**iClust 1: N = 140**
**PHC2/HPH2|ILMN_1670147 (non−ER binding)**

[<=60] p = 0.88073
[>60] p = 0.14404
[All] p = 0.76702

No detectable trend:
|FC|<2 or adjPval>0.01

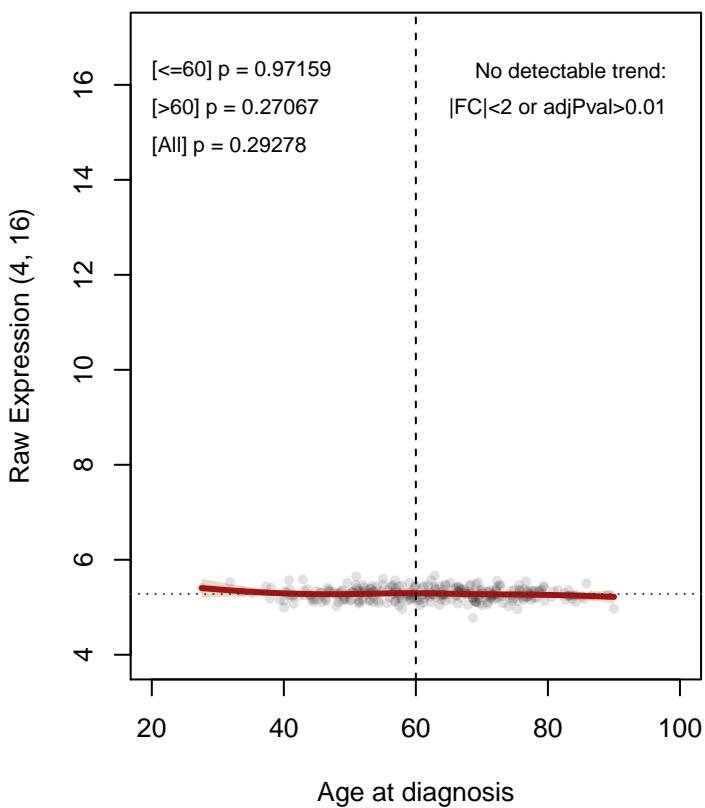Raw Expression (4, 16)

Age at diagnosis
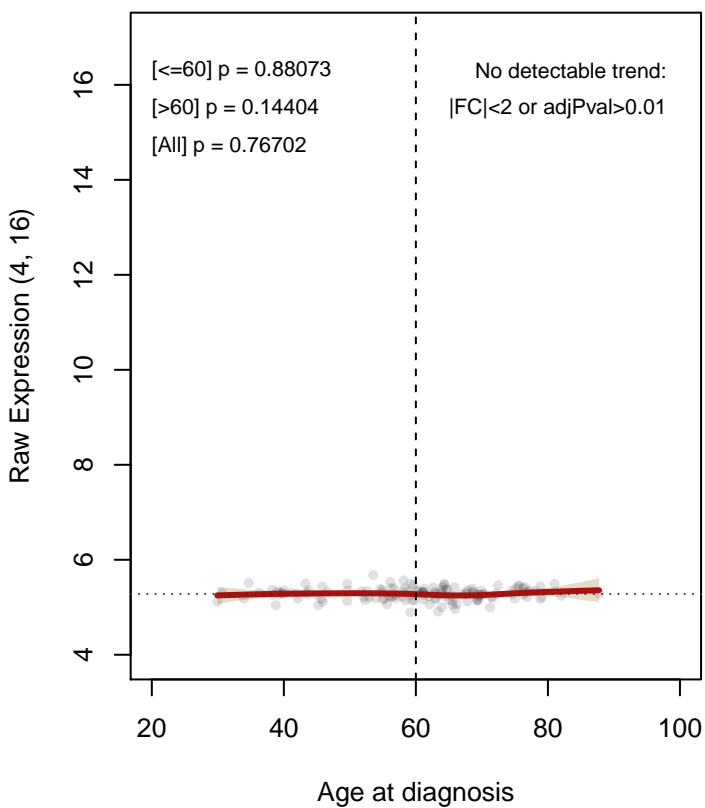
**iClust 2: N = 72**
**PHC2/HPH2|ILMN_1670147 (non−ER binding)**

[<=60] p = 0.88722
[>60] p = 0.13745
[All] p = 0.2271

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
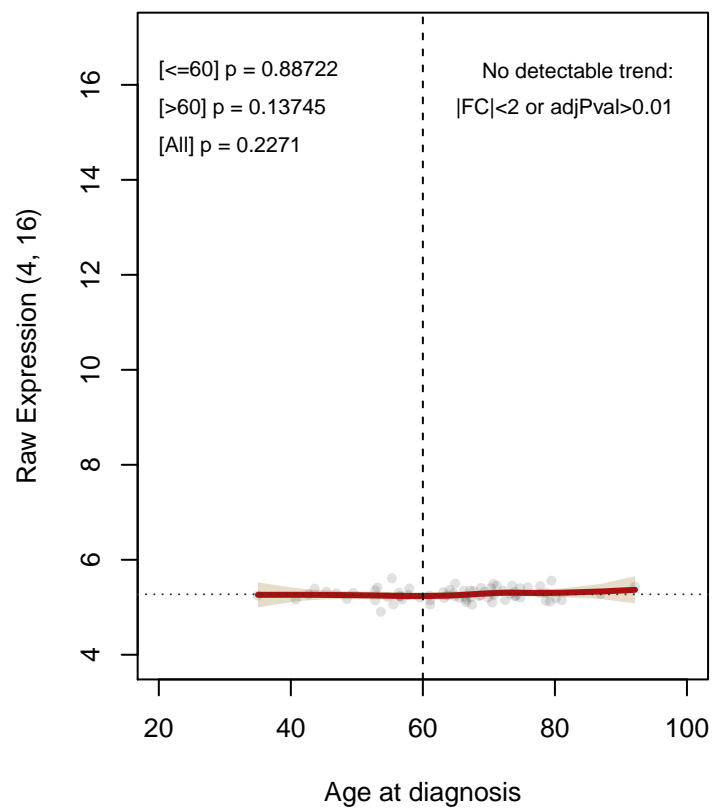
**iClust 3: N = 294**
**PHC2/HPH2|ILMN_1670147 (non−ER binding)**

[<=60] p = 0.97159
[>60] p = 0.27067
[All] p = 0.29278

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis

**iClust 4: N = 344**
**PHC2/HPH2|ILMN_1670147 (non−ER binding)**

[<=60] p = 0.55659
[>60] p = 0.74394
[All] p = 0.11507

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
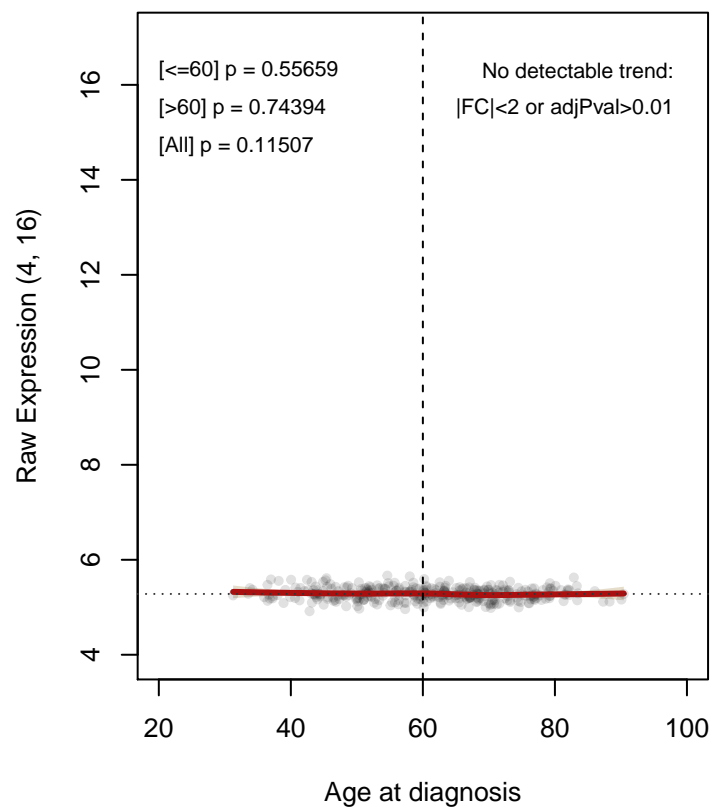
**iClust 5: N = 191**
**PHC2/HPH2|ILMN_1670147 (non−ER binding)**

[<=60] p = 0.11702
[>60] p = 0.85429
[All] p = 0.60823

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
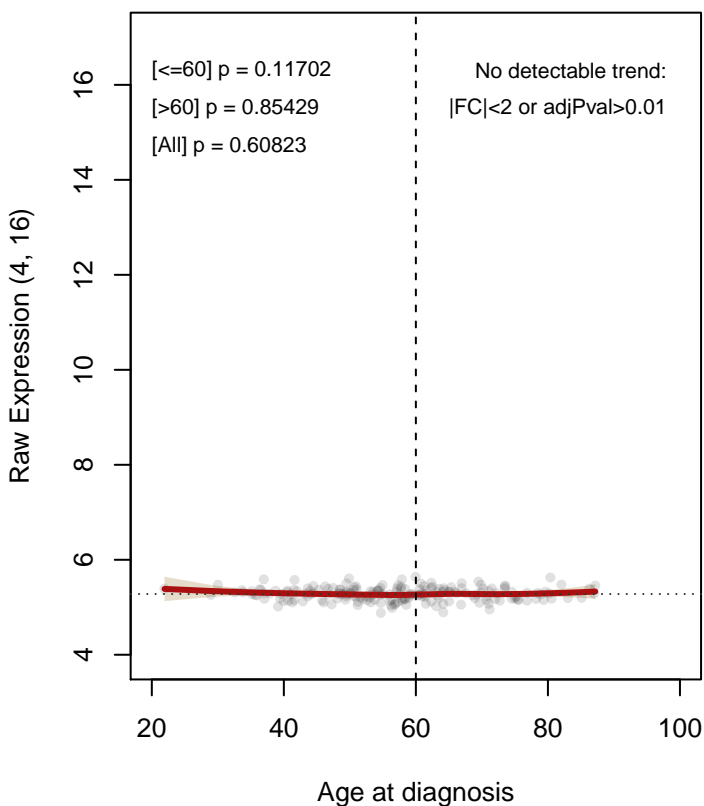
**iClust 6: N = 86**
**PHC2/HPH2|ILMN_1670147 (non−ER binding)**

[<=60] p = 0.61307
[>60] p = 0.72554
[All] p = 0.95071

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
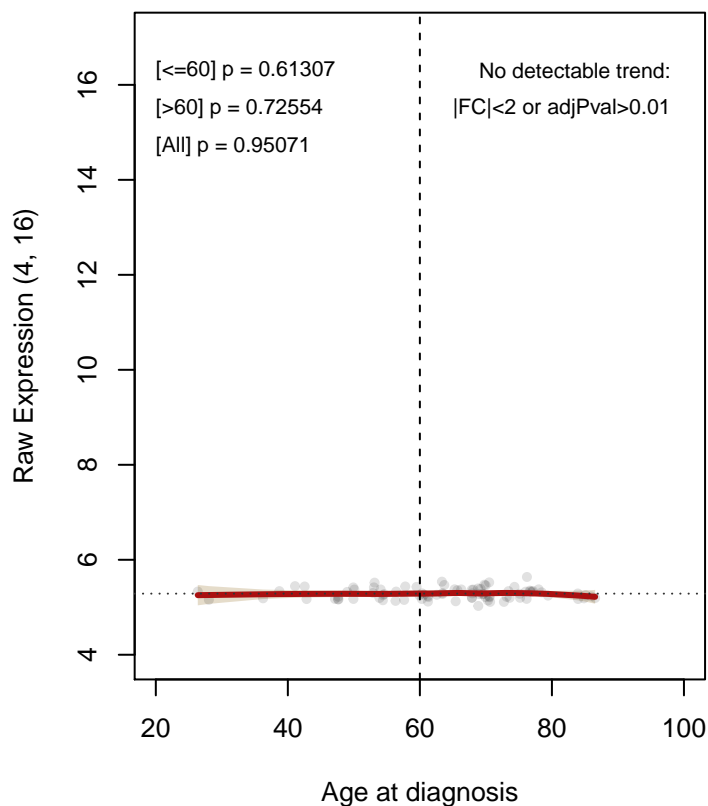
**iClust 7: N = 193**
**PHC2/HPH2|ILMN_1670147 (non−ER binding)**

[<=60] p = 0.47515
[>60] p = 0.2083
[All] p = 0.6753

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
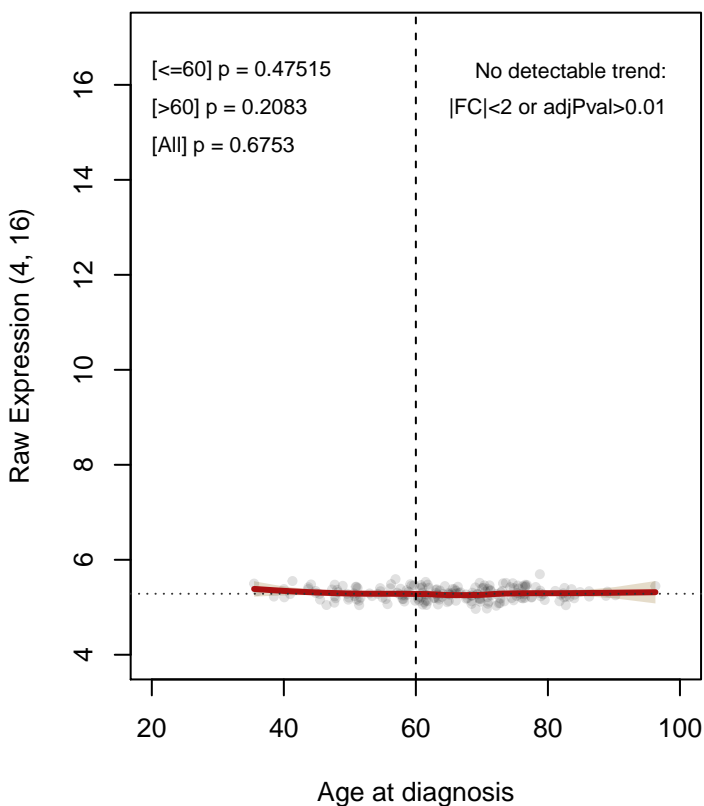
**iClust 8: N = 300**
**PHC2/HPH2|ILMN_1670147 (non−ER binding)**

[<=60] p = 0.042997
[>60] p = 0.76778
[All] p = 0.20174

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
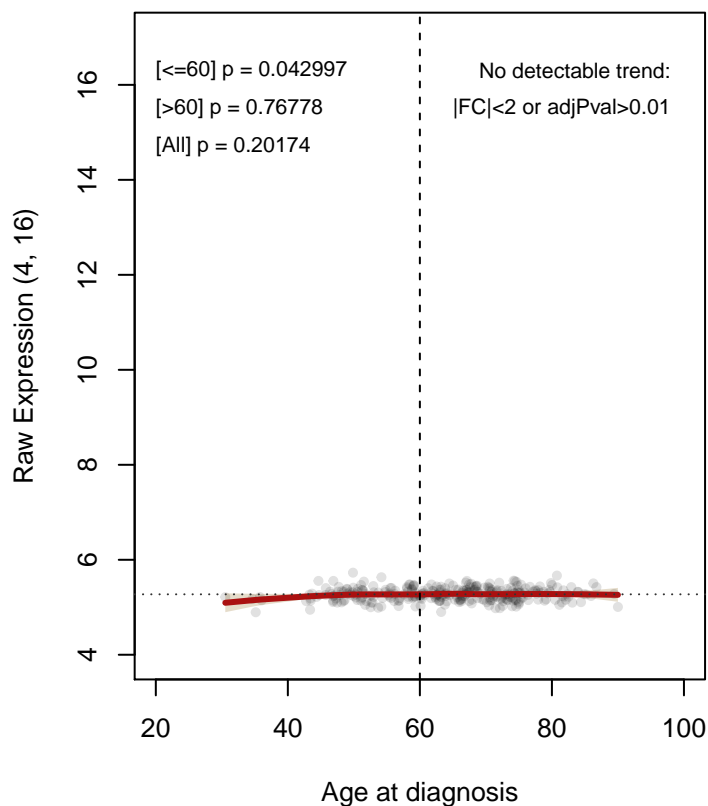
**iClust 9: N = 146**
**PHC2/HPH2|ILMN_1670147 (non−ER binding)**

[<=60] p = 0.65959
[>60] p = 0.80116
[All] p = 0.82623

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
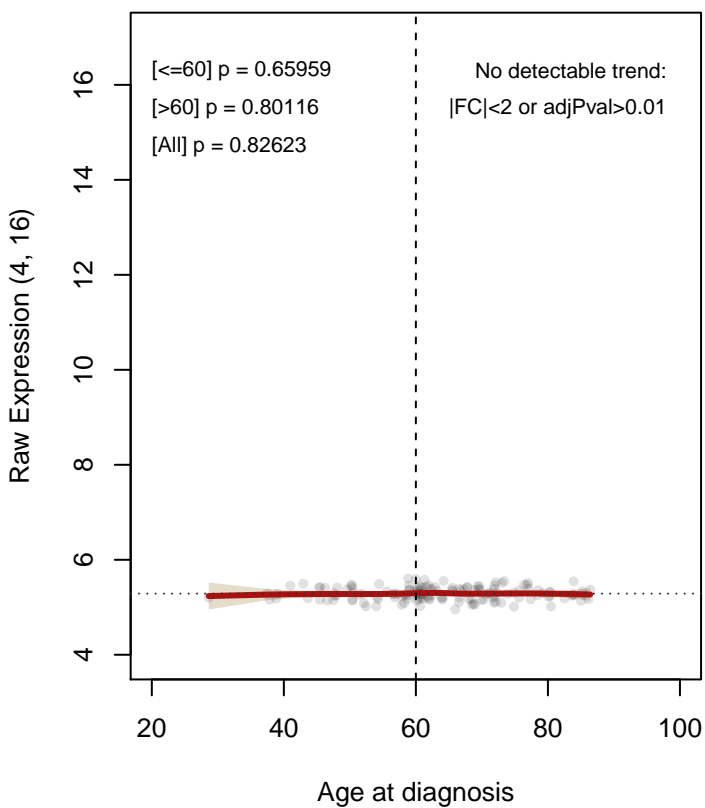
**iClust 10: N = 226**
**PHC2/HPH2|ILMN_1670147 (non−ER binding)**

[<=60] p = 0.69356
[>60] p = 0.60165
[All] p = 0.57558

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis