**iClust 1: N = 140**
**ARHGAP28|ILMN_1796772 (non−ER binding)**

[<=60] p = 0.062331
[>60] p = 0.73436
[All] p = 0.02423

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

Raw Expression (4, 16)

Age at diagnosis

**iClust 2: N = 72**
**ARHGAP28|ILMN_1796772 (non−ER binding)**

[<=60] p = 0.60526
[>60] p = 0.046548
[All] p = 0.020815

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

Raw Expression (4, 16)

Age at diagnosis

**iClust 3: N = 294**
**ARHGAP28|ILMN_1796772 (non−ER binding)**

[<=60] p = 0.51213
[>60] p = 0.052448
[All] p = 7.2306e−10

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

Raw Expression (4, 16)

Age at diagnosis

**iClust 4: N = 344**
**ARHGAP28|ILMN_1796772 (non−ER binding)**

[<=60] p = 0.97806
[>60] p = 0.00014162
[All] p = 0.0015238

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

Raw Expression (4, 16)

Age at diagnosis

**iClust 5: N = 191**
**ARHGAP28|ILMN_1796772 (non−ER binding)**

[<=60] p = 0.13594
[>60] p = 0.090036
[All] p = 0.022546

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

Raw Expression (4, 16)

Age at diagnosis
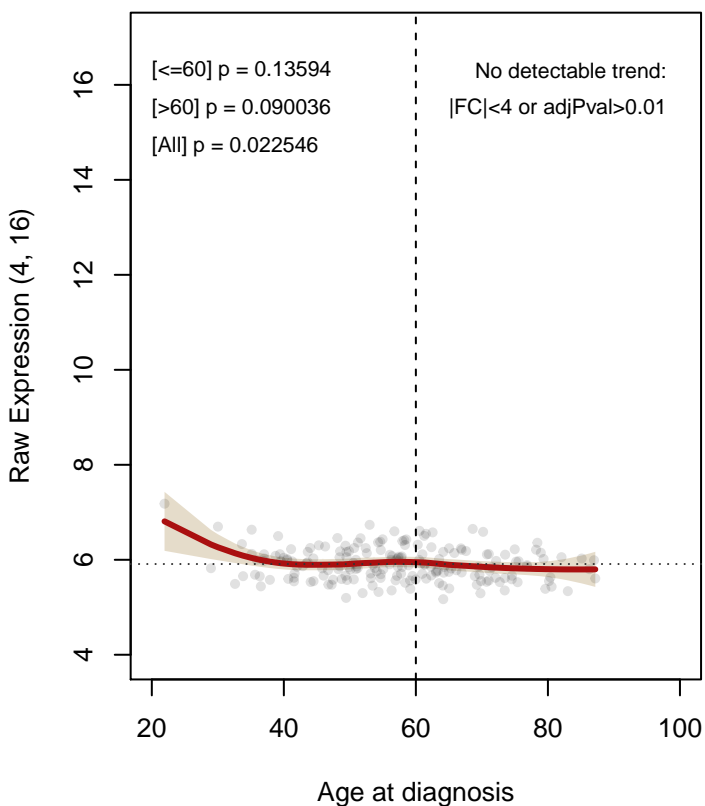
**iClust 6: N = 86**
**ARHGAP28|ILMN_1796772 (non−ER binding)**

[<=60] p = 0.79189
[>60] p = 0.8064
[All] p = 0.00027354

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

Raw Expression (4, 16)

