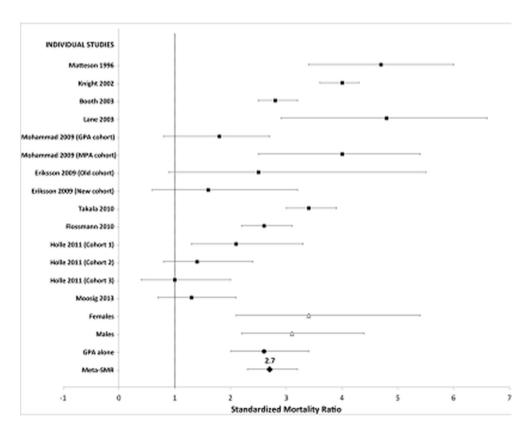
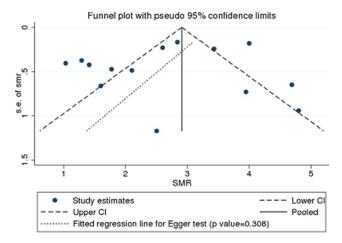


**Figure 1** Flow chart of study selection from literature search. AAV, ANCA-associated vasculitis; ANCA, antineutrophil cytoplasmic antibodies; SMR, standardised mortality ratio.



**Figure 2** Meta-analysis of 10 studies on all-cause mortality in patients with ANCA-associated vasculitis. ANCA, antineutrophil cytoplasmic antibodies; GPA, granulomatosis with polyangiitis; meta-SMR, weighted-pooled summary estimates of standardised mortality ratios.



**Figure 3** Funnel plot of 14 cohort evaluating publication bias of mortality studies in ANCA-associated vasculitis. ANCA, antineutrophil cytoplasmic antibodies.