**S1 Fig. Beta estimates and corresponding 95% confidence intervals (95% CI) per standard deviation (SD=25,2) increase of Vitamin D on Strengths and Difficulties Questionnaire (SDQ)-Subscales of the parent-ratings for boys aged 3-11 years using different adjusting sets including “Frequency Playing Outside” in linear regression models.**

**Model d: Fully adjusted (Age + SES1 + Migration Background + BMI2 + Tanner Stages)**

**Model e: Fully adjusted (Age + SES1 + Migration Background + BMI2 + Tanner Stages) + Frequency Playing Outside**