

Table S1. Associations of Strengthened Physical Education with Academic Performance among Group Sports and Individual Sports in Two and Three Semester Follow-up.

| <i>Panel A. Effect on Change in Scores By Sports Type Over Two Semesters</i> | | | | | |
|--|---------|--------------------|---------------|----------------|--------------------|
| | | Coefficient | 95% CI | p-value | Sample Size |
| Group Sports | | | | | |
| | Chinese | 0.61 | [0.48,0.74] | <0.001 | 310 |
| | English | 0.26 | [0.12,0.40] | 0.02 | 310 |
| | Maths | -0.18 | [-0.32,-0.04] | <0.001 | 310 |
| Individual Sports | | | | | |
| | Chinese | 0.59 | [0.31,0.87] | <0.001 | 302 |
| | English | 0.26 | [0.12,0.39] | <0.001 | 302 |
| | Maths | -0.37 | [-0.56,-0.19] | <0.001 | 302 |

| <i>Panel B. Effect on Change in Scores Over Three Semesters</i> | | | | | |
|---|---------|--------------------|---------------|----------------|--------------------|
| | | Coefficient | 95% CI | p-value | Sample Size |
| Group Sports | | | | | |
| | Chinese | 0.24 | [0.01,0.47] | 0.05 | 290 |
| | English | -0.13 | [-0.32,0.07] | 0.18 | 290 |
| | Maths | -0.20 | [-0.37,-0.03] | 0.02 | 290 |
| Individual Sports | | | | | |
| | Chinese | 0.27 | [-0.01,0.54] | 0.06 | 282 |
| | English | -0.25 | [-0.47,-0.03] | 0.03 | 282 |
| | Maths | -0.26 | [-0.43,-0.09] | 0.01 | 282 |

Notes: Group sports include football, volleyball, and aerobics.

Individual sports include badminton, table tennis and tennis.