

Table S1. Statistical Analyses

Parameter**Table Analyzed**

HIV+
vs
HIV+ DU

Mann Whitney test

P value 0,7374
Exact or approximate P value? Gaussian Approximation
P value summary ns
Are medians signif. different? ($P < 0.05$) No
One- or two-tailed P value? Two-tailed
Sum of ranks in column E,F 194 , 472
Mann-Whitney U 121

Table Analyzed

HIV+
vs
HIV+ DU

Mann Whitney test

P value 0,1198
Exact or approximate P value? Gaussian Approximation
P value summary ns
Are medians signif. different? ($P < 0.05$) No
One- or two-tailed P value? Two-tailed
Sum of ranks in column E,F 125 , 505
Mann-Whitney U 80,0

Table Analyzed

HIV+
vs
HIV+DU

Mann Whitney test

P value 0,3287
Exact or approximate P value? Gaussian Approximation
P value summary ns
Are medians signif. different? ($P < 0.05$) No
One- or two-tailed P value? Two-tailed
Sum of ranks in column E,F 174 , 568
Mann-Whitney U 119

Parameter**Table Analyzed**

HIV+
vs
HIV+ DU

Mann Whitney test

P value	0,9256
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05	No
One- or two-tailed P value?	Two-tailed
Sum of ranks in column E,F	188 , 478
Mann-Whitney U	127

Table Analyzed

HIV+
vs
HIV+ DU

Mann Whitney test

P value	0,6178
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05	No
One- or two-tailed P value?	Two-tailed
Sum of ranks in column E,F	154 , 512
Mann-Whitney U	109

Table Analyzed

Column E	HIV+
vs	vs
Column F	HIV+DU

Mann Whitney test

P value	0,2985
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05	No
One- or two-tailed P value?	Two-tailed
Sum of ranks in column E,F	217 , 486
Mann-Whitney U	108

Parameter

Table Analyzed

HIV+
vs
HIV+ DU

Mann Whitney test
P value 0,7622
Exact or approximate P value? Gaussian Approximation
P value summary ns
Are medians signif. different? (P < 0.05 No
One- or two-tailed P value? Two-tailed
Sum of ranks in column E,F 176 , 490
Mann-Whitney U 121

Table Analyzed

HIV+
vs
HIV+DU

Mann Whitney test
P value 0,0376
Exact or approximate P value? Gaussian Approximation
P value summary *
Are medians signif. different? (P < 0.05 Yes
One- or two-tailed P value? Two-tailed
Sum of ranks in column E,F 116 , 550
Mann-Whitney U 71,0

Table Analyzed

Column E HIV+
vs vs
Column F HIV+DU

Mann Whitney test
P value 0,2985
Exact or approximate P value? Gaussian Approximation
P value summary ns
Are medians signif. different? (P < 0.05 No
One- or two-tailed P value? Two-tailed
Sum of ranks in column E,F 217 , 486
Mann-Whitney U 108

Parameter

Table Analyzed

HIV+
vs
HIV+ DU

Mann Whitney test	
P value	0.0542
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05	No
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,B	239 , 465
Mann-Whitney U	86.5

Table Analyzed	
	HIV+
	vs
	HIV+ DU

Mann Whitney test	
P value	0.0275
Exact or approximate P value?	Gaussian Approximation
P value summary	*
Are medians signif. different? (P < 0.05	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,B	118 , 443
Mann-Whitney U	63

Table Analyzed	
	HIV+
	vs
	HIV+ DU

Mann Whitney test	
P value	0,4716
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05	No
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,B	169 , 497
Mann-Whitney U	114

Parameter	
Table Analyzed	
	HIV+
	vs
	HIV+ DU

Mann Whitney test

P value	0,5662	
Exact or approximate P value?	Gaussian Approximation	
P value summary	ns	
Are medians signif. different? (P < 0.05	No	
One- or two-tailed P value?	Two-tailed	
Sum of ranks in column A,B	151 , 515	
Mann-Whitney U		106

Table Analyzed

HIV+
vs
HIV+DU

Mann Whitney test

P value	0,2220
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05	No
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,B	155 , 548
Mann-Whitney U	100

Table Analyzed

HIV+
vs
HIV+ DU

Mann Whitney test

P value	0,2669
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05	No
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,B	141 , 526
Mann-Whitney U	95,5

Parameter

Table Analyzed

HIV+
vs
HIV+ DU

Mann Whitney test

P value	0,2054
Exact or approximate P value?	Gaussian Approximation

P value summary	ns
Are medians signif. different? (P < 0.05	No
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,B	153 , 551
Mann-Whitney U	97,5

Table Analyzed

HIV+
vs
HIV+ DU

Mann Whitney test

P value	0,9800
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05	No
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,B	191 , 512
Mann-Whitney U	134

Table Analyzed

HIV+
vs
HIV+ DU

Mann Whitney test

P value	0,3223
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05	No
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,B	162 , 541
Mann-Whitney U	107

HIV Stimulation

CD4 IFN-γ

HIV+	HIV+	HIV+
vs	vs	vs
HIV+Can	HIV+Coc	HIV+Coc

0.4955	0.5849	0.5849
Gaussian Approximation	Gaussian Approximation	Gaussian Approximation
ns	ns	ns
No	No	No
Two-tailed	Two-tailed	Two-tailed
108 , 82	95.5 , 57.5	95.5 , 57.5
37	29.5	29.5

CD4 IL-17

HIV+	HIV+	HIV+
vs	vs	vs
HIV+Can	HIV+Coc	HIV+Can+Coc

0.5274	0.3677	0.0296
Gaussian Approximation	Gaussian Approximation	Gaussian Approximation
ns	ns	*
No	No	Yes
Two-tailed	Two-tailed	Two-tailed
83.5 , 107	69 , 67	62.5 , 109
38.5	24	17.5

CD4 IFN-γ/IL-17

HIV+	HIV+	HIV+
vs	vs	vs
HIV+Can	HIV+Coc	HIV+Can+Coc

0,9544	0,5552	0,5184
Gaussian Approximation	Gaussian Approximation	Gaussian Approximation
ns	ns	ns
No	No	No
Two-tailed	Two-tailed	Two-tailed
99 , 91	85 , 68	98 , 112
44,0	30,0	43,0

CMV Stimulation

CD4 IFN-γ

HIV+
vs
HIV+Can

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0,9662
Gaussian Approximation
ns
No
Two-tailed
100 , 90
45,0

0,7184
Gaussian Approximation
ns
No
Two-tailed
94 , 59
31,0

0,9684
Gaussian Approximation
ns
No
Two-tailed
104 , 106
49,0

CD4 IL-17

HIV+
vs
HIV+Can

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0,6039
Gaussian Approximation
ns
No
Two-tailed
84 , 106
39,0

0,2938
Gaussian Approximation
ns
No
Two-tailed
67 , 69
22,0

0,8046
Gaussian Approximation
ns
No
Two-tailed
93 , 97
42,0

CD4 IFN- γ /IL-17

HIV+
vs
HIV+Can

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0,3935
Gaussian Approximation
ns
No
Two-tailed
116 , 94.5
39,5

0,9179
Gaussian Approximation
ns
No
Two-tailed
88.5 , 64.5
33,5

0,1206
Gaussian Approximation
ns
No
Two-tailed
123 , 87
32,0

SEB Stimulation

CD4 IFN- γ

HIV+
vs
HIV+Can

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0,5950
Gaussian Approximation
ns
No
Two-tailed
93 , 97
38,0

0,4321
Gaussian Approximation
ns
No
Two-tailed
98.5 , 54.5
26,5

0,4480
Gaussian Approximation
ns
No
Two-tailed
94.5 , 116
39,5

CD4 IL-17

HIV+
vs
HIV+Can

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0.0142
Gaussian Approximation
**
Yes
Two-tailed
56 , 134
11,0

0,8540
Gaussian Approximation
ns
No
Two-tailed
75 , 61
30,0

0,1267
Gaussian Approximation
ns
No
Two-tailed
75 , 115
30,0

CD4 IFN- γ /IL-17

HIV+
vs
HIV+Can

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0,3935
Gaussian Approximation
ns
No
Two-tailed
116 , 94.5
39,5

0,9179
Gaussian Approximation
ns
No
Two-tailed
88.5 , 64.5
33,5

0,1206
Gaussian Approximation
ns
No
Two-tailed
123 , 87
32,0

HIV Stimulation

CD8 IFN- γ

HIV+
vs
HIV+Can

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0.1593
Gaussian Approximation
ns
No
Two-tailed
123 , 87.5
32.5

0.4281
Gaussian Approximation
ns
No
Two-tailed
98 , 55
27

0.0549
Gaussian Approximation
ns
No
Two-tailed
128 , 82
27

CD8 IL-17

HIV+
vs
HIV+Can

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0.3278
Gaussian Approximation
ns
No
Two-tailed
94 , 116
39

0.2036
Gaussian Approximation
ns
No
Two-tailed
79 , 74
24

0.0296
Gaussian Approximation
*
Yes
Two-tailed
79 , 131
24

CD8 IFN- γ /IL-17

HIV+
vs
HIV+ can

HIV+
vs
HIV+ coc

HIV+
vs
HIV+Can+Coc

0,8712
Gaussian Approximation
ns
No
Two-tailed
103 , 107
48,0

0,2031
Gaussian Approximation
ns
No
Two-tailed
79 , 74
24,0

0,8712
Gaussian Approximation
ns
No
Two-tailed
103 , 107
48,0

CMV Stimulation

CD8 IFN- γ

HIV+
vs
HIV+Can

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0,7626	0,3280	0,7117
Gaussian Approximation	Gaussian Approximation	Gaussian Approximation
ns	ns	ns
No	No	No
Two-tailed	Two-tailed	Two-tailed
86 , 104	67 , 69	81 , 90
41,0	22,0	36,0

