

Fig. S1. Variation of crude incidence rates for invasive melanoma according to age during the period of the study.

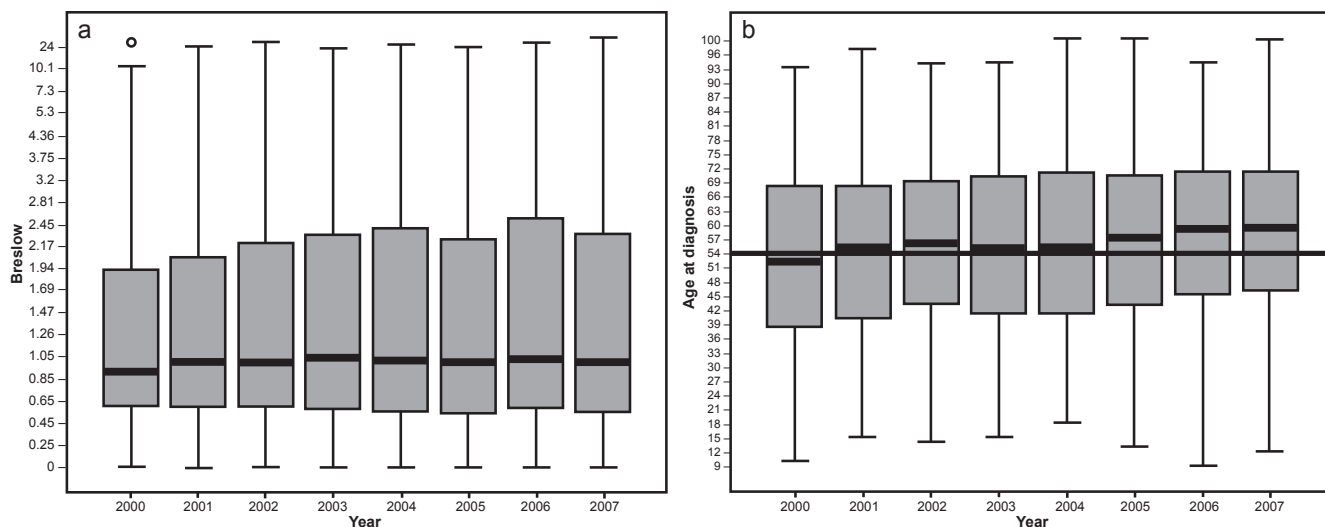


Fig. S2. Distribution of Breslow thickness (a) and age at melanoma diagnosis (b) during the study. Mean Breslow and age is indicated in horizontal dark lines. Mean Breslow remained stable ( $p=0.222$ ). The mean age at diagnosis increased significantly during the study ( $p<0.001$ ).

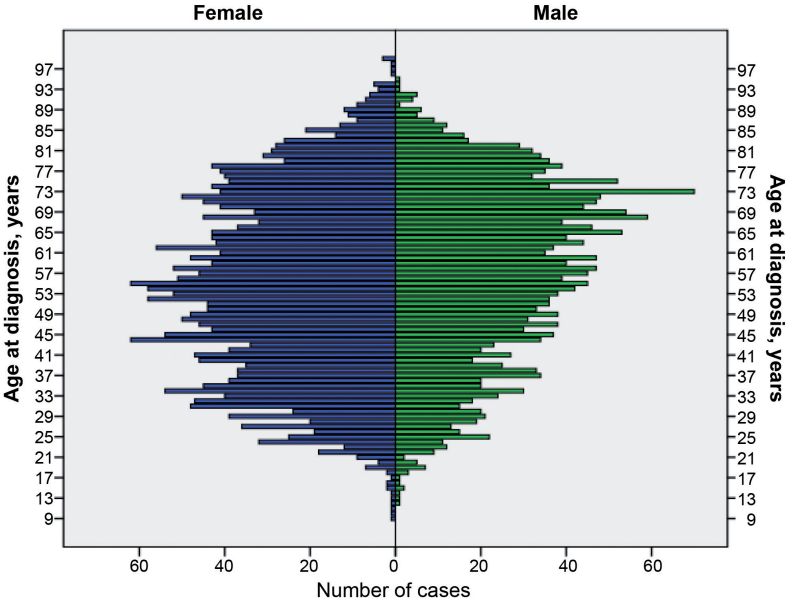


Fig. S3. Distribution of melanoma age of onset according to sex.

