ER+/HER2-: N = 1408ER+/HER2+: N = 110STAT3|ILMN\_1663618 (non-ER binding) STAT3|ILMN\_1663618 (non-ER binding) [<=60] p = 0.24871 No detectable trend: [<=60] p = 0.75911No detectable trend: 16 16 [>60] p = 0.076708 [>60] p = 0.71534 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.0020894[AII] p = 0.106554 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis ER-/HER2+: N = 139ER-/HER2-: N = 335STAT3|ILMN\_1663618 (non-ER binding) STAT3|ILMN\_1663618 (non-ER binding) [<=60] p = 0.77388No detectable trend: [<=60] p = 0.90773No detectable trend: 16 16 [>60] p = 0.32634|FC|<2 or adjPval>0.01 [>60] p = 0.33794|FC|<2 or adjPval>0.01 [AII] p = 0.016669[AII] p = 0.835784 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis