Data Supplement S1. Supplementary appendix.

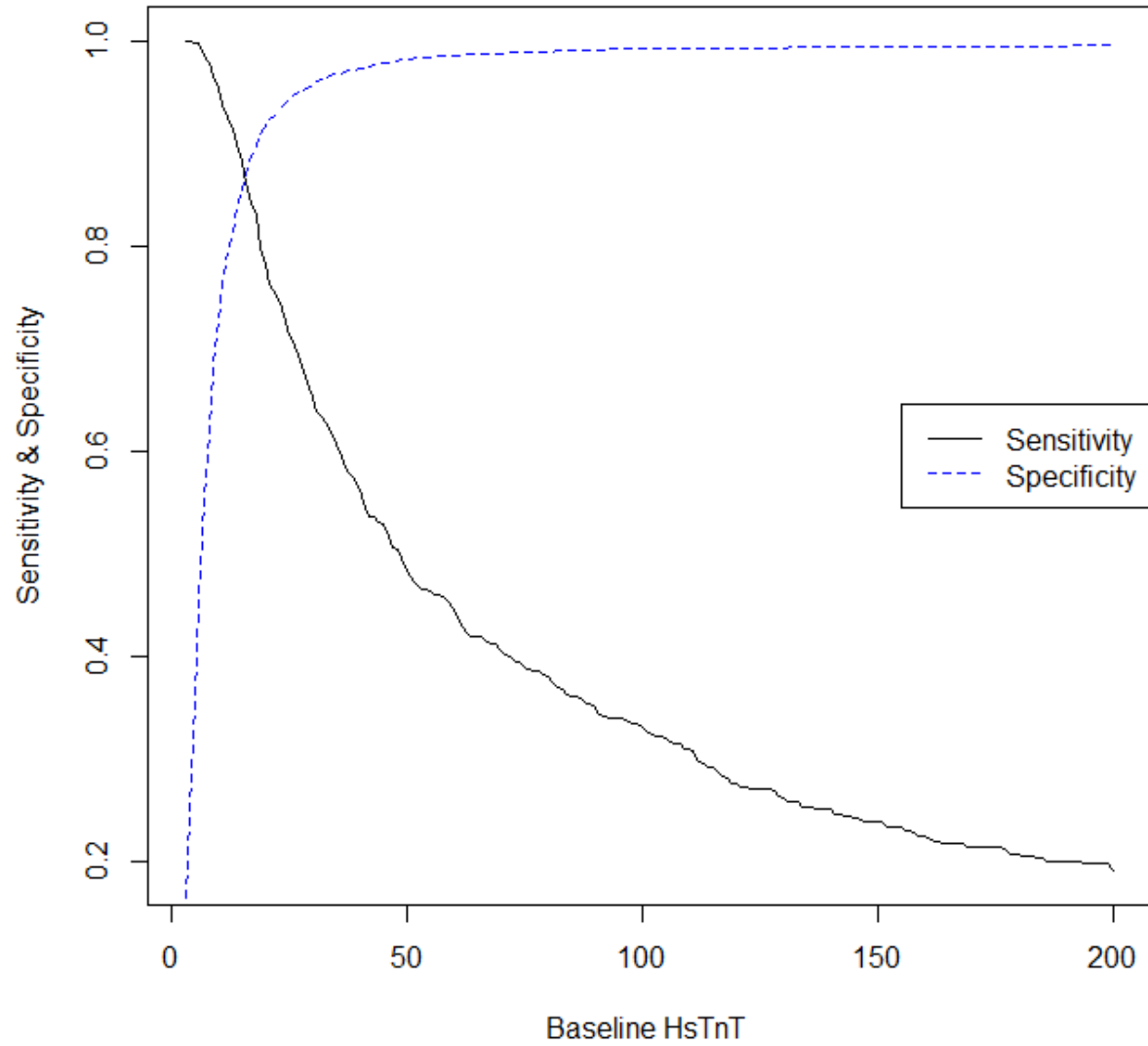Figure S1a Sensitivity and Specificity across the range of initial hsTnT concentrations for 7-day AMI

