

**Supplemental Digital Content 2 - Table 2.** Multivariable Analysis of on-treatment viral suppression of TDF compared to AZT

Covariates	Unadjusted Models		Adjusted Model	
	OR	95% CI	OR	95% CI
TDF (RC)	1.00	-	1.00	-
AZT	<b>0.56</b>	0.42,0.74	0.76	0.49,1.20
Gender				
Male (RC)	1.00	-	1.00	-
Female	0.94	0.71, 1.25	1.44	0.92, 2.26
Age				
20-29	1.00	-	1.00	-
30-39	<b>2.18</b>	1.36, 3.51	<b>2.99</b>	1.73, 5.15
40-49	<b>2.35</b>	1.40, 3.95	<b>3.34</b>	1.82, 6.10
50 plus	<b>2.13</b>	1.14, 3.97	<b>2.93</b>	1.38, 6.20
Baseline CD4 count				
>301	1.00	-	1.00	-
101-200	0.81	0.55, 1.17	0.68	0.35, 1.33
201-300	0.76	0.52, 1.11	0.78	0.38, 1.59
<100	<b>0.55</b>	0.38, 0.81	<b>0.42</b>	0.22, 0.82
Previous ART				
No	1.00	-	1.00	-
Yes	<b>0.55</b>	0.38, 0.78	<b>0.53</b>	0.31, 0.92
Poor Adherence				
No	1.00	-	1.00	-
Yes	<b>0.72</b>	0.53, 0.98	0.75	0.43, 1.30

Associations meeting a standard statistical significant of  $p < 0.05$  are shown in bold type. RC=reference category