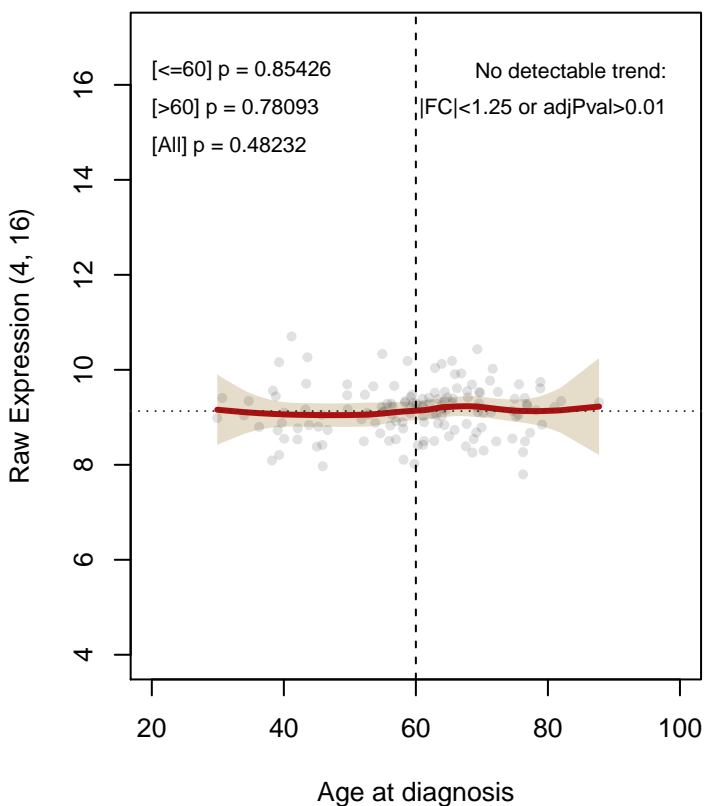**iClust 1: N = 140**
ERK1|ILMN_2402341 (non−ER binding)

[<=60] p = 0.85426
[>60] p = 0.78093
[All] p = 0.48232

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis

iClust 2: N = 72
ERK1|ILMN_2402341 (non−ER binding)

[<=60] p = 0.29519
[>60] p = 0.02325
[All] p = 0.0060896
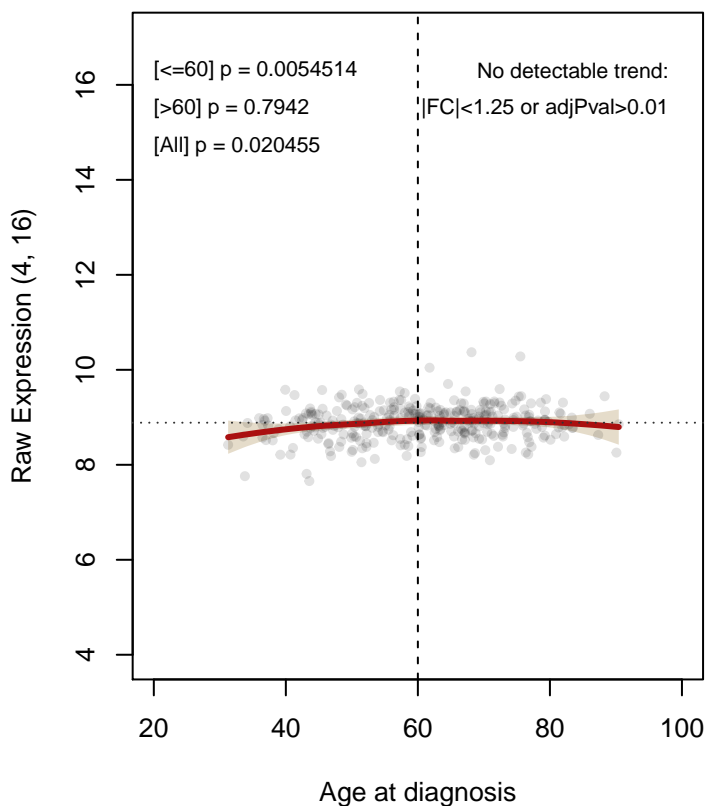
No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
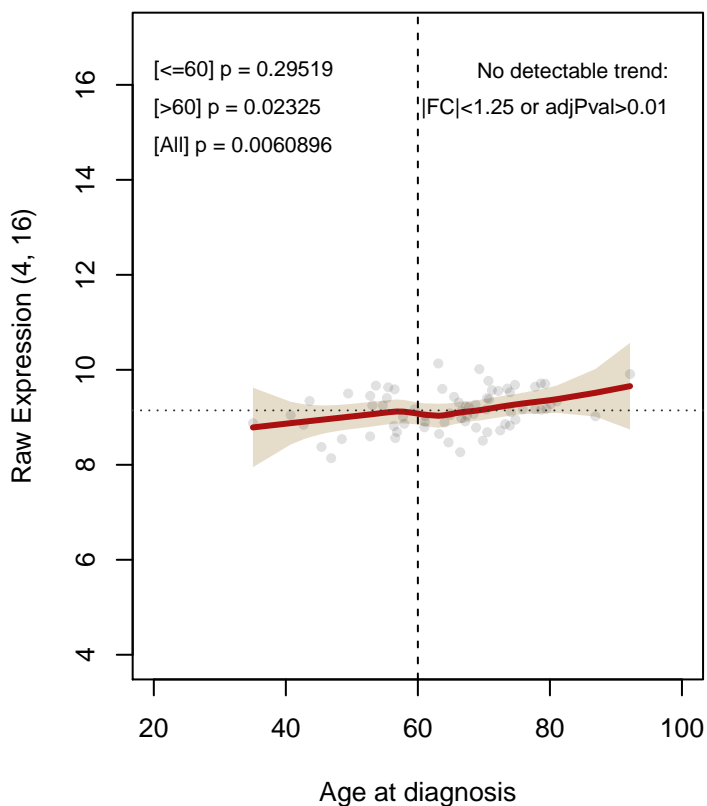
iClust 3: N = 294
ERK1|ILMN_2402341 (non−ER binding)

[<=60] p = 0.0021249
[>60] p = 0.19633
[All] p = 0.21166

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
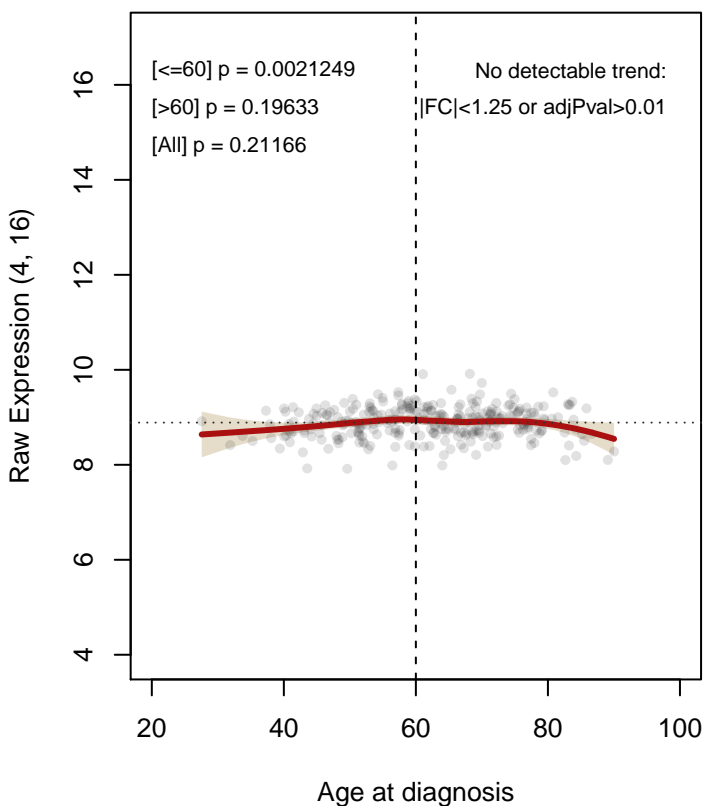
iClust 4: N = 344
ERK1|ILMN_2402341 (non−ER binding)

[<=60] p = 0.0054514
[>60] p = 0.7942
[All] p = 0.020455

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis

iClust 5: N = 191
ERK1|ILMN_2402341 (non−ER binding)

[<=60] p = 0.21515
[>60] p = 0.00045455
[All] p = 0.31873

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
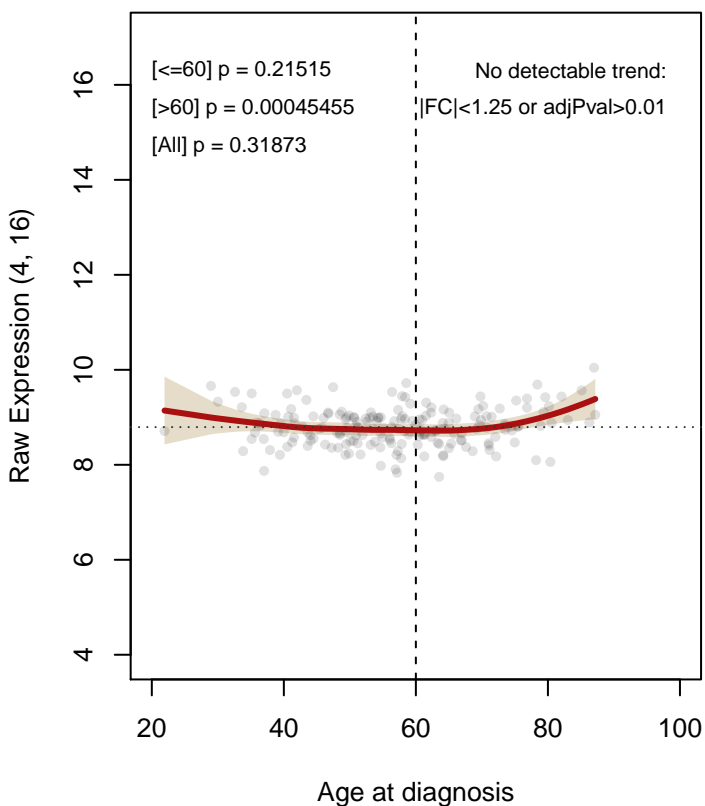
iClust 6: N = 86
ERK1|ILMN_2402341 (non−ER binding)

[<=60] p = 0.99199
[>60] p = 0.39387
[All] p = 0.12969

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
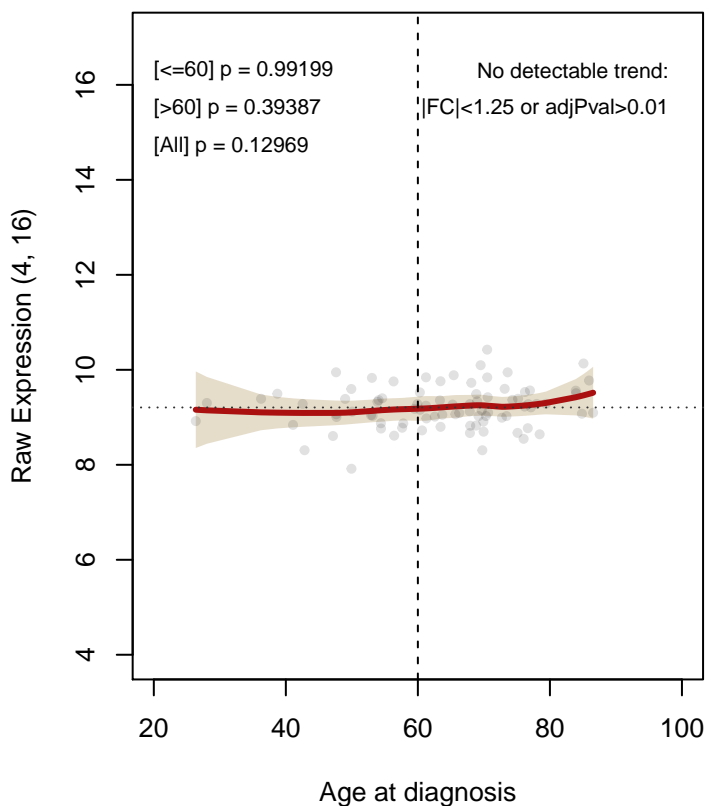
iClust 7: N = 193
ERK1|ILMN_2402341 (non−ER binding)

[<=60] p = 0.28263
[>60] p = 0.61632
[All] p = 0.33098

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
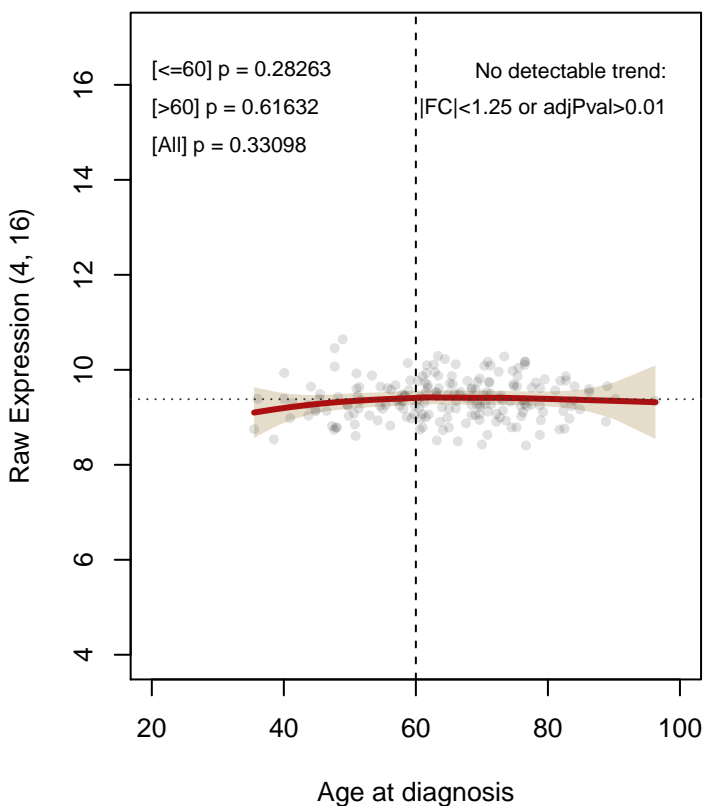
iClust 8: N = 300
ERK1|ILMN_2402341 (non−ER binding)