Figure S2b Sensitivity and Specificity across the range of initial hsTnT concentrations for 30-day AMI
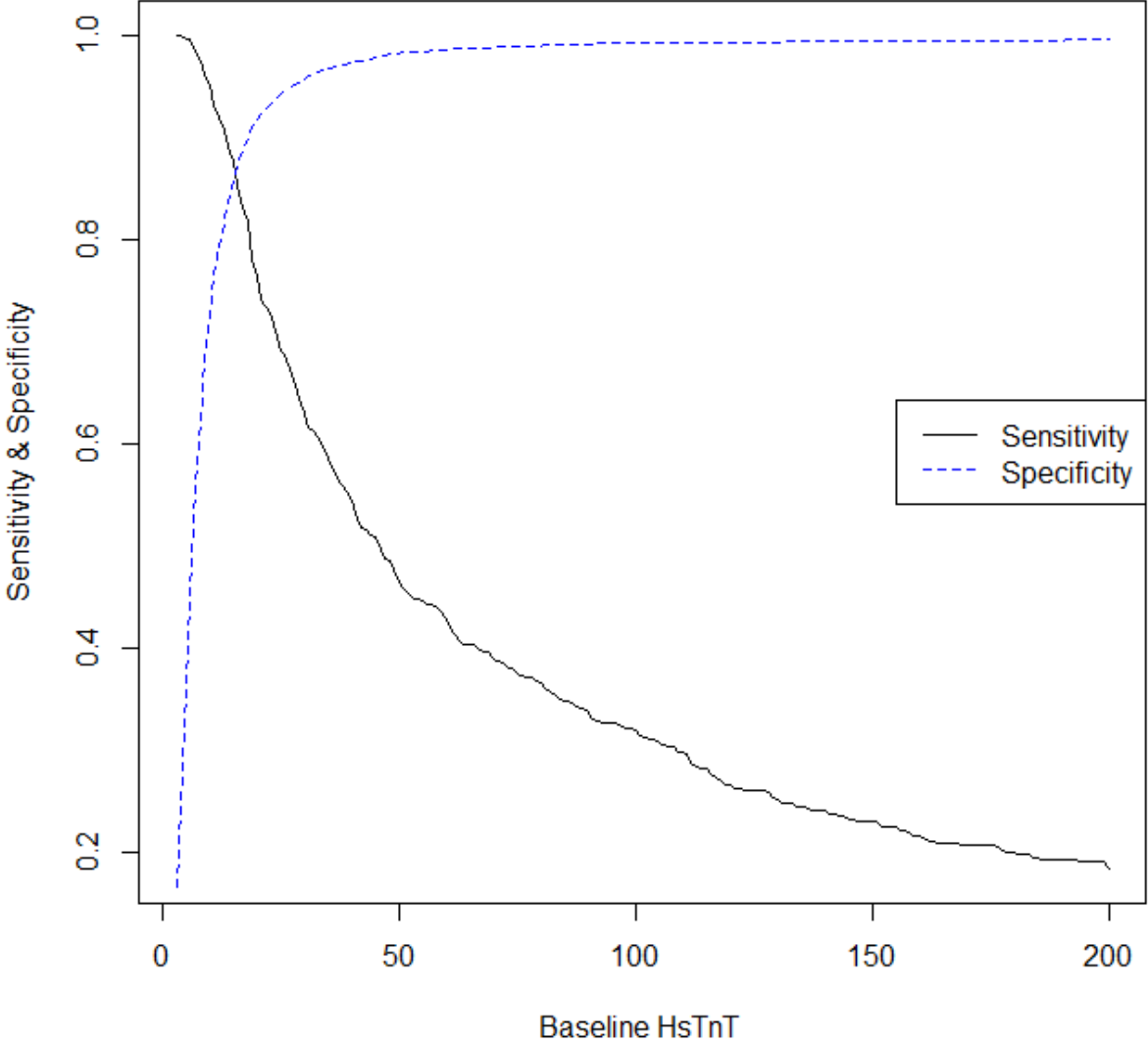
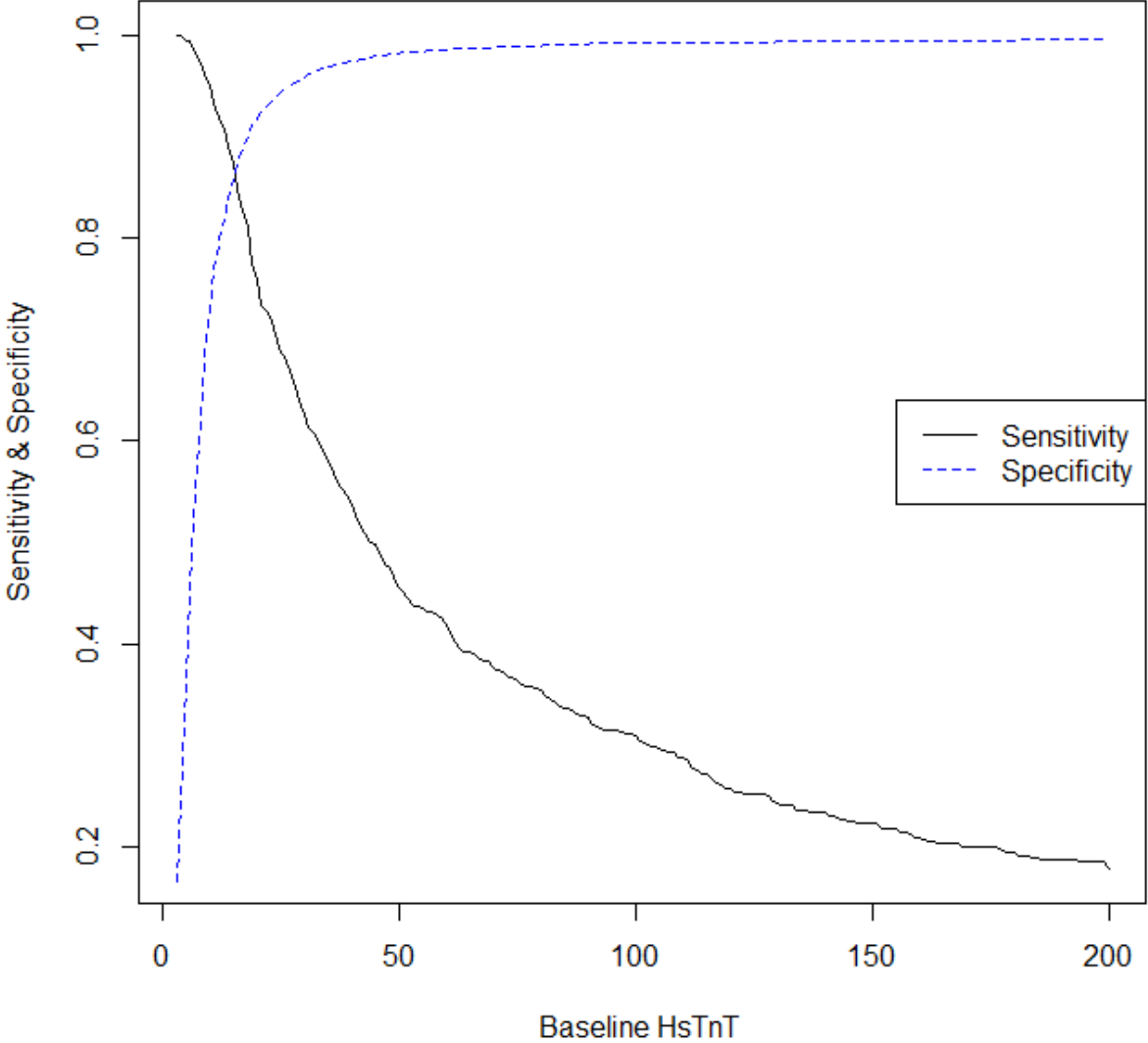Figure S1c Sensitivity and Specificity across the range of initial hsTnT concentrations for 90-day AMI

Table S1. Test characteristics for AMI across range of initial hsTnT values from <3-100ng/L

- Test characteristics are for values less than the value shown in each row, eg. Test characteristics in the row for the cutoff of 5ng/L are for hsTnT values <5ng/L.

