**Supplemental Digital Content 2.** Correlation coefficients between physical activity and educational outcomes.

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|  | Academic achievement at the age of 15 years, grade point averagea | Educational attainment at the age of 33–45 years,years of educationb |
| All  |  |  |
| PAI at 15 yc | 0.100\*\*\* | 0.094\*\*\* |
| ∆PAI at12–15 yd | 0.175\*\*\* | 0.125\*\*\* |
| Participation in sports club training at 15 ye | 0.122\*\*\* | 0.090\*\*\* |
| Participation in sports competitions at 15 yf | 0.103\*\*\* | 0.069\*\*\* |
| Women  |  |  |
| PAI at 15 y | 0.213\*\*\* | 0.135\*\*\* |
| ∆PAI at 12–15 y | 0.187\*\*\* | 0.121\*\*\* |
| Participation in sports club training at 15 y | 0.152\*\*\* | 0.104\*\* |
| Participation in sports competitions at 15 y | 0.183\*\*\* | 0.081\*\*\* |
| Men  |  |  |
| PAI at 15 y | 0.142\*\*\* | 0.105\*\*\* |
| ∆PAI at 12–15 y | 0.137\*\*\* | 0.106\*\*\* |
| Participation in sports club training at 15 y | 0.146\*\*\* | 0.097\*\* |
| Participation in sports competitions at 15 y | 0.116\*\*\* | 0.083\*\*\* |

The level of statistical significance: *\*\*\** *p* <0.001, *\*\*p* < 0.01.
a Grade point average (GPA) at the age of 15 referred to a self-reported numerical assessment on a scale of 4–10, where 4 denoted failing and 10 denoted excellent.

b Register-based information on educational attainment based on the years of completed education.
c The physical activity index at the age of 15 years (min-5–max.14).
d ∆PAIillustrates the change in the PAI level between the ages of 12 and 15 years.

e Participation in sports club training sessions at the age of 15 is a binary variable that gets value 1 if an individual participates in organized sports clubs training sessions, and 0 otherwise.

 f Participation in sports competitions at the age of 15 is a binary variable that gets value 1 if an individual participates in national- or regional-level competitions, and 0 otherwise.