

Appendix. Table S1. Odds ratios (OR) with 95% CIs for cross-sectional associations between pre-frailty and frailty, separately, and vision impairment in English men and women aged 60 years and over in 2004

	Good vision	Poor vision
Participants with pre-frailty, n (%)	1010 (40)	168 (50)
<i>Models for adjustment</i>	OR	OR (95% CI)
Age- and sex-adjusted	1.00	2.10 (1.59-2.77)
Multi-adjusted*	1.00	1.56 (1.16-2.10)
Participants with frailty, n (%)	184 (7)	78 (23)
<i>Models for adjustment</i>	OR	OR (95% CI)
Age- and sex-adjusted	1.00	4.83 (3.30-7.06)
Multi-adjusted*	1.00	2.88 (1.83-4.54)

*Multi-adjusted=adjusted for age, sex, wealth, education, CVD, diabetes, falls, cognition, depression

Appendix. Table S2. Odds ratios (OR) with 95% CIs for cross-sectional associations between individual frailty components and vision impairment in English men and women aged 60 years and over in 2004

Individual frailty components	Good vision	Poor vision
<i>Models for adjustment</i>	OR	OR (95% CI)
<i>Exhaustion, n (%)</i>	558 (22)	142 (42)
Age- and sex-adjusted	1.00	2.34 (1.84-2.97)
Model 2 (M2): M1 + wealth and education	1.00	2.14 (1.67-2.73)
Model 3 (M3): M2 + CVD and diabetes	1.00	1.99 (1.56-2.56)
Model 4 (M4): M3 + falls	1.00	1.94 (1.51-2.49)
Model 5 (M5): M4 + cognition	1.00	1.90 (1.48-2.45)
Multi-adjusted*	1.00	1.81 (1.37-2.39)
 <i>Low physical activity, n (%)</i>	 363 (15)	 121 (36)
Age- and sex-adjusted	1.00	2.90 (2.25-3.74)
Multi-adjusted*	1.00	2.03 (1.55-2.67)
 <i>Slow gait speed, n (%)</i>	 440 (18)	 131 (39)
Age- and sex-adjusted	1.00	2.48 (1.93-3.19)
Multi-adjusted*	1.00	1.71 (1.31-2.24)
 <i>Weak grip, n (%)</i>	 414 (17)	 96 (28)
Age- and sex-adjusted	1.00	1.51 (1.11-2.05)
Adjusted for age, sex, wealth and education	1.00	1.30 (0.95-1.79)
 <i>Weight loss, n (%)</i>	 136 (5)	 26 (8)
Age- and sex-adjusted	1.00	1.49 (0.95-2.32)

*Multi-adjusted=adjusted for age, sex, wealth, education, CVD, diabetes, falls, cognition, depression