

**Additional file 8**

Variables	OR				95 CI%				Significance			
Age	1.14	1.14	1.15	1.15	1.04 – 1.27	1.04 – 1.27	1.05 – 1.28	1.05 – 1.28	0.011*	0.010*	0.006*	0.004*
Sex	2.47	2.73	2.26	1.79	0.70 – 10.73	0.76 – 12.14	0.66 – 9.15	0.51 – 7.35	0.186	0.147	0.216	0.384
Syndromic diagnosis	0.44	0.41	0.43	0.41	0.11 – 1.64	0.10 – 1.50	0.10 – 1.61	0.10 – 1.53	0.237	0.193	0.224	0.200
Hypertension	6.04	5.59	5.92	6.05	1.82 – 22.71	1.65 – 21.17	1.77 – 22.47	1.80 – 23.11	0.005*	0.007*	0.005*	0.005*
Diabetes mellitus	1.38	1.45	1.27	1.51	0.17 – 7.71	0.17 – 8.18	0.15 – 7.09	0.18 – 8.79	0.735	0.696	0.798	0.668
Dyslipidemia	0.38	0.36	0.37	0.39	0.10 – 1.28	0.10 – 1.23	0.10 – 1.26	0.10 – 1.36	0.135	0.120	0.128	0.158
Heart disease	0.78	0.80	0.76	0.72	0.08 – 4.87	0.08 – 5.32	0.08 – 4.58	0.08 – 4.29	0.805	0.832	0.787	0.740
Respiratory disease	4.22	4.17	4.17	4.09	0.80 – 22.05	0.79 – 21.98	0.79 – 21.97	0.73 – 22.82	0.081	0.085	0.086	0.101
Smoking	6.57	7.75	6.82	5.95	1.76 – 29.29	1.98 – 37.72	1.82 – 30.38	1.51 – 27.37	0.008*	0.006*	0.007*	0.014
A status	0.00	0.00	7.02	inf	0.00 – inf	0.00 – 68.42	0.00 - inf	0.46 - inf	0.476	0.152	0.743	0.085
VD Nasal	1.01	1.03	1.04	1.06	0.80 – 1.26	0.83 – 1.28	0.85 – 1.29	0.87 – 1.32	0.950	0.805	0.707	0.546
VD Temporal	1.17	1.08	1.18	1.12	0.91 – 1.53	0.81 – 1.45	0.92 – 1.54	0.88 – 1.47	0.241	0.605	0.203	0.389
VD Superior	0.91	0.91	0.92	0.90	0.80 – 1.02	0.80 – 1.02	0.80 – 1.08	0.79 – 1.01	0.115	0.110	0.293	0.088
VD Inferior	1.03	1.03	1.04	1.20	0.90 – 1.15	0.91 – 1.15	0.92 – 1.15	0.99 – 1.50	0.665	0.626	0.514	0.080
VD Nasal * A status	1.17				0.78 – 1.91				0.487			
VD Temporal * A status		1.34				0.91 – 2.05				0.155		
VD Superior * A status			0.95				0.71 – 1.19				0.709	
VD Inferior * A status				0.80				0.61 – 1.01				0.079