

Table 3. Two-part models of general practitioner, specialist, and hospital services (continued)

Variable	General practitioners			Specialists			Hospitals		
	Logistic	Zero-truncated negative binomial		Logistic	Zero-truncated negative binomial		Logistic	Zero-truncated negative binomial	
	OR	IRR	IRR	OR	IRR	IRR	OR	IRR	IRR
Food allergies <sup>^</sup>	0.86 *	0.93 **	0.93 **	0.84 ***	0.95	0.95	0.95	0.95	1.00
Other allergies <sup>^</sup>	0.91 *	0.93 ***	0.93 ***	0.86	0.97	0.96	0.96	0.92 *	
Other allergies x age <sup>^^</sup>				***					
Asthma <sup>^</sup>	1.10	1.04 *	1.04 *	0.90 **	0.97	1.13 *	1.13 *	0.97	
Arthritis <sup>^</sup>	1.19 ***	1.01	1.01	1.00	0.93 *	0.98	0.98	0.85 ***	
High blood pressure <sup>^</sup>	1.94 ***	1.20 ***	1.20 ***	0.85 ***	0.91	1.12 *	1.12 *	0.57	
High blood pressure x age <sup>^^</sup>								**	
Migraine <sup>^</sup>	0.87	1.08 **	1.08 **	0.89 **	0.94	0.99	0.99	0.84 **	
Migraine x age <sup>^^</sup>	***								
Urinary incontinence <sup>^</sup>	1.07	0.93 *	0.93 *	1.13 *	0.92	1.14	1.14	1.13 *	
Urinary incontinence x age <sup>^^</sup>									
Diabetes <sup>^</sup>	1.35 **	1.20	1.20	1.02	1.08	8.71 ***	8.71 ***	1.10	
Diabetes x age <sup>^^</sup>		**	**			***	***		
Chronic bronchitis <sup>^</sup>	1.12	0.99	0.99	0.84 **	0.95	1.19 **	1.19 **	1.04	
Heart disease <sup>^</sup>	1.37 ***	1.13 ***	1.13 ***	1.60 ***	0.93	1.91 ***	1.91 ***	0.20 **	
Heart disease x age <sup>^^</sup>								**	
Cancer <sup>^</sup>	0.26	1.20 ***	1.20 ***	3.53 ***	1.64	2.46	2.46	0.45	
Cancer x age <sup>^^</sup>	***				**	***	***	***	
Stomach or intestinal ulcers <sup>^</sup>	1.17	1.10 **	1.10 **	1.77 *	0.88 *	1.15	1.15	0.92	
Stomach or intestinal ulcers x age <sup>^^</sup>				**					
Bowel disorders <sup>^</sup>	1.37 *	1.10	1.10	1.49 ***	1.05	1.34 ***	1.34 ***	3.55 ***	
Bowel disorders x age <sup>^^</sup>								***	
Eye problem <sup>^</sup>	0.76 **	0.90 ***	0.90 ***	0.84 ***	1.00	0.96	0.96	0.91	
Eye problem x age <sup>^^</sup>									
Thyroid condition <sup>^</sup>	1.63 ***	1.06 *	1.06 *	1.07	0.98	0.92	0.92	0.87	
Epilepsy <sup>^</sup>	1.14	0.99	0.99	1.15	1.12	1.34	1.34	1.16	
Epilepsy x age <sup>^^</sup>								***	
Chronic fatigue syndrome <sup>^</sup>	0.93	1.05	1.05	0.94	0.98	0.84 *	0.84 *	1.18	
Chronic fatigue syndrome x age <sup>^^</sup>								**	
Stroke <sup>^</sup>	2.17	0.54	0.54	0.80 *	0.99	1.34 **	1.34 **	1.42 ***	
Stroke x age <sup>^^</sup>	**	**	**						