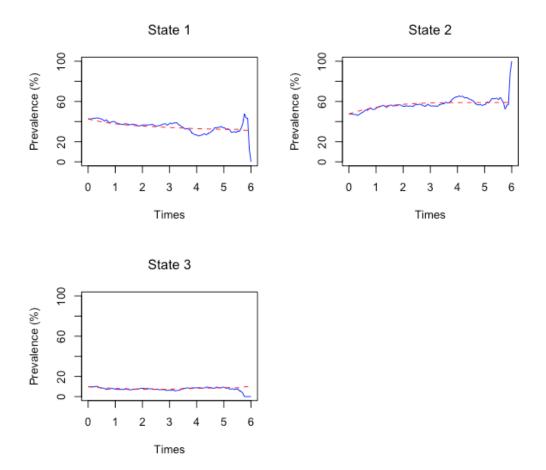
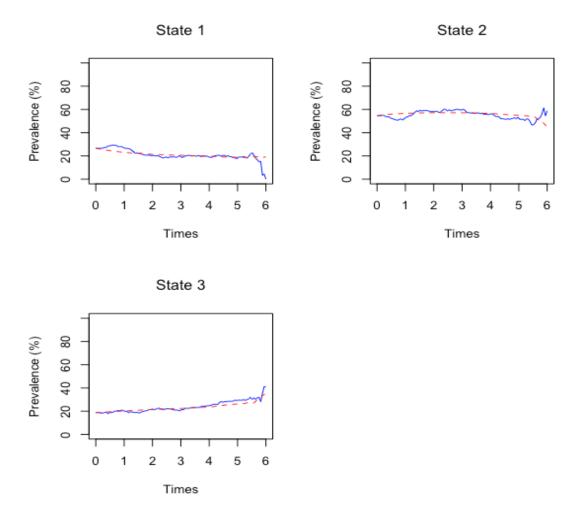
## SUPPLEMENTARY MATERIAL



**Figure S1** The final model for girls: expected (red dotted line) and observed (blue line) prevalence of each state (1- Normal weight, 2 – overweight, 3 – obesity) plotted along follow-up time (years)

225 sixth grader girls in 2013 in Helsinki, Finland



**Figure S2** The final model for boys: expected (red dotted line) and observed (blue line) prevalence of each state (1- Normal weight, 2 – overweight, 3 – obesity) plotted along follow-up time (years)

282 sixth grader boys in 2013 in Helsinki, Finland