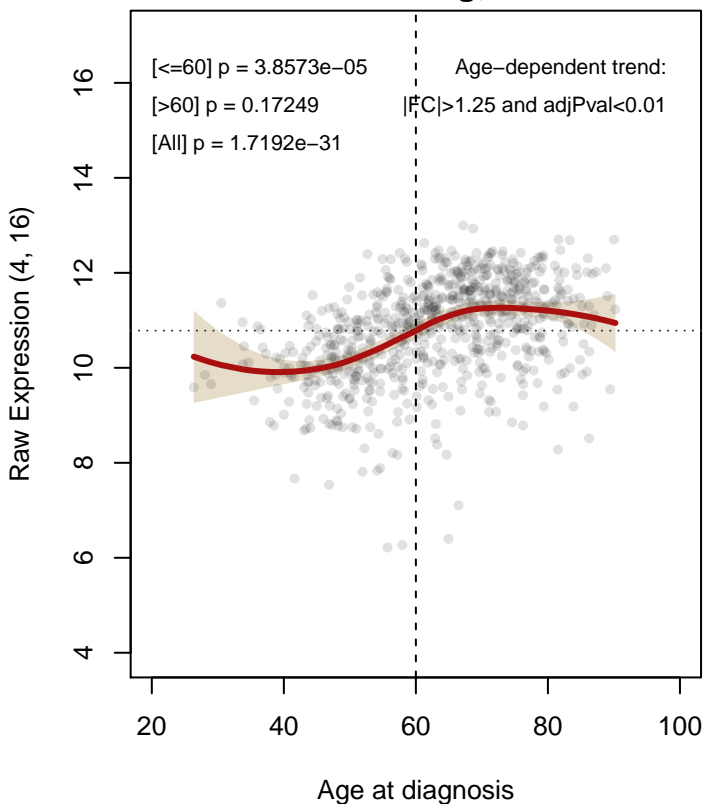**PAM50 LumA: N = 721**
ER−alpha|ILMN_1678535
NKI Tier 1: non−ER binding; Tier 2: ER binding

[<=60] p = 3.8573e−05
[>60] p = 0.17249
[All] p = 1.7192e−31

Age−dependent trend:
|FC|>1.25 and adjPval<0.01

Raw Expression (4, 16)
Age at diagnosis

PAM50 LumB: N = 492
ER−alpha|ILMN_1678535
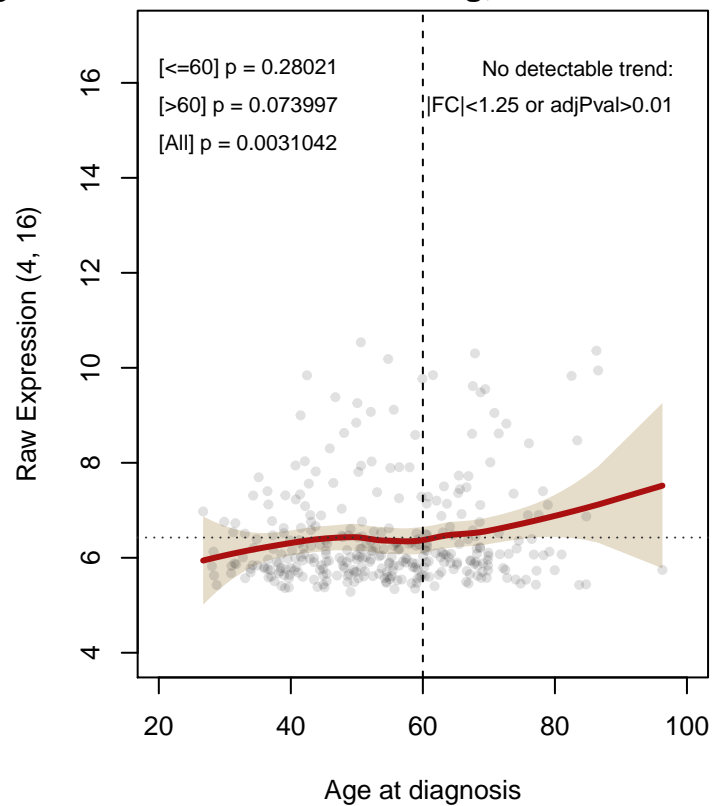**NKI Tier 1: non−ER binding; Tier 2: ER binding**

[<=60] p = 2.3335e−09
[>60] p = 0.14297
[All] p = 6.135e−22

Age−dependent trend:
|FC|>1.25 and adjPval<0.01

Raw Expression (4, 16)
Age at diagnosis
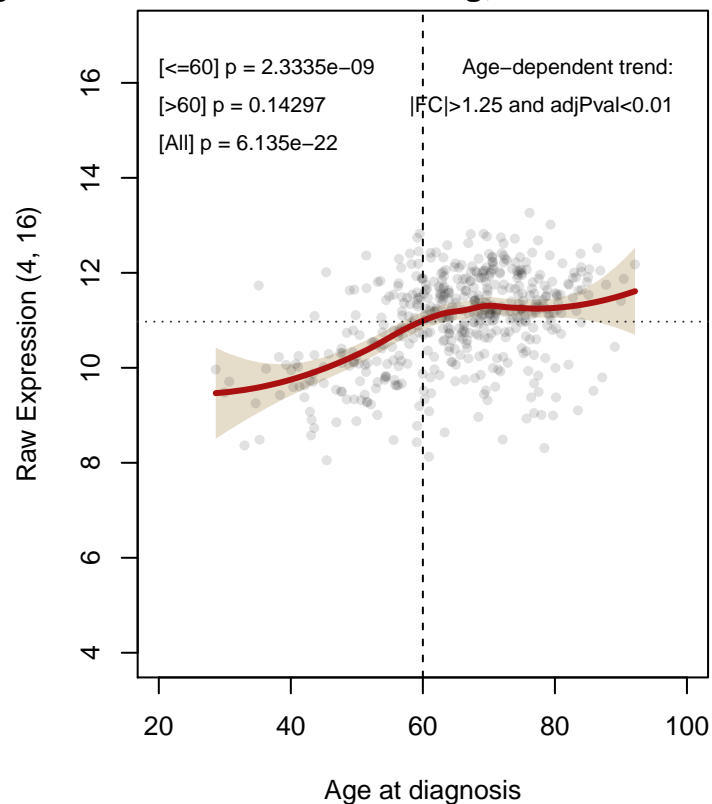
PAM50 Her2: N = 240
ER−alpha|ILMN_1678535
NKI Tier 1: non−ER binding; Tier 2: ER binding

[<=60] p = 0.20098
[>60] p = 0.70889
[All] p = 4.1195e−05

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)
Age at diagnosis
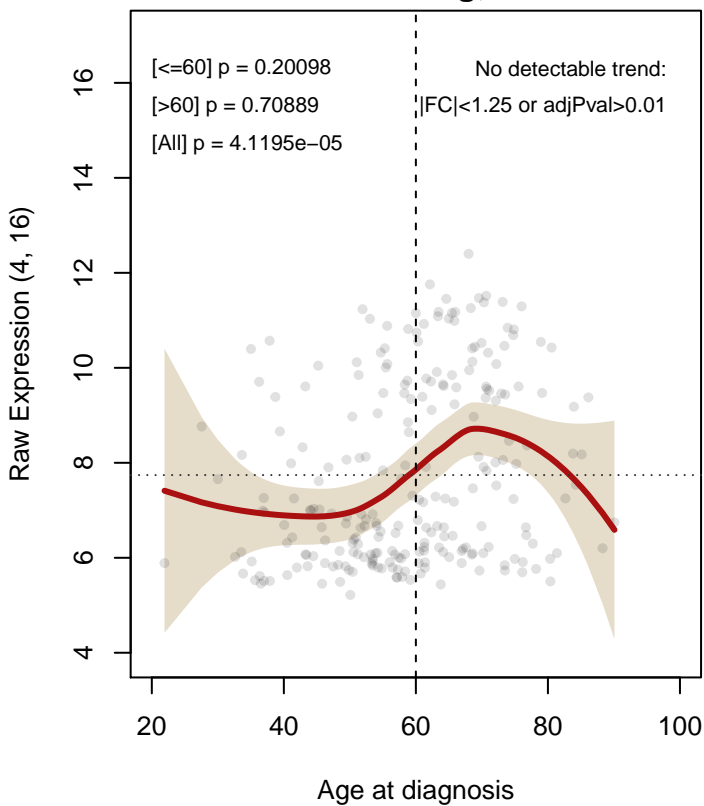
PAM50 Basal: N = 331
ER−alpha|ILMN_1678535
NKI Tier 1: non−ER binding; Tier 2: ER binding

[<=60] p = 0.28021
[>60] p = 0.073997
[All] p = 0.0031042

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)
Age at diagnosis

PAM50 Normal: N = 202
ER−alpha|ILMN_1678535
NKI Tier 1: non−ER binding; Tier 2: ER binding

[<=60] p = 0.0594

[>60] p = 0.96027

[All] p = 0.030157

No detectable trend:

|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis