

**S3 Table. Description of estimated trajectories and number of participants in each trajectory**

<b>Trajectory Group</b>	<b>N</b>	<b>Polynomial<sup>a</sup></b>	<b>Estimates (SE)<sup>b</sup></b>	<b>p-value<sup>c</sup></b>	<b>Average posterior probability<sup>d</sup></b>
<b>Any opioid</b>					
Minimal-use*	11,806	Cubic	-0.0112 (0.004)	0.003	0.96
Discontinuing use	287	Cubic	0.0305 (0.006)	<0.001	0.72
Incident chronic use	657	Quadratic	-0.0847 (0.011)	<0.001	0.73
Prevalent chronic-use	309	Quadratic	-0.0807 (0.014)	<0.001	0.77
<b>Strong opioids</b>					
Minimal-use	12,317	Quadratic	0.0094 (0.015)	0.52	0.97
Discontinuing use	116	Quadratic	-0.1867 (0.074)	0.011	0.78
Incident chronic use	444	Quadratic	-0.0803 (0.012)	<0.001	0.71
Prevalent chronic-use	182	Quadratic	-0.0641 (0.017)	<0.001	0.81

Note: a=highest order of the trajectory group; b=parameter estimates of the highest order and standard error (SE); c=p-value for the highest order of the trajectory group; d=average posterior probability for the participants assigned to the trajectory group

\*minimal-use refers to participants who reported no opioid use or low use over time