

Supplementary File 3 – Poverty Tables

Association between living in poverty (below 60% of median income) in 2002 and being frail by 2008, England.

Models	In poverty in 2002	N	Frail in 2008				AIC
			OR	LCI	UCI	P-value	
Frailty definition: Fried's phenotype							
Baseline Model	No	1159	Ref				1207.7
	Yes	183	1.74	1.03	2.96	0.039	
Adjusted Baseline Model*	No	1159	Ref				1104.7
	Yes	183	1.52	0.92	2.52	0.105	
Frailty definition: Rockwood's index							
Baseline Model	No	1159	Ref				1274.3
	Yes	183	2.21	1.30	3.37	0.003	
Adjusted Baseline Model*	No	1159	Ref				1209.5
	Yes	183	1.95	1.20	3.19	0.007	

*Adjusted for age and gender; Note: MIHL=Minimum Income for Healthy Living; OR=Odds Ratio; LCI=Lower confidence interval; UCI=Upper confidence interval; AIC= Akaike Information Criterion.

Association between the duration of living in poverty (below 60% of median income) during 2002-2006 and being frail in 2008, England.

Models	Number of periods in poverty	N	Frail in 2008					Trend P-value	AIC
			OR	LCI	UCI	P-value			
Frailty definition: Fried's phenotype									
Accumulation model	0	1015	Ref				0.031	1200.1	
	1	191	2.02	1.21	3.37	0.007			
	2	86	2.98	1.47	6.03	0.002			
	3	50	1.36	0.53	3.47	0.525			
Adjusted* accumulation model	0	1015	Ref				0.187	1104.2	
	1	191	1.35	0.83	2.19	0.223			
	2	86	2.23	1.15	4.33	0.018			
	3	50	1.08	0.43	2.68	0.873			
Frailty definition: Rockwood's index									
Accumulation model	0	1015	Ref				0.004	1271.1	
	1	191	2.22	1.33	3.71	0.002			
	2	86	2.64	1.31	5.29	0.006			
	3	50	1.83	1.83	0.74	0.187			
Adjusted* accumulation model	0	1015	Ref				0.036	1213.2	
	1	191	1.60	0.99	2.58	0.053			
	2	86	2.08	1.08	3.98	0.028			
	3	50	1.59	0.67	3.75	0.292			

*Adjusted for age and gender; Note: MIHL=Minimum Income for Healthy Living; OR=Odds Ratio; LCI=Lower confidence interval; UCI=Upper confidence interval; AIC= Akaike Information Criterion.