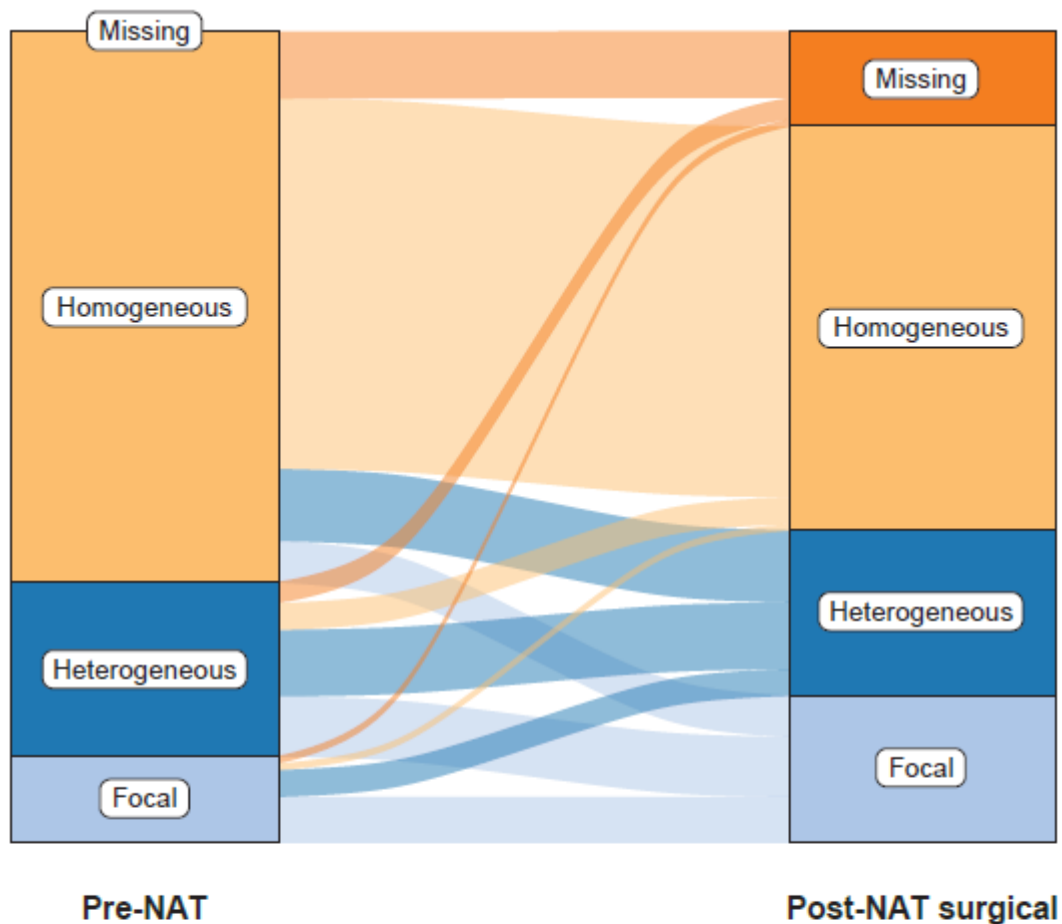


Supplementary Figure S2. Comparison of HER2 expression heterogeneity in paired pre-NAT (i.e., before surgery) and post-NAT surgical samples. Patients were categorized according to whether HER2 staining was focal (<30%), heterogeneous (30–79%), or homogeneous (≥80%) based on the total percentage of cells stained with 2+ and 3+ intensity. IHC, immunohistochemistry; NAT, neoadjuvant therapy.



Subgroup of IHC2+/3+, n (%)	Pre-NAT (n = 1002)	Post-NAT surgical (n = 1002)
Focal	107 (10.7)	182 (18.2)
Heterogeneous	215 (21.5)	204 (20.4)
Homogeneous	679 (67.8)	499 (49.8)
Missing	1 (0.1)	117 (11.7)