

Supplemental Table 1: Cox proportional hazards models testing differential impact of sex and disease course on multiple sclerosis mortality

Characteristic	HR ¹	95% CI ¹	p-value
Sample			
NZ population	—	—	
MS cohort	2.08	1.82, 2.39	<0.001
Disease course			
Relapsing onset	—	—	
Progressive onset	0.85	0.68, 1.07	0.2
Sample × Disease course			
MS cohort × Progressive onset	1.52	1.16, 1.99	0.002

¹HR = Hazard Ratio, CI = Confidence Interval

Characteristic	HR ¹	95% CI ¹	p-value
Sample			
NZ population	—	—	
MS cohort	2.12	1.81, 2.49	<0.001
Sex			
Female	—	—	
Male	1.55	1.20, 2.01	<0.001
Disease course			
Relapsing onset	—	—	
Progressive onset	0.82	0.62, 1.09	0.2
Sample × sex			
MS cohort × Male	0.93	0.68, 1.29	0.7
Sample × Disease course			
MS cohort × Progressive onset	1.39	0.99, 1.95	0.059
Sex × Disease course			
Male × Progressive onset	0.89	0.56, 1.43	0.6
Sample × sex × Disease course			
MS cohort × Male × Progressive onset	1.35	0.76, 2.39	0.3

¹HR = Hazard Ratio, CI = Confidence Interval