

Supplementary Table 1 Distribution of third primary cancers^a among second primary cancers^b in female breast first primary cancer patients

		THIRD PRIMARY CANCERS							Others	Total
		Digestive organs	Respiratory and Intrathoracic organs	Breast	Female genital organs	Urinary tract	Thyroid and other endocrine glands	Lymphoid, haematopoietic and related tissues		
SECOND PRIMARY CANCERS	N									
	Digestive organs	15	1	3	7	2	1	0	2	31
	Respiratory and Intrathoracic organs	3	1	0	0	1	0	1	0	6
	Breast	4	3	0	2	0	2	1	1	13
	Female genital organs	0	1	2	2	0	1	2	1	9
	Others	1	1	1	0	2	2	1	0	8
	Total	23	7	6	11	5	6	5	4	67

^a Digestive organs (C15-C26: C16 = 8, C18 = 8, C20 = 4, C21 = 1, C25 = 2), Respiratory and intrathoracic organs (C30-C39: C34 = 7), Breast (C50 = 6), Female genital organs (C51-C58: C51 = 1, C53 = 2, C54 = 7, C55 = 1), Urinary tract (C64-C68: C64 = 5), Thyroid and other endocrine glands (C73-C75: C73 = 6), Lymphoid, haematopoietic and related tissues (C81-C96: C85 = 2, C90 = 1, C91 = 1, C92 = 1), and others: Lip, oral cavity and pharynx (C1-C14 = 1), Skin melanoma (C43 = 1), Mesothelial and soft tissue (C45-C49: C48 = 1), Ill-defined, secondary or unspecified sites (C76-C80 = 1) defined according to the International Statistical Classification of Diseases and Related Health Problems 10th Revision [13].

^b Digestive organs (C15-C26: C15 = 1, C16 = 4, C17 = 1, C18 = 18, C20 = 4, C22 = 1, C23 = 1, C25 = 1), Respiratory and intrathoracic organs (C30-C39: C32 = 1, C34 = 5), Breast (C50 = 14), Female genital organs (C51-C58: C52 = 1, C53 = 1, C54 = 6, C56 = 1), others: Skin melanoma (C43 = 1), Urinary tract (C64-C68: C67 = 1), Eye (C69 = 1), brain and other parts of central nervous system (C70-C72; C71-C72 = 1), Lymphoid, haematopoietic and related tissue (C81-C96: C88 = 1, C92 = 1), Uncertain or unknown behaviour (D37-D48 = 1) defined according to the International Statistical Classification of Diseases and Related Health Problems 10th Revision [13].