

Sensitivity analyses - length of follow-up and type of parametric model

	Follow-up until									Parametric model														
	30/11/2014			31/03/2015			31/03/2015 (HES only)			Exponential			Weibull			Gompertz			Log-Normal			Log-Logistic		
	HR	95% CI		HR	95% CI		HR	95% CI		HR	95% CI		HR	95% CI		HR	95% CI		HR	95% CI		HR	95% CI	
Specialty	(base category)			(base category)			(base category)			(base category)			(base category)			(base category)			(base category)			(base category)		
Medical	1.96	1.46	2.64	1.82	1.40	2.36	3.19	2.51	4.05	1.63	1.30	2.05	1.63	1.30	2.05	1.64	1.30	2.08	0.53	0.38	0.76	0.75	0.67	0.86
Other	1.93	1.37	2.72	1.74	1.28	2.36	1.60	1.19	2.14	1.72	1.30	2.28	1.72	1.30	2.28	1.82	1.37	2.42	0.59	0.37	0.95	0.80	0.67	0.97
Surgical																								
Volume of activity in 2008	(base category)			(base category)			(base category)			(base category)			(base category)			(base category)			(base category)			(base category)		
53-99	0.75	0.59	0.97	0.79	0.64	0.98	0.78	0.65	0.94	0.82	0.69	0.97	0.82	0.69	0.97	0.81	0.68	0.97	1.31	1.00	1.73	1.12	1.01	1.23
100-199	0.67	0.50	0.91	0.79	0.62	1.00	0.76	0.61	0.96	0.83	0.67	1.03	0.83	0.67	1.03	0.84	0.67	1.05	1.55	1.10	2.18	1.15	1.02	1.28
200-299	0.69	0.52	0.93	0.65	0.50	0.83	0.62	0.49	0.79	0.72	0.58	0.89	0.72	0.58	0.89	0.70	0.56	0.88	1.64	1.14	2.35	1.19	1.06	1.35
300-399	0.95	0.71	1.26	0.92	0.72	1.18	0.80	0.63	1.03	0.91	0.73	1.13	0.91	0.73	1.13	0.90	0.72	1.13	1.20	0.84	1.70	1.07	0.95	1.21
400-499	0.53	0.42	0.67	0.57	0.47	0.68	0.53	0.44	0.63	0.60	0.51	0.70	0.60	0.51	0.70	0.60	0.51	0.70	2.13	1.54	2.94	1.32	1.20	1.45
>=500																								
Volume x Specialty																								
Other x 100-199	1.27	0.86	1.87	1.24	0.85	1.81	1.14	0.82	1.58	1.31	0.95	1.82	1.31	0.95	1.82	1.39	1.00	1.95	0.87	0.54	1.42	0.94	0.80	1.12
Other x 200-299	0.73	0.41	1.28	0.82	0.53	1.27	0.72	0.49	1.05	0.81	0.54	1.22	0.81	0.54	1.21	0.84	0.56	1.25	1.04	0.53	2.08	1.11	0.89	1.40
Other x 300-399	0.50	0.21	1.22	0.69	0.32	1.48	0.49	0.25	0.95	0.58	0.31	1.09	0.58	0.31	1.09	0.59	0.31	1.13	1.80	0.73	4.45	1.24	0.88	1.74
Other x 400-499	0.86	0.38	1.93	0.67	0.28	1.60	0.65	0.30	1.38	0.77	0.40	1.48	0.77	0.40	1.48	0.76	0.40	1.47	2.02	0.76	5.36	1.42	1.02	1.97
Other x >=500	0.44	0.26	0.72	0.36	0.24	0.56	0.21	0.14	0.32	0.45	0.30	0.66	0.45	0.30	0.66	0.45	0.31	0.67	2.81	1.57	5.02	1.53	1.24	1.91
Surgical x 100-199	0.87	0.59	1.29	0.86	0.60	1.23	0.89	0.63	1.26	0.86	0.62	1.20	0.86	0.62	1.20	0.83	0.59	1.17	1.05	0.60	1.84	1.02	0.82	1.26
Surgical x 200-299	0.69	0.44	1.08	0.69	0.48	1.00	0.75	0.52	1.08	0.70	0.50	0.98	0.70	0.50	0.98	0.66	0.47	0.93	1.18	0.71	1.98	1.12	0.91	1.37
Surgical x 300-399	0.56	0.35	0.90	0.69	0.47	1.02	0.72	0.49	1.04	0.64	0.45	0.91	0.64	0.45	0.91	0.62	0.44	0.88	1.54	0.88	2.68	1.21	0.98	1.50
Surgical x 400-499	0.39	0.25	0.61	0.43	0.30	0.63	0.47	0.33	0.68	0.41	0.29	0.57	0.41	0.29	0.57	0.39	0.28	0.55	2.78	1.52	5.08	1.49	1.20	1.85
Surgical x >=500	0.47	0.33	0.68	0.54	0.39	0.74	0.56	0.41	0.75	0.53	0.39	0.71	0.53	0.39	0.71	0.50	0.38	0.68	1.96	1.19	3.23	1.33	1.09	1.61
Country of primary medical qualification																								
UK trained	(base category)			(base category)			(base category)			(base category)			(base category)			(base category)			(base category)			(base category)		
Foreign trained	1.25	1.10	1.42	1.23	1.10	1.38	1.25	1.12	1.39	0.96	0.88	1.04	0.96	0.86	1.06	1.29	1.16	1.43	0.64	0.58	0.71	0.68	0.65	0.72
Consultant age (in 2008)																								
<=40	(base category)			(base category)																				
41-45	1.12	0.86	1.47	1.15	0.93	1.42	1.18	0.98	1.42	1.05	0.88	1.25	1.05	0.88	1.26	0.90	0.75	1.07	1.02	0.87	1.19	1.13	1.06	1.20
46-50	1.20	0.92	1.58	1.23	0.99	1.54	1.18	0.97	1.43	1.19	1.00	1.42	1.19	0.98	1.45	0.86	0.71	1.04	1.01	0.85	1.19	1.25	1.17	1.33
51-55	1.51	1.13	2.01	1.61	1.26	2.04	1.47	1.18	1.82	2.42	2.06	2.83	2.43	1.99	2.95	1.45	1.18	1.78	0.50	0.35	0.72	1.08	1.00	1.16
56-60	2.69	1.92	3.76	2.60	1.99	3.41	2.29	1.77	2.96	6.36	5.43	7.45	6.40	5.17	7.91	3.15	2.49	3.99	0.08	0.03	0.21	0.73	0.65	0.82
61-65	3.80	2.59	5.56	3.41	2.48	4.69	2.84	2.10	3.84	12.34	10.42	14.60	12.42	9.70	15.89	5.05	3.80	6.72	0.00	0.00	0.04	0.35	0.23	0.52
>65	3.61	2.26	5.75	3.24	2.17	4.82	2.55	1.70	3.84	13.45	10.54	17.15	13.55	9.80	18.74	4.30	2.90	6.38	0.00	0.00	0.05	0.34	0.26	0.44
Consultant gender																								
Male	(base category)			(base category)			(base category)			(base category)			(base category)			(base category)			(base category)			(base category)		
Female	1.01	0.76	1.34	0.91	0.70	1.18	1.11	0.89	1.38	0.84	0.66	1.07	0.84	0.66	1.07	0.84	0.66	1.07	1.12	0.92	1.36	1.07	0.99	1.16
Revalidation status																								
Pre-policy - not subject to revalidation	(base category)			(base category)			(base category)			(base category)			(base category)			(base category)			(base category)			(base category)		
Post-policy - awaiting revalidation	1.61	1.43	1.81	1.98	1.80	2.18	2.08	1.90	2.27	2.67	2.44	2.91	2.67	2.43	2.92	2.38	2.17	2.62	0.36	0.26	0.49	0.72	0.69	0.76
Post-policy - deferred/non-engagement	0.57	0.08	4.13	2.53	1.72	3.72	2.95	2.08	4.18	4.14	3.23	5.29	4.14	3.23	5.30	3.63	2.82	4.67	0.15	0.07	0.31	0.58	0.49	0.67
Post-policy - revalidated	1.14	0.83	1.57	1.37	1.20	1.57	1.73	1.54	1.95	2.20	1.98	2.45	2.21	1.97	2.47	1.89	1.69	2.12	0.50	0.39	0.64	0.83	0.79	0.87
Baseline risk																								
Constant										0.0000277	0.0000226	0.0000341	0.99	0.79	1.25	1.00	1.00	1.00	1.04	0.86	1.27	0.29	0.27	0.31
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