

Table S5. Frequency of sub-sample coefficients that fall within 95% confidence interval of the models' coefficients. Confidence interval width of the models' coefficients are reported in parentheses in the header. Frequencies below 0.95 colored in red.

% sample	Max - BS		Med - BS		Mn - BS		Max - HR		Med - HR		Mn - HR	
	α (0.1)	β (0.08)	α (0.14)	β (0.11)	α (0.15)	β (0.13)	α (0.1)	β (0.05)	α (0.12)	β (0.07)	α (0.12)	β (0.06)
90%	1	1	1	1	1	1	0.98	1	1	1	1	1
80%	1	1	1	1	1	1	0.92	1	1	1	1	1
70%	1	1	1	1	1	0.997	0.87	0.999	1	1	0.999	0.998
60%	0.99	0.99	0.995	0.99	0.99	0.991	0.804	0.997	0.996	1	0.984	0.99
50%	0.98	0.97	0.967	0.98	0.961	0.972	0.748	0.983	0.987	1	0.968	0.979
40%	0.952	0.937	0.957	0.96	0.931	0.946	0.725	0.963	0.942	1	0.937	0.943
30%	0.91	0.907	0.909	0.91	0.902	0.909	0.679	0.922	0.901	1	0.888	0.879
20%	0.839	0.837	0.83	0.85	0.8	0.809	0.632	0.862	0.839	0.99	0.817	0.822
10%	0.74	0.72	0.72	0.75	0.717	0.709	0.594	0.782	0.77	0.95	0.714	0.705