

Supplementary Table 1 Summary of time-related variables in SBCS and replication studies

Variables [*]	Studies [†]	No. case	Mean	Median	Minimum	Maximum
Age at Diagnosis	ABCFS	1395	42.31	39	23	69
	CNIO-BCS	202	59.17	59.5	35	84
	HABCS	821	56.94	57	27	91
	PBCS	1719	55.32	54	27	75
	SBCS	814	58.15	58	28	92
	SEARCH	6631	52.86	53	23	69
	USRT	786	48.27	47	22	82
Years to Enter	ABCFS	1395	0.77	0.59	0	3.54
	CNIO-BCS	202	3.64	2.9	0	12.59
	HABCS	821	0.44	0.2	0.2	36
	PBCS	1719	0.28	0.15	0	3.54
	SBCS	814	4.05	2.85	0	39.99
	SEARCH	6631	1.75	1.4	0	11.75
	USRT	786	12.23	10	2	45
Years to Status	ABCFS	1395	7.47	8.07	0.15	15.46
	CNIO-BCS	202	6.83	6	1.08	16
	HABCS	821	7.37	7.58	0.1	39.5
	PBCS	1719	4.78	4.95	0.09	9.15
	SBCS	814	11.53	11.12	0.98	40.59
	SEARCH	6631	7.94	7.27	0.48	18.02
	USRT	786	16.57	15.26	3.15	45.41
Follow-up	Studies [†]	No. case [‡]	Time at risk	No. death	Mortality rate (per 100 person-years)	
	ABCFS	1239	8629.14	274	3.18	
	CNIO-BCS	190	574.44	6	1.04	
	HABCS	810	5348.04	106	1.98	
	PBCS	1710	7738.44	233	3.01	
	SBCS	747	4237.19	146	3.45	
	SEARCH	6628	35942.28	928	2.58	
	USRT	328	904.93	4	0.44	

^{*} Years to enter is the interval between age at diagnosis and recruitment; Years to status is the interval between age at diagnosis and the last follow-up or the death, whichever is sooner

[†] ABCFS: Australian Breast Cancer Family Study; CNIO-BCS: Spanish National Cancer Centre Breast Cancer study; HABCS: Hannover Breast Cancer Study; PBCS: National Cancer Institute Breast Cancer Study in Poland; SBCS: Sheffield Breast Cancer Study; SEARCH: Studies of Epidemiology and Risk Factors in Cancer Heredity; USRT: US Radiologic Technologist Study

[‡] valid numbers included into the left truncation analysis