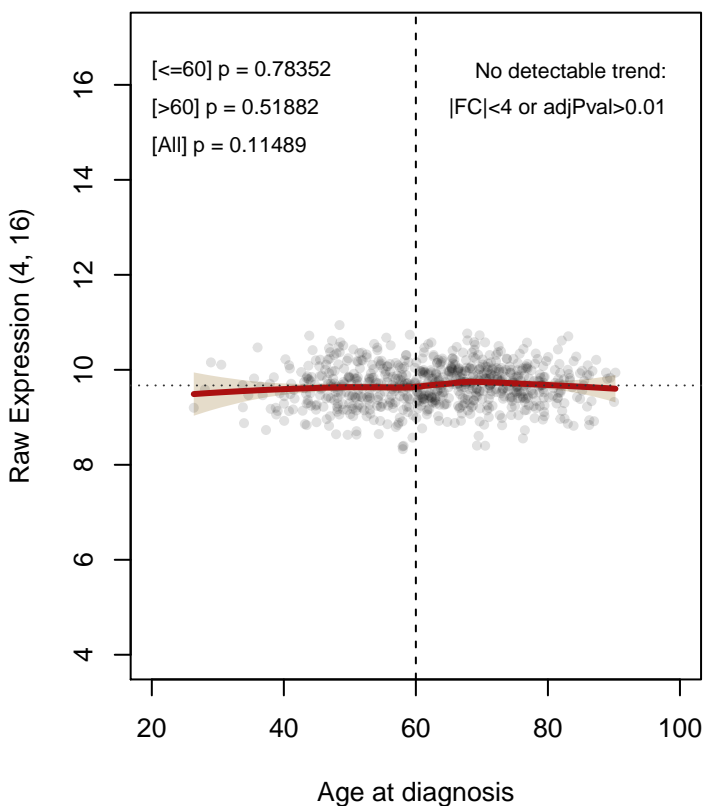**PAM50 LumA: N = 721**
STAT3|ILMN_2401978 (non−ER binding)

[<=60] p = 0.78352
[>60] p = 0.51882
[All] p = 0.11489

No detectable trend:
|FC|<4 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis

PAM50 LumB: N = 492
STAT3|ILMN_2401978 (non−ER binding)

[<=60] p = 0.00072346
[>60] p = 0.56002
[All] p = 0.00099812

No detectable trend:
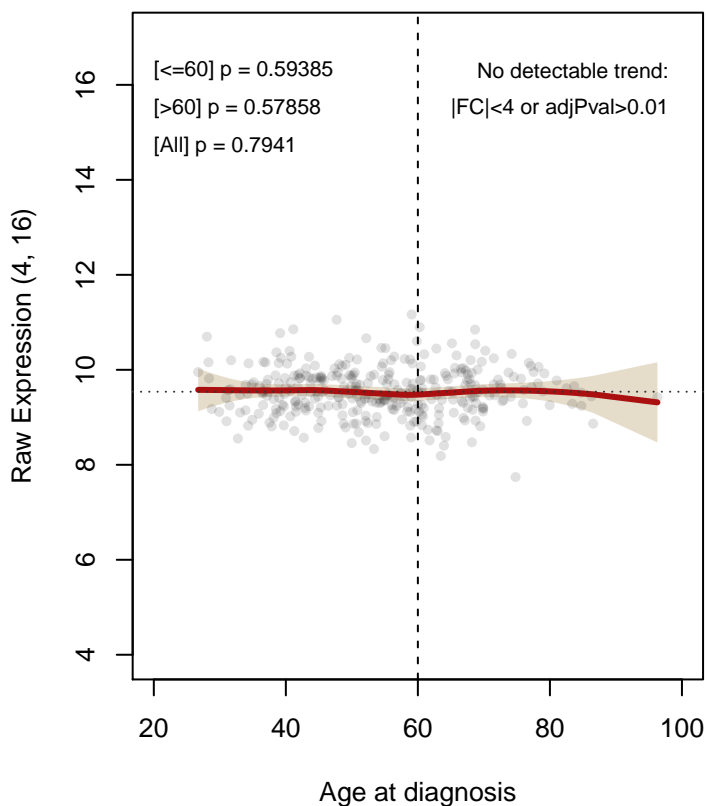|FC|<4 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
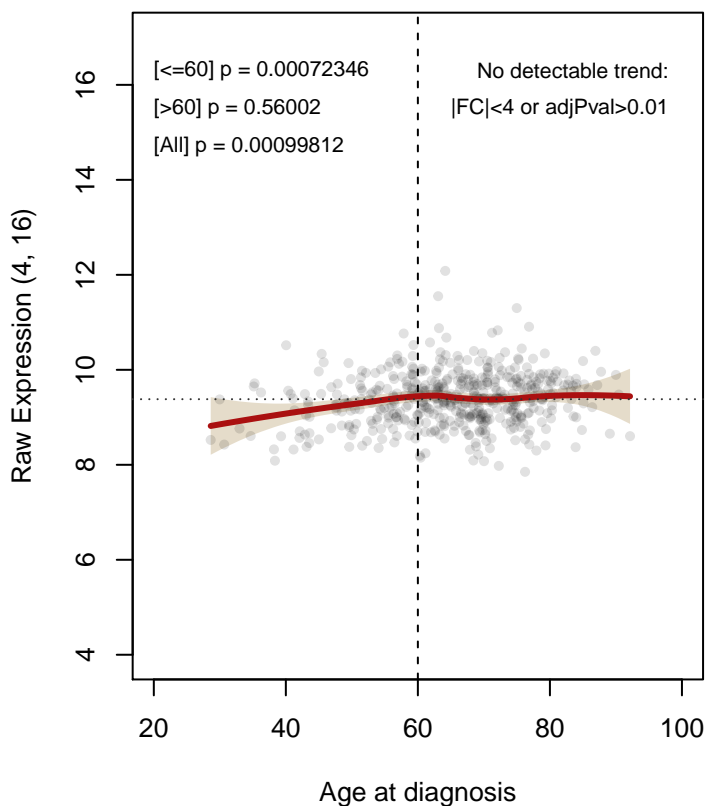
PAM50 Her2: N = 240
STAT3|ILMN_2401978 (non−ER binding)

[<=60] p = 0.34326
[>60] p = 0.17842
[All] p = 9.0561e−05

No detectable trend:
|FC|<4 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
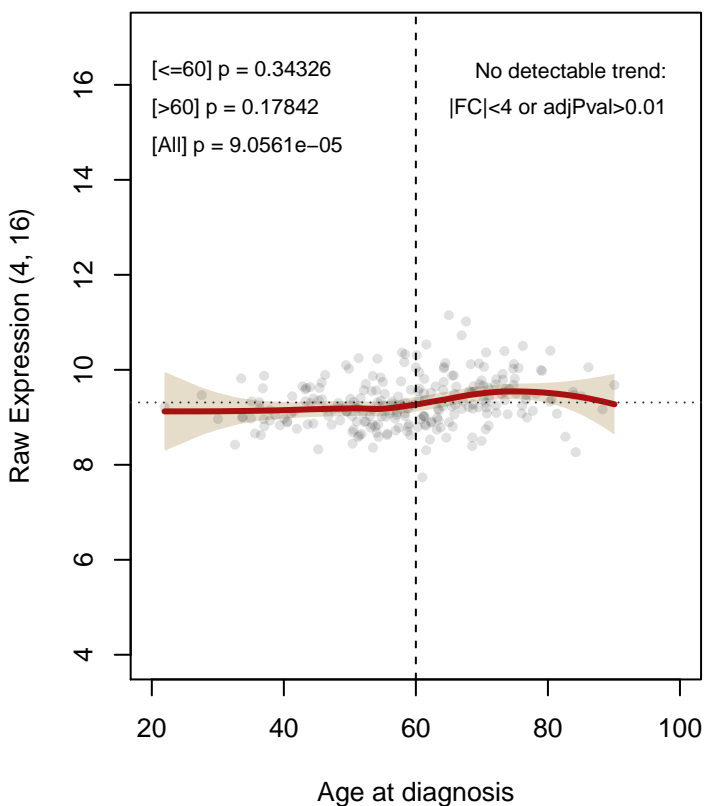
PAM50 Basal: N = 331
STAT3|ILMN_2401978 (non−ER binding)

[<=60] p = 0.59385
[>60] p = 0.57858
[All] p = 0.7941

No detectable trend:
|FC|<4 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis

PAM50 Normal: N = 202
STAT3|ILMN_2401978 (non−ER binding)

[<=60] p = 0.45907

[>60] p = 0.59741

[All] p = 0.48701

No detectable trend:

|FC|<4 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis