Table S1. Search strategy in CENTRAL, Ovid-Medline and PubMed databases.

CENTRAL
#1 xanthine oxidase inhibitors #2 MeSH descriptor: [Gout Suppressants] explode all trees #3 Febuxostat #4 MeSH descriptor: [Allopurinol] explode all trees #5 Allopurinol #6 MeSH descriptor: [Febuxostat] explode all trees #7 Topiroxostat #8 MeSH descriptor: [Kidney Failure, Chronic] explode all trees #9 MeSH descriptor: [Renal Insufficiency, Chronic] explode all trees #10 CKD or CRF or CRI #11 renal insufficiency or renal failure #12 (#1 or #2 or #3 or #4 or #5 or #6 or #7) #13 (#8 or #9 or #10 or #11) #14 (#12 and #13)
OVID-Medline
1. Kidney diseases [Included related terms] 2. Kidney diseases.mp. or exp Kidney Diseases/ 3. Renal insufficiency.mp. or exp Renal Insufficiency/ 4. Chronic renal insufficiency.mp. or exp Renal Insufficiency, Chronic/ 5. chronic kidney.tw. 6. chronic renal.tw. 7. CKF.tw. 8. ckd.tw. 9. crf.tw. 10. crd.tw. 11. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 12. exp Febuxostat/ or exp Allopurinol/ or exp Gout Suppressants/ 13. febuxostat.tw. 14. allopurinol.tw. 15. topiroxostat.tw. 16. 12 or 13 or 14 or 15 17. 11 and 16 18. limit 17 to human
PubMed
((xanthine oxidase inhibitor OR topiroxostat OR allopurinol OR febuxostat) AND (chronic renal insufficiency OR chronic kidney disease OR chronic renal failure OR CKD or CRF))

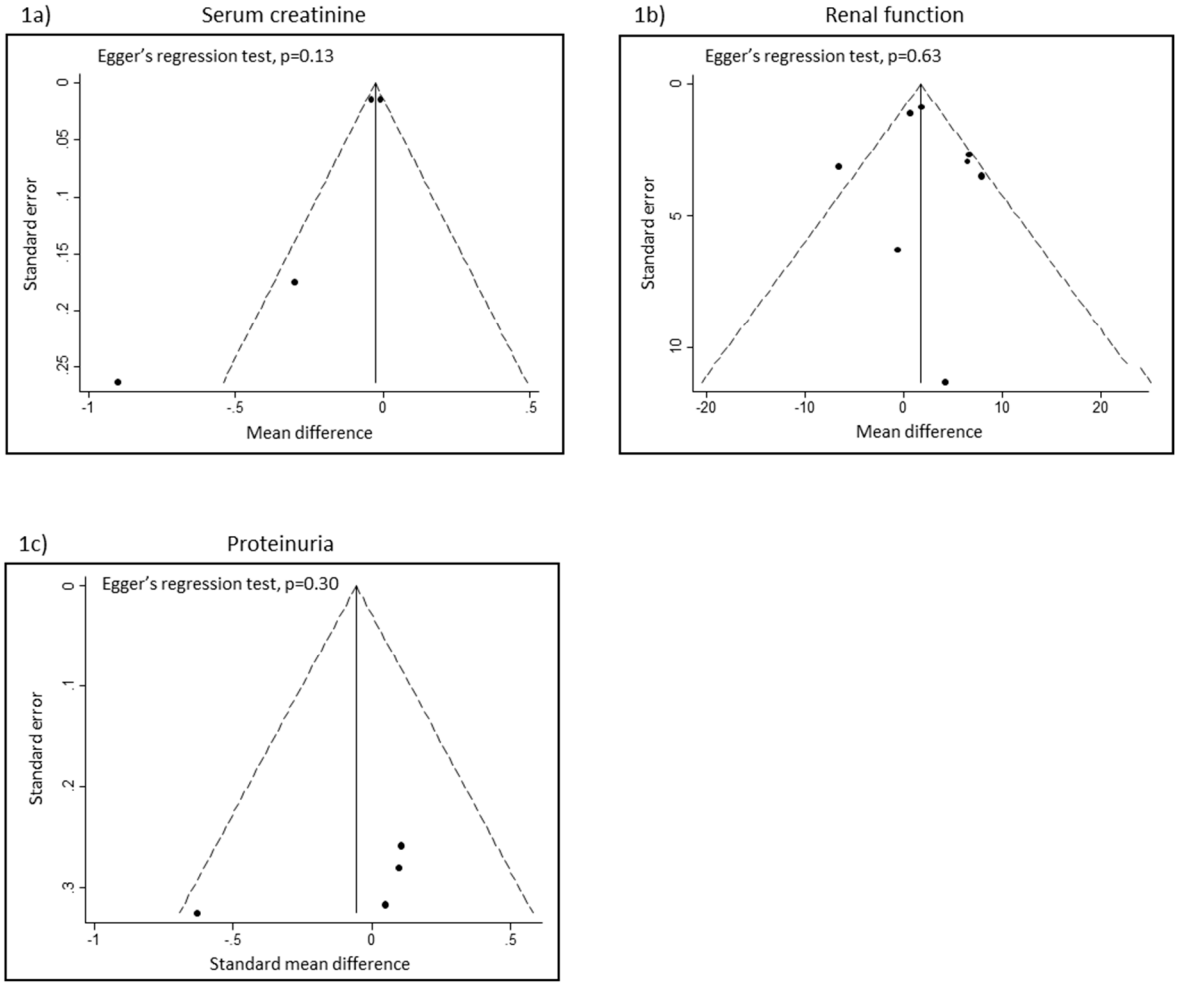

Figure S1. Funnel plots of standard error by difference/standard difference in means and Egger's regression test for assessing publication bias