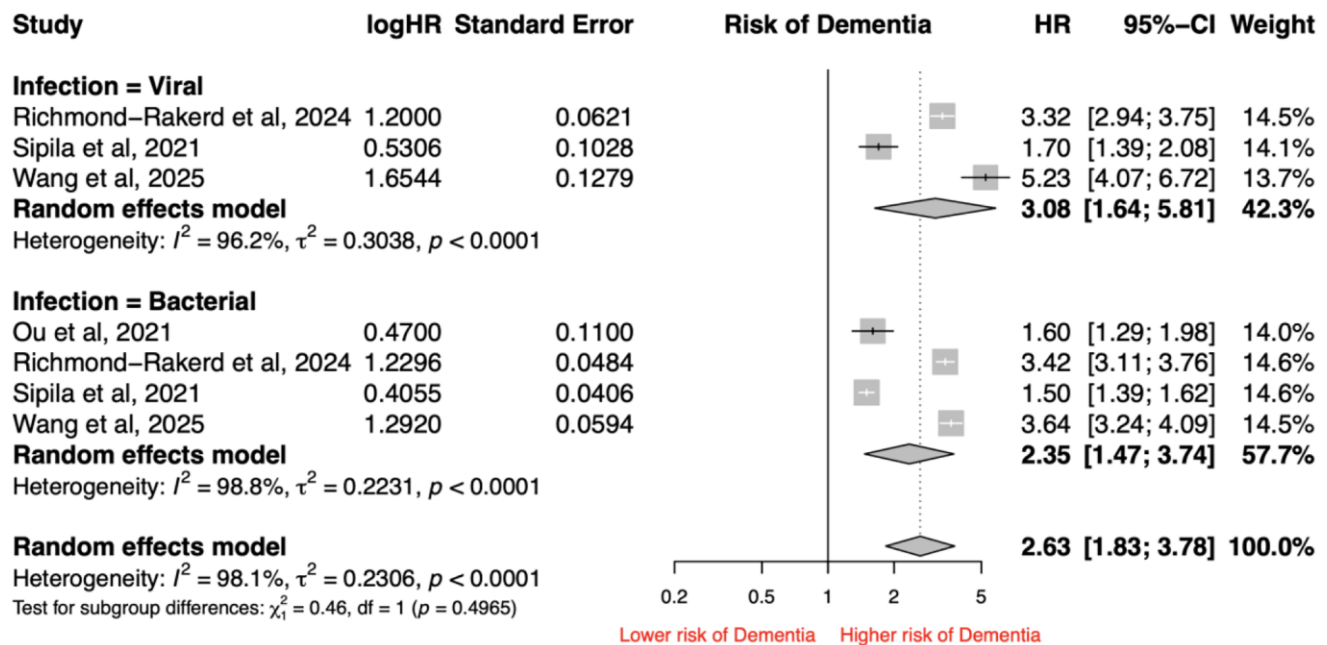
Supplementary Figure 3. Baujat Plot for hospitalization with infection and risk of all-cause Dementia based on pooled hazard ratios of 16 studies.



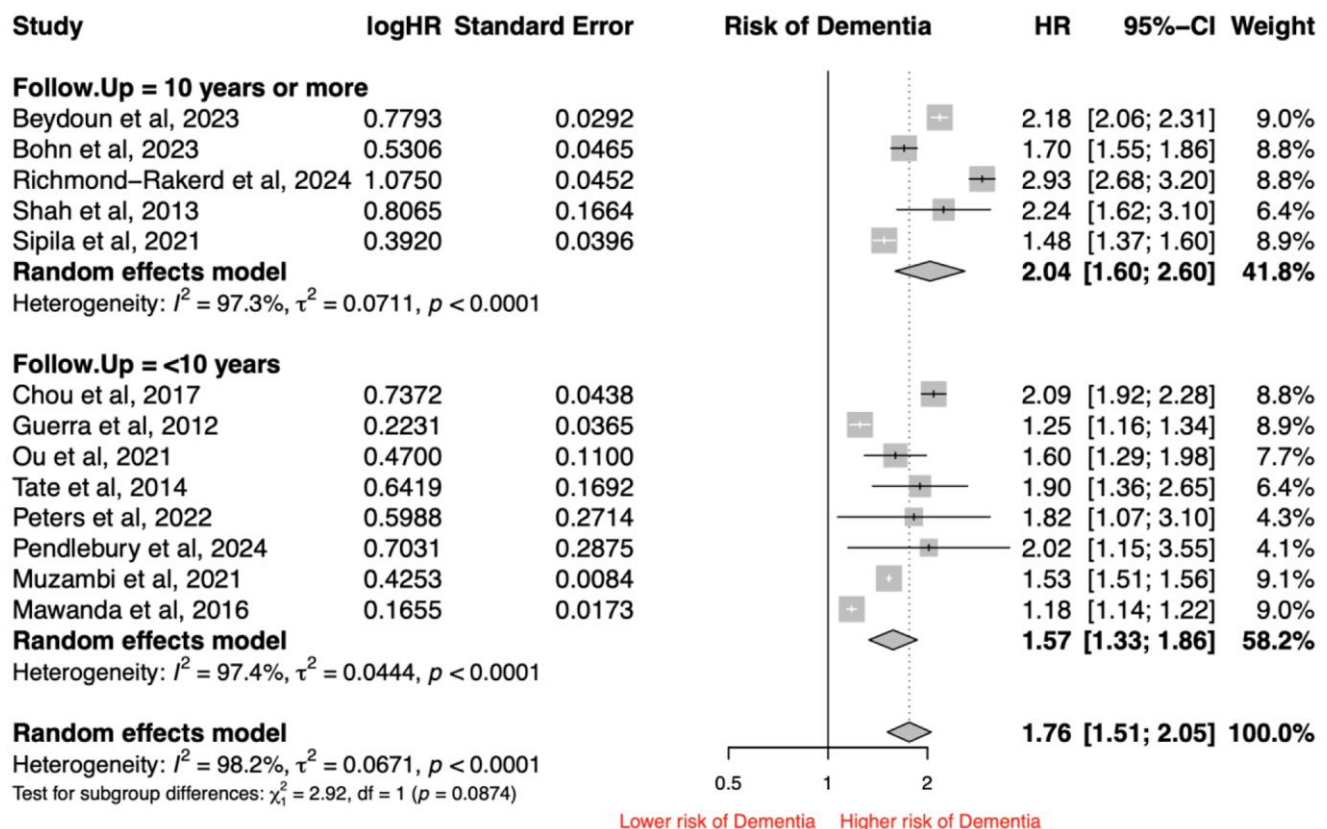
Supplementary Figure 4. Leave one out analysis for hospitalization with infection and risk of all-cause Dementia based on pooled hazard ratios of 16 studies. Effect size refers to treatment effect (logHR).



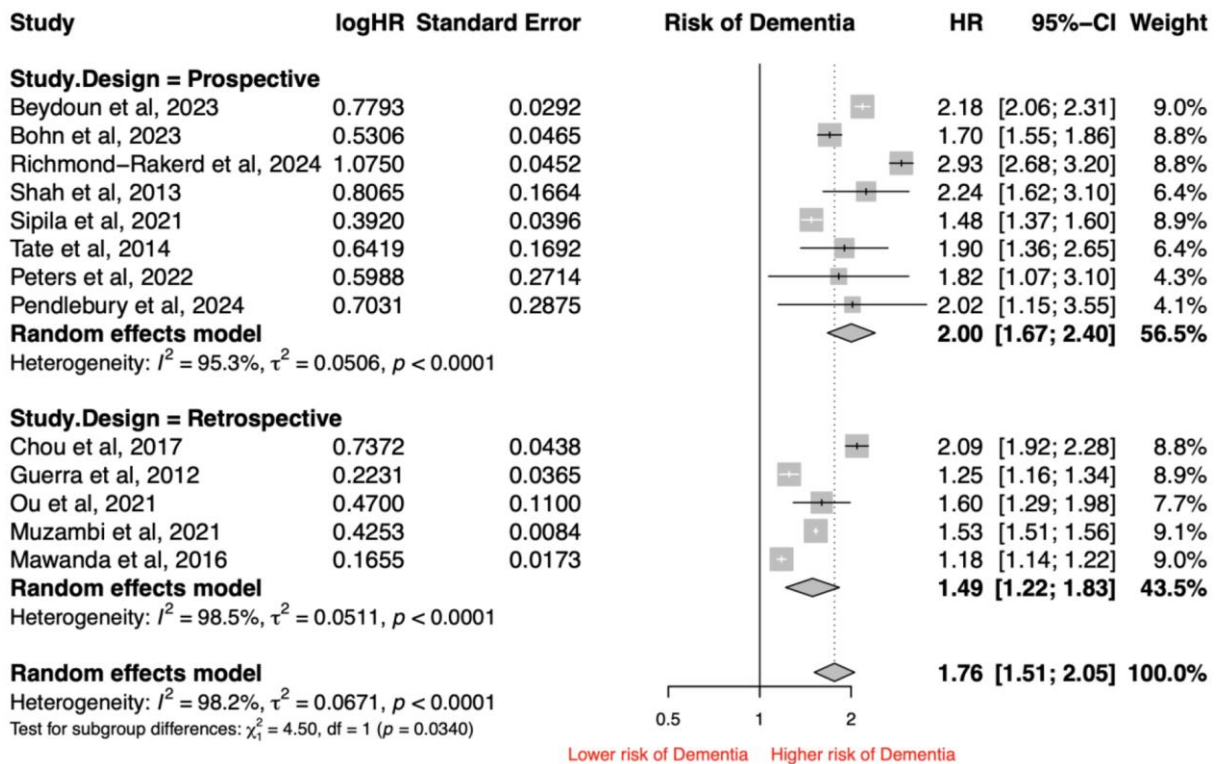
Supplementary Figure 5. Forest Plot of pooled Hazard Ratio (HR) for risk of all-cause Dementia in patients hospitalized with infections based on severity of sepsis.



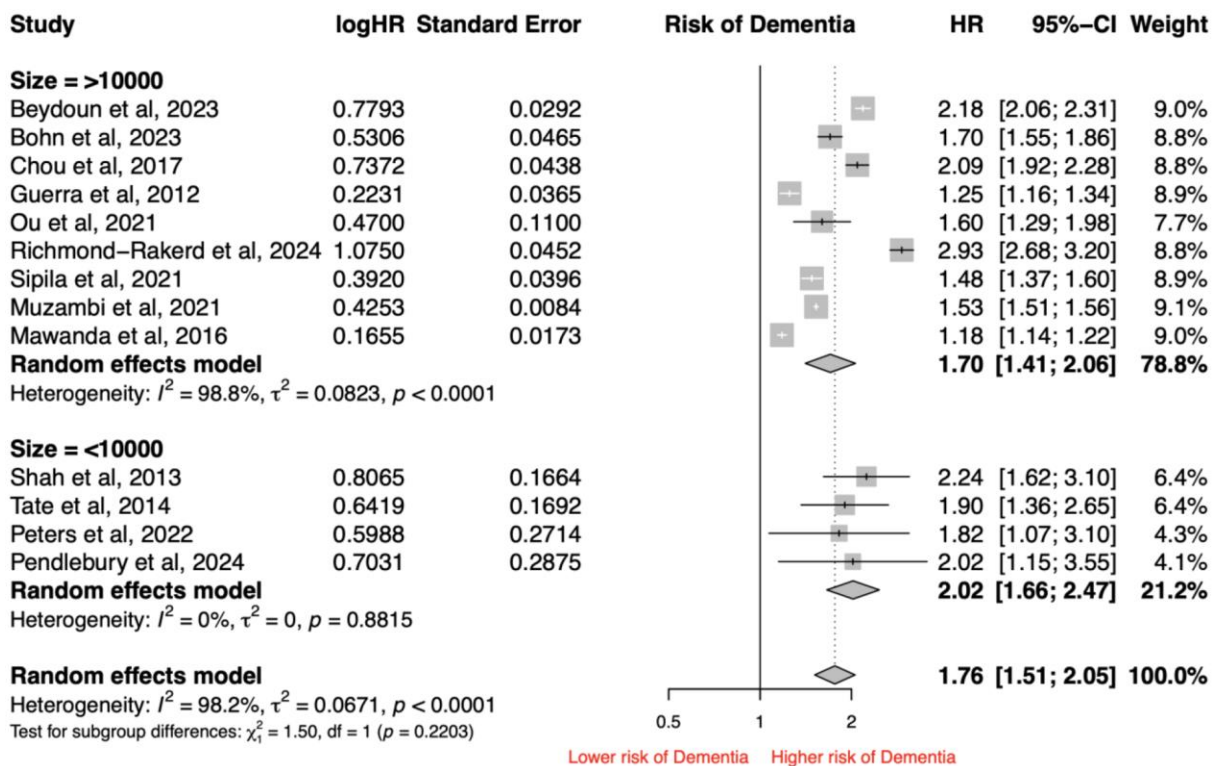
Supplementary Figure 6. Forest Plot of pooled Hazard Ratio (HR) for risk of all-cause Dementia in patients hospitalized with infections based on bacterial vs. viral infections.