Table SIA. Crude rates according to age and years (2000–2002)

Year	Age, years	Catalonia		Immigrants	Crude rate*
		Cases	n	IDESCAT <sup>a</sup> n	
2000	0–4	0	288,563	10,937	0
	5–9	0	276,158	10,058	0
	10–14	2	294,514	11,089	0.679
	15–19	7	364,658	11,541	1.92
	20–24	13	493,741	13,858	2.63
	25–29	27	527,585	20,767	5.12
	30–34	20	503,594	26,179	3.97
	35–39	33	481,441	23,127	6.85
	40–44	31	449,772	16,474	6.89
	45–49	30	408,605	11,006	7.34
	50–54	28	401,538	6,929	6.97
	55–59	19	347,570	5,172	5.47
	60–64	33	298,978	4,216	11.04
	65–69	28	325,140		8.61
	70–74	18	283,708		6.34
75–79	27	224,313	10,237	12.04	
80–84	12	133,289		9	
85+	9	110,737		8.13	
Overall	337	6,213,904	181,590	5.423321635	
2001	0–4	0	302,308	15,193	0
	5–9	0	278,183	13,164	0
	10–14	0	291,208	13,923	0
	15–19	1	348,875	15,090	0.287
	20–24	13	481,396	24,320	2.7
	25–29	25	548,859	35,708	4.55
	30–34	30	519,984	38,989	5.77
	35–39	35	498,405	32,625	7.02
	40–44	42	463,422	23,048	9.06
	45–49	44	418,973	14,599	10.5
	50–54	31	403,002	9,062	7.69
	55–59	41	357,241	5,928	11.48
	60–64	27	296,756	4,906	9.1
	65–69	48	324,998		14.77
	70–74	42	287,398		14.61
75–79	22	230,193	10,764	9.56	
80–84	15	140,121		10.71	
85+	5	113,758		4.4	
Over-all	421	6,305,080	257,320	6.677155563	
2002	0–4	0	317,389	22,206	0
	5–9	0	601,632	19,410	0
	10–14	1	293,141	19,022	0.341
	15–19	2	337,367	20,833	0.593
	20–24	7	471,260	40,734	1.49
	25–29	12	574,189	59,338	2.09
	30–34	27	544,451	59,336	4.96
	35–39	33	520,245	47,783	6.34
	40–44	22	478,207	32,884	4.6
	45–49	32	431,542	21,094	7.42
	50–54	43	409,593	12,555	10.5
	55–59	55	374,413	7,681	14.69
	60–64	32	290,386	6,108	11.02
	65–69	34	324,254		10.49
	70–74	31	291,864		10.62
75–79	32	234,750	13,036	13.63	
80–84	17	148,947		11.41	
85+	11	116,556		9.44	
Overall	391	6,442,797	382,020	6.068792793	

Table SIB. Crude rates according to age and years (2003–2005)

Year	Age, years	Catalonia		Immigrants	Crude rate*
		Cases	n	IDESCAT <sup>a</sup> n	
2003	0–4	0	334,160	30,313	0
	5–9	0	293,137	27,834	0
	10–14	0	296,827	25,385	0
	15–19	4	330,187	27,897	1.21
	20–24	6	457,428	60,693	1.31
	25–29	15	595,422	91,139	2.52
	30–34	30	572,909	86,206	5.24
	35–39	24	541,299	66,149	4.43
	40–44	30	492,139	46,023	6.1
	45–49	31	445,705	29,571	6.96
	50–54	29	412,633	17,339	7.03
	55–59	28	390,753	10,690	7.17
	60–64	25	299,431	7,771	8.35
	65–69	29	314,749		9.21
	70–74	33	297,460		11.09
75–79	31	238,809	15,998	12.98	
80–84	14	158,083		8.86	
85+	12	119,102		10.08	
Overall	341	6,590,233	543,008	5.174323882	
2004	0–4	0	351,924	37,323	0
	5–9	0	303,328	34,200	0
	10–14	0	299,467	31,345	0
	15–19	2	325,979	33,961	0.614
	20–24	7	442,059	69,287	1.58
	25–29	15	605,919	110,334	2.48
	30–34	34	602,138	101,431	5.65
	35–39	20	557,430	77,180	3.59
	40–44	21	508,275	54,077	4.13
	45–49	36	461,010	35,298	7.81
	50–54	39	413,931	20,688	9.42
	55–59	37	401,285	12,471	9.22
	60–64	36	324,837	8,690	11.08
	65–69	30	295,361		10.16
	70–74	32	301,014		10.63
75–79	37	242,945	16,570	15.23	
80–84	17	167,308		10.16	
85+	8	122,185		6.55	
Overall	371	6,726,395	642,846	5.5155845	
2005	0–4	0	368,712	45,552	0
	5–9	0	316,545	41,302	0
	10–14	1	302,958	38,031	0.33
	15–19	4	324,698	41,576	1.23
	20–24	8	432,551	83,446	1.85
	25–29	17	609,856	137,141	2.79
	30–34	33	632,384	127,633	5.22
	35–39	36	574,814	97,240	6.26
	40–44	42	526,675	68,441	7.97
	45–49	40	476,809	44,785	8.39
	50–54	38	421,547	26,836	9.01
	55–59	45	404,241	15,786	11.13
	60–64	33	342,744	10,846	9.63
	65–69	47	287,631		16.34
	70–74	52	301,835		17.23
75–79	27	247,860	20,289	10.89	
80–84	23	175,289		13.12	
85+	15	126,500		11.86	
Overall	461	6,873,649	798,904	6.706772487	

Table SIC. Crude rates according to age and years (2006–2007)

Year	Age, years	Catalonia		Immigrants	Crude rate*
		Cases	<i>n</i>	IDESCAT <sup>a</sup>	
2006	0–4	0	384,640	50,961	0
	5–9	1	332,006	45,877	0.301
	10–14	1	307,836	43,409	0.325
	15–19	1	325,765	48,012	0.307
	20–24	15	424,568	91,690	3.53
	25–29	19	606,943	155,116	3.13
	30–34	28	659,515	146,830	4.25
	35–39	28	594,872	113,660	4.71
	40–44	20	544,601	79,049	3.67
	45–49	35	491,372	52,732	7.12
	50–54	41	432,583	31,605	9.48
	55–59	39	406,015	19,243	9.61
	60–64	51	352,560	12,274	14.47
	65–69	34	286,518		11.87
	70–74	49	302,864		16.18
	75–79	40	253,008	23,299	15.81
80–84	29	181,519		15.98	
85+	12	133,022		9.02	
Overall	443	7,020,207	913,757	6.310355236	
2007	0–4	0	399,765	55,469	0
	5–9	0	346,704	48,660	0
	10–14	1	314,975	47,359	0.317
	15–19	1	329,992	51,766	0.303
	20–24	7	419,738	96,119	1.67
	25–29	15	599,997	160,541	2.5
	30–34	31	682,011	155,901	4.55
	35–39	24	616,205	121,395	3.89
	40–44	35	563,501	85,275	6.21
	45–49	50	503,801	56,717	9.92
	50–54	36	443,717	35,383	8.11
	55–59	54	411,200	20,985	13.13
	60–64	57	368,062	13,210	15.49
	65–69	39	280,362		13.91
	70–74	44	302,475		14.55
	75–79	37	258,145	23,727	14.33
80–84	28	186,539		15.01	
85+	26	141,165		18.42	
Overall	485	7,168,354	972,507	6.765848896	

\*rates reported per 100,000 subjects.

<sup>a</sup>Information obtained from INDESCAT [www.idescat.cat/en/](http://www.idescat.cat/en/) Official statistics of Catalonia on population, economy and society.

Table SII. Continent and Country of origin from Official Residents in Catalonia 2007. Information from: "Ministerio de Trabajo y Asuntos Sociales. Observatorio Permanente de la Inmigración"

Geographic region	<i>n</i>	Geographic region	<i>n</i>	Geographic region	<i>n</i>	Geographic region	<i>n</i>
Total America	269,867	Total Africa	266,542	Total Europe	232,159	Total Asia	91,408
Ecuador	80,055	Morocco	211,475	Romania	74,659	China	38,301
Colombia	41,682	Gambia	15,316	Italy	32,703	Pakistan	21,786
Peru	33,682	Senegal	11,582	France	17,728	India	9,910
Argentina	22,896	Algeria	7,341	Germany	13,438	Philippines	9,498
Dominican Republic	19,466	Mali	3,977	Ukraine	12,966	Bangladesh	3,563
Bolivia	17,900	Nigeria	3,586	United Kingdom	11,746	Other in Asia	8,350
Uruguay	9,648	Other Africa	13,265	Poland	9,967		
Chile	8,600			Bulgaria	9,758		
Brazil	8,259			Portugal	9,255		
Cuba	8,076			Russia	8,380	Total Oceania	319
Venezuela	4,966			Holland	6,184		
Honduras	3,295			Belgium	3,234		
Mexico	3,260			Moldavia	2,997		
United States	3,014			Other in Europe	19,144		
Other America	5,068						