

**Revisiting the impact of age and molecular subtype on overall survival after
radiotherapy in breast cancer patients**

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Supplementary Figures S1-S3

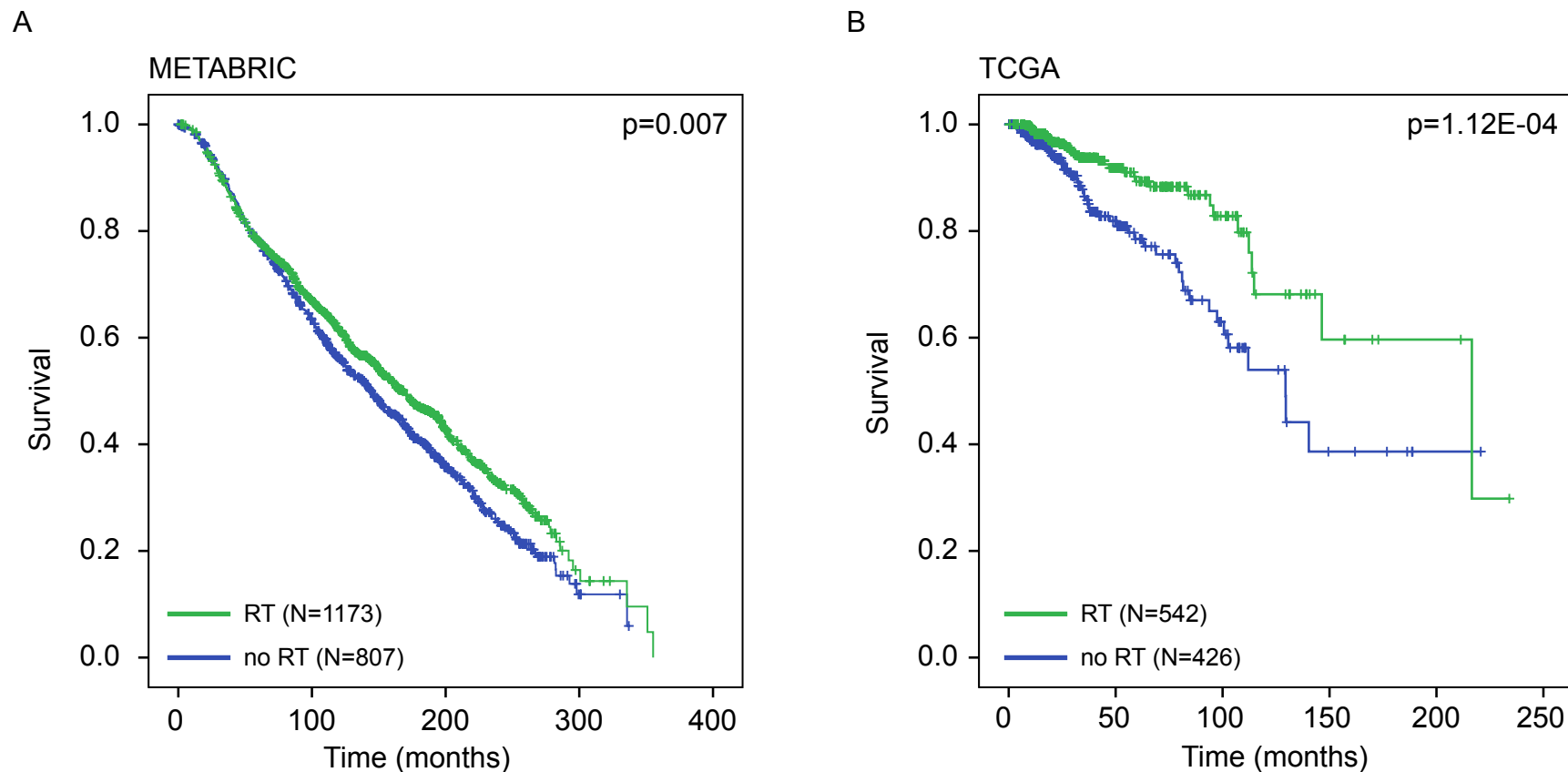


Figure S1. Effect of radiotherapy on overall survival in breast cancer patients.

A. Kaplan-Meier overall survival curve of 1980 breast cancer patients (METABRIC) with (N=1173 patients) and without (N=807 patients) radiotherapy ($p=0.007$). B. Kaplan-Meier overall survival curve of 968 breast cancer patients (TCGA) with (N=542 patients) and without (N=426 patients) radiotherapy ($p=1.12E-04$). P-values were obtained using the log rank (Mantel-Cox) test.

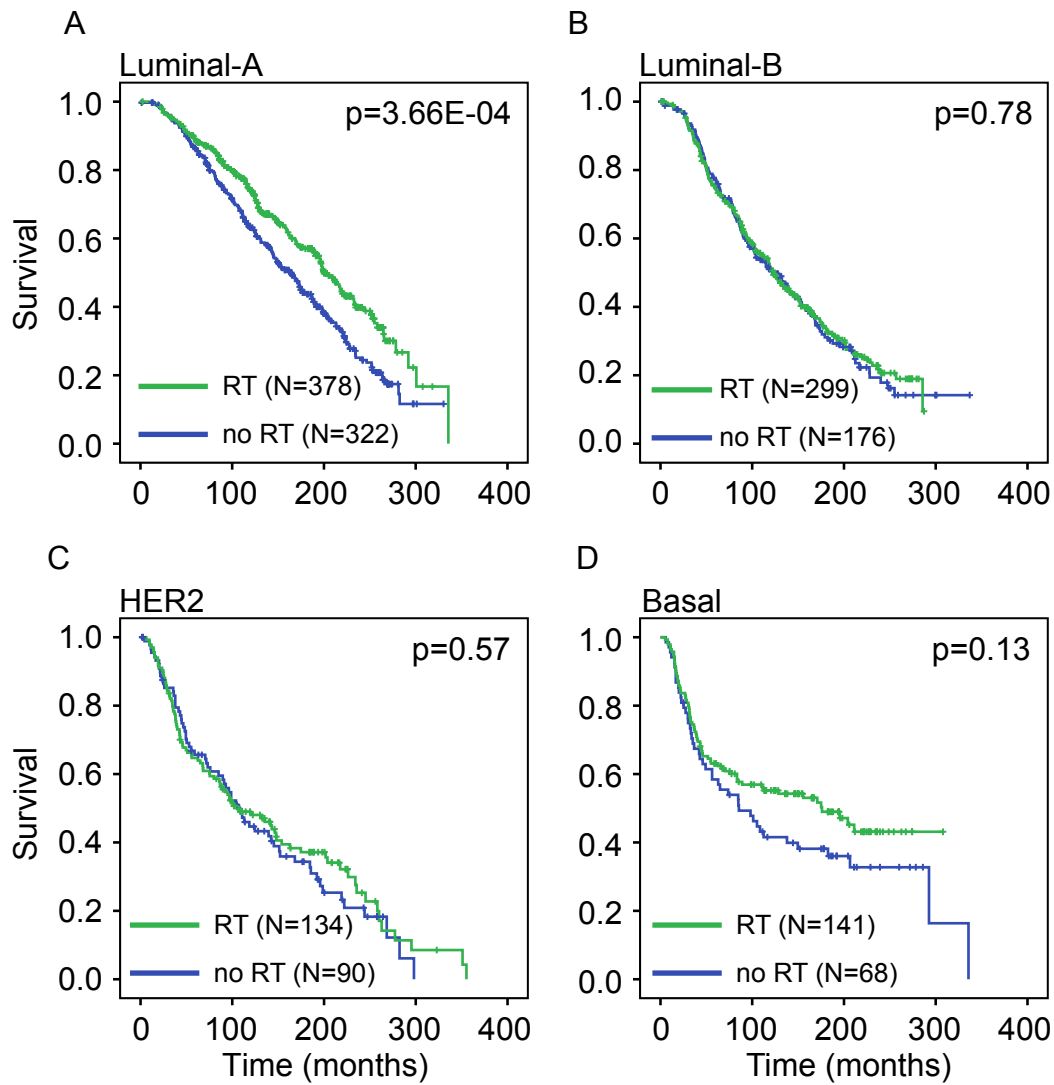


Figure S2. Interaction between molecular subtype and radiotherapy on overall survival in breast cancer patients from the METABRIC cohort. Kaplan-Meier overall survival curves comparing survival for breast cancer patients who did and did not receive radiotherapy across different molecular subtypes: luminal-A (A), luminal-B (B), HER2 (C), basal (D). P-values were obtained using the log rank (Mantel-Cox) test.

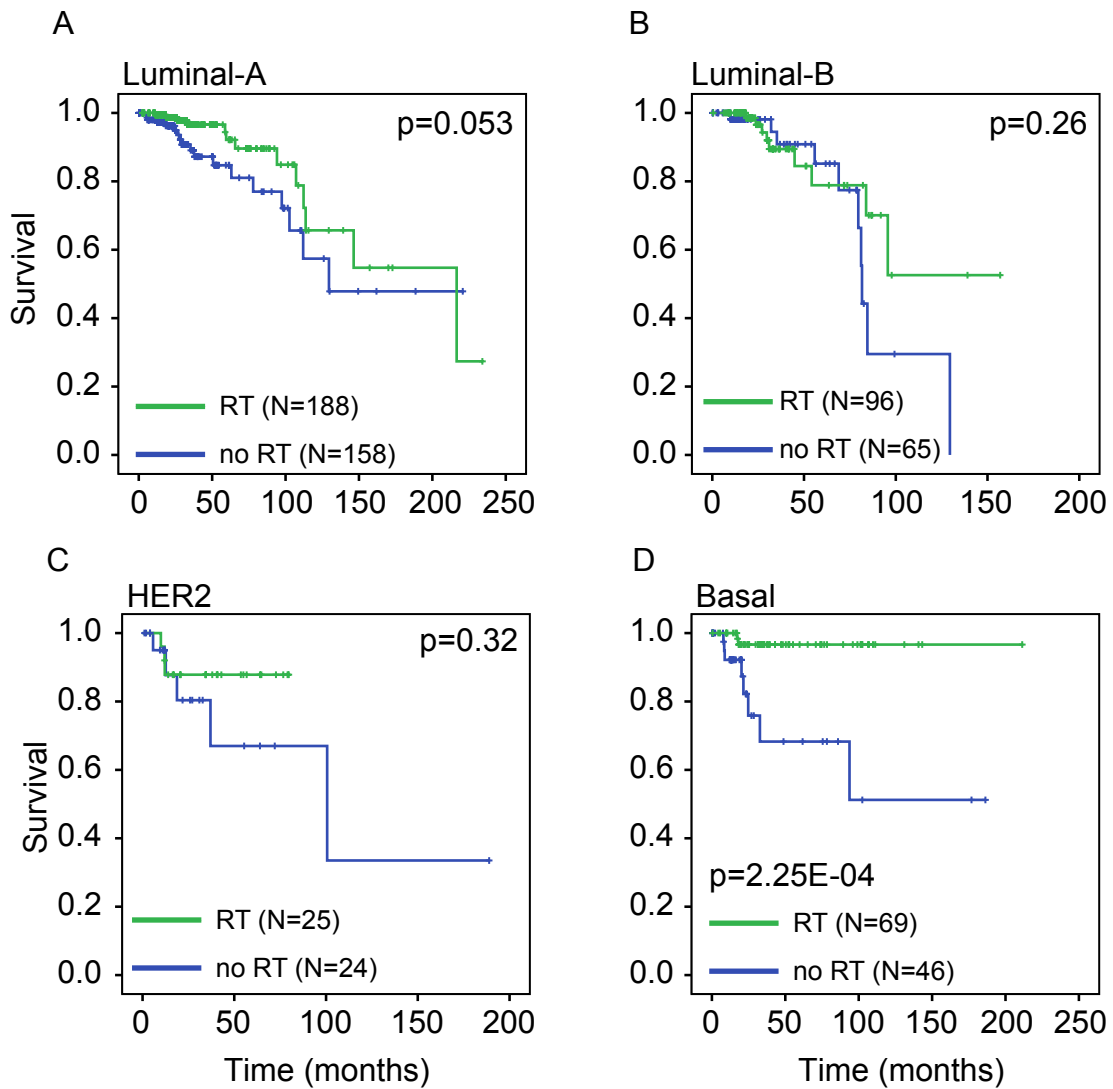


Figure S3. Interaction between molecular subtype and radiotherapy on overall survival in breast cancer patients from the TCGA cohort. Kaplan-Meier overall survival curves comparing survival for breast cancer patients who did and did not receive radiotherapy across different molecular subtypes: luminal-A (A), luminal-B (B), HER2 (C) and basal (D). P-values were obtained using the log rank (Mantel-Cox) test.