Supplementary Table S1. Results of additional analyses using rescaled longitudinal weights - Association between health conditions/concerns and quit success among those who tried to quit between 2016 and 2018 (n=1775^) in ITC 4CV Survey in Australia, Canada, England and the United States

Condition or concern	% with condition^^	% quit for 1 month or longer between waves	Unadjusted model (Bivariate) OR (95% CI) (vs. without concern/condition)	Adjusted Model 1# OR (95% CI) (vs. without concern/condition)	Adjusted Model 2## OR (95% CI) (vs. without concern/condition)
Concerns about past health effects of smoking -Yes (n=1578^)	91.8	38.1	0.74 (0.45-1.21)	0.73 (0.44-1.22)	0.75 (0.45-1.27)
Concerns about future health effects -Yes (n=1641)	96.5	38.1	0.57 (0.29-1.11)	0.56 (0.28-1.10)	0.57 (0.25-1.28)
Depression -Yes (n=390)	23.0	35.6	0.85 (0.71-1.18)	0.90 (0.64-1.27)	0.92 (0.64-1.31)
Anxiety -Yes (n=355)	20.4	39.1	1.03 (0.73-1.45)	1.08 (0.76-1.55)	1.14 (0.79-1.64)
Alcohol problems -Yes (n=57)	3.6	41.6	1.14 (0.52-2.48)	1.17 (0.55-2.51)	1.27 (0.60-2.69)
Severe obesity -Yes (n=60)	3.0	32.0	0.74 (0.33-1.69)	0.75 (0.34-1.67)	0.99 (0.44-2.21)
Chronic pain -Yes (n=247)	12.3	26.3	0.53 (0.35-0.80)**	0.54 (0.35-0.83)*	0.56 (0.36-0.88)*
Diabetes -Yes (n=150)	8.4	38.5	0.99 (0.61-1.62)	1.06 (0.64-1.75)	1.20 (0.71-2.02)
Heart disease -Yes (n=90)	4.2	42.6	1.19 (0.67-2.11)	1.24 (0.70-2.19)	1.33 (0.73-2.43)

Cancer -Yes (n=39)	1.6	32.7	0.77 (0.34-1.73)	0.86 (0.38-1.93)	0.80 (0.35-1.85)
Chronic lung disease -Yes (n=130)	5.5	21.8	0.42 (0.25-0.71)***	0.43 (0.26-0.72)**	0.45 (0.26-0.78)**
Having any of the above 9 condition - Yes (n=840)	45.1	36.0	0.82 (0.63-1.08)	0.88 (0.66-1.16)	0.95 (0.71-1.26)

^ In some analyses the sample size was smaller than the total due to missing cases. ^^The percentage with a reported health condition or concern among those who made quit attempts; rescaled longitudinal weights were used. OR: odds ratio; CI: confidence interval. #Adjusted Model 1: Adjusted for gender, age, education and country. ##Adjusted Model 2: Adjusted for socio-demographics as well as self-efficacy and nicotine dependence. ###Reference value was those without the health concern/condition, and this applies to all conditions. *Significant at p<0.05; **p<0.01; ***p<0.001.