

Table S1. Characteristics of included studies in meta-analysis.

NO.	Author	Year	Country	Ethnicity	Study design	Study period	Subtype	Patients (n)	Median age (years)	Follow-up (month)	Cut-off value	Method	Outcomes	NOS score
1	Asano	2016	Japan	Asian	retrospective	2007-2013	All	177	NA	3.4 (0.6-6.0)	150	Previous study	pCR/DFS	8
2	Vincenzo	2018	Italy	Caucasian	retrospective	1999-2018	All	373	50 (26-82)	NA	104.47	ROC	pCR	6
3	Losada	2018	Spain	Caucasian	retrospective	2004-2018	All	104	71 (65-89)	48 (6-149)	150	Previous study	pCR/DFS	8
4	Javier	2018	America	Caucasian	retrospective	2013-2016	All	272	51 (27-85)	NA	150	Previous study	pCR	6
5	Peng	2019	China	Asian	retrospective	2013-2017	All	808	50 (20-72)	NA	151.3	ROC	pCR+PR	6
6	Ileana	2020	France	Caucasian	retrospective	2005-2013	All	206	50.3 (25.3-76.6)	80.4 (2.4-135.6)	150	Previous study	pCR/OS/DFS	8
7	Tulay	2020	Turkey	Caucasian	retrospective	2009-2018	All	131	49 (23-74)	NA	119	ROC	pCR	6
8	Hu	2020	China	Asian	retrospective	2012-2016	Luminal B	980	NA	37 (5-77)	NA	NA	pCR/DFS	8
9	Alan	2020	Turkey	Caucasian	retrospective	2015-2017	All	55	48.5 (27-80)	41 (15-49)	225.3	ROC	pCR	7
10	Jiang	2020	China	Asian	retrospective	2014-2018	All	249	51	4-72	88.23	ROC	pCR/OS	8
11	Christophe	2021	France	Caucasian	retrospective	1996-2016	IBC	75	NA	124.8 (68.5-166.8)	150	Previous study	pCR/OS/DFS	8
12	Ahmet	2021	Turkey	Caucasian	retrospective	2008-2019	All	743	48 (22.0-83.5)	67.5 (10.5-194.4)	131.8	ROC	pCR	7
13	Kübra	2021	Turkey	Caucasian	retrospective	2016-2020	All	150	45.6	NA	150	Previous study	pCR	6
14	Ma	2021	China	Asian	retrospective	2017-2018	All	203	NA	31 (1-39)	135	ROC	pCR/DFS	8
15	Ouissam	2021	Morocco	Caucasian	retrospective	2010-2014	IBC	102	49 (29-88)	NA	178	ROC	pCR/OS/DFS	7
16	Cong	2022	China	Asian	retrospective	2012-2016	All	280	49	NA	155	ROC	pCR/OS	7
17	Chung	2022	China	Asian	retrospective	2012-2019	TNBC	88	51	NA	148.14	ROC	pCR	6
18	Jin	2022	China	Asian	retrospective	2014-2019	All	67	51 (27-81)	NA	106.3	ROC	pCR	6
19	Song	2022	China	Asian	retrospective	2016-2018	All	144	50.4	32 (1-40)	158.365	ROC	DFS	8
20	Lou	2022	China	Asian	retrospective	2015-2018	TNBC	92	52.3 (29-67)	NA	141.36	ROC	pCR	6
21	Yang	2022	China	Asian	retrospective	2020-2022	All	95	NA	NA	118.78	ROC	pCR	6
22	Acikgoz	2022	Turkey	Caucasian	retrospective	2014-2019	All	139	45 (25-75)	39.5 (7.5-93)	181.7	ROC	pCR	7

Abbreviations: NA: not available; OS: overall survival; DFS: disease-free survival; pCR: pathologic complete response; ROC: receiver operating characteristic curve; NOS: Newcastle-Ottawa Scale.