

Figure S1. Flow chart of all participants that were randomised and the assessed study population at study end.

Table S1. AsthmaTuner algorithm classifying automated adjustable treatment and symptoms control based on symptom questions and lung function (FEV₁).

None of the following:	One or two of the following:	Three or more of the following:
<p>1. Lung function < 80% of personal best (FEV₁)</p> <p>Last week any of following:</p> <p>2. Twice need for reliever/rescue inhaler due to asthma symptoms</p> <p>3. Daytime symptoms</p> <p>4. Nocturnal symptoms/awaking</p> <p>5. Limitation in physical activities</p>		

FEV₁ – forced expiratory volume in one second

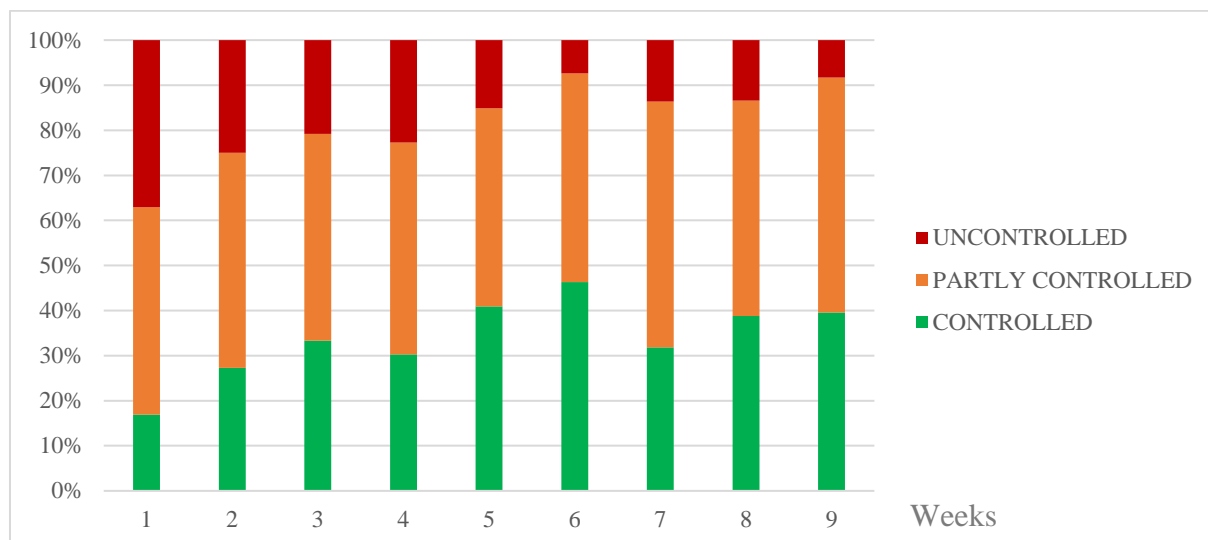


Figure S2. The proportion of participants with uncontrolled, partly controlled and uncontrolled asthma defined by AsthmaTuner algorithm across each study week, n=77.

Table S2. Classification of study participants symptom control by the AsthmaTuner algorithm, and the average number of assessment and automated treatment changes with AsthmaTuner at each study week, n=77.

Week	1	2	3	4	5	6	7	8	9	Diff week 1 to 9
Uncontrolled, %	37	25	21	23	15	7	14	13	8	-29
Partly controlled, %	46	48	46	47	44	46	55	48	52	+6
Controlled, %	17	27	33	30	41	46	32	39	40	+23
Assessments with AsthmaTuner, mean	4.7	2.6	2.5	2.0	2.0	1.8	2.0	1.8	1.3	
Automated treatment changes, mean	1.2	0.7	0.5	0.6	0.4	0.4	0.5	0.5	0.3	

