PAM50 LumA: N = 721
ERK2|ILMN_1767320
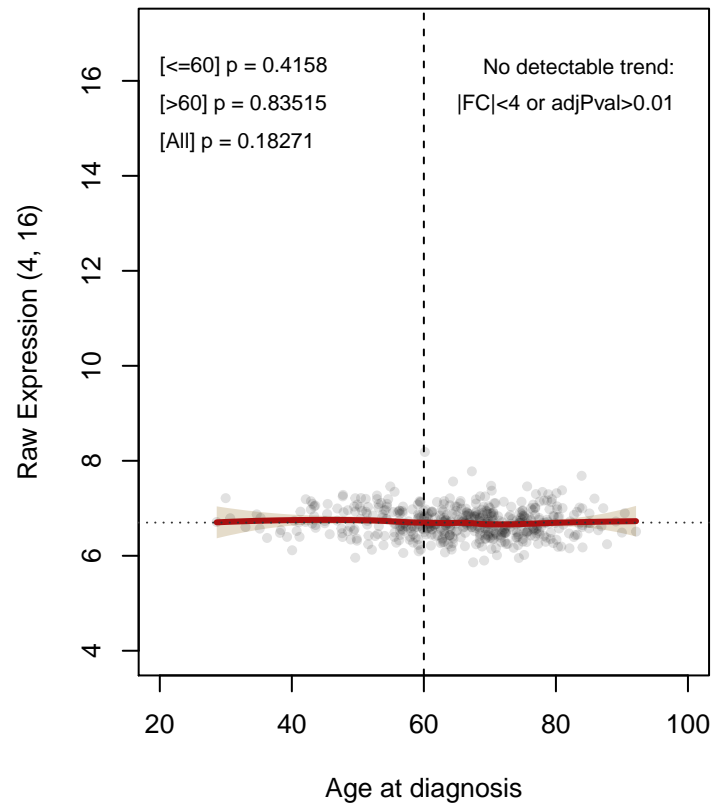**NKI Tier 1: non−ER binding; Tier 2: non−ER bindi**

[<=60] p = 0.23387
[>60] p = 0.55283
[All] p = 0.0014842

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

Raw Expression (4, 16)

Age at diagnosis
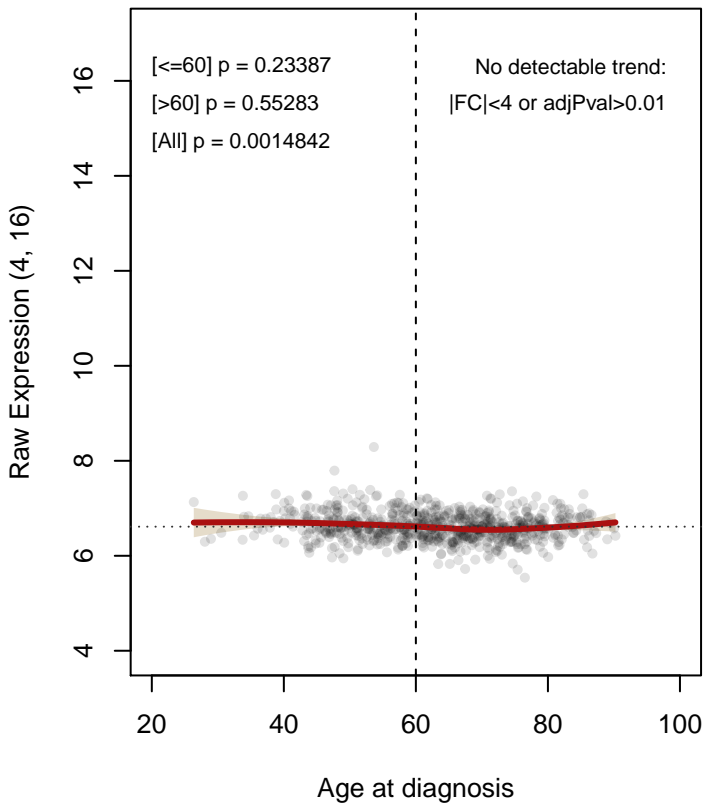
PAM50 LumB: N = 492
ERK2|ILMN_1767320
NKI Tier 1: non−ER binding; Tier 2: non−ER bindi

[<=60] p = 0.4158
[>60] p = 0.83515
[All] p = 0.18271

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

Raw Expression (4, 16)

Age at diagnosis

PAM50 Her2: N = 240
ERK2|ILMN_1767320
NKI Tier 1: non−ER binding; Tier 2: non−ER bindi

