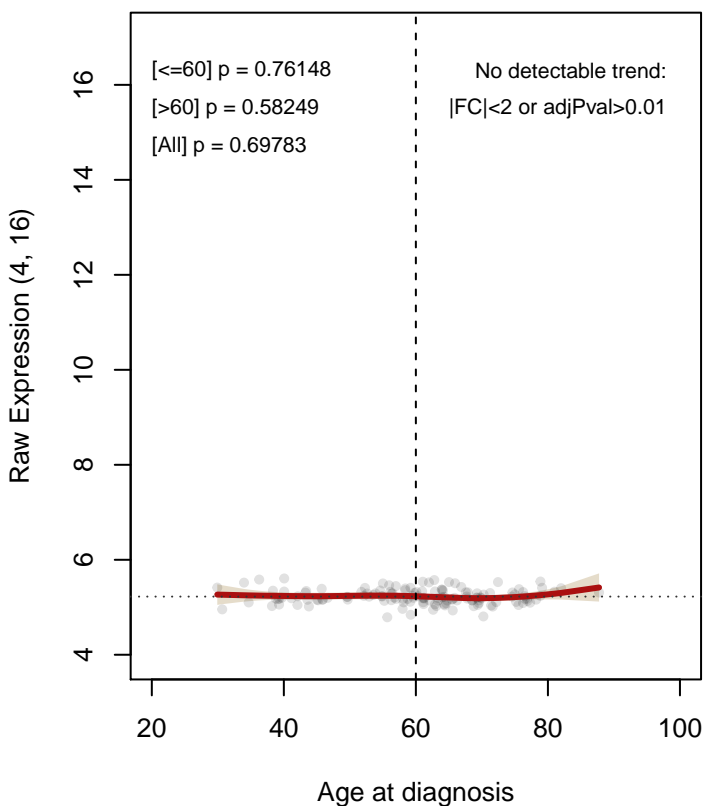**iClust 1: N = 140**
ATR|ILMN_1660342 (non−ER binding)

[<=60] p = 0.76148
[>60] p = 0.58249
[All] p = 0.69783

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

Raw Expression (4, 16)

Age at diagnosis

iClust 2: N = 72
ATR|ILMN_1660342 (non−ER binding)

[<=60] p = 0.60576
[>60] p = 0.17425
[All] p = 0.86547

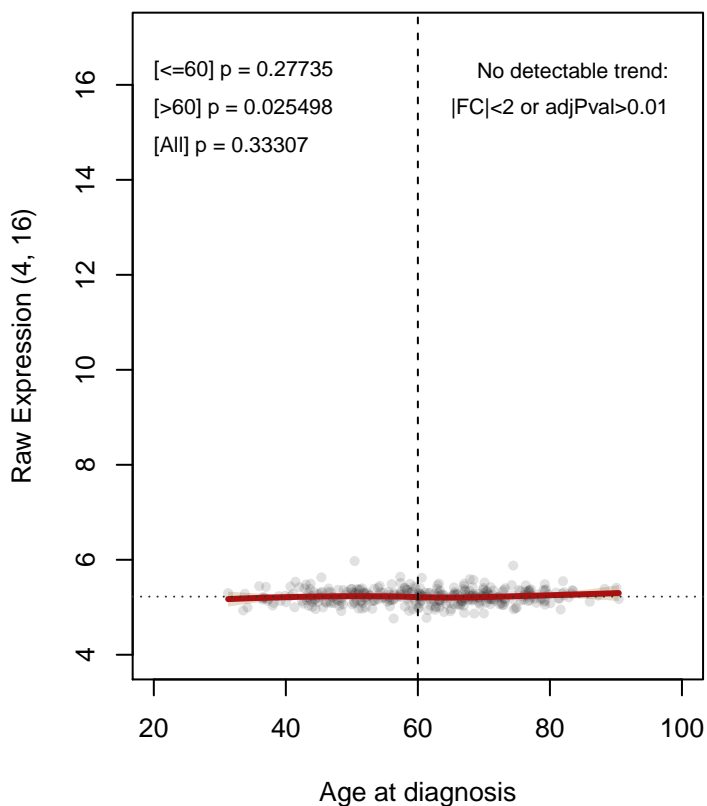No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
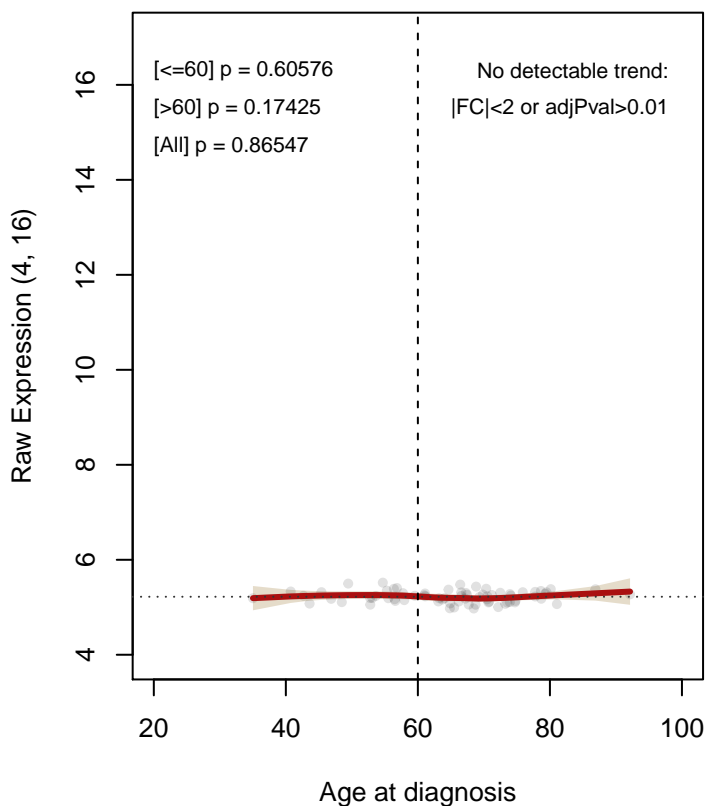
iClust 3: N = 294
ATR|ILMN_1660342 (non−ER binding)

[<=60] p = 0.41244
[>60] p = 0.43978
[All] p = 0.79377

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

Raw Expression (4, 16)

Age at diagnosis
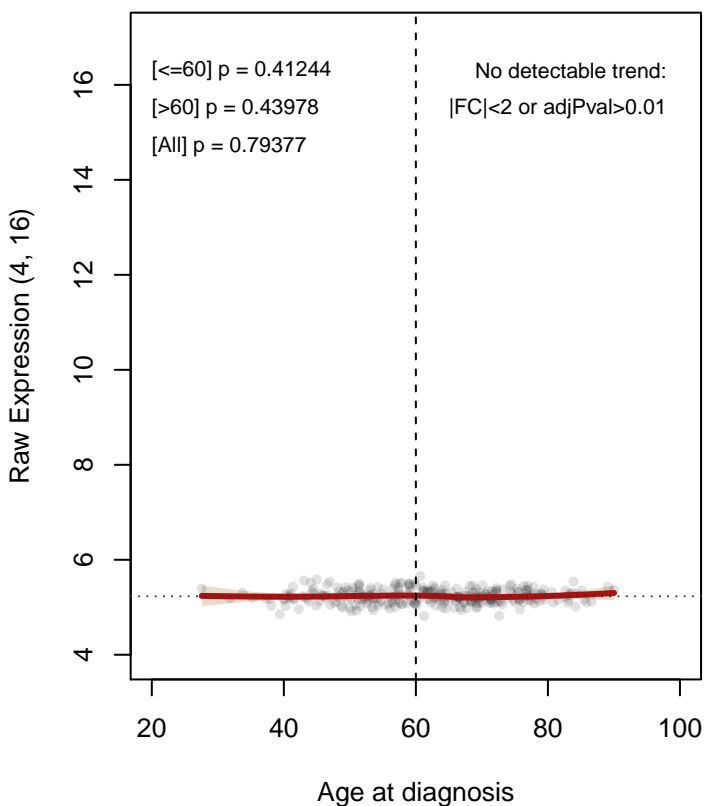
iClust 4: N = 344
ATR|ILMN_1660342 (non−ER binding)

[<=60] p = 0.27735
[>60] p = 0.025498
[All] p = 0.33307

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

Raw Expression (4, 16)

Age at diagnosis

iClust 5: N = 191
ATR|ILMN_1660342 (non−ER binding)

[<=60] p = 0.034083
[>60] p = 0.96325
[All] p = 0.56868

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

Raw Expression (4, 16)

Age at diagnosis
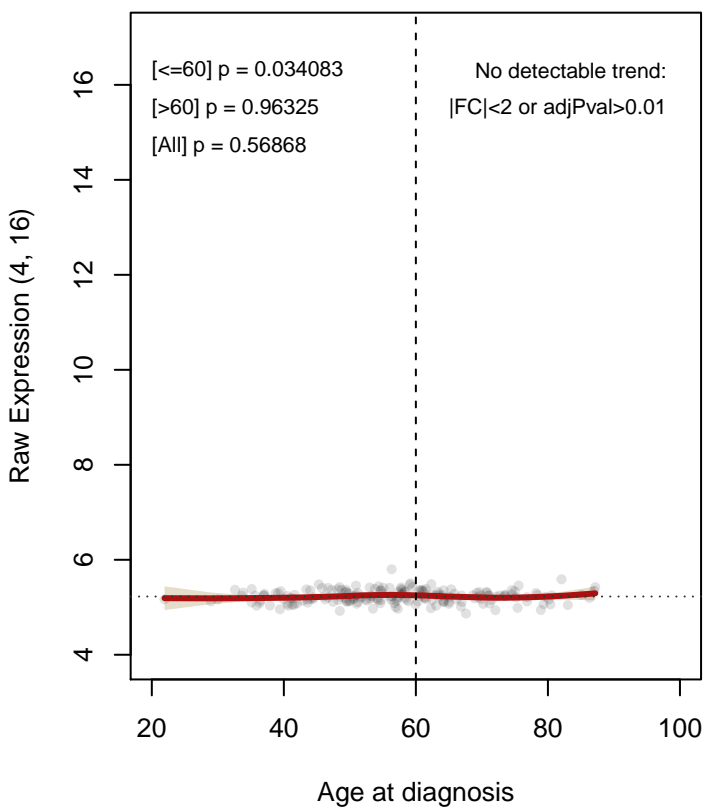
iClust 6: N = 86
ATR|ILMN_1660342 (non−ER binding)

[<=60] p = 0.18975
[>60] p = 0.92669
[All] p = 0.47081

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

Raw Expression (4, 16)

Age at diagnosis
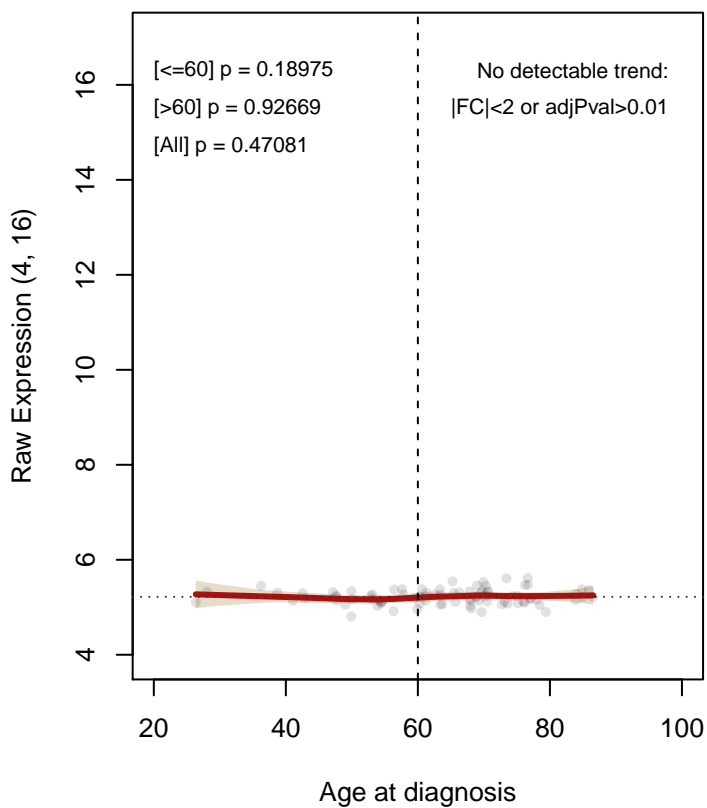
iClust 7: N = 193
ATR|ILMN_1660342 (non−ER binding)

[<=60] p = 0.94264
[>60] p = 0.68433
[All] p = 0.4237

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

Raw Expression (4, 16)

Age at diagnosis
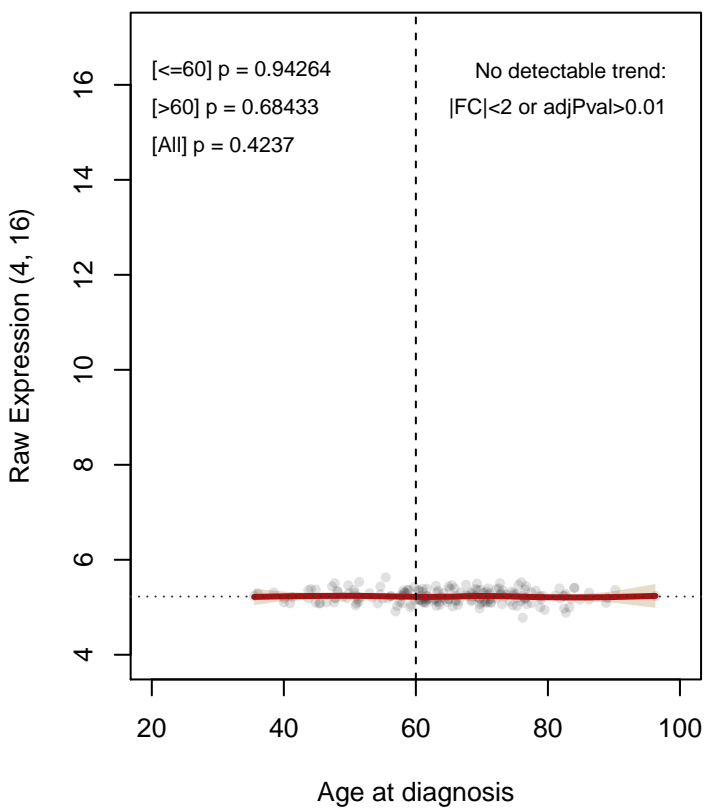
iClust 8: N = 300
ATR|ILMN_1660342 (non−ER binding)

[<=60] p = 0.52621
[>60] p = 0.69912
[All] p = 0.12213

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

Raw Expression (4, 16)

Age at diagnosis
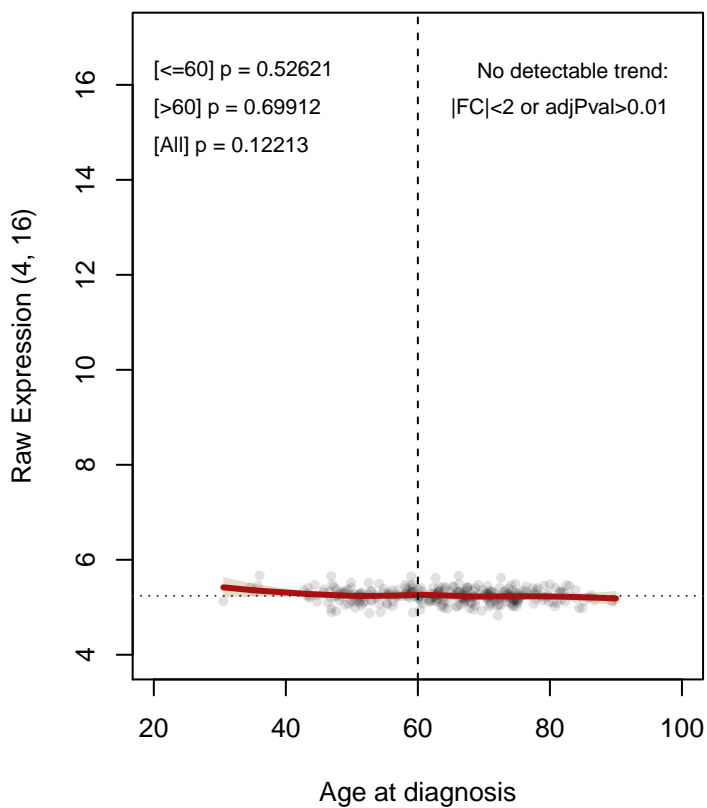
iClust 9: N = 146
ATR|ILMN_1660342 (non−ER binding)

[<=60] p = 0.15678
[>60] p = 0.18681
[All] p = 0.0099263

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

Raw Expression (4, 16)

Age at diagnosis
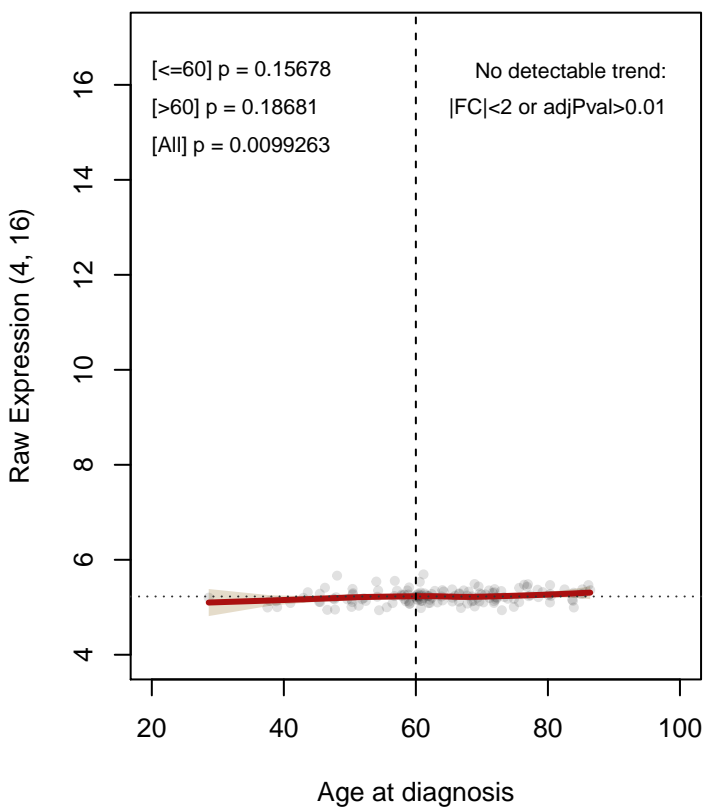
iClust 10: N = 226
ATR|ILMN_1660342 (non−ER binding)

[<=60] p = 0.11907
[>60] p = 0.40556
[All] p = 0.59045

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

Raw Expression (4, 16)

Age at diagnosis