

Appendix 1. Participating studies contributing to survival analysis

Study Acronym	Country	All cases		ER positive		ER negative	
		N (breast cancer deaths)	Person-years	N (breast cancer deaths)	Person-years	N (breast cancer deaths)	Person-years
iCOGS	International	29,360 (1790)	128,552	20,605 (942)	89,702	4,926 (558)	21,437
CGEMS	USA	1,145 (93)	7,711	--	--	--	--
SASBAC	Sweden	787 (69)	3,739	483 (44)	2,294	108 (9)	502
UK2	UK	2,763 (233)	23,112	--	--	--	--
Metabric	UK	369 (86)	1,570	291 (59)	1,268	63 (25)	225
PG-SNPs	UK	1,786 (204)	5,820	1,188 (116)	3,916	586 (87)	1,888
HEBCS	Finland	742 (285)	4,666	492 (172)	3,458	196 (101)	982
BPC3-CPSII	USA	293 (30)	2,544	--	--	293 (30)	2,544
BPC3-EPIC	Europe	476 (74)	2,226	--	--	476 (74)	2,226
BPC3-NHS2	USA	233 (36)	2,732	--	--	233 (36)	2,732
Total		37,954 (2,900)		23,059 (1,333)		6,881 (920)	