**PAM50 LumA: N = 721**
**VHL|ILMN_1738579 (non−ER binding)**

[<=60] p = 0.56365
[>60] p = 0.34696
[All] p = 0.17839

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

Raw Expression (4, 16)

Age at diagnosis
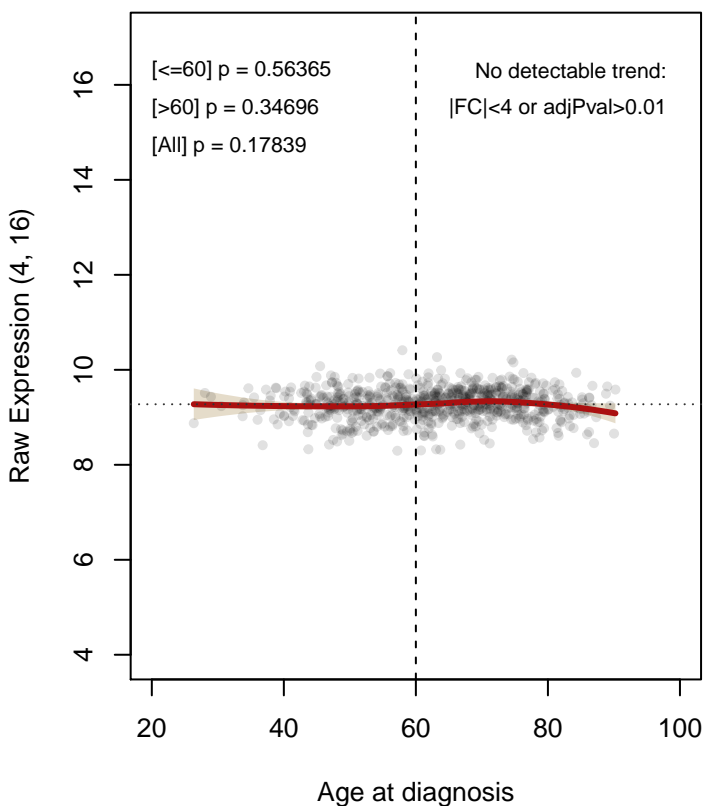
**PAM50 LumB: N = 492**
**VHL|ILMN_1738579 (non−ER binding)**

[<=60] p = 0.15377
[>60] p = 0.042836
[All] p = 0.0084034

No detectable trend:
|FC|<4 or adjPval>0.01
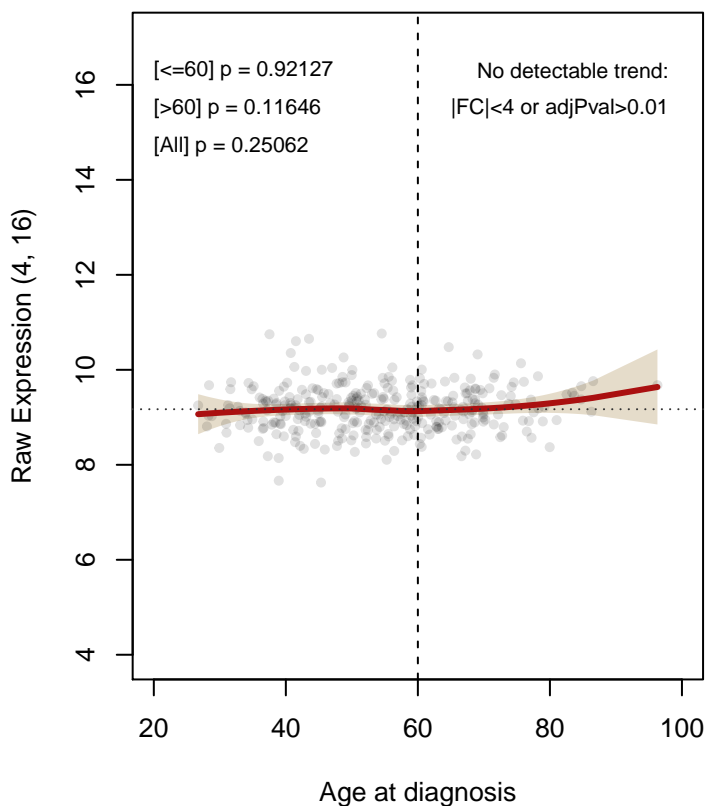
Raw Expression (4, 16)