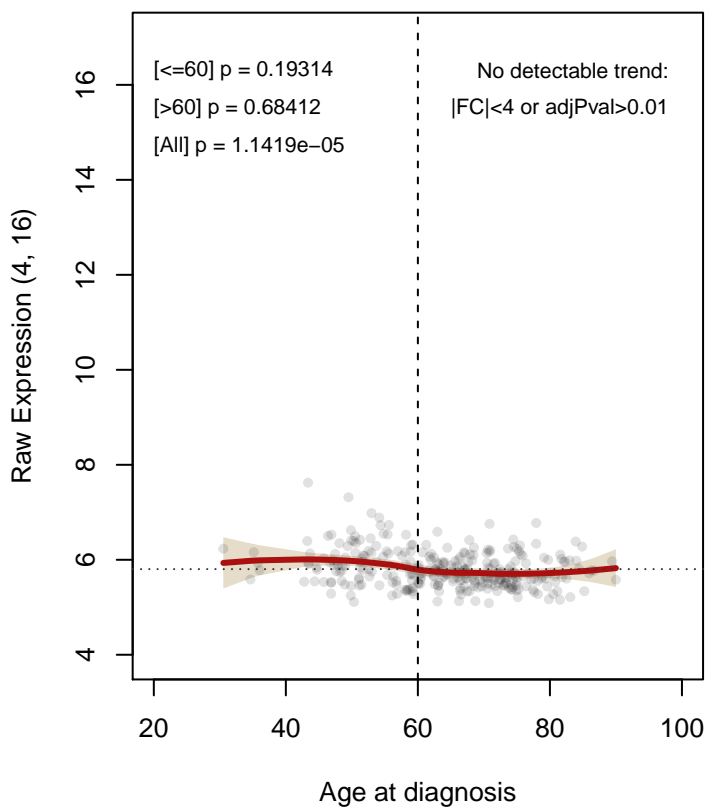Age at diagnosis
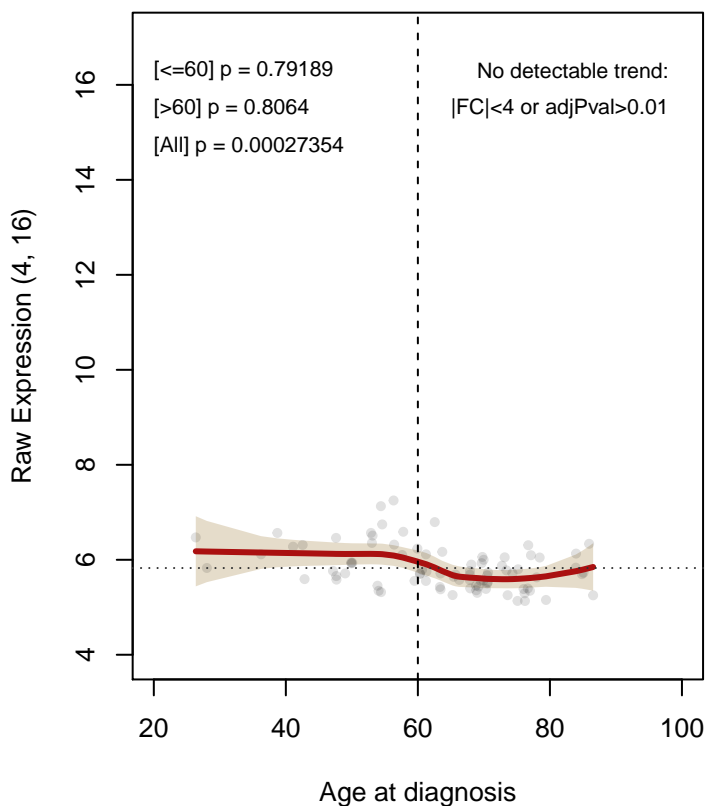
**iClust 7: N = 193**
**ARHGAP28|ILMN_1796772 (non−ER binding)**

[<=60] p = 0.29599
[>60] p = 0.54399
[All] p = 0.051566

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

Raw Expression (4, 16)

Age at diagnosis
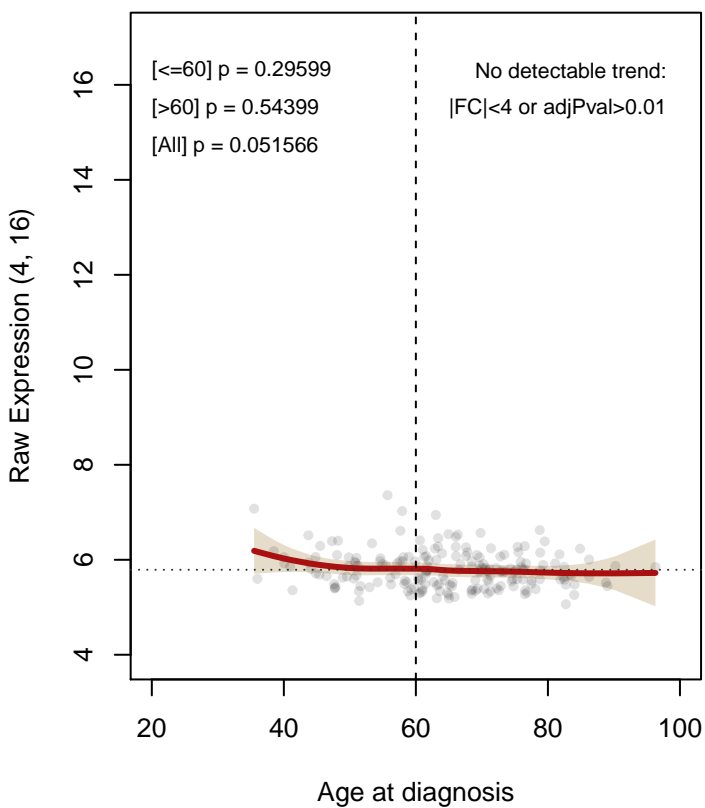
**iClust 8: N = 300**
**ARHGAP28|ILMN_1796772 (non−ER binding)**

[<=60] p = 0.19314
[>60] p = 0.68412
[All] p = 1.1419e−05

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

Raw Expression (4, 16)

Age at diagnosis

**iClust 9: N = 146**
**ARHGAP28|ILMN_1796772 (non−ER binding)**

[<=60] p = 0.10332
[>60] p = 0.79902
[All] p = 0.002765

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

Raw Expression (4, 16)

Age at diagnosis
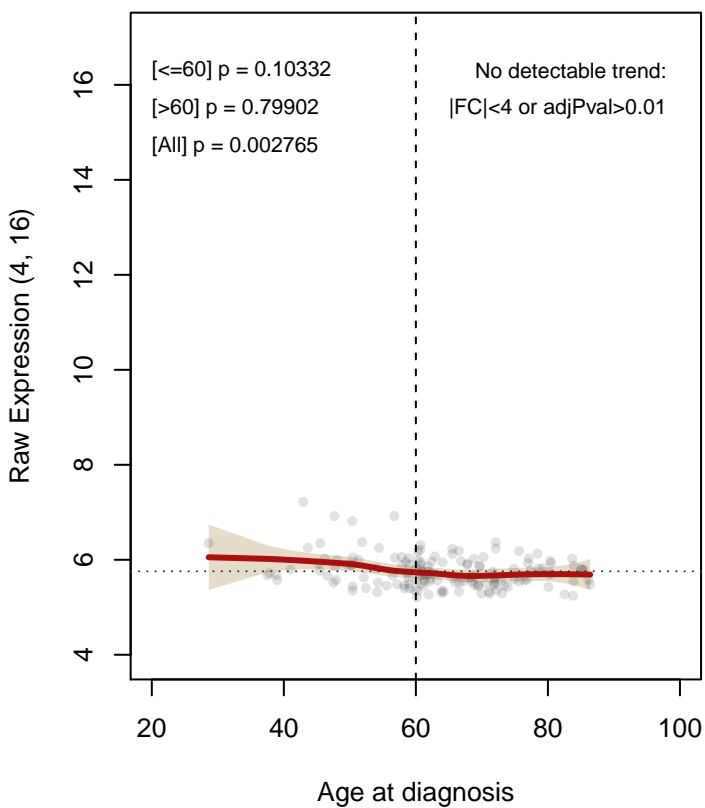
**iClust 10: N = 226**
**ARHGAP28|ILMN_1796772 (non−ER binding)**

[<=60] p = 0.55059
[>60] p = 0.078033
[All] p = 0.53659

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

Raw Expression (4, 16)

Age at diagnosis