

**Supplemental Table S1.** Results of Cost-Effectiveness Analysis according to Analysis Model Termination Stage

Stage	Cumulative cost of ES, \$	Cumulative effectiveness of ES, QALY	Cumulative cost of SD, \$	Cumulative effectiveness of SD, QALY	IC, \$	IE, QALY	ICER, \$/QALY	NMB of ES at WTP 100,000, \$	NMB of SD at WTP 100,000, \$	NMB of ES at WTP 20,000, \$	NMB of SD at WTP 20,000, \$
1	139	1.0000	19	1.0001	120	-0.0001	-2,185,174	99,861	99,987	19,861	19,982
2	226	1.9664	59	1.9665	168	-0.0001	-2,766,887	196,416	196,590	39,102	39,271
3	324	2.9001	119	2.9001	205	0.0000	26,101,147	289,683	289,887	57,677	57,883
4	434	3.8018	199	3.8016	235	0.0002	1,366,013	379,743	379,961	75,601	75,833
5	557	4.6724	298	4.6719	259	0.0005	573,601	466,683	466,897	92,891	93,141
6	693	5.5128	415	5.5119	278	0.0009	322,240	550,587	550,779	109,563	109,824
7	842	6.3239	550	6.3225	292	0.0014	206,455	631,545	631,696	125,635	125,900
8	1,004	7.1065	700	7.1044	304	0.0021	142,966	709,644	709,736	141,126	141,387
9	1,177	7.8615	864	7.8585	313	0.0030	104,349	784,971	784,984	156,052	156,306
10	1,339	8.5897	1,023	8.5857	317	0.0040	78,207	857,635	857,547	170,456	170,691
11	1,512	9.2921	1,193	9.2869	319	0.0053	60,544	927,701	927,493	184,330	184,544
12	1,695	9.9694	1,374	9.9628	322	0.0066	48,753	995,247	994,909	197,693	197,883
13	1,888	10.6225	1,564	10.6144	324	0.0080	40,259	1,060,358	1,059,877	210,561	210,724
14	2,088	11.2520	1,762	11.2424	326	0.0096	33,846	1,123,113	1,122,476	222,952	223,085
15	2,296	11.8589	1,968	11.8475	328	0.0114	28,850	1,183,593	1,182,784	234,882	234,983
16	2,510	12.4438	2,180	12.4306	330	0.0133	24,874	1,241,874	1,240,877	246,367	246,432
17	2,729	13.0076	2,397	12.9923	332	0.0153	21,656	1,298,030	1,296,829	257,423	257,448
18	2,953	13.5509	2,619	13.5333	334	0.0176	19,020	1,352,134	1,350,712	268,064	268,047
19	3,181	14.0744	2,845	14.0544	336	0.0200	16,836	1,404,256	1,402,597	278,307	278,244
20	3,405	14.5787	3,068	14.5562	338	0.0225	15,005	1,454,469	1,452,555	288,169	288,057
21	3,633	15.0647	3,293	15.0394	340	0.0252	13,464	1,502,832	1,500,648	297,660	297,495
22	3,862	15.5327	3,520	15.5046	342	0.0281	12,157	1,549,409	1,546,939	306,792	306,572
23	4,092	15.9835	3,748	15.9524	344	0.0311	11,040	1,594,261	1,591,490	315,579	315,300
24	4,322	16.4177	3,976	16.3834	346	0.0343	10,080	1,637,448	1,634,362	324,032	323,691
25	4,553	16.8358	4,205	16.7982	348	0.0376	9,249	1,679,027	1,675,611	332,163	331,759
26	4,783	17.2383	4,432	17.1973	350	0.0411	8,526	1,719,052	1,715,293	339,984	339,513
27	5,012	17.6259	4,659	17.5812	353	0.0447	7,895	1,757,573	1,753,459	347,505	346,965
28	5,239	17.9988	4,884	17.9504	355	0.0484	7,340	1,794,640	1,790,159	354,737	354,124
29	5,465	18.3576	5,108	18.3055	357	0.0522	6,851	1,830,298	1,825,439	361,688	361,002
30	5,686	18.7028	5,326	18.6467	360	0.0561	6,416	1,864,595	1,859,346	368,370	367,609
31	5,904	19.0347	5,542	18.9746	362	0.0601	6,030	1,897,570	1,891,923	374,791	373,951
32	6,120	19.3538	5,755	19.2896	365	0.0642	5,685	1,929,264	1,923,210	380,957	380,038
33	6,333	19.6605	5,965	19.5921	368	0.0684	5,376	1,959,719	1,953,249	386,877	385,877
34	6,543	19.9551	6,173	19.8825	370	0.0726	5,098	1,988,972	1,982,080	392,560	391,478
35	6,750	20.2381	6,377	20.1612	373	0.0769	4,848	2,017,061	2,009,739	398,012	396,846
36	6,953	20.5097	6,577	20.4284	376	0.0813	4,621	2,044,017	2,036,260	403,241	401,990
37	7,153	20.7702	6,774	20.6844	379	0.0858	4,415	2,069,868	2,061,671	408,251	406,915
38	7,349	21.0199	6,967	20.9296	382	0.0902	4,228	2,094,638	2,085,995	413,048	411,625
39	7,541	21.2589	7,157	21.1641	385	0.0948	4,058	2,118,349	2,109,257	417,637	416,126
40	7,729	21.4876	7,342	21.3882	387	0.0993	3,902	2,141,027	2,131,483	422,022	420,423

*(Continued to the next page)*

Supplemental Table S1. Continued

Stage	Cumulative cost of ES, \$	Cumulative effectiveness of ES, QALY	Cumulative cost of SD, \$	Cumulative effectiveness of SD, QALY	IC, \$	IE, QALY	ICER, \$/QALY	NMB of ES at WTP 100,000, \$	NMB of SD at WTP 100,000, \$	NMB of ES at WTP 20,000, \$	NMB of SD at WTP 20,000, \$
41	7,914	21.7061	7,523	21.6022	391	0.1039	3,759	2,162,699	2,152,700	426,209	424,522
42	8,094	21.9149	7,700	21.8064	394	0.1085	3,628	2,183,392	2,172,936	430,203	428,427
43	8,270	22.1140	7,873	22.0009	397	0.1131	3,507	2,203,132	2,192,216	434,010	432,145
44	8,442	22.3039	8,042	22.1861	400	0.1177	3,395	2,221,943	2,210,568	437,635	435,680
45	8,609	22.4846	8,206	22.3623	403	0.1224	3,293	2,239,854	2,228,019	441,084	439,039
46	8,772	22.6567	8,366	22.5296	406	0.1270	3,197	2,256,894	2,244,598	444,361	442,227
47	8,931	22.8203	8,522	22.6886	409	0.1317	3,109	2,273,095	2,260,339	447,474	445,250
48	9,086	22.9758	8,673	22.8395	413	0.1363	3,027	2,288,491	2,275,276	450,429	448,117
49	9,236	23.1236	8,820	22.9827	416	0.1409	2,951	2,303,119	2,289,447	453,235	450,833
50	9,382	23.2640	8,963	23.1185	419	0.1455	2,880	2,317,017	2,302,890	455,898	453,408

ES, early screening; QALY, quality-adjusted life year; SD, symptomatic detection; IC, incremental cost (cost of ES–cost of SD); IE, incremental effectiveness (effectiveness of ES–effectiveness of SD); ICER, incremental cost-effectiveness ratio; NMB, net monetary benefit; WTP, willingness-to-pay.