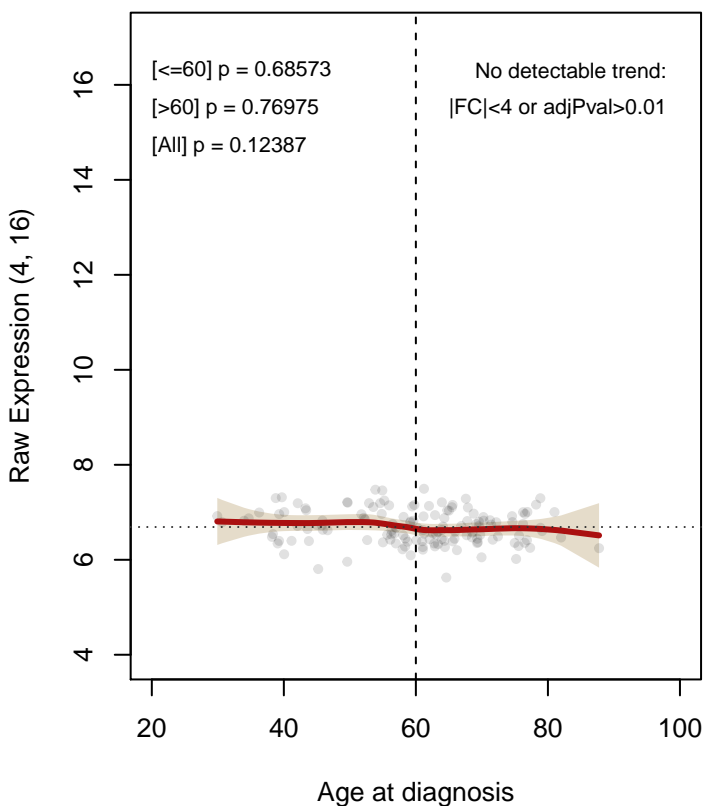**iClust 1: N = 140**
ERK2|ILMN_1767320 (non−ER binding)

[<=60] p = 0.68573
[>60] p = 0.76975
[All] p = 0.12387

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

Raw Expression (4, 16)

Age at diagnosis

iClust 2: N = 72
ERK2|ILMN_1767320 (non−ER binding)

[<=60] p = 0.57352
[>60] p = 0.70102
[All] p = 0.26852
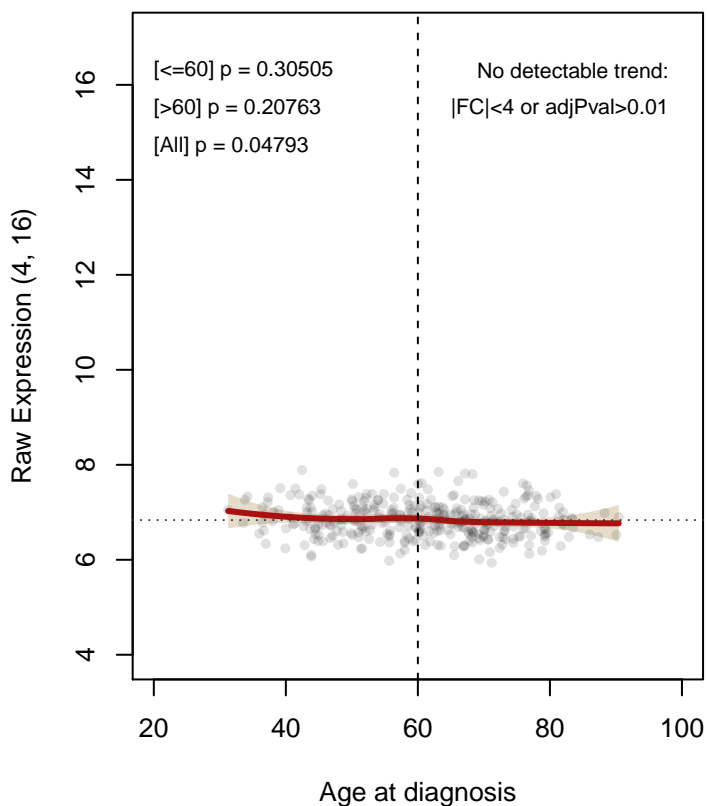
No detectable trend:
|FC|<4 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
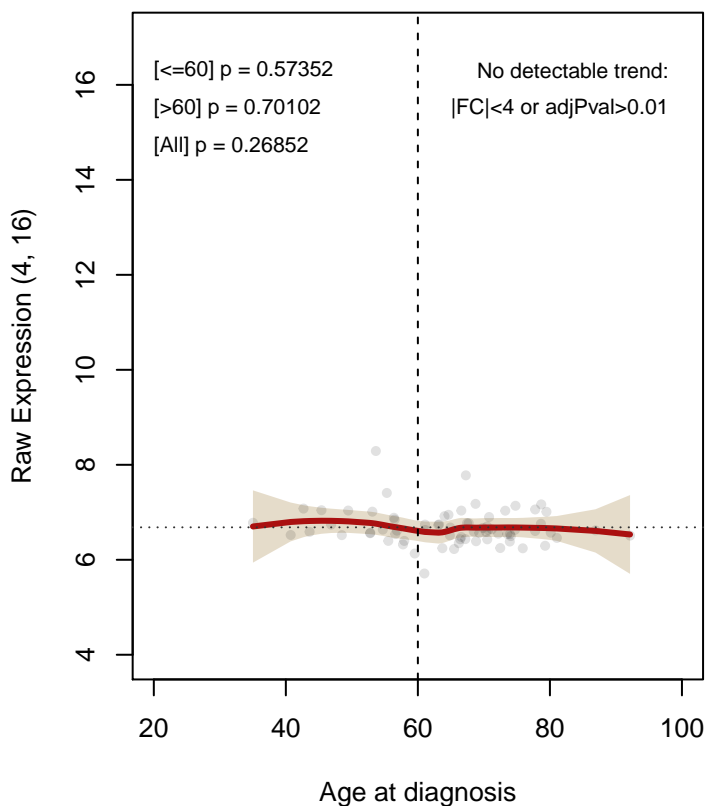
iClust 3: N = 294
ERK2|ILMN_1767320 (non−ER binding)

[<=60] p = 0.52402
[>60] p = 0.31456
[All] p = 0.65377

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

Raw Expression (4, 16)

Age at diagnosis
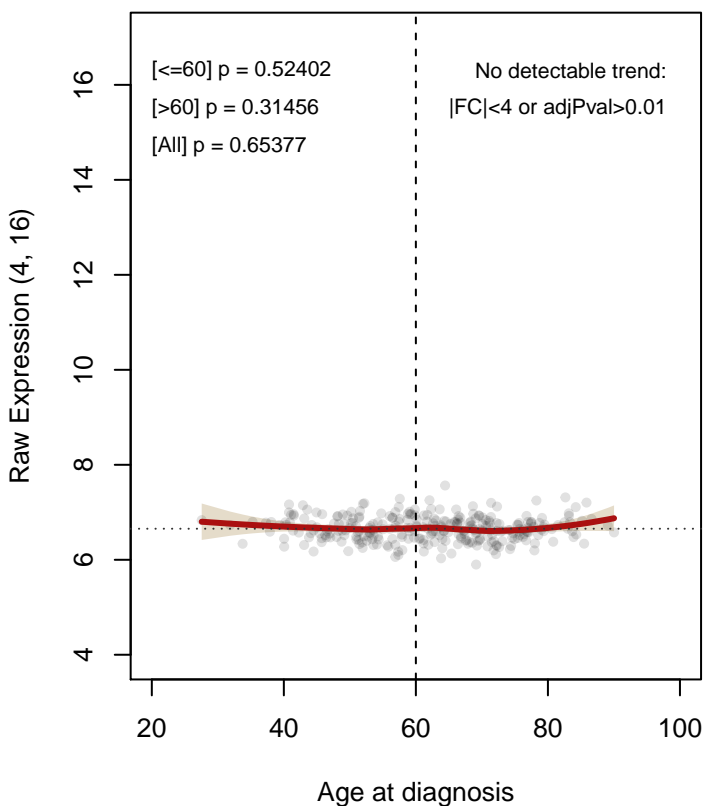
iClust 4: N = 344
ERK2|ILMN_1767320 (non−ER binding)