Age at diagnosis
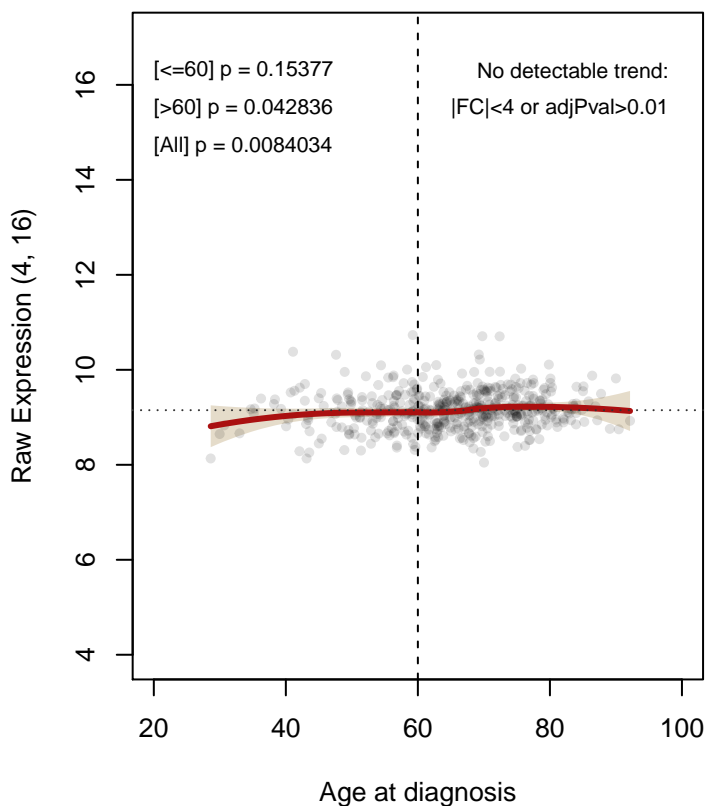
**PAM50 Her2: N = 240**
**VHL|ILMN_1738579 (non−ER binding)**

[<=60] p = 0.0080695
[>60] p = 0.93708
[All] p = 0.11939

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

Raw Expression (4, 16)

Age at diagnosis
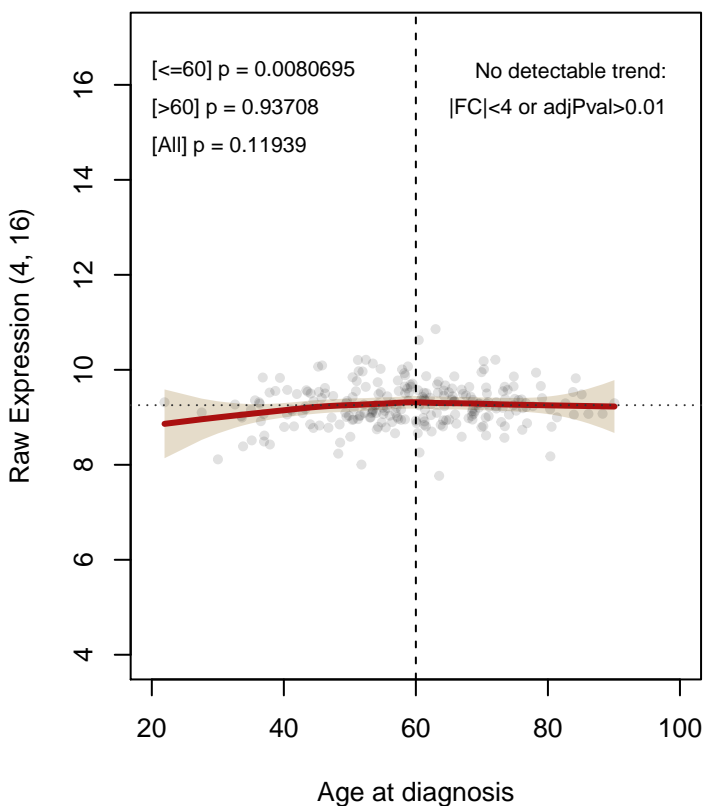
**PAM50 Basal: N = 331**
**VHL|ILMN_1738579 (non−ER binding)**

[<=60] p = 0.92127
[>60] p = 0.11646
[All] p = 0.25062

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

Raw Expression (4, 16)

Age at diagnosis

**PAM50 Normal: N = 202**
**VHL|ILMN_1738579 (non−ER binding)**

[<=60] p = 0.63375

[>60] p = 0.023751

[All] p = 0.34886

No detectable trend:

|FC|<4 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis