

## Supplementary Appendix 3

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: McGeachie MJ, Yates KP, Zhou X, et al. Patterns of growth and decline in lung function in persistent childhood asthma. *N Engl J Med* 2016;374:1842-52. DOI: [10.1056/NEJMoa1513737](https://doi.org/10.1056/NEJMoa1513737)

NEJM24Sep15\_pdflinkage data file: use to link to the Patterns PDF and to generate curves (26SEP

Note: NHANES III values are adjusted by sex-race/ethnicity-age-height of patient

N = 22,086 spirometry measures on 1,041 unique patients participating in CAMP

The CONTENTS Procedure

#### Variables in Creation Order

#	Variable	Type	Len	Format	Label
1	pattern	Num	3		Pattern code:1=NG 2=NG/ED 3=RG 4=RG/ED 8=Undetermined, sparse data 9=Undetermined pattern
2	NEWCAMP	Num	4		Random patient ID for linkage to Patterns PDF & NHLBI BioLINCC Repository data files
3	analyzed	Num	3		Patient included in the 684 data analyses (patient has a high-confidence pattern determination with at least 1 spirometry at age 23+ yr):0=no 1=yes
4	maxreach	Num	3		Maximum lung growth attained: 0=no 1=yes
5	agemax	Num	8		Age that maximum lung growth was reached, in years, .=did not reach maximum
6	plateau	Num	3		Plateau phase was started: 0=not begun, 1=yes, 2=no plateau, a decline was immediately began
7	ageplat	Num	8		Age at the start of the plateau phase, in years, .=did not begin a plateau
8	decline	Num	3		Decline of lung function earlier than expected by NHANES III was begun: 0=no 1=yes
9	agedecln	Num	8		Age at the start of the decline, in years, .=did not begin a decline in lung function
10	visit	Char	3		Visit code of spirometry measurement
11	age	Num	8	D5.2	Age of patient at spirometry
12	prefev	Num	8	D5.2	Pre-bronchodilator FEV1 measurement (in Liters)
13	fev_50p	Num	8	D5.2	Expected FEV1 (in liters) based on NHANES III 50th percentile
14	fev_25p	Num	8	D5.2	FEV1 value (in liters) based on NHANES III 25th percentile
15	fev_10p	Num	8	D5.2	FEV1 value (in liters) based on NHANES III 10th percentile
16	fev_5p	Num	8	D5.2	FEV1 value (in liters) based on NHANES III 5th percentile (LLN)

#### Sort Information

Sortedby pattern NEWCAMP age  
 Validated YES  
 Character Set ANSI