Supplementary Figure 1: Forest plots for NASH risk factors. A: Age; B: BMI; C: Fasting glucose; D: Triglycerides; E: Total cholesterol; F: Duration of HIV infection; G: CD4 cell count.

A: Age											
	N	IASH		Ne	NASH	ł		Mean Difference Mean Difference			
Study or Subgroup	Mean SD Total			Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI		
Crum-Cianflone	55.5	7.5	4	39.8	10.2	51	31.0%	15.70 [7.84, 23.56]			
Ingiliz	47.31	9.6	16	45.93	7.74	14	33.9%	1.38 [-4.83, 7.59]			
Morse	48.4	8.3	34	49.6	11.2	22	35.1%	-1.20 [-6.65, 4.25]			
Total (95% CI)			54			87	100.0%	4.92 [-4.39, 14.23]			
Heterogeneity: Tau ² = 56.57; Chi ² = 12.54, df = 2 (P = 0.002); l ² = 84%											
Test for overall effect:	Z = 1.04) (P =	0.30)		Favours No NASH Favours NASH						
4											

B: BMI

	N	IASH		No	NASH	I		Mean Difference	Mean Difference		
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI		
Crum-Cianflone	31	8.9	4	27.6	3.8	51	10.1%	3.40 [-5.38, 12.18]			
Ingiliz	23.13	2.79	16	22.87	3.52	14	44.0%	0.26 [-2.04, 2.56]			
Morse	30	5	34	26	3	22	45.9%	4.00 [1.90, 6.10]			
Total (95% CI)			54			87	100.0%	2.29 [-0.77, 5.35]	•		
Heterogeneity: Tau ² = Test for overall effect:			-20 -10 0 10 20 Favours No NASH Favours NASH								

C: Fasting Glucose

	N	ASH		No	NASH	I		Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
Crum-Cianflone	6.2	2.4	4	5.3	1.2	51	4.3%	0.90 [-1.47, 3.27]	
Ingiliz	5.43	0.74	16	4.82	0.49	14	48.6%	0.61 [0.17, 1.05]	
Morse	5.7	0.8	34	5.7	0.9	22	47.1%	0.00 [-0.46, 0.46]	
Total (95% CI)			54			87	100.0%	0.34 [-0.17, 0.84]	•
Heterogeneity: Tau ² =	0.09; CI	hi = 3.							
Test for overall effect:	Z=1.29	(P = 0).20)						Favours No NASH Favours NASH

D: Triglycerides

200 ASH

E: Total Cholesterol

	N	IASH		No	NASH	I		Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% Cl	IV, Random, 95% CI
Crum-Cianflone	231.8	90.8	4	185.6	42.5	51	8.0%	46.20 [-43.54, 135.94]	
Ingiliz	194.1	93.6	16	183.7	77.3	14	17.2%	10.40 [-50.78, 71.58]	_
Morse	192	45	34	191	60	22	74.9%	1.00 [-28.28, 30.28]	
Total (95% CI)			54			87	100.0%	6.22 [-19.12, 31.55]	+
Heterogeneity: Tau² = Test for overall effect:			-200 -100 0 100 200 Favours No NASH Favours NASH						

F: Duration of HIV Infection

	NASH No NASH							Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
Crum-Cianflone	15.8	7.2	4	9.6	6.9	51	19.4%	6.20 [-1.11, 13.51]	
Ingiliz	11.2	4	16	14	5	14	41.7%	-2.80 [-6.07, 0.47]	
Morse	14.7	7	34	16.2	6.7	22	38.9%	-1.50 [-5.16, 2.16]	
Total (95% CI)			54			87	100.0%	-0.55 [-4.48, 3.38]	-
Heterogeneity: Tau² = Test for overall effect:			-20 -10 0 10 20 Favours No NASH Favours NASH						

G: CD4 Count

	NASH No NASH							Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
Crum-Cianflone	326	218.1	4	585.3	272	51	27.6%	-259.30 [-485.70, -32.90]	e
Ingiliz	451.9	165.6	16	392.4	245.6	14	36.0%	59.50 [-92.60, 211.60]	
Morse	625	350	34	544	220	22	36.4%	81.00 [-68.30, 230.30]	
Total (95% CI)			54			87	100.0%	-20.74 [-203.21, 161.73]	
Heterogeneity: Tau ² = Test for overall effect:		•	-500 -250 0 250 500 Favours No NASH Favours NASH						