[<=60] p = 0.9756
[>60] p = 0.40279
[All] p = 0.11625

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
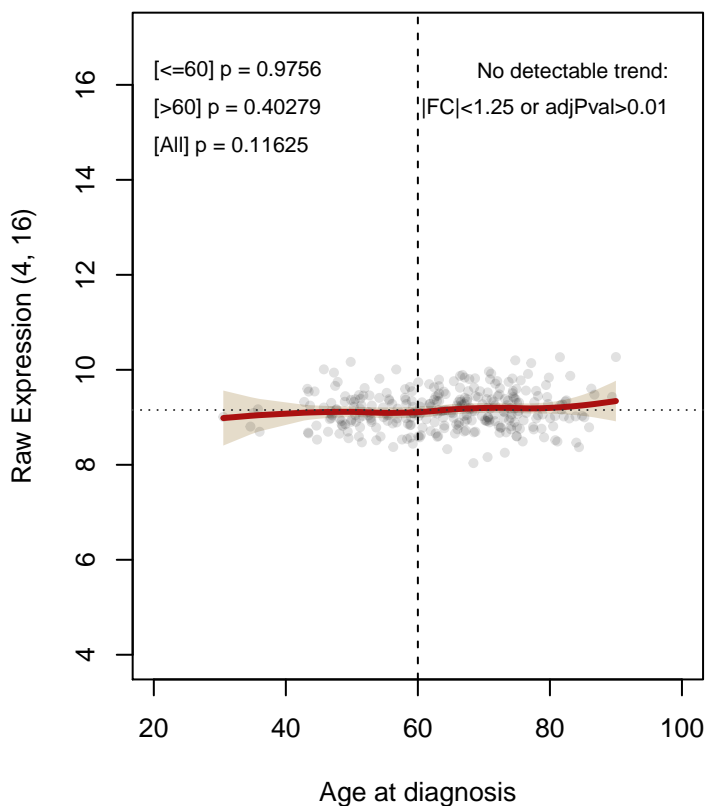
iClust 9: N = 146
ERK1|ILMN_2402341 (non−ER binding)

[<=60] p = 0.41551
[>60] p = 0.43468
[All] p = 0.52529

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
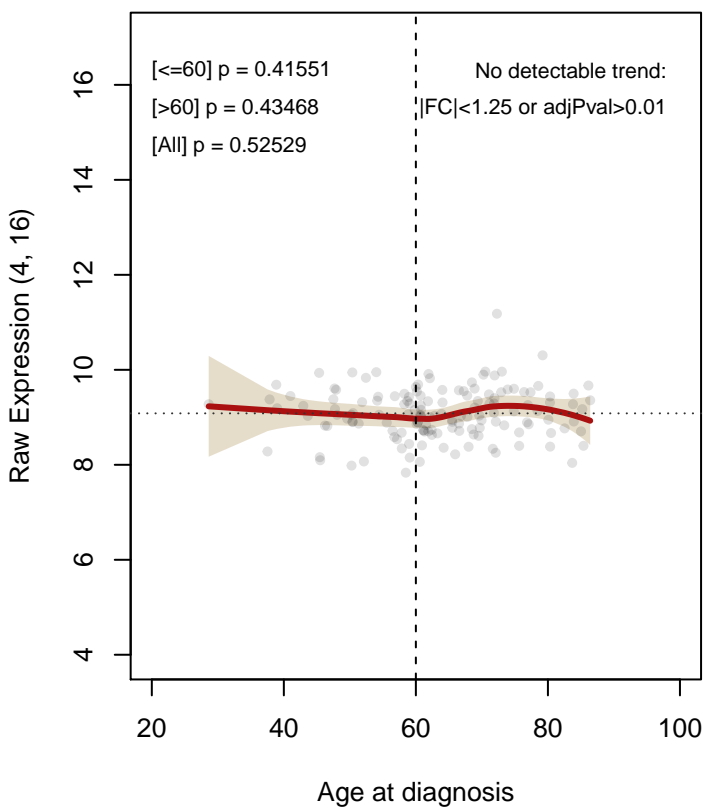
iClust 10: N = 226
ERK1|ILMN_2402341 (non−ER binding)

[<=60] p = 0.34678
[>60] p = 0.5054
[All] p = 0.16472

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis