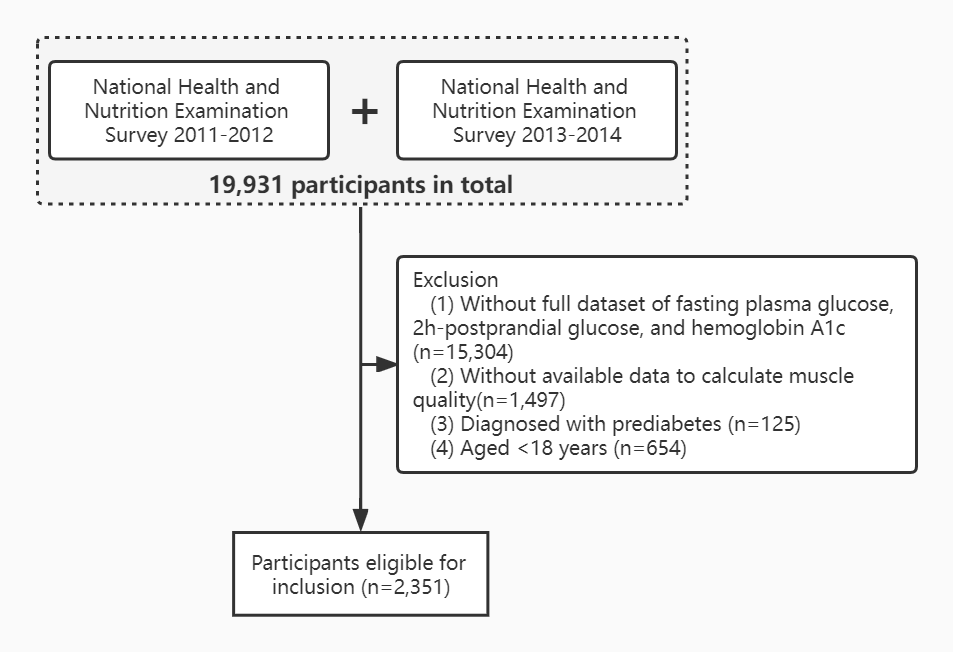
# Supplementary information

**Supplementary Material**

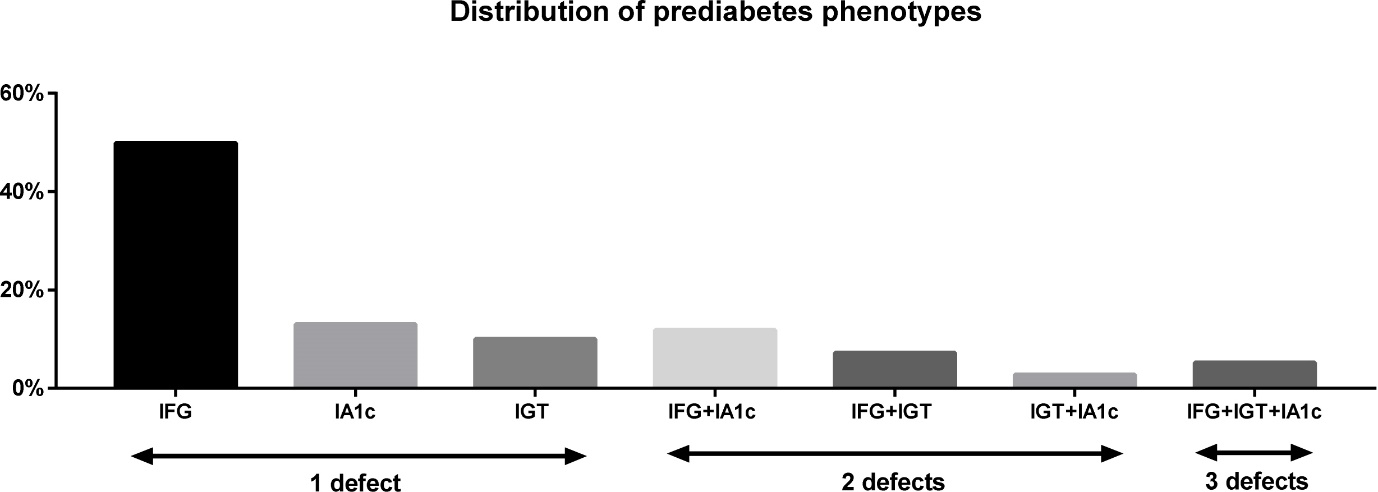
Supplement to: Qiu et al. Muscle quality in relation to prediabetes phenotypes: a population-based study with mediation analysis.

# Figure S1. Study flowchart.



# Figure S2. Distribution of prediabetes phenotypes.

IFG, impaired fasting glucose; IGT, impaired glucose tolerance; IA1c, impaired hemoglobin A1c



# Figure S3. Muscle quality, grip strength, muscle mass in prediabetes with specific glucometabolic defects.

(A) Results on muscle quality in prediabetes with 1 glucometabolic defect; (B) Results on grip strength in prediabetes with 1 glucometabolic defect; (C) Results on muscle mass in prediabetes with 1 glucometabolic defect; (D) Results on muscle quality in prediabetes with 2 glucometabolic defects; (E) Results on grip strength in prediabetes with 2 glucometabolic defects; (F) Results on muscle mass in prediabetes with 2 glucometabolic defects

MSQarm, arm muscle quality; GSdominant, grip strength from dominant hand; MSMarm, arm muscle mass

*Pcomparison* was obtained by using one-way analysis of covariance, controlling for age, sex, race, history of smoking and drinking, physical activity, diet quality, hypertension, and medication use.