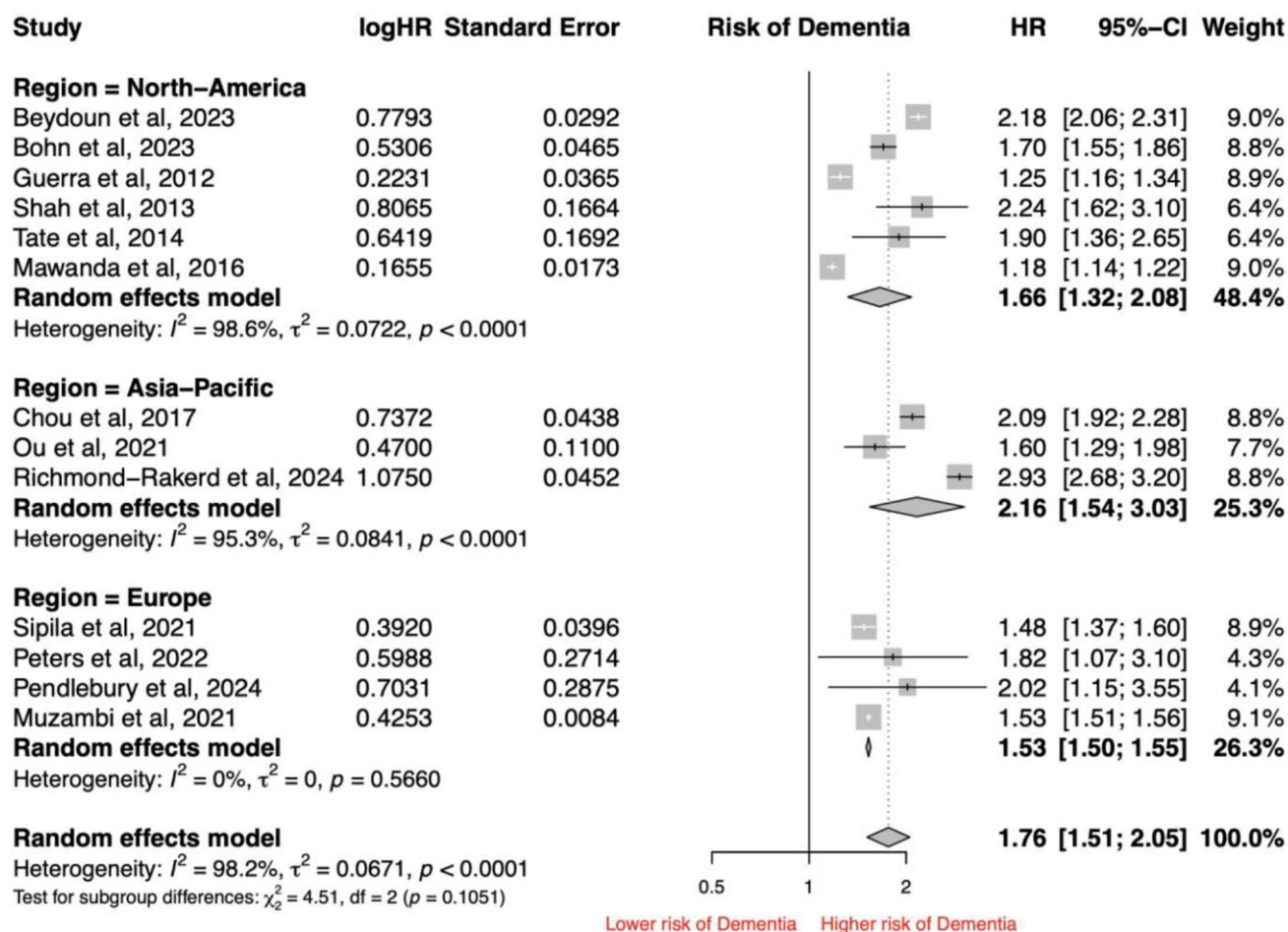
Supplementary Figure 7. Forest Plot of pooled Hazard Ratio (HR) for risk of all-cause Dementia in patients hospitalized with infections based on median duration of follow-up.



Supplementary Figure 8. Forest Plot of pooled Hazard Ratio (HR) for risk of all-cause Dementia in patients hospitalized with infections based on study design.



Supplementary Figure 9. Forest Plot of pooled Hazard Ratio (HR) for risk of all-cause Dementia in patients hospitalized with infections based on total sample size of study.



Supplementary Figure 10. Forest Plot of pooled Hazard Ratio (HR) for risk of all-cause Dementia in patients hospitalized with infections based on region of study conducted.