[<=60] p = 0.43969
[>60] p = 0.42456
[All] p = 0.3819

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

Raw Expression (4, 16)

Age at diagnosis
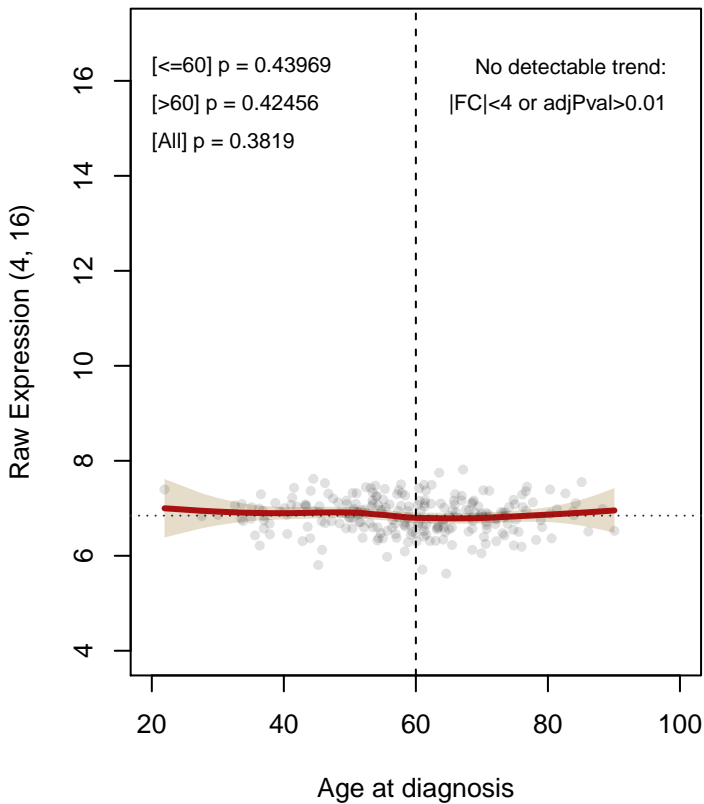
PAM50 Basal: N = 331
ERK2|ILMN_1767320
NKI Tier 1: non−ER binding; Tier 2: non−ER bindi

[<=60] p = 0.95372
[>60] p = 0.52266
[All] p = 0.90678

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

Raw Expression (4, 16)

Age at diagnosis
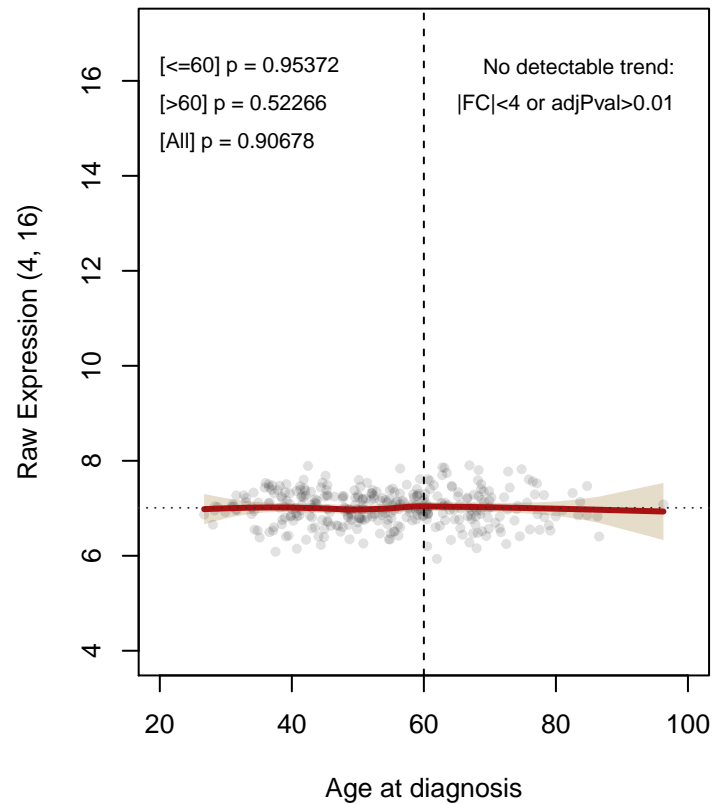
PAM50 Normal: N = 202
ERK2|ILMN_1767320
NKI Tier 1: non−ER binding; Tier 2: non−ER bindi

[<=60] p = 0.55248

[>60] p = 0.16237

[All] p = 0.83805

No detectable trend:

|FC|<4 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis