Supplementary Table 1. CV data: NRI, IDI, AUC values with 95% CI. In italic not significant different AUCs based on De Long test.

ALL PATIENTS:

`NRI.IDI model a`

	NRI	l.NRI	u.NRI	NRI.ev	l.NRI.ev	u.NRI.ev	NRI.ne	l.NRI.ne	u.NRI.ne	IDI	l.IDI	u.IDI
6	0.580	0.311	0.849	0.623	0.387	0.859	-0.043	-0.172	0.086	0.120	0.069	0.171
12	1.131	0.837	1.425	0.418	0.154	0.682	0.713	0.584	0.842	0.242	0.186	0.297
24	1.148	0.843	1.454	0.320	0.043	0.597	0.828	0.700	0.957	0.231	0.178	0.283
48	0.928	0.621	1.236	0.059	-0.216	0.333	0.869	0.730	1.008	0.137	0.095	0.179

`AUC model a`

	AUC GEE	AUC.l GEE	AUC.u GEE	AUC MTM	AUC.l MTM	AUC.u MTM
6	0.5	0.5	0.5	0.6433	0.5832	0.7035
12	0.5	0.5	0.5	0.7856	0.7137	0.8574
24	0.5	0.5	0.5	0.7951	0.7155	0.8747
48	0.5	0.5	0.5	0.7350	0.6581	0.8120

`NRI.IDI model b`

	NRI	l.NRI	u.NRI	NRI.ev	l.NRI.ev	u.NRI.ev	NRI.ne	l.NRI.ne	u.NRI.ne	IDI	l.IDI	u.IDI
6	0.510	0.241	0.778	0.449	0.213	0.685	0.060	-0.068	0.189	0.040	0.020	0.060
12	1.140	0.846	1.434	0.418	0.154	0.682	0.722	0.593	0.851	0.136	0.088	0.183
24	1.157	0.851	1.462	0.320	0.043	0.597	0.837	0.709	0.965	0.146	0.101	0.191
48	0.850	0.542	1.157	-0.020	-0.294	0.255	0.869	0.730	1.008	0.072	0.033	0.111

`AUC model b`

	AUC GEE	AUC.l GEE	AUC.u GEE	AUC MTM	AUC.l MTM	AUC.u MTM
6	*0.6398*	*0.5786*	*0.7011*	*0.6433*	*0.5827*	*0.7039*
12	0.6693	0.6084	0.7302	0.8140	0.7464	0.8816
24	0.6458	0.5758	0.7159	0.8125	0.7382	0.8869
48	0.6200	0.5448	0.6951	0.7631	0.6840	0.8421

CC+ID+DD:

`NRI.IDI model a`

	NRI	l.NRI	u.NRI	NRI.ev	l.NRI.ev	u.NRI.ev	NRI.ne	l.NRI.ne	u.NRI.ne	IDI	l.IDI	u.IDI
6	0.580	0.311	0.849	0.623	0.387	0.859	-0.043	-0.172	0.086	0.120	0.069	0.171
12	1.131	0.837	1.425	0.418	0.154	0.682	0.713	0.584	0.842	0.242	0.187	0.298
24	1.148	0.843	1.454	0.320	0.043	0.597	0.828	0.700	0.957	0.231	0.178	0.284
48	0.928	0.621	1.236	0.059	-0.216	0.333	0.869	0.730	1.008	0.137	0.095	0.179

`AUC model a`

	AUC GEE	AUC.l GEE	AUC.u GEE	AUC MTM	AUC.l MTM	AUC.u MTM
6	0.5	0.5	0.5	0.6433	0.5832	0.7035
12	0.5	0.5	0.5	0.7856	0.7137	0.8574
24	0.5	0.5	0.5	0.7951	0.7155	0.8747
48	0.5	0.5	0.5	0.7350	0.6581	0.8120

`NRI.IDI model b`

	NRI	l.NRI	u.NRI	NRI.ev	l.NRI.ev	u.NRI.ev	NRI.ne	l.NRI.ne	u.NRI.ne	IDI	l.IDI	u.IDI
6	0.510	0.241	0.778	0.449	0.213	0.685	0.060	-0.068	0.189	0.046	0.023	0.068
12	1.131	0.837	1.425	0.418	0.154	0.682	0.713	0.584	0.842	0.142	0.094	0.189
24	1.157	0.851	1.462	0.320	0.043	0.597	0.837	0.709	0.965	0.150	0.106	0.194
48	0.850	0.542	1.157	-0.020	-0.294	0.255	0.869	0.730	1.008	0.077	0.039	0.115

`AUC model b`

	AUC GEE	AUC.l GEE	AUC.u GEE	AUC MTM	AUC.l MTM	AUC.u MTM
6	*0.6398*	*0.5786*	*0.7011*	*0.6433*	*0.5827*	*0.7039*
12	0.6693	0.6084	0.7302	0.8192	0.7515	0.8869
24	0.6458	0.5758	0.7159	0.8168	0.7423	0.8914
48	0.6200	0.5448	0.6951	0.7636	0.6845	0.8427

CC+ID:

`NRI.IDI model a`

	NRI	l.NRI	u.NRI	NRI.ev	l.NRI.ev	u.NRI.ev	NRI.ne	l.NRI.ne	u.NRI.ne	IDI	l.IDI	u.IDI
6	0.594	0.300	0.887	0.607	0.345	0.869	-0.014	-0.145	0.118	0.121	0.064	0.177
12	1.285	0.965	1.606	0.556	0.263	0.848	0.730	0.598	0.861	0.276	0.220	0.333
24	1.124	0.804	1.443	0.289	-0.003	0.581	0.835	0.706	0.964	0.228	0.172	0.284
48	0.928	0.621	1.236	0.059	-0.216	0.333	0.869	0.730	1.008	0.141	0.098	0.184

`AUC model a`

	AUC GEE	AUC.l GEE	AUC.u GEE	AUC MTM	AUC.l MTM	AUC.u MTM
6	0.5	0.5	0.5	0.6439	0.5784	0.7095
12	0.5	0.5	0.5	0.8167	0.7379	0.8955
24	0.5	0.5	0.5	0.7883	0.7024	0.8742
48	0.5	0.5	0.5	0.7350	0.6581	0.8120

`NRI.IDI model b`

	NRI	l.NRI	u.NRI	NRI.ev	l.NRI.ev	u.NRI.ev	NRI.ne	l.NRI.ne	u.NRI.ne	IDI	l.IDI	u.IDI
6	0.505	0.212	0.799	0.429	0.167	0.690	0.077	-0.055	0.209	0.049	0.022	0.075
12	1.285	0.965	1.606	0.556	0.263	0.848	0.730	0.598	0.861	0.178	0.133	0.224
24	1.124	0.804	1.443	0.289	-0.003	0.581	0.835	0.706	0.964	0.148	0.100	0.197
48	0.928	0.621	1.236	0.059	-0.216	0.333	0.869	0.730	1.008	0.082	0.043	0.120

`AUC model b`

	AUC GEE	AUC.l GEE	AUC.u GEE	AUC MTM	AUC.l MTM	AUC.u MTM
6	*0.6443*	*0.5770*	*0.7116*	*0.6487*	*0.5824*	*0.7150*
12	0.6580	0.5925	0.7234	0.8323	0.7570	0.9075
24	0.6589	0.5870	0.7309	0.8194	0.7412	0.8976
48	0.6200	0.5448	0.6951	0.7635	0.6844	0.8426

CC:

`NRI.IDI model a`

	NRI	l.NRI	u.NRI	NRI.ev	l.NRI.ev	u.NRI.ev	NRI.ne	l.NRI.ne	u.NRI.ne	IDI	l.IDI	u.IDI
6	0.394	-0.013	0.800	0.357	-0.013	0.728	0.036	-0.131	0.204	0.084	-0.007	0.175
12	1.525	1.084	1.965	0.652	0.243	1.061	0.872	0.707	1.037	0.349	0.274	0.424
24	1.180	0.754	1.606	0.280	-0.112	0.672	0.900	0.734	1.066	0.246	0.164	0.327
48	1.097	0.696	1.499	0.172	-0.192	0.536	0.925	0.755	1.095	0.176	0.116	0.235