Cutoff	7 Days					30 days					90 Days				
	Events	Sensitivity	Specificity	PPV	NPV	Events	Sensitivity	Specificity	PPV	NPV	Events	Sensitivity	Specificity	PPV	NPV
3	0	1	0.1642	0.0682	1	0	1	0.1646	0.0708	1	0	1	0.165	0.0737	1
4	0	1	0.245	0.0749	1	0	1	0.2456	0.0779	1	0	1	0.2462	0.081	1
5	1	0.9976	0.3569	0.0867	0.9996	2	0.9953	0.3576	0.0898	0.9992	3	0.9932	0.3584	0.0932	0.9987
6	1	0.9976	0.4522	0.1002	0.9997	2	0.9953	0.4531	0.1039	0.9993	3	0.9932	0.4541	0.1078	0.999
7	6	0.9854	0.554	0.119	0.9984	7	0.9836	0.5551	0.1235	0.9981	8	0.982	0.5564	0.1282	0.9979
8	9	0.9781	0.6175	0.1353	0.9978	11	0.9742	0.6187	0.14	0.9974	12	0.973	0.6201	0.1454	0.9971
9	14	0.9659	0.6806	0.1561	0.9969	16	0.9625	0.6819	0.1616	0.9965	17	0.9617	0.6835	0.1679	0.9963
10	19	0.9538	0.7226	0.1738	0.9961	21	0.9508	0.724	0.18	0.9957	22	0.9505	0.7257	0.1871	0.9955
11	26	0.9367	0.7623	0.1942	0.9949	29	0.9321	0.7637	0.2008	0.9944	30	0.9324	0.7655	0.2089	0.9942
12	31	0.9246	0.7915	0.2134	0.9942	35	0.918	0.7928	0.2201	0.9935	36	0.9189	0.7946	0.2291	0.9933
13	35	0.9148	0.8152	0.2324	0.9937	40	0.9063	0.8164	0.2392	0.9927	41	0.9077	0.8183	0.2491	0.9926
14	42	0.8978	0.8345	0.2492	0.9926	47	0.8899	0.8357	0.2566	0.9917	49	0.8896	0.8376	0.2667	0.9913
15	48	0.8832	0.8547	0.2711	0.9917	53	0.8759	0.856	0.2793	0.9908	56	0.8739	0.8578	0.2898	0.9903
16	57	0.8613	0.8692	0.2871	0.9903	63	0.8525	0.8704	0.2952	0.9893	67	0.8491	0.872	0.3058	0.9886
17	65	0.8418	0.8853	0.3098	0.9892	72	0.8314	0.8863	0.3178	0.988	77	0.8266	0.8878	0.3286	0.9872
18	70	0.8297	0.8969	0.3298	0.9885	78	0.8173	0.8978	0.3375	0.9872	84	0.8108	0.8992	0.3482	0.9862
19	83	0.7981	0.9083	0.3475	0.9866	94	0.7799	0.9088	0.3528	0.9848	100	0.7748	0.9103	0.3644	0.9838
20	90	0.781	0.9155	0.3611	0.9856	101	0.7635	0.916	0.3667	0.9838	107	0.759	0.9174	0.3791	0.9829
21	98	0.7616	0.9222	0.3744	0.9844	111	0.74	0.9224	0.378	0.9824	118	0.7342	0.9237	0.39	0.9813
22	101	0.7543	0.9272	0.388	0.984	114	0.733	0.9275	0.3917	0.982	121	0.7275	0.9288	0.4043	0.9809
23	105	0.7445	0.9329	0.4042	0.9835	118	0.7237	0.9332	0.4082	0.9815	125	0.7185	0.9345	0.4214	0.9804
24	110	0.7324	0.9364	0.4135	0.9828	124	0.7096	0.9366	0.4162	0.9806	131	0.705	0.9379	0.4299	0.9795
25	118	0.7129	0.9418	0.4284	0.9817	132	0.6909	0.942	0.4313	0.9795	139	0.6869	0.9433	0.4459	0.9784
26	120	0.708	0.9458	0.4443	0.9815	134	0.6862	0.946	0.4473	0.9793	141	0.6824	0.9474	0.4626	0.9782

