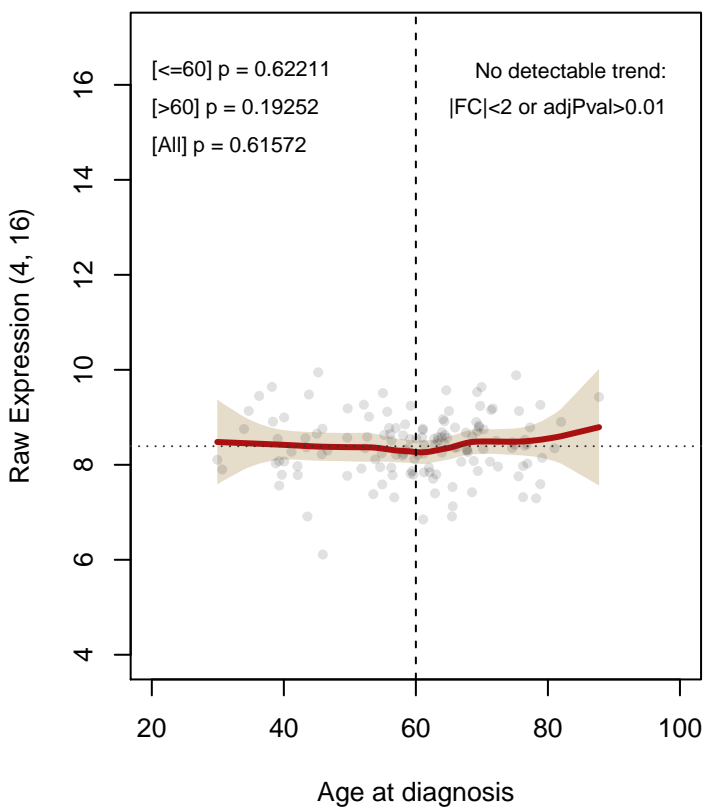**iClust 1: N = 140**
RUNX1|ILMN_1801504 (ER binding)

[<=60] p = 0.62211
[>60] p = 0.19252
[All] p = 0.61572

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

Raw Expression (4, 16)

Age at diagnosis

iClust 2: N = 72
RUNX1|ILMN_1801504 (ER binding)

[<=60] p = 0.4917
[>60] p = 0.90449
[All] p = 0.96618

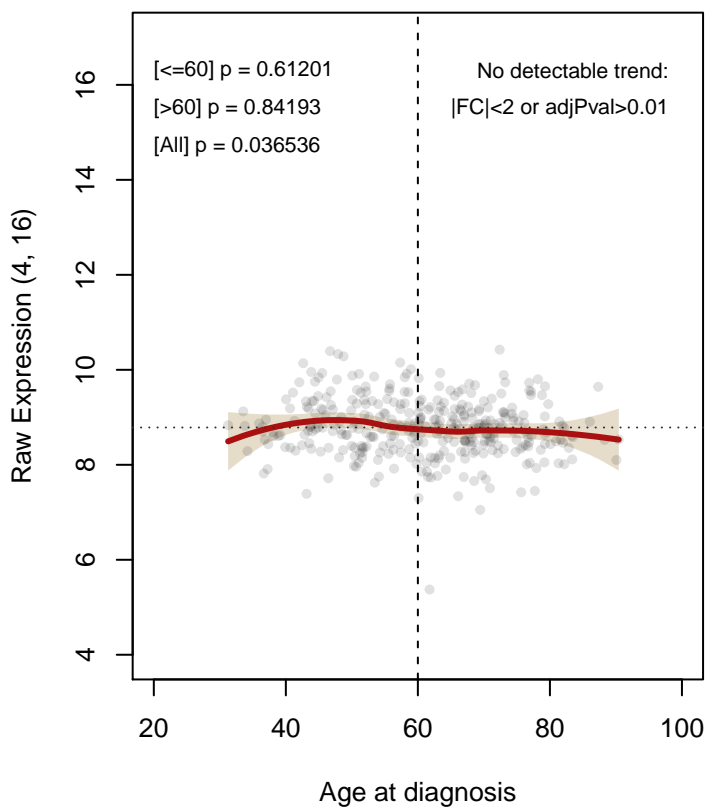No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
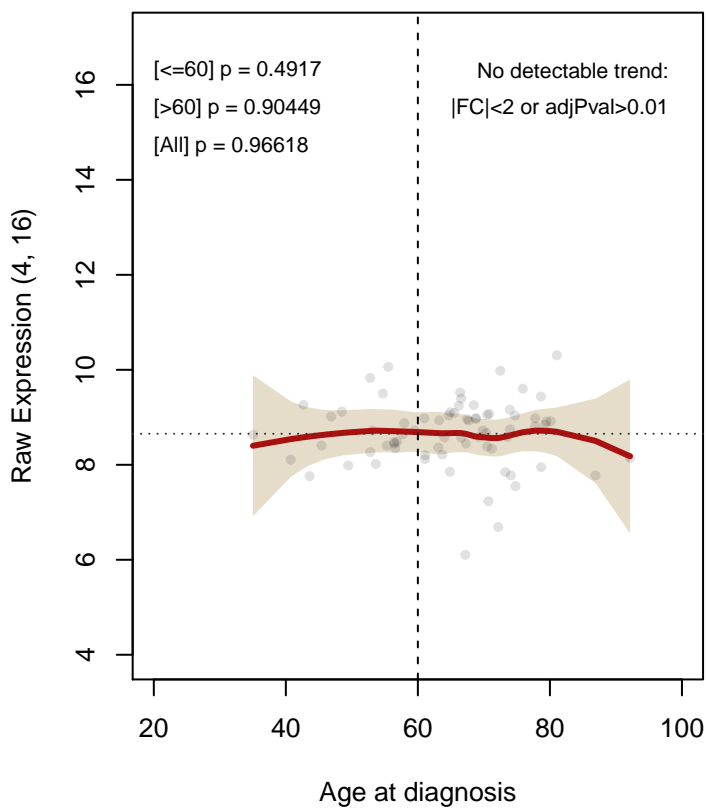
iClust 3: N = 294
RUNX1|ILMN_1801504 (ER binding)

