

**Supplemental Digital Content 3 (table)**

**Exploratory linear regression analysis of predictors of serologic responses**

**[log(antibody titre)] at month 7 among girls living with HIV.**

	HPV 6		HPV 11		HPV 16		HPV 18	
<b>Univariable</b>	Estimate (SE)	p value	Estimate (SE)	p value	Estimate (SE)	p value	Estimate (SE)	p value
Age, per year	-0.17 (0.12)	0.16	-0.18 (0.11)	0.13	-0.10 (0.12)	0.42	-0.17 (0.17)	0.32
BMI, per kg/m <sup>2</sup>	-0.09 (0.05)	0.10	-0.11 (0.05)	0.03	-0.06 (0.05)	0.27	-0.07 (0.08)	0.35
CD4, per 100 cells/mm <sup>3</sup>	-0.02 (0.06)	0.69	0.01 (0.06)	0.81	0.06 (0.06)	0.33	-0.01 (0.08)	0.87
CD4 Nadir, per 100 cells/mm <sup>3</sup>	-0.03 (0.06)	0.63	-0.05 (0.06)	0.35	-0.06 (0.06)	0.32	-0.10 (0.08)	0.22
Suppressed Viral Load	0.66 (0.37)	0.08	0.72 (0.34)	0.05	0.71 (0.35)	0.05	1.14 (0.50)	0.03
<b>Multivariable</b>								
BMI (per kg/m <sup>2</sup> )	-0.10 (0.05)	0.05	-0.12 (0.05)	0.01	-0.07 (0.05)	0.16	-0.09 (0.07)	0.21
Suppressed Viral Load	0.74 (0.35)	0.04	0.81 (0.31)	0.01	0.77 (0.34)	0.03	1.21 (0.49)	0.02

<sup>a</sup> SE = standard error