27	126	0.6934	0.949	0.4538	0.9806	140	0.6721	0.9491	0.457	0.9785	147	0.6689	0.9505	0.4729	0.9774
28	133	0.6764	0.9506	0.4557	0.9796	147	0.6557	0.9508	0.459	0.9775	154	0.6532	0.9521	0.4754	0.9764
29	137	0.6667	0.9536	0.4676	0.9791	152	0.644	0.9536	0.4693	0.9768	160	0.6396	0.9548	0.4846	0.9756
30	143	0.6521	0.957	0.4811	0.9782	158	0.63	0.957	0.4829	0.976	166	0.6261	0.9583	0.4991	0.9747
31	149	0.6375	0.9597	0.4916	0.9774	164	0.6159	0.9597	0.4934	0.9751	172	0.6126	0.961	0.5103	0.9739
32	151	0.6326	0.9615	0.501	0.9772	166	0.6112	0.9615	0.5029	0.9749	174	0.6081	0.9628	0.5202	0.9737
33	154	0.6253	0.9637	0.513	0.9768	169	0.6042	0.9637	0.515	0.9745	178	0.5991	0.9649	0.5309	0.9731
34	157	0.618	0.965	0.5194	0.9764	172	0.5972	0.9651	0.5215	0.9741	181	0.5923	0.9662	0.5378	0.9727
35	162	0.6058	0.9668	0.5275	0.9757	177	0.5855	0.9669	0.5297	0.9734	186	0.5811	0.968	0.5466	0.9721
36	165	0.5985	0.9673	0.5279	0.9752	180	0.5785	0.9673	0.53	0.973	189	0.5743	0.9684	0.5472	0.9716
37	171	0.5839	0.969	0.5357	0.9744	186	0.5644	0.9691	0.5379	0.9722	196	0.5586	0.9701	0.5536	0.9707
38	174	0.5766	0.9707	0.5461	0.974	189	0.5574	0.9708	0.5484	0.9718	199	0.5518	0.9717	0.5645	0.9703
39	176	0.5718	0.9713	0.5491	0.9737	191	0.5527	0.9714	0.5514	0.9715	201	0.5473	0.9723	0.5678	0.97
40	180	0.562	0.9723	0.554	0.9732	195	0.5433	0.9724	0.5564	0.971	205	0.5383	0.9734	0.5731	0.9695
41	185	0.5499	0.9735	0.5594	0.9725	200	0.5316	0.9736	0.5619	0.9703	210	0.527	0.9746	0.5792	0.9688
42	191	0.5353	0.9744	0.5612	0.9717	206	0.5176	0.9745	0.5638	0.9694	216	0.5135	0.9755	0.5816	0.9679
43	191	0.5353	0.9759	0.5759	0.9717	207	0.5152	0.9758	0.5759	0.9693	219	0.5068	0.9765	0.589	0.9675
44	193	0.5304	0.9766	0.5813	0.9714	209	0.5105	0.9766	0.5813	0.9691	222	0.5	0.9771	0.592	0.9671
45	194	0.528	0.9781	0.5962	0.9713	210	0.5082	0.9781	0.5962	0.969	223	0.4977	0.9786	0.6071	0.967
46	197	0.5207	0.9787	0.5994	0.9709	213	0.5012	0.9787	0.5994	0.9686	226	0.491	0.9792	0.6106	0.9666
47	203	0.5061	0.9796	0.6029	0.9701	219	0.4871	0.9796	0.6029	0.9677	232	0.4775	0.9801	0.6145	0.9658
48	204	0.5036	0.9805	0.6124	0.97	220	0.4848	0.9805	0.6124	0.9676	233	0.4752	0.981	0.6243	0.9657
49	208	0.4939	0.9811	0.6152	0.9694	224	0.4754	0.9811	0.6152	0.9671	237	0.4662	0.9816	0.6273	0.9651
50	213	0.4818	0.9814	0.613	0.9687	229	0.4637	0.9814	0.613	0.9664	242	0.455	0.9819	0.6254	0.9644
51	215	0.4769	0.9823	0.6222	0.9685	231	0.459	0.9822	0.6222	0.9661	244	0.4505	0.9828	0.6349	0.9642
52	218	0.4696	0.9824	0.6206	0.968	234	0.452	0.9824	0.6206	0.9657	247	0.4437	0.9829	0.6334	0.9638
53	220	0.4647	0.9829	0.6242	0.9678	236	0.4473	0.9828	0.6242	0.9654	250	0.4369	0.9832	0.634	0.9634
54	220	0.4647	0.983	0.6262	0.9678	236	0.4473	0.983	0.6262	0.9654	250	0.4369	0.9834	0.6361	0.9634
55	221	0.4623	0.9832	0.6271	0.9676	237	0.445	0.9831	0.6271	0.9653	251	0.4347	0.9835	0.637	0.9632
56	222	0.4599	0.9838	0.6342	0.9675	238	0.4426	0.9837	0.6342	0.9652	252	0.4324	0.9841	0.6443	0.9631

