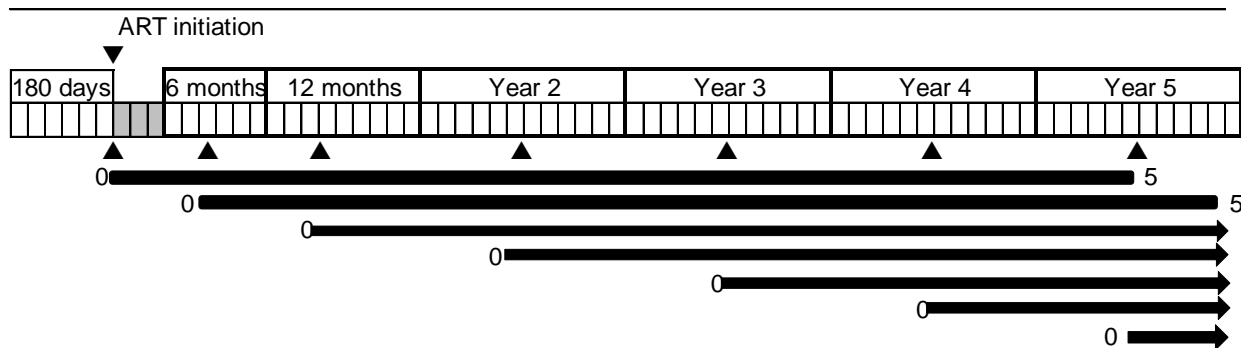


APPENDIX– robustness of VACS index at range of times on ART and length of follow-up



Appendix Figure: Time periods relative to ART initiation date. Follow-up from each time point, indicated by horizontal bars, continues until death, date of last follow-up, or five years.

Appendix Table: Hazard ratio (HR) and c-statistic associated with a five point increment of score obtained at specified time on ART.

Time on ART	Cohort	Follow Up	Died	Restricted Index			VACS Index		
				HR	(95% CI)	c	HR	(95% CI)	c
Initiation	VACS	6 mos	211	1.19	(1.15-1.22)	0.78	1.20	(1.18-1.23)	0.79
		1 year	373	1.17	(1.15-1.20)	0.72	1.19	(1.17-1.22)	0.73
		3 year	785	1.14	(1.12-1.16)	0.73	1.17	(1.15-1.18)	0.75
		5 years	1106	1.13	(1.11-1.14)	0.67	1.15	(1.14-1.16)	0.68
	ART-CC	6 mos	36	1.13	(1.05-1.22)	0.63	1.19	(1.12-1.26)	0.73
		1 year	72	1.16	(1.10-1.22)	0.66	1.21	(1.16-1.26)	0.75
		3 year	129	1.16	(1.12-1.21)	0.68	1.20	(1.16-1.24)	0.75
		5 years	164	1.14	(1.11-1.18)	0.67	1.17	(1.13-1.20)	0.73
6 months	VACS	6 mos	114	1.19	(1.15-1.24)	0.73	1.26	(1.22-1.29)	0.84
		1 year	227	1.18	(1.15-1.21)	0.71	1.24	(1.21-1.27)	0.82
		3 year	570	1.17	(1.15-1.19)	0.70	1.22	(1.20-1.24)	0.78
		5 years	809	1.16	(1.14-1.18)	0.69	1.21	(1.19-1.22)	0.77
	ART-CC	6 mos	28	1.28	(1.19-1.37)	0.75	1.32	(1.24-1.40)	0.86
		1 year	48	1.28	(1.21-1.35)	0.74	1.31	(1.25-1.37)	0.82
		3 year	90	1.29	(1.23-1.34)	0.75	1.30	(1.25-1.35)	0.81
		5 years	115	1.28	(1.23-1.33)	0.75	1.28	(1.23-1.32)	0.80
One year*	VACS	6 mos	74	1.20	(1.15-1.26)	0.74	1.30	(1.25-1.36)	0.73

		3 year	64	1.35	(1.28-1.42)	0.79	1.34	(1.28-1.40)	0.84
		5 years*	86	1.33	(1.27-1.39)	0.78	1.32	(1.27-1.38)	0.82
2 years	VACS	6 mos	58	1.28	(1.21-1.35)	0.80	1.29	(1.24-1.35)	0.87
		1 year	135	1.23	(1.19-1.28)	0.77	1.26	(1.22-1.29)	0.82
		3 year	406	1.22	(1.20-1.24)	0.75	1.24	(1.22-1.26)	0.80
		5 years	555	1.20	(1.18-1.22)	0.74	1.22	(1.20-1.24)	0.79
	ART-CC	6 mos	5	1.44	(1.21-1.73)	0.92	1.41	(1.22-1.63)	0.97
		1 year	15	1.34	(1.21-1.49)	0.83	1.31	(1.20-1.43)	0.88
		3 year	47	1.33	(1.25-1.41)	0.80	1.30	(1.24-1.37)	0.82
		5 years	62	1.31	(1.24-1.38)	0.79	1.29	(1.23-1.36)	0.81
3 years	VACS	6 mos	75	1.24	(1.18-1.29)	0.77	1.25	(1.21-1.30)	0.83
		1 year	137	1.22	(1.18-1.26)	0.75	1.24	(1.21-1.28)	0.82
		3 year	327	1.21	(1.18-1.24)	0.74	1.24	(1.21-1.26)	0.80
		5 years	423	1.20	(1.17-1.22)	0.73	1.23	(1.20-1.25)	0.79
	ART-CC	6 mos	10	1.35	(1.19-1.53)	0.77	1.38	(1.25-1.54)	0.87
		1 year	18	1.38	(1.25-1.51)	0.81	1.41	(1.30-1.52)	0.87
		3 year	43	1.32	(1.24-1.41)	0.79	1.34	(1.27-1.42)	0.82
		5 years	48	1.30	(1.22-1.38)	0.78	1.33	(1.26-1.41)	0.81
4 years	VACS	6 mos	46	1.29	(1.22-1.37)	0.83	1.29	(1.24-1.35)	0.87
		1 year	90	1.24	(1.19-1.29)	0.77	1.27	(1.23-1.31)	0.85
		3 year	233	1.19	(1.16-1.22)	0.72	1.22	(1.20-1.25)	0.80
		5 years	268	1.19	(1.16-1.22)	0.72	1.22	(1.20-1.25)	0.80
	ART-CC	6 mos	5	1.32	(1.13-1.55)	0.85	1.46	(1.27-1.68)	0.96
		1 year	13	1.34	(1.21-1.47)	0.76	1.38	(1.27-1.50)	0.83
		3 year	27	1.27	(1.18-1.37)	0.74	1.34	(1.26-1.43)	0.80
5 years	VACS	6 mos	40	1.16	(1.09-1.23)	0.72	1.24	(1.18-1.30)	0.82
		1 year	71	1.15	(1.10-1.21)	0.71	1.21	(1.17-1.26)	0.80
		3 year	157	1.18	(1.15-1.22)	0.72	1.22	(1.19-1.25)	0.79
		5 years	163	1.19	(1.15-1.22)	0.72	1.22	(1.19-1.25)	0.79
	ART-CC	6 mos	3	1.33	(1.04-1.70)	0.72	1.31	(1.08-1.59)	0.88
		1 year	8	1.34	(1.15-1.57)	0.80	1.29	(1.14-1.46)	0.84
		3 year	13	1.23	(1.09-1.40)	0.73	1.23	(1.11-1.37)	0.79

\* Primary analysis