

Supplementary data

Activated Tumor-infiltrating Fibroblasts Predict Worse Prognosis in Breast Cancer Patients

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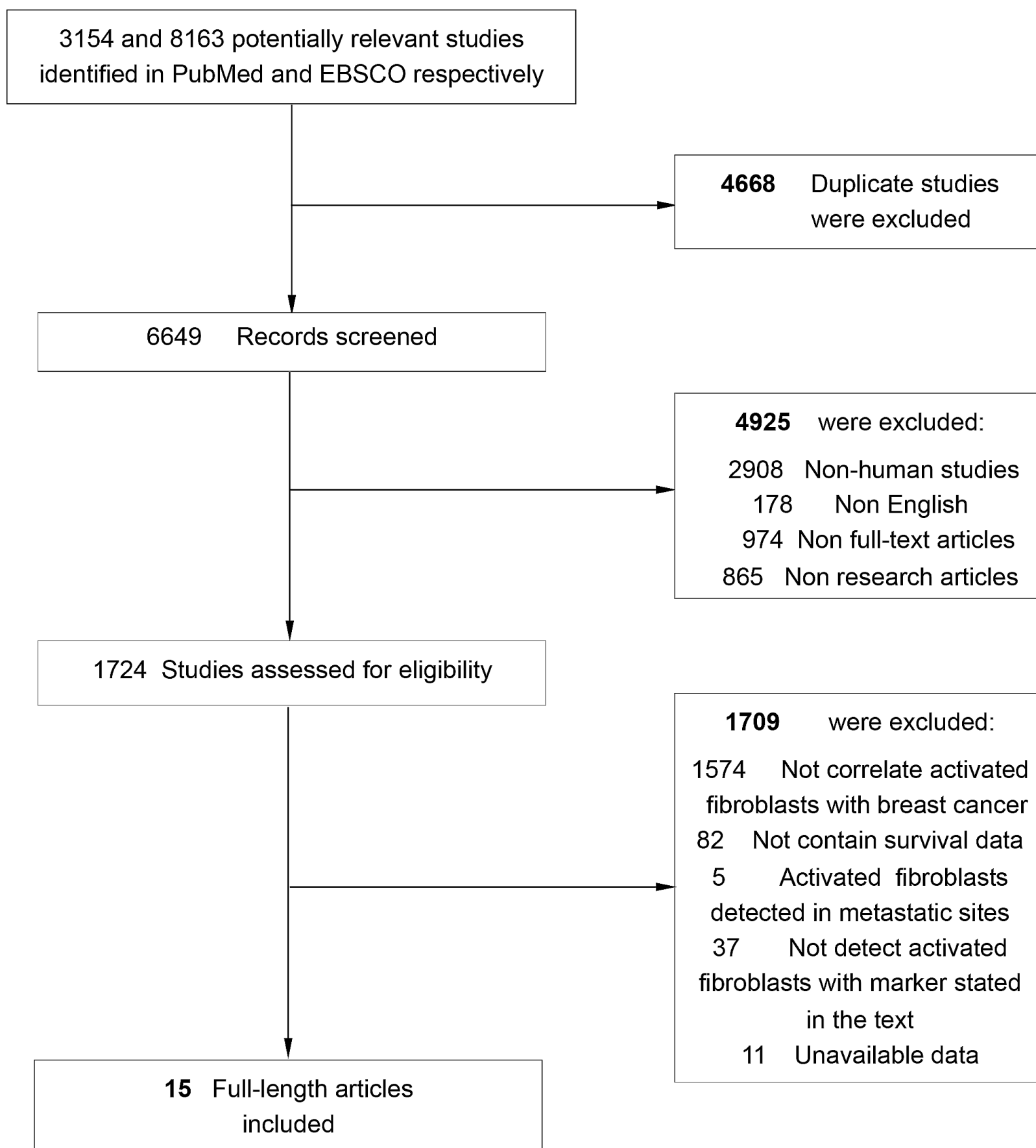


Fig. S1. Flow chart diagram of study selection.