CD8 IL-17

HIV+	HIV+	HIV+
vs	vs	vs
HIV+Can	HIV+Coc	HIV+Can+Coc
0,5005	0.0426	0,9012
Gaussian Approximation	Gaussian Approximation	Gaussian Approximation
ns	*	ns
No	Yes	No
Two-tailed	Two-tailed	Two-tailed
96 , 114	66 , 87	103 , 107
41,0	11,0	48,0

CD8 IFN- γ /IL-17

HIV+	HIV+	HIV+
vs	vs	vs
HIV+Can	HIV+Coc	HIV+Can+Coc
0,2988	0,3032	0,5274
Gaussian Approximation	Gaussian Approximation	Gaussian Approximation
ns	ns	ns
No	No	No
Two-tailed	Two-tailed	Two-tailed
79 , 111	68 , 68	83.5 , 107
34,0	23,0	38,5

SEB Stimulation

CD8 IFN- γ

HIV+	HIV+	HIV+
vs	vs	vs
HIV+Can	HIV+Coc	HIV+Can+Coc
0,3256	0,1613	0,5199
Gaussian Approximation	Exact	Gaussian Approximation

ns
No
Two-tailed
91.5 , 119
36,5

ns
No
Two-tailed
75 , 78
20,0

ns
No
Two-tailed
96 , 114
41,0

CD8 IL-17

HIV+
vs
HIV+Can

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0,5843
Gaussian Approximation
ns
No
Two-tailed
110 , 100
45,0

0,6463
Gaussian Approximation
ns
No
Two-tailed
86 , 67
31,0

0,9569
Gaussian Approximation
ns
No
Two-tailed
105 , 105
50,0

CD8 IFN- γ /IL-17

HIV+
vs
HIV+Can

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0,6863
Gaussian Approximation
ns
No
Two-tailed
99.5 , 111
44,5

0,2062
Gaussian Approximation
ns
No
Two-tailed
77 , 76
22,0

0,4665
Gaussian Approximation
ns
No
Two-tailed
95.5 , 115
40,5

Parameter	HIV S	
Table Analyzed	C	
	HIV+ vs HIV+ DU	HIV+ vs HIV+Can
Mann Whitney test		
P value	0.0542	0.1593
Exact or approximate P value?	Gaussian Approximation	Gaussian Approximation
P value summary	ns	ns
Are medians signif. different? (P < 0.05)	No	No
One- or two-tailed P value?	Two-tailed	Two-tailed
Sum of ranks in column A,B	239 , 465	123 , 87.5
Mann-Whitney U	86.5	32.5

Table Analyzed	C	
	HIV+ vs HIV+ DU	HIV+ vs HIV+Can
Mann Whitney test		
P value	0.0275	0.3278
Exact or approximate P value?	Gaussian Approximation	Gaussian Approximation
P value summary	*	ns
Are medians signif. different? (P < 0.05)	Yes	No
One- or two-tailed P value?	Two-tailed	Two-tailed
Sum of ranks in column A,B	118 , 443	94 , 116
Mann-Whitney U	63	39

Table Analyzed	CD8	
	HIV+ vs HIV+ DU	HIV+ vs HIV+ can
Mann Whitney test		
P value	0,4716	0,8712
Exact or approximate P value?	Gaussian Approximation	Gaussian Approximation
P value summary	ns	ns
Are medians signif. different? (P < 0.05)	No	No
One- or two-tailed P value?	Two-tailed	Two-tailed
Sum of ranks in column A,B	169 , 497	103 , 107
Mann-Whitney U	114	48,0

Parameter	CMV S	
Table Analyzed	C	
	HIV+ vs HIV+ DU	HIV+ vs HIV+Can

Mann Whitney test

P value	0,5662	0,7626
Exact or approximate P value?	Gaussian Approximation	Gaussian Approximation
P value summary	ns	ns
Are medians signif. different? (P < 0.05)	No	No
One- or two-tailed P value?	Two-tailed	Two-tailed
Sum of ranks in column A,B	151 , 515	86 , 104
Mann-Whitney U	106 41,0	

Table Analyzed

HIV+	HIV+
vs	vs
HIV+DU	HIV+Can

Mann Whitney test

P value	0,2220	0,5005
Exact or approximate P value?	Gaussian Approximation	Gaussian Approximation
P value summary	ns	ns
Are medians signif. different? (P < 0.05)	No	No
One- or two-tailed P value?	Two-tailed	Two-tailed
Sum of ranks in column A,B	155 , 548	96 , 114
Mann-Whitney U	100	41,0

Table Analyzed

HIV+	HIV+
vs	vs
HIV+ DU	HIV+Can

Mann Whitney test

P value	0,2669	0,2988
Exact or approximate P value?	Gaussian Approximation	Gaussian Approximation
P value summary	ns	ns
Are medians signif. different? (P < 0.05)	No	No
One- or two-tailed P value?	Two-tailed	Two-tailed
Sum of ranks in column A,B	141 , 526	79 , 111
Mann-Whitney U	95,5	34,0

Parameter

SEB S

Table Analyzed

HIV+	HIV+
vs	vs
HIV+ DU	HIV+Can

Mann Whitney test

P value	0,2054	0,3256
Exact or approximate P value?	Gaussian Approximation	Gaussian Approximation
P value summary	ns	ns

Are medians signif. different? ($P < 0.05$)	No	No
One- or two-tailed P value?	Two-tailed	Two-tailed
Sum of ranks in column A,B	153 , 551	91.5 , 119
Mann-Whitney U	97,5	36,5

Table Analyzed		
	HIV+	HIV+
	vs	vs
	HIV+ DU	HIV+Can

Mann Whitney test		
P value	0,9800	0,5843
Exact or approximate P value?	Gaussian Approximation	Gaussian Approximation
P value summary	ns	ns
Are medians signif. different? ($P < 0.05$)	No	No
One- or two-tailed P value?	Two-tailed	Two-tailed
Sum of ranks in column A,B	191 , 512	110 , 100
Mann-Whitney U	134	45,0

Table Analyzed		
	HIV+	HIV+
	vs	vs
	HIV+ DU	HIV+Can

Mann Whitney test		
P value	0,3223	0,6863
Exact or approximate P value?	Gaussian Approximation	Gaussian Approximation
P value summary	ns	ns
Are medians signif. different? ($P < 0.05$)	No	No
One- or two-tailed P value?	Two-tailed	Two-tailed
Sum of ranks in column A,B	162 , 541	99.5 , 111
Mann-Whitney U	107	44,5

stimulation

CD8 IFN-γ	
HIV+	HIV+
vs	vs
HIV+Coc	HIV+Can+Coc
0.4281	0.0549
Gaussian Approximation	Gaussian Approximation
ns	ns
No	No
Two-tailed	Two-tailed
98 , 55	128 , 82
27	27

CD8 IL-17	
HIV+	HIV+
vs	vs
HIV+Coc	HIV+Can+Coc
0.2036	0.0296
Gaussian Approximation	Gaussian Approximation
ns	*
No	Yes
Two-tailed	Two-tailed
79 , 74	79 , 131
24	24

CD8 IFN-γ/IL-17	
HIV+	HIV+
vs	vs
HIV+ coc	HIV+Can+Coc
0,2031	0,8712
Gaussian Approximation	Gaussian Approximation
ns	ns
No	No
Two-tailed	Two-tailed
79 , 74	103 , 107
24,0	48,0

Stimulation

CD8 IFN-γ	
HIV+	HIV+
vs	vs
HIV+Coc	HIV+Can+Coc

0,3280	0,7117
Gaussian Approximation	Gaussian Approximation
ns	ns
No	No
Two-tailed	Two-tailed
67 , 69	81 , 90
22,0	36,0

CD8 IL-17

HIV+	HIV+
vs	vs
HIV+Coc	HIV+Can+Coc
0.0426	0,9012
Gaussian Approximation	Gaussian Approximation
*	ns
Yes	No
Two-tailed	Two-tailed
66 , 87	103 , 107
11,0	48,0

IFN-γ/IL-17

HIV+	HIV+
vs	vs
HIV+Coc	HIV+Can+Coc
0,3032	0,5274
Gaussian Approximation	Gaussian Approximation
ns	ns
No	No
Two-tailed	Two-tailed
68 , 68	83.5 , 107
23,0	38,5

stimulation

CD8 IFN-γ

HIV+	HIV+
vs	vs
HIV+Coc	HIV+Can+Coc
0,1613	0,5199
Exact	Gaussian Approximation
ns	ns

No
Two-tailed
75 , 78
20,0

No
Two-tailed
96 , 114
41,0

CD8 IL-17

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0,6463
Gaussian Approximation
ns
No
Two-tailed
86 , 67
31,0

0,9569
Gaussian Approximation
ns
No
Two-tailed
105 , 105
50,0

IFN-γ/IL-17

HIV+
vs
HIV+Coc

HIV+
vs
HIV+Can+Coc

0,2062
Gaussian Approximation
ns
No
Two-tailed
77 , 76
22,0

0,4665
Gaussian Approximation
ns
No
Two-tailed
95.5 , 115
40,5