

**Supplementary Table 1.** Representativeness of the socio-demographic, clinical, and pathological characteristics of patients within the remit of the Northern Ireland Biobank (NIB) compared to those outside NIB remit.

Characteristic	All (n=1,426) No. (%)	Non-NIB remit (n=686) No. (%)	NIB remit (n=740) No. (%)	P value*
<i>Year of diagnosis</i>				
2004	220 (15.4)	99 (14.4)	121 (16.4)	
2005	249 (17.5)	94 (13.7)	155 (21.0)	
2006	257 (18.0)	121 (17.6)	136 (18.4)	
2007	340 (23.8)	186 (27.1)	154 (20.8)	
2008	360 (25.3)	186 (27.1)	174 (23.5)	0.001
<i>Sex</i>				
Male	760 (53.3)	362 (52.8)	298 (53.8)	
Female	666 (46.7)	324 (47.2)	342 (46.2)	0.70
<i>Age at diagnosis, years</i>				
Mean (SD)	70.3 (11.7)	70.3 (12.0)	70.3 (11.5)	0.99
<i>Stage</i>				
II	812 (56.9)	386 (56.3)	426 (57.6)	
III	614 (43.1)	300 (43.7)	314 (42.4)	0.62
<i>Income deprivation quintile**</i>				
1 (Most deprived)	268 (18.8)	126 (18.4)	142 (19.2)	
2	291 (20.4)	176 (25.7)	115 (15.5)	
3	322 (22.6)	179 (26.1)	143 (19.3)	
4	274 (19.2)	137 (20.0)	137 (18.5)	
5 (Least deprived)	256 (18.0)	60 (8.8)	196 (26.5)	
Unknown	15 (1.1)	8 (1.2)	7 (1.0)	<0.001
<i>Family history of CRC</i>				
No	569 (39.9)	198 (28.9)	371 (50.1)	
Yes	200 (14.0)	95 (13.9)	105 (14.2)	
Unknown	657 (46.1)	393 (57.3)	264 (35.7)	<0.001
<i>Adjuvant chemotherapy use</i>				
No	961 (67.4)	449 (65.5)	512 (69.2)	
Yes	465 (32.6)	237 (34.5)	228 (30.8)	0.13
<i>ECOG performance status</i>				
0-1	676 (47.4)	298 (43.4)	378 (51.1)	
2	104 (7.3)	57 (8.3)	47 (6.4)	
3-4	53 (3.7)	20 (2.9)	33 (4.5)	
Unknown	593 (41.6)	311 (45.3)	282 (38.1)	0.005
<i>Deaths by 31<sup>st</sup> Dec 2013</i>				
No	777 (54.5)	376 (54.8)	401 (54.2)	
Yes, all-cause	649 (45.5)	310 (45.2)	339 (45.8)	0.81
Yes, colorectal-cancer specific	446 (31.3)	209 (30.5)	237 (32.0)	0.77

Abbreviations: NIB – Northern Ireland Biobank; CRC – colorectal cancer; ECOG – Eastern Cooperative Oncology Group.

\*Chi-squared or t-tests comparing patients within NIB remit versus non-NIB remit patients.

\*\*Area-based measure of socio-economic status.