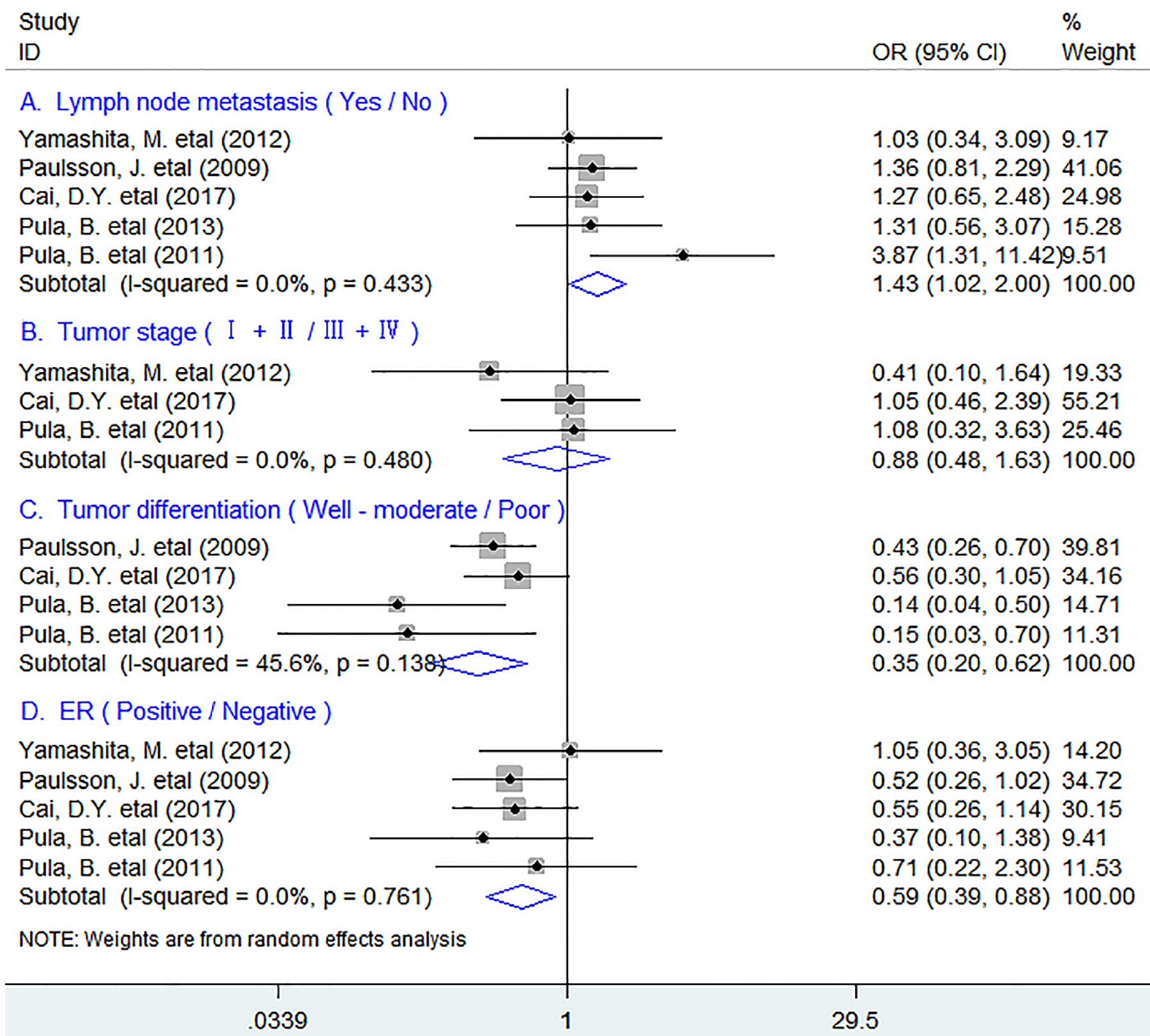


Fig. S2. Forest plots indicating ORs of the association between activated fibroblast infiltration and clinicopathological features such as lymph node metastasis etc of breast cancer.

Table S1. Characteristics of the included studies for OR analysis of clinicopathological features.

Study	Year	Tumor type	No. of Patients	Activated fibroblast density: H / L	Lymph node metastasis (Yes / No)	Tumor stage (I+II / III+IV)	Tumor Differentiation (Well-moderate/poor)	ER (P / N)
Yamashita, M. etal [11]	2012	Invasive breast cancer	60	25/35	H:(8/17); L:(11/24)	H:(19/6); L:(31/4)	NR	H:(16/9); L:(22/13)
Paulsson, J. etal [18]	2009	Invasive breast cancer	289	100/189	H:(39/53); L:(59/109)	NR	H:(52/48); L:(135/53)	H:(81/19); L:(165/20)
Cai, D.Y. etal [24]	2017	Invasive breast cancer	164	72/92	H:(24/48); L:(26/66)	H:(60/12); L:(76/16)	H:(32/40); L:(54/38)	H:(51/21); L:(75/17)
Pula, B. etal [21]	2013	Invasive breast cancer	104	74/30	H:(37/37); L:(13/17)	NR	H:(41/33); L:(27/3)	H:(57/17); L:(27/3)
Pula, B. etal [23]	2011	Invasive breast cancer	117	96/21	H:(52/43); L:(5/16)	H:(78/16); L:(18/4)	H:(57/39); L:(19/2)	H:(72/24); L:(17/4)

H: high; L: low; NR: not reported; P: positive; N: negative; ER: estrogen receptor