[<=60] p = 0.30505
[>60] p = 0.20763
[All] p = 0.04793

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

Raw Expression (4, 16)

Age at diagnosis

iClust 5: N = 191
ERK2|ILMN_1767320 (non−ER binding)

[<=60] p = 0.25652
[>60] p = 0.24365
[All] p = 0.36464

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

Raw Expression (4, 16)

Age at diagnosis
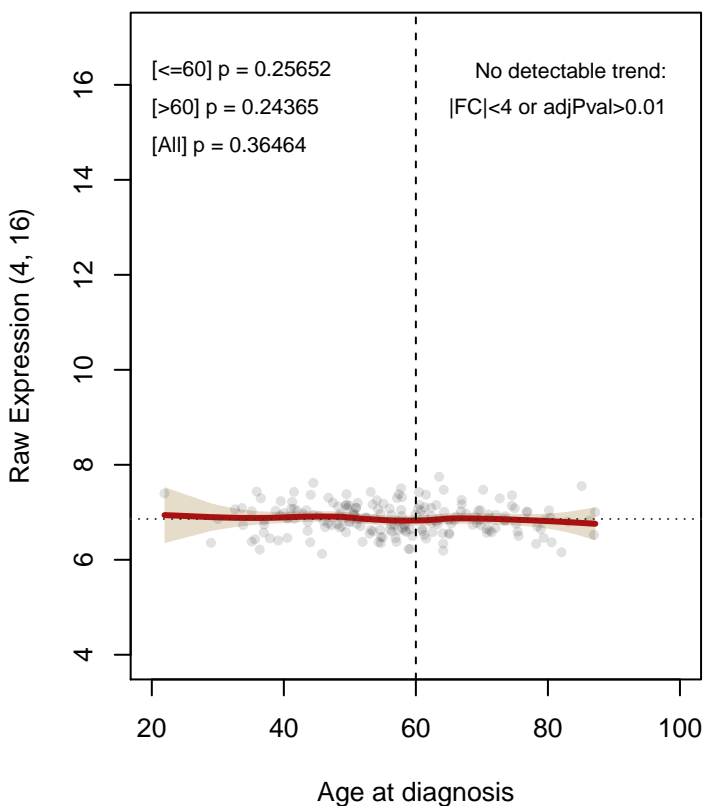
iClust 6: N = 86
ERK2|ILMN_1767320 (non−ER binding)

[<=60] p = 0.8197
[>60] p = 0.9962
[All] p = 0.037679

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

Raw Expression (4, 16)

Age at diagnosis
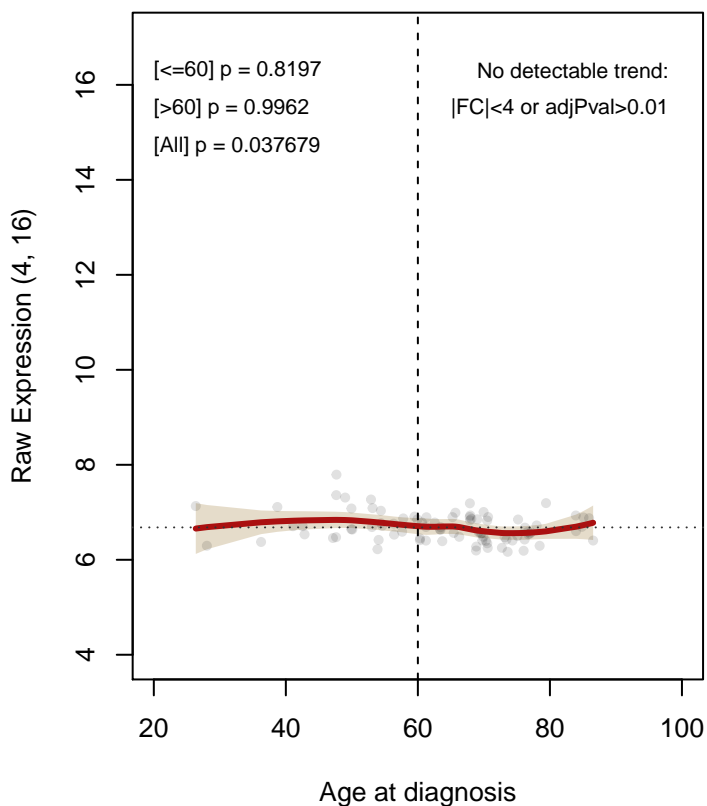
iClust 7: N = 193
ERK2|ILMN_1767320 (non−ER binding)

[<=60] p = 0.81144
[>60] p = 0.63754
[All] p = 0.76728

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

Raw Expression (4, 16)

Age at diagnosis
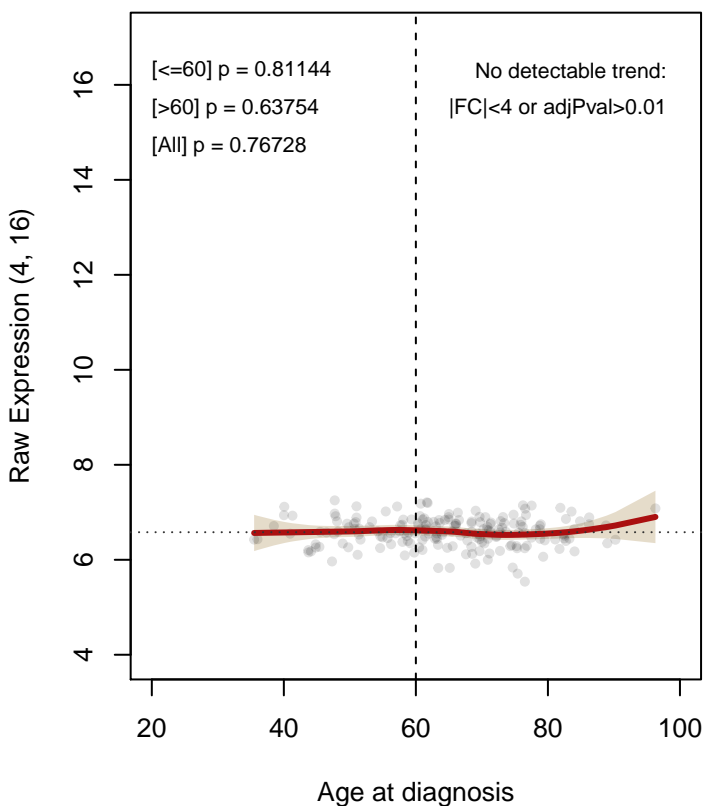
iClust 8: N = 300
ERK2|ILMN_1767320 (non−ER binding)

[<=60] p = 0.63821
[>60] p = 0.50712
[All] p = 0.40568

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

Raw Expression (4, 16)

Age at diagnosis
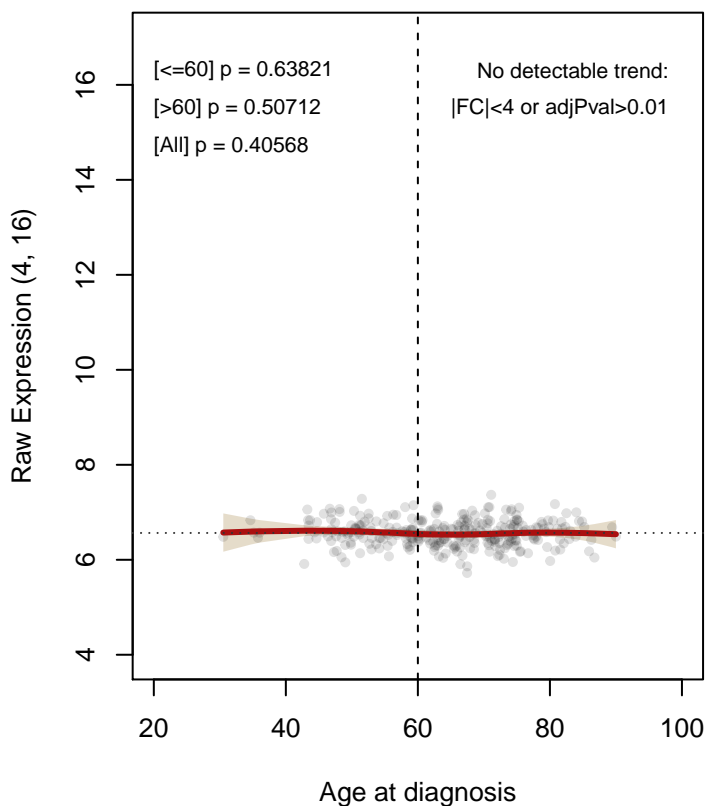
iClust 9: N = 146
ERK2|ILMN_1767320 (non−ER binding)

[<=60] p = 0.56576
[>60] p = 0.63138
[All] p = 0.20805

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

Raw Expression (4, 16)

Age at diagnosis
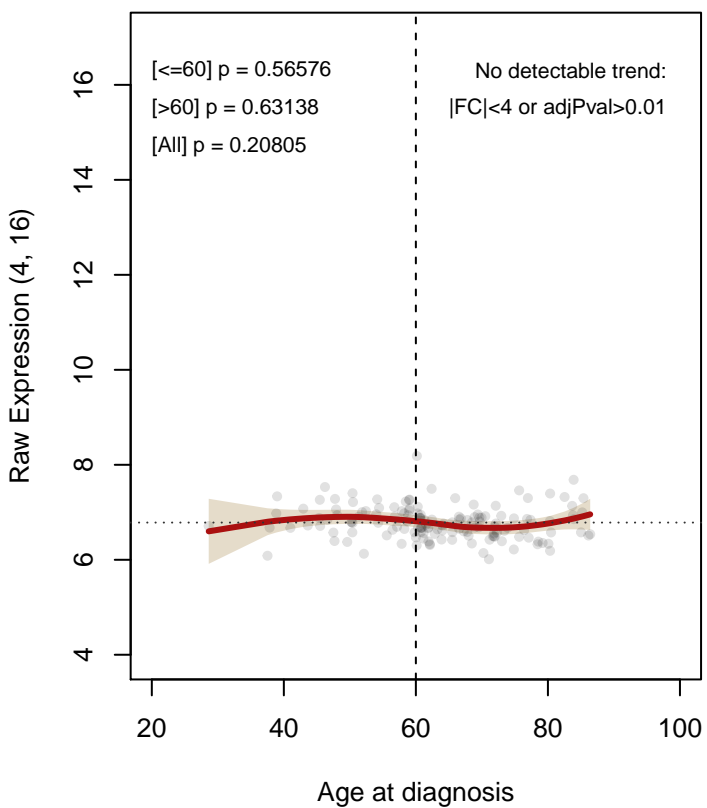
iClust 10: N = 226
ERK2|ILMN_1767320 (non−ER binding)

[<=60] p = 0.7745
[>60] p = 0.94233
[All] p = 0.72239

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

Raw Expression (4, 16)

Age at diagnosis