

Table S2. Details of adjusted covariates for each model

Model	Logistic	PSM
Model0	glm(PD~ Nutrition)	NA
Model1	glm(PD~ Nutrition+ Age+ Gender+Education level+ income+ physical activity+ smoking status+ alcohol use+ BMI+ diabetes+ hypertension+ hyperlipidemia)	NA
Model2	glm(PD~ Nutrition+ physical activity+ smoking status+ alcohol use)	Psm(PD~ Age+ Gender+Education level+ income+ BMI+ diabetes + hypertension+ hyperlipidemia)
Model3	glm(PD~ Nutrition)	Psm(PD~ Age+Gender+Education level+ income+ physical activity+ smoking status+ alcohol use+ BMI+ diabetes+ hypertension+ hyperlipidemia)