`AUC model a`

	AUC GEE	AUC.l GEE	AUC.u GEE	AUC MTM	AUC.l MTM	AUC.u MTM
6	0.5	0.5	0.5	0.5902	0.4889	0.6915
12	0.5	0.5	0.5	0.8811	0.7994	0.9629
24	0.5	0.5	0.5	0.7760	0.6626	0.8894
48	0.5	0.5	0.5	0.7743	0.6817	0.8670

`NRI.IDI model b`

	NRI	l.NRI	u.NRI	NRI.ev	l.NRI.ev	u.NRI.ev	NRI.ne	l.NRI.ne	u.NRI.ne	IDI	l.IDI	u.IDI
6	0.394	-0.013	0.800	0.357	-0.013	0.728	0.036	-0.131	0.204	0.056	-0.002	0.113
12	1.525	1.084	1.965	0.652	0.243	1.061	0.872	0.707	1.037	0.285	0.209	0.361
24	1.180	0.754	1.606	0.280	-0.112	0.672	0.900	0.734	1.066	0.197	0.115	0.279
48	1.097	0.696	1.499	0.172	-0.192	0.536	0.925	0.755	1.095	0.139	0.081	0.196

`AUC model b`

	AUC GEE	AUC.l GEE	AUC.u GEE	AUC MTM	AUC.l MTM	AUC.u MTM
6	*0.5555*	*0.4600*	*0.6511*	*0.5555*	*0.4600*	*0.6511*
12	0.6401	0.5513	0.7290	0.9186	0.8656	0.9716
24	0.5909	0.4899	0.6919	0.8156	0.7156	0.9156
48	0.6066	0.5173	0.6958	0.8241	0.7431	0.9051

Supplementary Table 2. OM data: AUC (95% CI), NRI for events (NRI.ev), non events (NRI.ne), global (NRI) and IDI. In italic not significant different AUCs based on the De Long test.

Survey 1	GEE (OM.a)	MTM (OM.a)	GEE (OM.b)	MTM (OM.b)
	0.66	*0.67*	*0.66*	*0.67*
	(0.59;0.72)	*(0.60;0.73)*	*(0.60;0.73)*	*(0.61;0.73)*
Survey 2	**GEE (OM.a)**	**MTM (OM.a)**	**GEE (OM.b)**	**MTM (OM.b)**
	0.66	0.76	0.64	0.75
	(0.60;0.71)	(0.71;0.81)	(0.59;0.69)	(0.71;0.80)
Survey 3	**GEE (OM.a)**	**MTM (OM.a)**	**GEE (OM.b)**	**MTM (OM.b)**
	0.65	0.78	0.64	0.77
	(0.59;0.70)	(0.73;0.83)	(0.58;0.70)	(0.72;0.83)
Survey 1 OM.a	**NRI.ev**	**NRI.ne**	**NRI**	**IDI**
	0.09	0.21	0.30	0.003
	(−0.11;0.29)	(0.09;0.31)	(0.07;0.53)	(0.001; 0.004)
Survey 2 OM.a	**NRI.ev**	**NRI.ne**	**NRI**	**IDI**
	0.10	0.60	0.70	0.141
	(−0.06; 0.28)	(0.49; 0.70)	(0.50; 0.90)	(0.103; 0.179)
Survey 3 OM.a	**NRI.ev**	**NRI.ne**	**NRI**	**IDI**
	0.26	0.73	0.99	0.212
	(0.08; 0.43)	(0.62; 0.84)	(0.78; 1.20)	(0.169; 0.255)
Survey 1 OM.b	**NRI.ev**	**NRI.ne**	**NRI**	**IDI**
	0.18	0.27	0.45	0.002
	(−0.02; 0.37)	(0.16; 0.37)	(0.21; 0.66)	(0.001;0.003)
Survey 2 OM.b	**NRI.ev**	**NRI.ne**	**NRI**	**IDI**
	0.08	0.64	0.72	0.141
	(−0.09; 0.25)	(0.53; 0.74)	(0.51;0.91)	(0.103;0.180)
Survey 3 OM.b	**NRI.ev**	**NRI.ne**	**NRI**	**IDI**
	0.26	0.73	0.99	0.214
	(0.08;0.43)	(0.62;0.84)	(0.78;1.20)	(0.172;0.257)