57	222	0.4599	0.9847	0.6473	0.9675	238	0.4426	0.9846	0.6473	0.9652	252	0.4324	0.985	0.6575	0.9631
58	224	0.455	0.9848	0.6471	0.9673	240	0.4379	0.9848	0.6471	0.9649	254	0.4279	0.9852	0.6574	0.9629
59	225	0.4526	0.9851	0.6503	0.9671	241	0.4356	0.9851	0.6503	0.9648	255	0.4257	0.9855	0.6608	0.9627
60	228	0.4453	0.9853	0.6489	0.9667	244	0.4286	0.9852	0.6489	0.9644	258	0.4189	0.9856	0.6596	0.9623
61	232	0.4355	0.9853	0.6439	0.9661	248	0.4192	0.9852	0.6439	0.9638	262	0.4099	0.9856	0.6547	0.9618
62	235	0.4282	0.9859	0.6494	0.9657	251	0.4122	0.9858	0.6494	0.9634	266	0.4009	0.9861	0.6568	0.9612
63	238	0.4209	0.9859	0.6455	0.9653	254	0.4052	0.9858	0.6455	0.963	269	0.3941	0.9861	0.653	0.9608
64	239	0.4185	0.9859	0.6442	0.9652	255	0.4028	0.9858	0.6442	0.9628	270	0.3919	0.9861	0.6517	0.9607
65	239	0.4185	0.9862	0.6491	0.9652	255	0.4028	0.9861	0.6491	0.9629	270	0.3919	0.9864	0.6566	0.9607
66	239	0.4185	0.9865	0.654	0.9652	255	0.4028	0.9864	0.654	0.9629	271	0.3896	0.9865	0.6578	0.9605
67	241	0.4136	0.9868	0.6564	0.9649	257	0.3981	0.9867	0.6564	0.9626	273	0.3851	0.9868	0.6602	0.9603
68	242	0.4112	0.9871	0.6602	0.9648	258	0.3958	0.987	0.6602	0.9625	274	0.3829	0.9871	0.6641	0.9601
69	242	0.4112	0.9871	0.6602	0.9648	258	0.3958	0.987	0.6602	0.9625	274	0.3829	0.9871	0.6641	0.9601
70	245	0.4039	0.9875	0.664	0.9644	261	0.3888	0.9875	0.664	0.9621	277	0.3761	0.9876	0.668	0.9597
71	246	0.4015	0.9876	0.6653	0.9643	262	0.3864	0.9876	0.6653	0.9619	278	0.3739	0.9877	0.6694	0.9596
72	247	0.399	0.9879	0.6694	0.9641	263	0.3841	0.9879	0.6694	0.9618	279	0.3716	0.988	0.6735	0.9595
73	249	0.3942	0.9879	0.6667	0.9638	265	0.3794	0.9879	0.6667	0.9615	281	0.3671	0.988	0.6708	0.9592
74	249	0.3942	0.9879	0.6667	0.9638	265	0.3794	0.9879	0.6667	0.9615	281	0.3671	0.988	0.6708	0.9592
75	251	0.3893	0.9879	0.6639	0.9636	267	0.3747	0.9879	0.6639	0.9612	283	0.3626	0.988	0.668	0.9589
76	252	0.3869	0.9882	0.6681	0.9634	268	0.3724	0.9882	0.6681	0.9611	284	0.3604	0.9883	0.6723	0.9588
77	253	0.3844	0.9888	0.6781	0.9633	269	0.37	0.9888	0.6781	0.961	285	0.3581	0.9889	0.6824	0.9587
78	253	0.3844	0.989	0.681	0.9633	269	0.37	0.989	0.681	0.961	285	0.3581	0.9891	0.6853	0.9587
79	254	0.382	0.9891	0.6826	0.9632	270	0.3677	0.9891	0.6826	0.9609	286	0.3559	0.9892	0.687	0.9586
80	255	0.3796	0.9891	0.6812	0.963	271	0.3653	0.9891	0.6812	0.9607	287	0.3536	0.9892	0.6856	0.9584
81	257	0.3747	0.9894	0.6844	0.9628	273	0.3607	0.9894	0.6844	0.9605	289	0.3491	0.9895	0.6889	0.9581
82	259	0.3698	0.9897	0.6878	0.9625	275	0.356	0.9897	0.6878	0.9602	291	0.3446	0.9898	0.6923	0.9579
83	260	0.3674	0.99	0.6927	0.9624	276	0.3536	0.99	0.6927	0.9601	292	0.3423	0.9901	0.6972	0.9578
84	262	0.3625	0.99	0.6898	0.9621	278	0.3489	0.99	0.6898	0.9598	294	0.3378	0.9901	0.6944	0.9575
85	263	0.3601	0.9903	0.6948	0.962	279	0.3466	0.9903	0.6948	0.9597	295	0.3356	0.9904	0.6995	0.9574
86	263	0.3601	0.9903	0.6948	0.962	279	0.3466	0.9903	0.6948	0.9597	295	0.3356	0.9904	0.6995	0.9574

87	264	0.3577	0.9905	0.6967	0.9618	280	0.3443	0.9905	0.6967	0.9595	296	0.3333	0.9906	0.7014	0.9572
88	266	0.3528	0.9906	0.6971	0.9616	282	0.3396	0.9906	0.6971	0.9593	298	0.3288	0.9907	0.7019	0.9569
89	266	0.3528	0.9908	0.7005	0.9616	282	0.3396	0.9908	0.7005	0.9593	298	0.3288	0.9909	0.7053	0.957
90	267	0.3504	0.9908	0.699	0.9614	283	0.3372	0.9908	0.699	0.9591	299	0.3266	0.9909	0.7039	0.9568
91	270	0.3431	0.9911	0.7015	0.961	286	0.3302	0.991	0.7015	0.9587	302	0.3198	0.9912	0.7065	0.9564
92	271	0.3406	0.9912	0.7035	0.9609	287	0.3279	0.9912	0.7035	0.9586	303	0.3176	0.9913	0.7085	0.9563
93	272	0.3382	0.9914	0.7056	0.9608	288	0.3255	0.9913	0.7056	0.9585	304	0.3153	0.9915	0.7107	0.9562
94	272	0.3382	0.9914	0.7056	0.9608	288	0.3255	0.9913	0.7056	0.9585	304	0.3153	0.9915	0.7107	0.9562
95	272	0.3382	0.9915	0.7092	0.9608	288	0.3255	0.9915	0.7092	0.9585	304	0.3153	0.9916	0.7143	0.9562
96	272	0.3382	0.9917	0.7128	0.9608	288	0.3255	0.9916	0.7128	0.9585	304	0.3153	0.9918	0.7179	0.9562
97	273	0.3358	0.9918	0.715	0.9606	289	0.3232	0.9918	0.715	0.9583	305	0.3131	0.9919	0.7202	0.956
98	274	0.3333	0.992	0.7173	0.9605	290	0.3208	0.9919	0.7173	0.9582	306	0.3108	0.9921	0.7225	0.9559
99	274	0.3333	0.992	0.7173	0.9605	290	0.3208	0.9919	0.7173	0.9582	306	0.3108	0.9921	0.7225	0.9559
100	275	0.3309	0.992	0.7158	0.9604	291	0.3185	0.9919	0.7158	0.9581	307	0.3086	0.9921	0.7211	0.9558

Table S2. Test characteristics for MACE across range of initial hsTnT values from <3-100ng/L

- Test characteristics are for values less than the value shown in each row, eg. Test characteristics in the row for the cutoff of 5ng/L are for hsTnT values <5ng/L.

Cuttoff	7 days					30 days					90 days				
	Events	Sensitivity	Specificity	PPV	NPV	Event	Sensitivity	Specificity	PPV	NPV	Event	Sensitivity	Specificity	PPV	NPV
3	2	0.996	0.1659	0.0816	0.9982	3	0.9946	0.1672	0.0909	0.9973	3	0.9951	0.1687	0.1007	0.9973
4	3	0.9939	0.2476	0.0895	0.9982	6	0.9891	0.2493	0.0994	0.9964	6	0.9902	0.2515	0.1101	0.9964
5	13	0.9737	0.3596	0.1017	0.9946	19	0.9655	0.3618	0.1124	0.9921	22	0.9639	0.3646	0.1243	0.9908
6	17	0.9656	0.4554	0.1166	0.9944	26	0.9528	0.458	0.1283	0.9914	30	0.9508	0.4615	0.1418	0.9901
7	29	0.9413	0.5574	0.1367	0.9922	40	0.9274	0.5606	0.1502	0.9893	45	0.9262	0.5649	0.1661	0.9879
8	38	0.9231	0.6209	0.1534	0.9909	53	0.9038	0.624	0.1676	0.9873	60	0.9016	0.6285	0.1851	0.9856
9	45	0.9089	0.6844	0.1766	0.9902	63	0.8857	0.6876	0.1919	0.9863	74	0.8787	0.6922	0.2108	0.9839
10	53	0.8927	0.7265	0.1955	0.9891	73	0.8675	0.7297	0.2119	0.985	90	0.8525	0.7337	0.2305	0.9815
11	66	0.8664	0.7658	0.2159	0.9872	90	0.8367	0.7688	0.2326	0.9825	110	0.8197	0.7727	0.2523	0.9786
12	72	0.8543	0.7952	0.2369	0.9865	98	0.8221	0.7981	0.2544	0.9817	119	0.8049	0.8021	0.2757	0.9778
13	80	0.8381	0.8186	0.2559	0.9855	107	0.8058	0.8216	0.2744	0.9806	131	0.7852	0.8253	0.296	0.9762
14	90	0.8178	0.8377	0.2728	0.9841	118	0.7858	0.8407	0.2924	0.9791	145	0.7623	0.8442	0.314	0.9743
15	100	0.7976	0.8576	0.2942	0.9827	128	0.7677	0.8608	0.3159	0.9779	158	0.741	0.864	0.3376	0.9727
16	110	0.7773	0.8721	0.3114	0.9813	141	0.7441	0.8749	0.3325	0.9761	173	0.7164	0.8779	0.3544	0.9707
17	123	0.751	0.8876	0.3321	0.9795	155	0.7187	0.8904	0.3545	0.9742	190	0.6885	0.8931	0.376	0.9684
18	132	0.7328	0.8987	0.3501	0.9783	165	0.7005	0.9015	0.3733	0.9729	201	0.6705	0.9041	0.3956	0.967
19	147	0.7024	0.91	0.3676	0.9762	185	0.6642	0.9121	0.3877	0.9701	221	0.6377	0.9149	0.4121	0.9643
20	158	0.6802	0.9167	0.378	0.9747	198	0.6407	0.9185	0.3971	0.9683	234	0.6164	0.9213	0.4229	0.9625
21	167	0.6619	0.9233	0.3911	0.9735	210	0.6189	0.9248	0.4079	0.9666	247	0.5951	0.9275	0.4342	0.9608
22	171	0.6538	0.9283	0.4043	0.973	215	0.6098	0.9296	0.4205	0.966	252	0.5869	0.9324	0.4481	0.9602
23	175	0.6457	0.934	0.4214	0.9725	219	0.6025	0.9354	0.4386	0.9656	257	0.5787	0.938	0.4663	0.9597
24	182	0.6316	0.9373	0.4286	0.9716	228	0.5862	0.9384	0.4437	0.9644	267	0.5623	0.941	0.4712	0.9583

25	192	0.6113	0.9424	0.4415	0.9702	238	0.5681	0.9436	0.4576	0.9631	277	0.5459	0.9462	0.4868	0.957
26	195	0.6053	0.9464	0.4565	0.9699	242	0.5608	0.9474	0.4718	0.9626	281	0.5393	0.95	0.5023	0.9566
27	202	0.5911	0.9494	0.465	0.9689	249	0.5481	0.9504	0.4809	0.9617	288	0.5279	0.9531	0.5127	0.9557
28	209	0.5769	0.951	0.4672	0.9679	256	0.5354	0.9521	0.4836	0.9607	295	0.5164	0.9548	0.5164	0.9548
29	214	0.5668	0.9539	0.4778	0.9673	263	0.5227	0.9547	0.4915	0.9598	303	0.5033	0.9572	0.5239	0.9537
30	220	0.5547	0.9574	0.4919	0.9665	269	0.5118	0.9582	0.5063	0.9591	309	0.4934	0.9607	0.5404	0.953
31	227	0.5405	0.9599	0.5009	0.9656	277	0.4973	0.9606	0.5141	0.958	318	0.4787	0.963	0.5478	0.9518
32	229	0.5364	0.9617	0.5106	0.9654	279	0.4936	0.9625	0.5241	0.9578	320	0.4754	0.9649	0.5588	0.9516
33	232	0.5304	0.964	0.523	0.965	282	0.4882	0.9647	0.5369	0.9575	324	0.4689	0.967	0.5709	0.9511
34	235	0.5243	0.9653	0.5297	0.9646	286	0.4809	0.966	0.5419	0.9569	329	0.4607	0.9681	0.5746	0.9505
35	240	0.5142	0.9671	0.5381	0.964	292	0.4701	0.9676	0.5487	0.9561	336	0.4492	0.9696	0.5805	0.9495
36	243	0.5081	0.9676	0.5386	0.9635	295	0.4646	0.9681	0.5494	0.9557	339	0.4443	0.9701	0.5815	0.9491
37	249	0.496	0.9694	0.5469	0.9627	301	0.4537	0.9699	0.558	0.955	348	0.4295	0.9715	0.5848	0.9479
38	253	0.4879	0.9709	0.5553	0.9622	305	0.4465	0.9714	0.5668	0.9545	352	0.423	0.973	0.5945	0.9474
39	255	0.4838	0.9715	0.5584	0.962	307	0.4428	0.972	0.5701	0.9542	355	0.418	0.9735	0.5958	0.947
40	260	0.4737	0.9724	0.5612	0.9613	312	0.4338	0.9729	0.5731	0.9535	361	0.4082	0.9742	0.5971	0.9462
41	266	0.4615	0.9735	0.5644	0.9605	318	0.4229	0.974	0.5767	0.9527	367	0.3984	0.9753	0.6015	0.9454
42	272	0.4494	0.9744	0.5663	0.9596	325	0.4102	0.9748	0.5765	0.9518	374	0.3869	0.9761	0.602	0.9445
43	273	0.4474	0.9757	0.5785	0.9595	328	0.4047	0.9758	0.5838	0.9514	379	0.3787	0.9768	0.6047	0.9438
44	275	0.4433	0.9765	0.584	0.9593	330	0.4011	0.9766	0.5893	0.9511	383	0.3721	0.9773	0.6053	0.9433
45	276	0.4413	0.978	0.5989	0.9592	331	0.3993	0.9781	0.6044	0.9511	384	0.3705	0.9788	0.6209	0.9432
46	279	0.4352	0.9786	0.6022	0.9588	334	0.3938	0.9787	0.6078	0.9507	387	0.3656	0.9794	0.6246	0.9429
47	285	0.4231	0.9795	0.6058	0.958	340	0.3829	0.9796	0.6116	0.9499	393	0.3557	0.9804	0.629	0.9421
48	286	0.4211	0.9804	0.6154	0.9579	341	0.3811	0.9805	0.6213	0.9498	394	0.3541	0.9813	0.6391	0.942
49	291	0.4109	0.9809	0.6152	0.9572	346	0.3721	0.981	0.6212	0.9491	399	0.3459	0.9817	0.6394	0.9413
50	296	0.4008	0.9812	0.613	0.9565	351	0.363	0.9813	0.6192	0.9484	404	0.3377	0.9821	0.6378	0.9406
51	298	0.3968	0.9821	0.6222	0.9563	353	0.3593	0.9822	0.6286	0.9482	406	0.3344	0.983	0.6476	0.9404
52	301	0.3907	0.9822	0.6206	0.9559	356	0.3539	0.9824	0.627	0.9478	409	0.3295	0.9831	0.6463	0.94
53	303	0.3866	0.9827	0.6242	0.9556	358	0.3503	0.9828	0.6307	0.9475	412	0.3246	0.9834	0.6471	0.9396
54	303	0.3866	0.9828	0.6262	0.9556	358	0.3503	0.983	0.6328	0.9475	412	0.3246	0.9836	0.6492	0.9396

55	304	0.3846	0.983	0.6271	0.9555	359	0.3485	0.9831	0.6337	0.9474	413	0.323	0.9837	0.6502	0.9395
56	305	0.3826	0.9836	0.6342	0.9554	360	0.3466	0.9837	0.6409	0.9473	414	0.3213	0.9844	0.6577	0.9394
57	305	0.3826	0.9845	0.6473	0.9554	360	0.3466	0.9846	0.6541	0.9474	414	0.3213	0.9853	0.6712	0.9395
58	307	0.3785	0.9846	0.6471	0.9551	362	0.343	0.9848	0.654	0.9471	416	0.318	0.9854	0.6713	0.9392
59	308	0.3765	0.9849	0.6503	0.955	363	0.3412	0.9851	0.6573	0.947	417	0.3164	0.9857	0.6748	0.9391
60	311	0.3704	0.9851	0.6489	0.9546	366	0.3358	0.9853	0.656	0.9466	420	0.3115	0.9859	0.6738	0.9387
61	315	0.3623	0.9851	0.6439	0.954	370	0.3285	0.9853	0.6511	0.946	424	0.3049	0.9859	0.6691	0.9381
62	318	0.3563	0.9857	0.6494	0.9536	373	0.323	0.9859	0.6568	0.9456	428	0.2984	0.9863	0.6716	0.9376
63	321	0.3502	0.9857	0.6455	0.9532	376	0.3176	0.9859	0.653	0.9452	431	0.2934	0.9863	0.6679	0.9372
64	322	0.3482	0.9857	0.6442	0.9531	377	0.3158	0.9859	0.6517	0.9451	432	0.2918	0.9863	0.6667	0.9371
65	322	0.3482	0.986	0.6491	0.9531	377	0.3158	0.9862	0.6566	0.9451	432	0.2918	0.9867	0.6717	0.9371
66	322	0.3482	0.9863	0.654	0.9531	377	0.3158	0.9865	0.6616	0.9451	433	0.2902	0.9868	0.673	0.9369
67	324	0.3441	0.9866	0.6564	0.9528	379	0.3122	0.9868	0.6641	0.9448	435	0.2869	0.9871	0.6757	0.9367
68	325	0.3421	0.9869	0.6602	0.9527	380	0.3103	0.9871	0.668	0.9447	436	0.2852	0.9874	0.6797	0.9366
69	325	0.3421	0.9869	0.6602	0.9527	380	0.3103	0.9871	0.668	0.9447	436	0.2852	0.9874	0.6797	0.9366
70	328	0.336	0.9873	0.664	0.9523	383	0.3049	0.9875	0.672	0.9443	440	0.2787	0.9877	0.68	0.936
71	329	0.334	0.9875	0.6653	0.9522	384	0.3031	0.9877	0.6734	0.9442	441	0.277	0.9879	0.6815	0.9359
72	330	0.332	0.9878	0.6694	0.9521	385	0.3013	0.988	0.6776	0.9441	442	0.2754	0.9882	0.6857	0.9358
73	332	0.3279	0.9878	0.6667	0.9518	387	0.2976	0.988	0.6749	0.9438	444	0.2721	0.9882	0.6831	0.9355
74	332	0.3279	0.9878	0.6667	0.9518	387	0.2976	0.988	0.6749	0.9438	444	0.2721	0.9882	0.6831	0.9355
75	334	0.3239	0.9878	0.6639	0.9515	389	0.294	0.988	0.6722	0.9435	446	0.2689	0.9882	0.6805	0.9353
76	335	0.3219	0.9881	0.6681	0.9514	390	0.2922	0.9883	0.6765	0.9434	448	0.2656	0.9883	0.6807	0.935
77	336	0.3198	0.9887	0.6781	0.9513	391	0.2904	0.9889	0.6867	0.9433	449	0.2639	0.989	0.691	0.9349
78	336	0.3198	0.9888	0.681	0.9513	391	0.2904	0.9891	0.6897	0.9433	449	0.2639	0.9891	0.694	0.9349
79	337	0.3178	0.989	0.6826	0.9512	392	0.2886	0.9892	0.6913	0.9432	450	0.2623	0.9893	0.6957	0.9348
80	338	0.3158	0.989	0.6812	0.951	393	0.2868	0.9892	0.69	0.9431	451	0.2607	0.9893	0.6943	0.9346
81	340	0.3117	0.9893	0.6844	0.9508	395	0.2831	0.9895	0.6933	0.9428	453	0.2574	0.9896	0.6978	0.9344
82	342	0.3077	0.9896	0.6878	0.9505	397	0.2795	0.9898	0.6968	0.9425	455	0.2541	0.9899	0.7014	0.9341
83	343	0.3057	0.9899	0.6927	0.9504	398	0.2777	0.9901	0.7018	0.9424	456	0.2525	0.9902	0.7064	0.934
84	345	0.3016	0.9899	0.6898	0.9501	400	0.274	0.9901	0.6991	0.9421	458	0.2492	0.9902	0.7037	0.9338

85	346	0.2996	0.9902	0.6948	0.95	401	0.2722	0.9904	0.7042	0.942	459	0.2475	0.9905	0.7089	0.9336
86	346	0.2996	0.9902	0.6948	0.95	401	0.2722	0.9904	0.7042	0.942	459	0.2475	0.9905	0.7089	0.9336
87	347	0.2976	0.9904	0.6967	0.9498	402	0.2704	0.9906	0.7062	0.9419	460	0.2459	0.9906	0.7109	0.9335
88	349	0.2935	0.9905	0.6971	0.9496	404	0.2668	0.9907	0.7067	0.9416	462	0.2426	0.9908	0.7115	0.9333
89	349	0.2935	0.9907	0.7005	0.9496	404	0.2668	0.9909	0.7101	0.9416	462	0.2426	0.991	0.715	0.9333
90	350	0.2915	0.9907	0.699	0.9495	405	0.265	0.9909	0.7087	0.9415	463	0.241	0.991	0.7136	0.9331
91	353	0.2854	0.991	0.7015	0.9491	409	0.2577	0.991	0.7065	0.941	467	0.2344	0.9911	0.7114	0.9326
92	354	0.2834	0.9911	0.7035	0.9489	410	0.2559	0.9912	0.7085	0.9408	468	0.2328	0.9913	0.7136	0.9325
93	355	0.2814	0.9913	0.7056	0.9488	411	0.2541	0.9913	0.7107	0.9407	469	0.2311	0.9914	0.7157	0.9324
94	355	0.2814	0.9913	0.7056	0.9488	411	0.2541	0.9913	0.7107	0.9407	469	0.2311	0.9914	0.7157	0.9324
95	355	0.2814	0.9914	0.7092	0.9488	411	0.2541	0.9915	0.7143	0.9407	469	0.2311	0.9916	0.7194	0.9324
96	355	0.2814	0.9916	0.7128	0.9488	411	0.2541	0.9916	0.7179	0.9407	469	0.2311	0.9917	0.7231	0.9324
97	356	0.2794	0.9917	0.715	0.9487	412	0.2523	0.9918	0.7202	0.9406	470	0.2295	0.9919	0.7254	0.9322
98	357	0.2773	0.9919	0.7173	0.9486	413	0.2505	0.9919	0.7225	0.9405	471	0.2279	0.992	0.7277	0.9321
99	357	0.2773	0.9919	0.7173	0.9486	413	0.2505	0.9919	0.7225	0.9405	471	0.2279	0.992	0.7277	0.9321
100	358	0.2753	0.9919	0.7158	0.9484	414	0.2486	0.9919	0.7211	0.9403	472	0.2262	0.992	0.7263	0.932

Table S3. Between-site variation in AMI incidence and hsTnT test characteristics.

	Site 1	Site 2	Site 3	Site 4
Patients	1894	2494	1427	1315
Patients with 7-day AMI (%)	134 (7.07%)	134 (5.37%)	87 (6.09%)	56 (4.26%)
Patients ruled out with hsTnT <3ng/L	260 (13.7%)	369 (14.8%)	172 (12.1%)	302 (22.9%)
Sensitivity of hsTnT<3ng/L for 7-day AMI (95% CI)	100 (95.9,100)	100 (95.9,100)	100 (93.8,100)	100 (90.6,100)
Patients ruled out with hsTnT <5ng/L	569 (30.4%)	793 (31.8%)	398 (27.9%)	639 (48.6%)
Sensitivity of hsTnT<5ng/L for 7-day AMI (95% CI)	99.2 (95.9,99.9)	100 (95.9,100)	100 (93.8,100)	100 (90.6,100)