S6 Appendix. Other forest plots in chronic kidney disease prevalence and associated risk factors.

Abbreviations:

CKD, chronic kidney disease; LMICs, low- and middle- income counties; LDLc, low-density lipoprotein cholesterol; HDLc, high-density lipoprotein cholesterol; HT, hypertension; HIV, human immunodeficiency viruses

Fig S1. Meta-analysis of chronic kidney disease prevalence in LMICs in Asia stratified by quality of study.

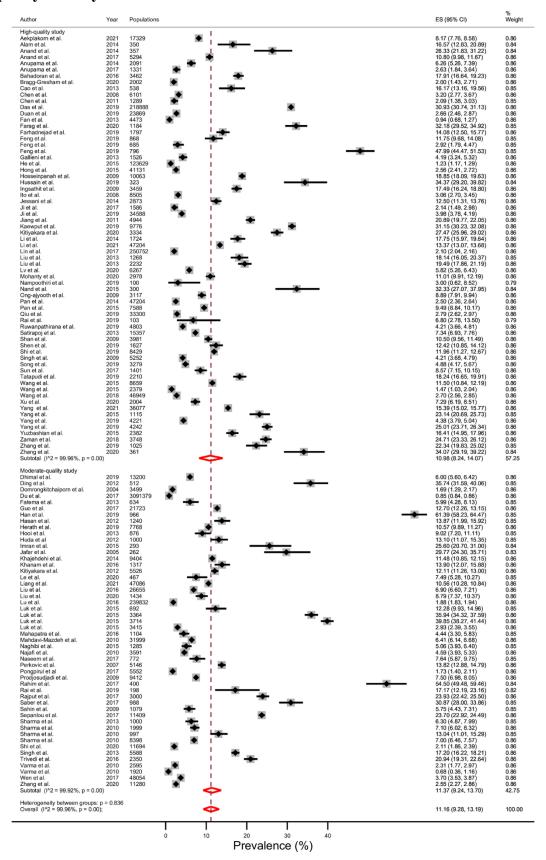


Fig S2. Meta-analysis of chronic kidney disease prevalence in LMICs in Asia stratified by study design.

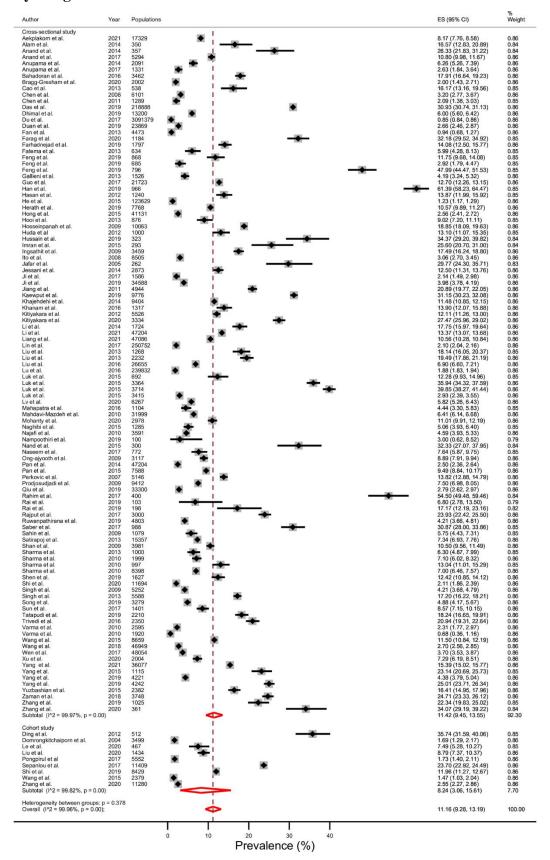


Fig S3. Meta-analysis of chronic kidney disease prevalence in LMICs in Asia stratified by classification of CKD (methods for measurement of eGFR).

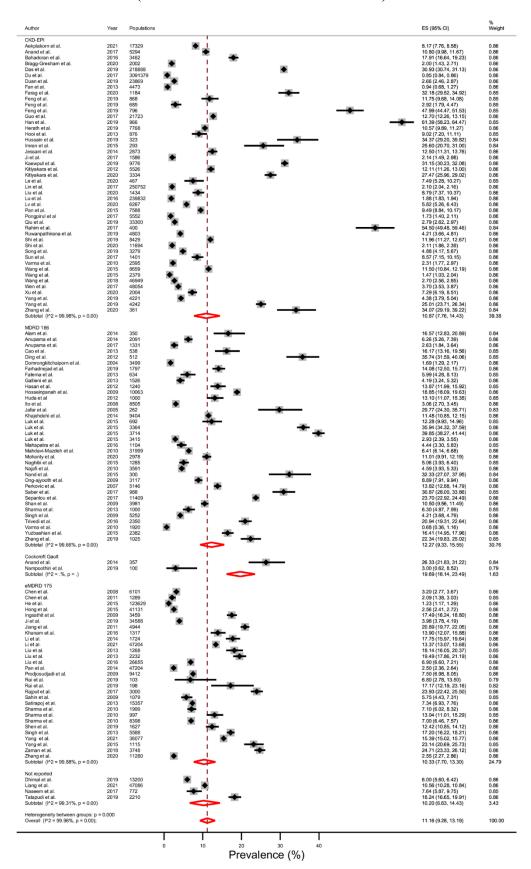


Fig S4. Meta-analysis of chronic kidney disease prevalence in LMICs in Asia stratified by economic group.

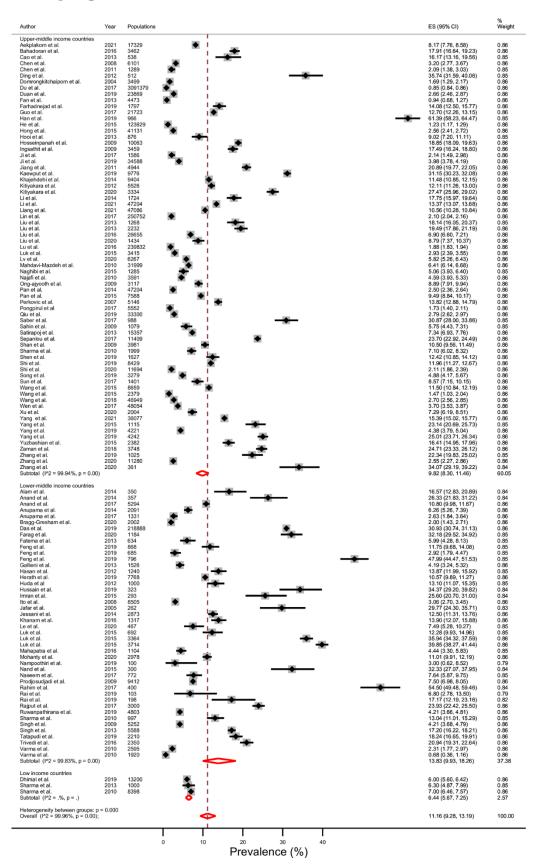


Fig S5. Meta-analysis of association between chronic kidney disease and elderly age (age ≥60 years or <60 years).

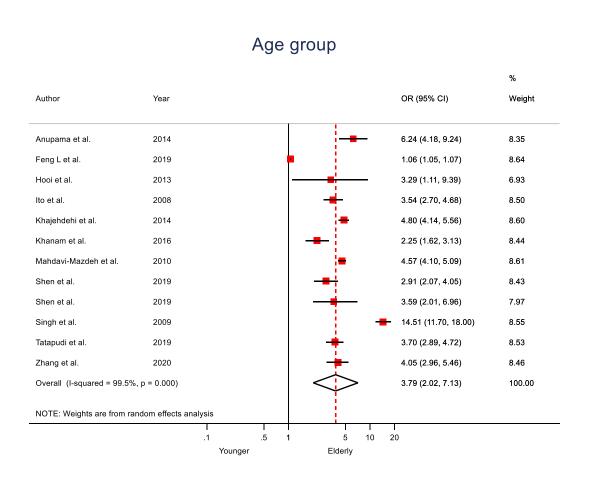


Fig S6. Meta-analysis of association between chronic kidney disease and gender (male or female).

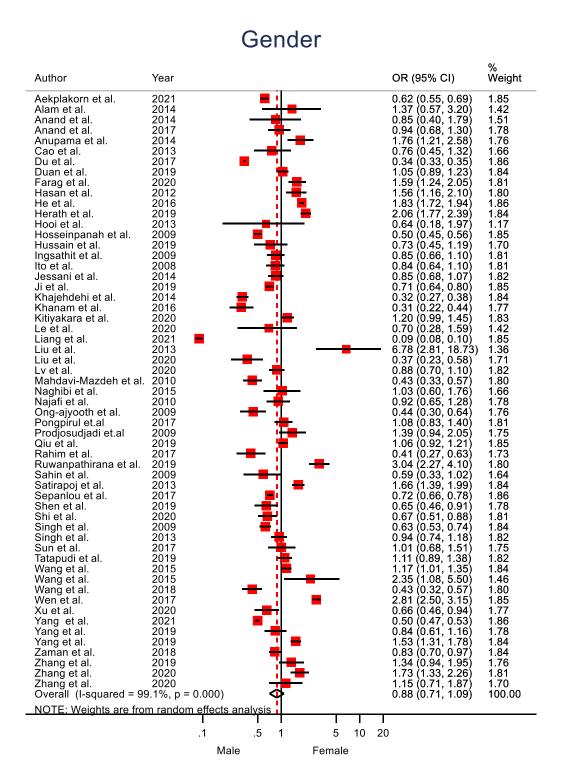


Fig S7. Meta-analysis of association between chronic kidney disease and obese (BMI \geq 25 or 18-25 kg/m²).

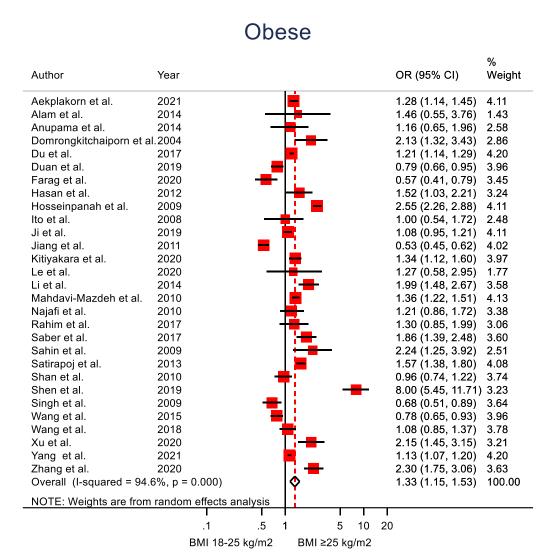


Fig S8. Meta-analysis of association between chronic kidney disease and lower weight (BMI <18 or 18-25 kg/m²).

Lowerweight

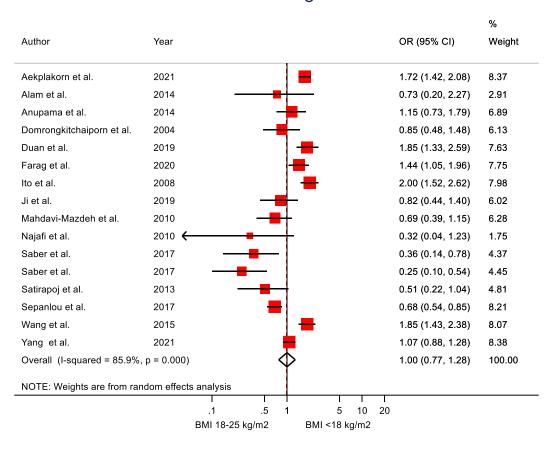
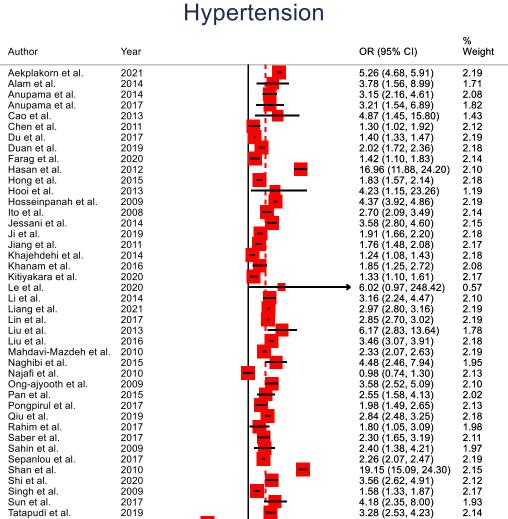


Fig S9. Meta-analysis of association between chronic kidney disease and hypertension (yes or no).



Wang et al. Wang et al.

Yang et al.

Zhang et al.

Zhang et al.

Xu et al.

2015

2018

2020

2021

2019

2020

2020

2.26 (2.07, 2.47)
19.15 (15.09, 24.30)
3.56 (2.62, 4.91)
1.58 (1.33, 1.87)
4.18 (2.35, 8.00)
3.28 (2.53, 4.23)
0.11 (0.10, 0.12)
1.04 (0.77, 1.24)
3.20 (2.15, 4.70)
3.08 (2.90, 3.26)
3.34 (2.41, 4.65) 2.19 2.15 2.08 2.19 3.34 (2.41, 4.65) 3.68 (2.88, 4.70) 1.59 (1.04, 2.42) 2.55 (2.00, 3.25) 2.11 2.15 Zhang et al. 2020 Overall (I-squared = 99.2%, p = 0.000) 2.06 100.00 NOTE: Weights are from random effects analysis 5 10 20 .5 1 Yes No

Fig S10. Meta-analysis of association between chronic kidney disease and diabetes (yes or no).

Diabetes

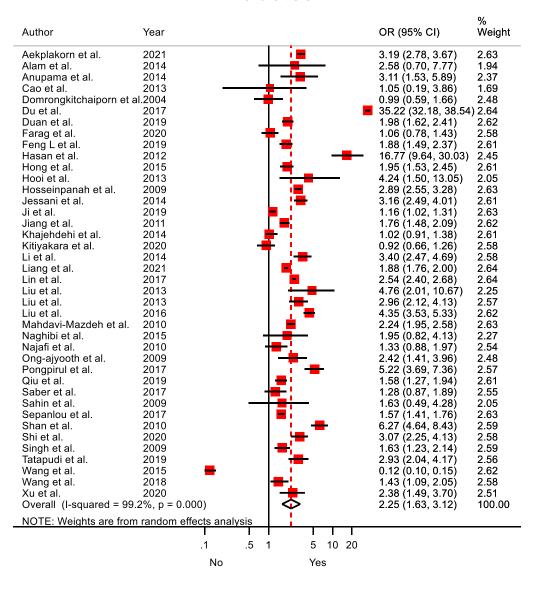


Fig S11. Meta-analysis of association between chronic kidney disease and dyslipidaemia (yes or no).

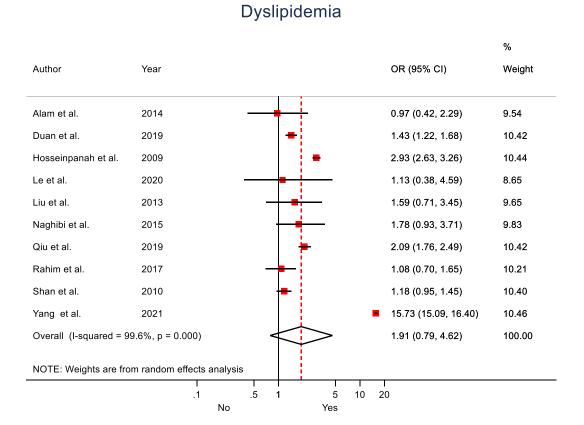


Fig S12. Meta-analysis of association between chronic kidney disease and Hypertriglyceridemia (yes or no).

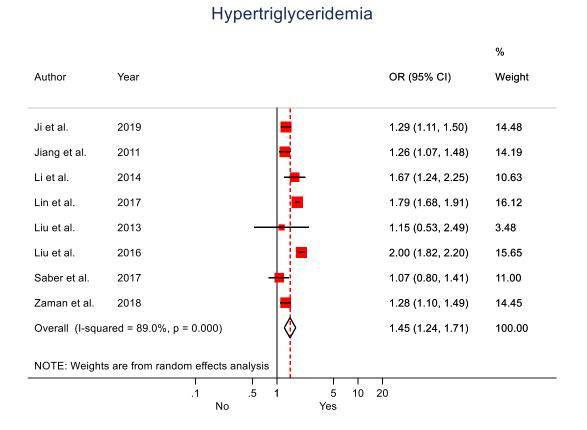


Fig S13. Meta-analysis of association between chronic kidney disease and Hypercholesterolaemia (yes or no).

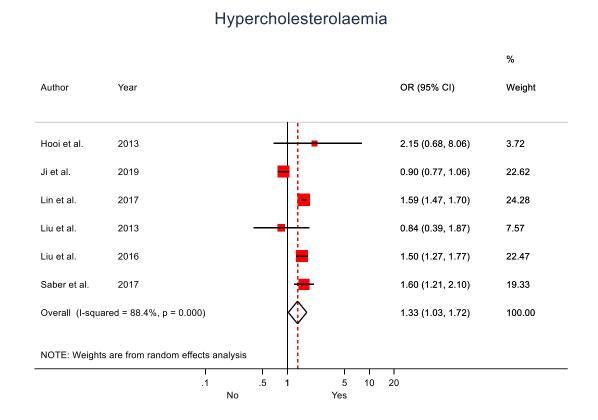


Fig S14. Meta-analysis of association between chronic kidney disease and high level of low-density lipoprotein cholesterol (yes or no).

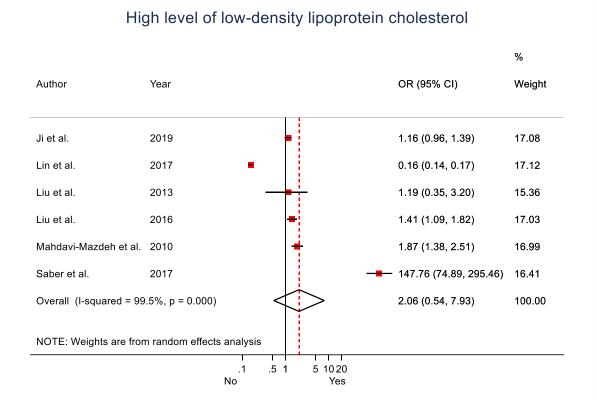


Fig S15. Meta-analysis of association between chronic kidney disease and low level of high-density lipoprotein cholesterol (yes or no).

Low level of high-density lipoprotein cholesterol

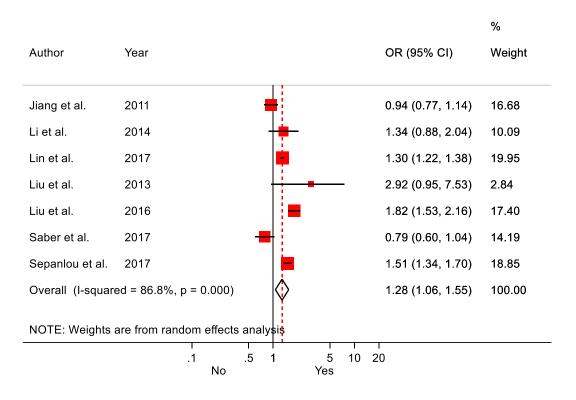


Fig S16. Meta-analysis of association between chronic kidney disease and history of coronary heart disease (yes or no).

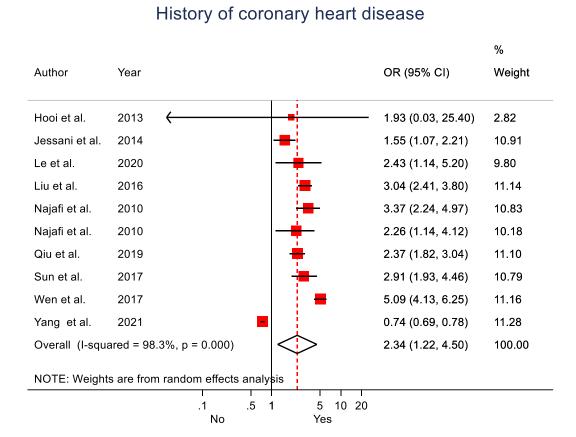


Fig S17. Meta-analysis of association between chronic kidney disease and history of stroke (yes or no).

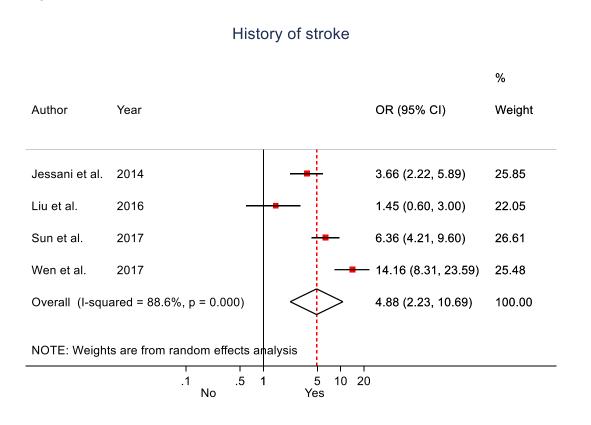


Fig S18. Meta-analysis of association between chronic kidney disease and history of cardiovascular disease (yes or no).

History of cardiovascular disease

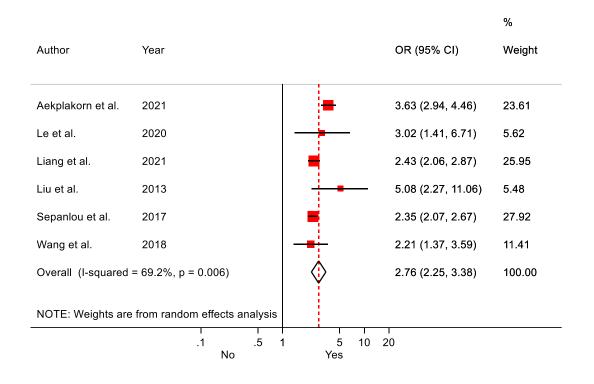


Fig S19. Meta-analysis of association between chronic kidney disease and education (< high school or \geq high school).

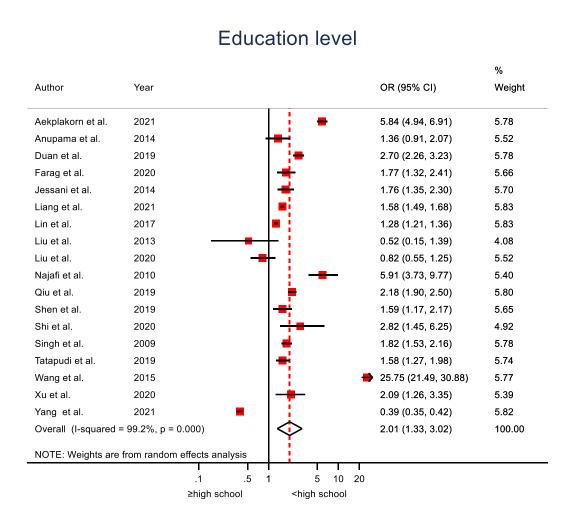


Fig S20. Meta-analysis of association between chronic kidney disease and marital status (being unmarried or married).

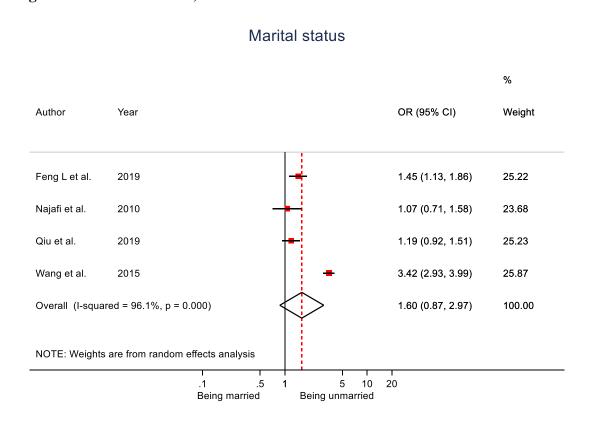


Fig S21. Meta-analysis of association between chronic kidney disease and hyperuricaemia (yes or no).

Hyperuricaemia

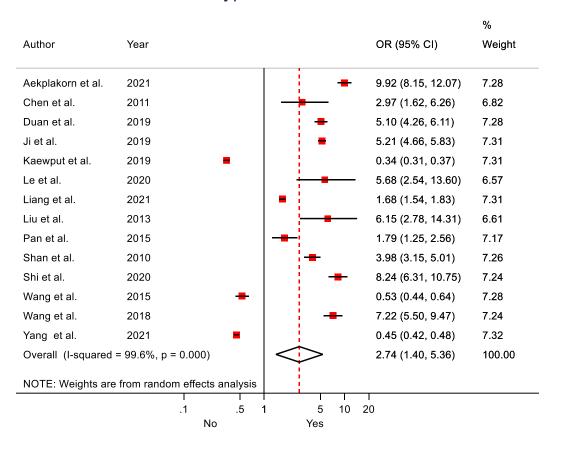


Fig S22. Meta-analysis of association between chronic kidney disease and anemia (yes or no).

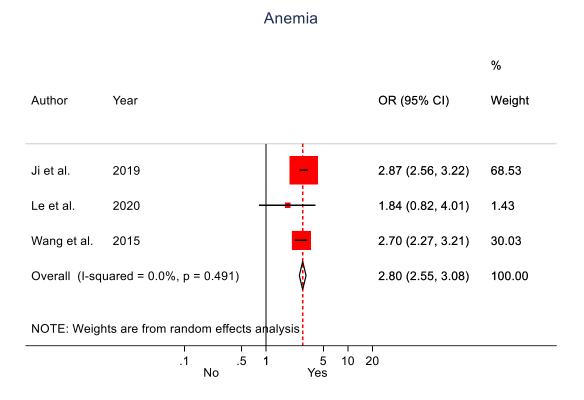


Fig S23. Meta-analysis of association between chronic kidney disease and smoking status (current smoker or non-smoker).

Smoking status

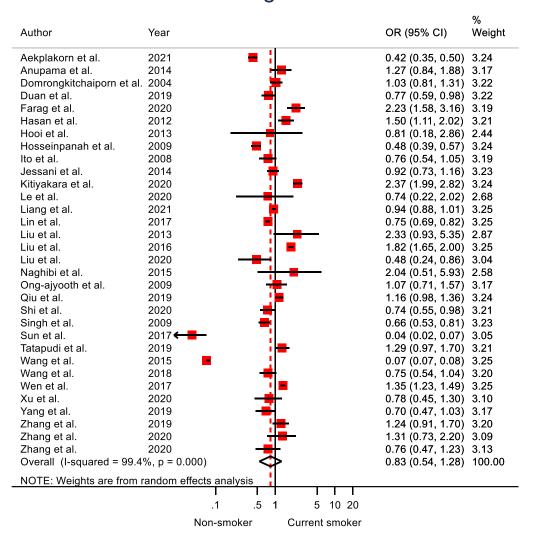


Fig S24. Meta-analysis of association between chronic kidney disease and alcohol consumption (current drinker or non-drinker).

Alcohol consumption

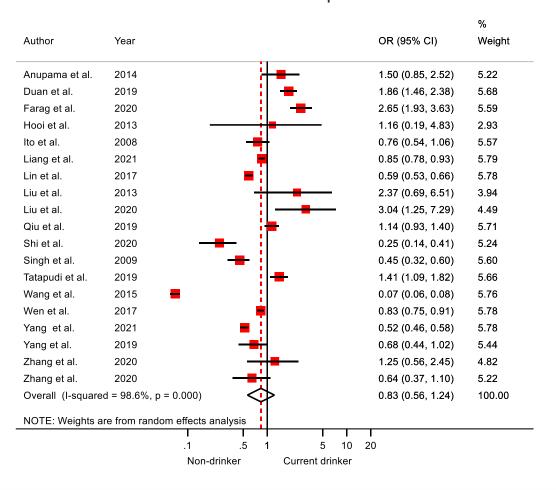
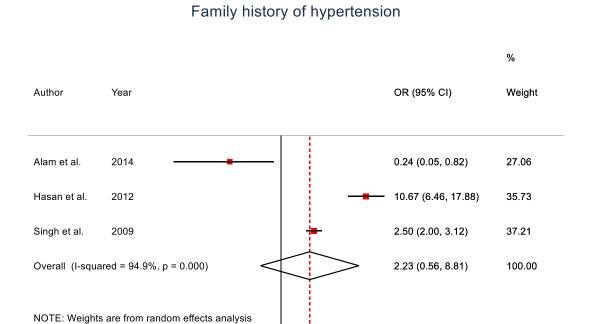


Fig S25. Meta-analysis of association between chronic kidney disease and family history of hypertension (yes or no).



.5

No

20

10

Fig S26. Meta-analysis of association between chronic kidney disease and family history of chronic kidney disease (yes or no).

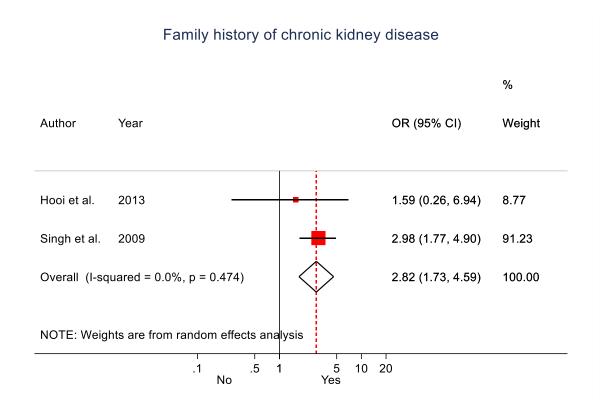


Fig S27. Meta-analysis of association between chronic kidney disease and physical activity (inactive or active).

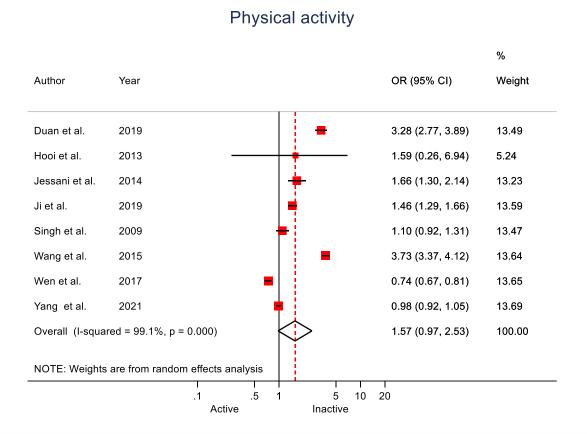


Fig S28. Meta-analysis of association between chronic kidney disease and nonsteroidal anti-inflammatory drugs: NSAIDs use (yes or no).

Nonsteroidal anti-inflammatory drugs:NSAIDs use

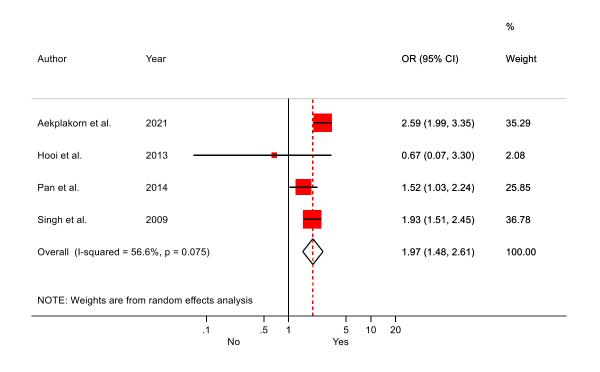


Fig S29. Meta-analysis of association between chronic kidney disease and CD4 cell count in HIV patients (\geq 200 or <200 cells/ml).

