

eTable 1. Level of completeness of each field of the CRF (at least one response present for each field)

Section number / field name	Number (%) of CRFs with field completed
Total	377 (100)
Section 1 (background demographics)	
Gender	372 (99)
Height	334 (87)
Weight	360 (95)
Year of birth	374 (99)
Section 2 (source documentation availability)	
Hospital files	339 (90)
Section 3 (ongoing risk factors)	
Cigarette smoking	371 (98)
Excessive alcohol consumption	370 (98)
Active illicit injecting drug use	370 (98)
Active illicit non-injecting drug use	369 (98)
Opiate substitution	370 (98)
Section 4 (co-morbidities)	
Ongoing chronic condition	367 (97)
Prior cardiovascular disease	362 (96)
History of depression	364 (96)
History of psychosis	358 (95)
ALT/AST elevation*	278 (95)*
Chronic HBV	372 (99)
Chronic HCV	374 (99)
Chronic HDV	367 (97)
Previous liver decompensation*	280 (96)*
Clinical signs of liver failure 4 weeks prior death	368 (98)
Liver histology available ever	368 (98)
Liver histology stage of fibrosis (where biopsy performed)	33 (97)
Section 5 (cause of death)	
Sudden death	374 (99)
Unexpected death	372 (99)
Illnesses and conditions at the time of death	355 (94)
Narrative of sequence of events leading to death	363 (96)
Condition that directly caused death	342 (91)
Underlying condition	135 (36)
Section 6 (autopsy)	
Has autopsy been performed	370 (98)
Autopsy summary (where autopsy has been performed)	41 (89)
Section 7 (cART and laboratory measurements)	
When and if the patient started ART	360 (95)
Was the patient receiving ART at the time of death	349 (93)
CD4 prior to death	342 (91)
HIV RNA prior to death	325 (86)
Section 8 (relatedness to medication)	
Death related to a medical treatment	365 (97)
Footnote (reporting personnel details)	
Position	345 (91)
Directly involved in the medical care at the time of death	232 (61)
* Excluding CRFs received during Pilot stage of the project in which this questions were not included	

eTable 2. Univariable and multivariable odds ratios for factors predicting agreement by reviewers on cause of death (sensitivity analysis restricting the group to 377 cases reported directly from the centre).

	Univariable		Multivariable*	
	OR (95% CI)	p	OR (95% CI)	p
Demographics				
Age (per 10 year increase)	0.77 (0.63-0.95)	0.013	0.88 (0.67-1.17)	0.386
Data sources available for completion of form				
Hospital files	1.00		1.00	
Other	0.82 (0.48-1.39)	0.451	1.28 (0.64-2.56)	0.480
Co-morbidities				
Ongoing chronic hypertension				
No	1.00		1.00	
Yes	0.7 (0.40-1.22)	0.203	0.53 (0.26-1.09)	0.086
Unknown	1.57 (0.33-7.42)	0.570	1.42 (0.13-15.9)	0.777
Ongoing chronic diabetes mellitus				
No	1.00		1.00	
Yes	1.13 (0.55-2.34)	0.739	2.00 (0.79-5.02)	0.143
Unknown	1.13 (0.22-5.71)	0.881	1.63 (0.13-20.5)	0.706
History of depression				
No	1.00		1.00	
Yes	0.55 (0.33-0.94)	0.029	0.38 (0.20-0.73)	0.004
Unknown	3.05 (1.59-5.84)	0.001	2.46 (1.16-5.22)	0.019
Chronic HCV infection				
No	1.00		1.00	
Yes	1.30 (0.79-2.12)	0.302	1.38 (0.71-2.67)	0.346
Unknown	0.87 (0.32-2.39)	0.791	0.59 (0.15-2.40)	0.463
Cause of death				
Was the death sudden?				
No	1.00		1.00	
Yes	0.54 (0.33-0.89)	0.014	0.94 (0.44-1.99)	0.870
Unknown	0.42 (0.18-1.00)	0.049	0.44 (0.14-1.38)	0.161
Number of diagnoses at time of death (per increase of one diagnosis)	1.13 (1.02-1.25)	0.025	1.14 (1.00-1.31)	0.056
Cause of death (adjudicated)				
AIDS-related	1.00		1.00	
Chronic viral hepatitis	1.06 (0.44-2.52)	0.903	1.27 (0.45-3.56)	0.647
Malignancy (non-AIDS)	0.40 (0.18-0.88)	0.023	0.64 (0.25-1.63)	0.346
MI/heart/vascular	0.79 (0.24-2.61)	0.701	1.17 (0.27-4.98)	0.836
Violent/accident/suicide/substance abuse/psychiatric disease	0.29 (0.14-0.62)	0.002	0.36 (0.13-1.03)	0.056
Other non-AIDS-related	0.13 (0.06-0.28)	<0.001	0.15 (0.06-0.37)	<0.001
Undetermined	0.10 (0.03-0.31)	<0.001	0.12 (0.03-0.51)	0.004
Laboratory values most recent prior to death				
CD4 count (cells/mm ³)				

<50	1.00		1.00	
50-199	0.39 (0.18-0.87)	0.022	0.56 (0.21-1.48)	0.242
200-349	0.30 (0.13-0.69)	0.005	0.55 (0.19-1.61)	0.278
≥350	0.29 (0.13-0.65)	0.002	1.00 (0.35-2.89)	0.997
Unknown	0.41 (0.16-1.06)	0.066	0.85 (0.24-3.01)	0.796
Viral load (copies/mL)				
<50	1.00		1.00	
50-9999	1.25 (0.69-2.28)	0.467	1.16 (0.56-2.41)	0.694
≥10000	2.26 (1.24-4.14)	0.008	1.73 (0.79-3.76)	0.169
Unknown	1.29 (0.62-2.66)	0.494	0.79 (0.27-2.29)	0.664

*Adjusted for all variables in table.