

Table S1. Analysis of determinants of anti-pneumococcal, anti-*Haemophilus influenzae* type b, anti-*Neisseria meningitidis* ACYW135, anti-*Neisseria meningitidis* B, and influenza vaccines uptake (YES/NO) through multivariate logistic regression models.

Determinant	Anti-MenB		Anti-MenACYW135		Anti-pneumo		Anti-Hib		Flu vaccine*	
	aOR (95%CI)	p-value								
Sex (male vs. female)	1.05 (0.84-1.32)	0.666	1.09 (0.86-1.38)	0.480	1.11 (0.88-1.41)	0.366	0.93 (0.74-1.17)	0.548	0.91 (0.70-1.17)	0.454
Age at splenectomy (yrs)	0.98 (0.97-0.99)	<0.0001	0.99 (0.97-0.99)	<0.0001	1.00 (0.99-1.00)	0.434	0.99 (0.98-0.99)	<0.0001	1.01 (0.99-1.01)	0.084
Length of hospitalization	0.98 (0.97-0.99)	<0.0001	0.98 (0.97-0.99)	<0.0001	0.97 (0.96-0.98)	<0.0001	0.99 (0.98-0.99)	0.002	0.98 (0.97-0.99)	0.001
Cause of splenectomy (trauma vs. other)	0.84 (0.65-1.09)	0.185	0.76 (0.56-0.99)	0.040	0.92 (0.70-1.19)	0.509	1.06 (0.82-1.36)	0.665	1.05 (0.80-1.40)	0.716

*a flu shot before each flu season that followed the splenectomy