



**Supplementary Fig. 3.** Association of serum magnesium with obesity and abdominal obesity analyzed by restrictive cubic spline (RCS). (A) Association between serum magnesium and obesity analyzed by RCS after adjusting for confounders in model 6. (B) Association between serum magnesium and abdominal obesity analyzed by RCS after adjusting for confounders in model 6. The solid line and the shaded portion represented the estimated odds ratio and its 95% confidence interval. Knots are at the 10th, 50th, and 90th centiles percentiles for serum magnesium.