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Appendix F: Early attenders sensitivity analysis results

Table s 1: Early attender's sensitivity analysis results - replacing all 6 month visits with 4 month visits

Variable	Stage 1 models: Adjusted for time since AALPHI interview		Stage 2 models: Adjusted for <i>a priori</i> variables		Stage 3 models: Domain- specific multivariable model including <i>a priori</i> and domain variables	
	Odds Ratio (95% CI)	P value	Odds Ratio (95% CI)	P value	Odds Ratio (95% CI)	P value
<i>A-priori domain</i>						
Month of follow-up (1-12), per month later			0.96 (0.93, 1.00)	0.06		
Sex						
Male	1	-	1	-		
Female	1.07 (0.76, 1.51)	0.70	1.06 (0.76, 1.49)	0.72		
Entry age, per year increase	0.86 (0.80, 0.92)	<0.001	0.85 (0.79, 0.91)	<0.001		
Ethnicity						
Black	1	-	1	-		
Asian/mixed	0.60 (0.36, 1.01)	0.16	0.55 (0.32, 0.95)	0.10		
White	0.90 (0.33, 2.41)		0.93 (0.37, 2.33)			
Born outside of UK						
No	1	-	1	-		
Yes	1.06 (0.74, 1.51)	0.75	0.97 (0.67, 1.40)	0.87		
<i>Sociodemographic domain</i>						
Education/employment status						
In full time education	1	-	1	-		
Employed or not in education, employment or training	0.42 (0.22, 0.82)	0.01	0.62 (0.28, 1.33)	0.22		
Ever excluded from school						
No	1	-	1	-	1	-
Yes	0.59 (0.39, 0.89)	0.01	0.59 (0.38, 0.90)	0.02	0.56 (0.35, 0.89)	0.02
Death of parents						
None or unknown	1	-	1	-		
One or both parent died	0.81 (0.57, 1.15)	0.24	0.87 (0.62, 1.23)	0.44		

Number of main carers						
1 carer	1	-	1	-		
2 carers	1.04 (0.67, 1.59)	0.93	0.91 (0.59, 1.39)	0.81		
3 or more carers	0.92 (0.53, 1.59)		0.85 (0.49, 1.49)			
Live with parents/carers						
Yes	1	-	1	-		
No	0.42 (0.24, 0.75)	0.003	0.68 (0.33, 1.40)	0.29		
Parent/carer in work						
Yes	1	-	1	-		
No	0.83 (0.56, 1.21)	0.30	0.94 (0.62, 1.41)	0.58		
Don't know	0.46 (0.14, 1.49)		0.55 (0.17, 1.75)			
Main language spoken at home						
English/English and another language	1	-	1	-		
A language other than English	0.57 (0.25, 1.30)	0.18	0.56 (0.25, 1.26)	0.16		
IDACI deprivation score, per decile increase (0-1, higher worst)	2.31 (0.77, 6.95)	0.13	2.24 (0.78, 6.42)	0.14	2.58 (0.93, 7.11)	0.07
Risk behaviour practices domain						
Ever smoked						
No	1	-	1	-		
Yes	0.56 (0.36, 0.86)	0.008	0.70 (0.44, 1.31)	0.15		
Current alcohol amount						
No drinking	1	-	1	-	1	-
Light drinking	0.55 (0.38, 0.80)	<0.001	0.70 (0.47, 1.03)	0.11	0.70 (0.47, 1.03)	0.14
Hazardous drinking	0.40 (0.23, 0.69)		0.60 (0.33, 1.09)		0.60 (0.33, 1.09)	
Condom use						
Not sexually active	1	-	1	-		-
Always use a condom	0.88 (0.59, 1.32)	0.19	1.27 (0.78, 2.06)	0.40		
Do not always use a condom	0.58 (0.32, 1.05)		0.83 (0.46, 1.50)			
Mental health domain						
Feelings about HIV, per 1 point increase (higher score better)	1.00 (0.99, 1.01)	0.73	1.00 (0.99, 1.01)	0.79		
Ever self-harmed						
No	1	-	1	-	1	-
Yes	0.63 (0.40, 1.01)	0.06	0.65 (0.39, 1.08)	0.10	0.60 (0.36, 1.02)	0.06

Ever felt life not worth living						
No	1	-	1	-		
Yes	0.89 (0.62, 1.28)	0.54	0.98 (0.66, 1.46)	0.95		
Major Life events, per 1 point increase (higher score better)	1.02 (0.96, 1.08)	0.57	1.02 (0.96, 1.08)	0.53	1.05 (0.99, 1.12)	0.10
Pediatric Quality of Life, per 1 point increase (higher score better)	1.00 (0.99, 1.01)	0.79	1.00 (0.98, 1.01)	0.55	0.98 (0.97, 1.00)	0.04
Rosenberg Self-Esteem Scale, per 1 point increase (higher score better)	0.98 (0.95, 1.02)	0.35	0.98 (0.95, 1.01)	0.21	0.96 (0.92, 1.01)	0.09
HADS anxiety score, per 1 point increase (higher score better)	1.01 (0.96, 1.05)	0.81	0.99 (0.95, 1.04)	0.78		
HADS depression score, per 1 point increase (higher score better)	1.01 (0.95, 1.07)	0.81	1.01 (0.95, 1.07)	0.83	1.01 (0.98, 1.13)	0.13
Cognition domain						
NPZ-6 score* ⁴ , per unit increase in z score (higher score better)	0.84 (0.66, 1.08)	0.17	0.95 (0.74, 1.20)	0.65		
Clinical setting domain						
Clinic location						
In London	1	-	1	-		
Outside London	1.46 (0.98, 2.17)	0.06	1.42 (0.93, 2.16)	0.11		
Clinic type:						
Paediatric	1	-	1	-		
Adolescent	0.58 (0.37, 0.87)	0.03	1.00 (0.54, 1.86)	0.17		
Adult/GUM clinic	1.15 (0.53, 2.46)		2.27 (0.92, 5.58)			
Travel time to clinic	0.98 (0.95, 1.01)	0.18	0.97 (0.94, 1.00)	0.05	0.97 (0.94, 1.00)	0.05
HIV experience and management domain						
Age at naming of HIV						
Aged 11 years and under	1	-	1	-		
Aged 12 and older	1.19 (0.78, 1.82)	0.63	1.11 (0.74, 1.67)	0.87		
Don't remember	1.26 (0.79, 1.81)		1.08 (0.71, 1.63)			
How many people told about HIV						
0-2	1	-	1	-		
3-4	0.77 (0.43, 1.36)		0.89 (0.49, 1.59)			
5-9	1.40 (0.47, 4.14)	0.18	1.67 (0.53, 5.21)	0.26		
≥10	0.44 (0.20, 1.00)		0.51 (0.24, 1.08)			

Adherence Self-assessment					
Excellent or good	1	-	1	-	1
Not so good or bad	0.40 (0.24, 0.65)		0.41 (0.26, 0.65)		0.41 (0.26, 0.65)
Not on ART	0.42 (0.26, 0.71)	<0.001	0.43 (0.26, 0.69)	<0.001	0.43 (0.26, 0.69)
HIV markers category					
HIV severity					
Previous CDC C event					
No CDC C	1	-	1	-	
CDC C ever	0.98 (0.65, 1.48)	0.93	0.94 (0.63, 1.39)	0.75	
CD4 nadir count, per 50 cells/ μ L increase	1.00 (1.00, 1.00)	0.25	1.02 (0.98, 1.06)	0.30	
Viral load (c/mL)					
\leq 50	1	-	1	-	1
>50	0.42 (0.30, 0.60)	<0.001	0.42 (0.30, 0.60)	<0.001	0.43 (0.30, 0.61)
ART					
Time on ART (years)					
\geq 10	1	-	1	-	
>5 to \leq 10	1.41 (0.92, 2.17)		1.29 (0.82, 2.05)		
>1 to \leq 5	1.30 (0.82, 2.07)	0.45	1.14 (0.70, 1.85)	0.71	
>0 to \leq 1	0.99 (0.38, 2.59)		0.86 (0.39, 2.00)		
ART naive	1.45 (0.81, 2.59)		1.30 (0.73, 2.32)		
On Efavirenz during follow-up yr					
No	1	-	1	-	
Yes	1.81 (1.18, 2.79)	0.007	1.64 (1.07, 2.49)	0.02	
Treatment interruption in last 2 yrs					
No	1	-	1	-	
Yes	0.59 (0.38, 0.94)	0.03	0.63 (0.39, 1.02)	0.06	