Supplementary Online Content


eAppendix. Algorithm to Classify Invasive Breast Cancer as Early vs Late Stage Disease

This supplementary material has been provided by the authors to give readers additional information about their work.
**eAppendix. Algorithm to Classify Invasive Breast Cancer as Early vs Late Stage Disease**

For 4.8% of invasive cancers lacking complete data on AJCC stage, tumors were classified as early or late stage based on tumor size or extension, nodal status, metastasis, or SEER summary stage (situ, local, regional by extension, regional nodes, regional by extension or nodes, distant, missing or unknown). Stage is imputed as early if summary stage is local or regional by extension. If there is no regional lymph node metastasis and no distant metastasis, the stage is imputed as early as well. Stage is imputed as late if summary stage is regional by extension and nodes or it’s distant stage. If tumor size is between 2 and 5 cm and there is metastasis, the stage is imputed as late. If tumor size is greater than 5 cm or any size of tumor with direct extension to chest wall and/or skin, it is imputed as late stage.