Table S1. The interactions between self-efficacy scores and selected variables

**Interaction terms Beta coefficients p value**

**1-year risk of first onset MDD**

GSE x sex -0.03 0.38

GSE x age -0.02 0.47

GSE x campus sites -0.03 0.48

GSE x rural/urban residence -0.07 0.05

GSE x family structure 0.04 0.25

GSE x PHQ-9 scores 0.01 0.08

**2-year risk of first onset MDD**

GSE x sex -0.004 0.89

GSE x age -0.01 0.73

GSE x campus sites -0.03 0.31

GSE x rural/urban residence -0.04 0.14

GSE x family structure 0.02 0.54

GSE x PHQ-9 scores 0.003 0.30

**1-year risk of persistent**

**/recurrent MDD**

GSE x sex -0.07 0.24

GSE x age 0.11 0.01

GSE x campus sites -0.17 0.05

GSE x rural/urban residence 0.01 0.82

GSE x family structure -0.06 0.30

GSE x PHQ-9 scores 0.01 0.47

**2-year risk of persistent**

**/recurrent MDD**

GSE x sex -0.09 0.13

GSE x age 0.11 0.01

GSE x campus sites -0.19 0.05

GSE x rural/urban residence 0.03 0.59

GSE x family structure -0.01 0.80

GSE x PHQ-9 scores 0.004 0.49