[<=60] p = 0.23494
[>60] p = 0.0081571
[All] p = 0.00014568

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

Raw Expression (4, 16)

Age at diagnosis
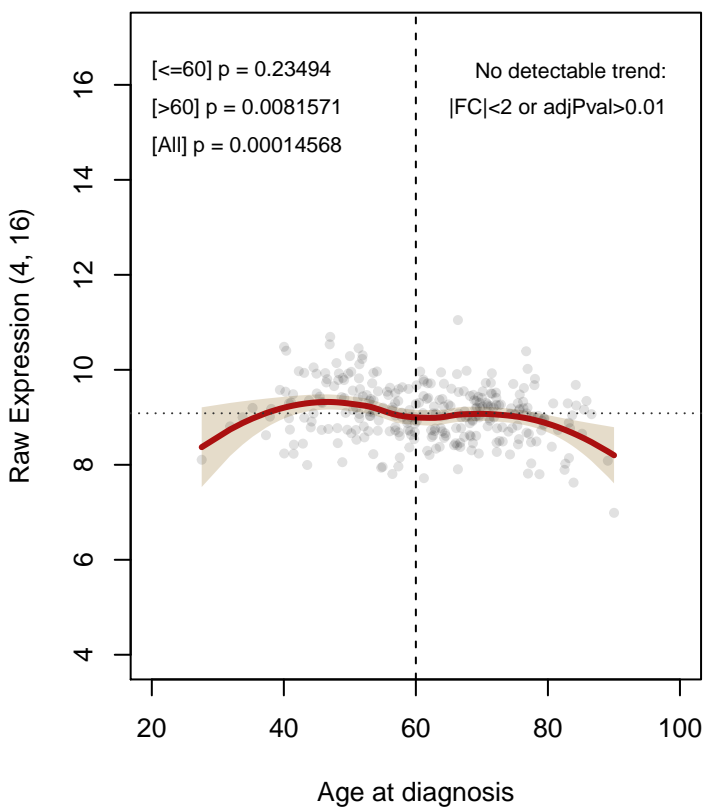
iClust 4: N = 344
RUNX1|ILMN_1801504 (ER binding)

[<=60] p = 0.61201
[>60] p = 0.84193
[All] p = 0.036536

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

Raw Expression (4, 16)

Age at diagnosis

iClust 5: N = 191
RUNX1|ILMN_1801504 (ER binding)

[<=60] p = 0.72805

[>60] p = 0.53198

[All] p = 0.84257

No detectable trend:

|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
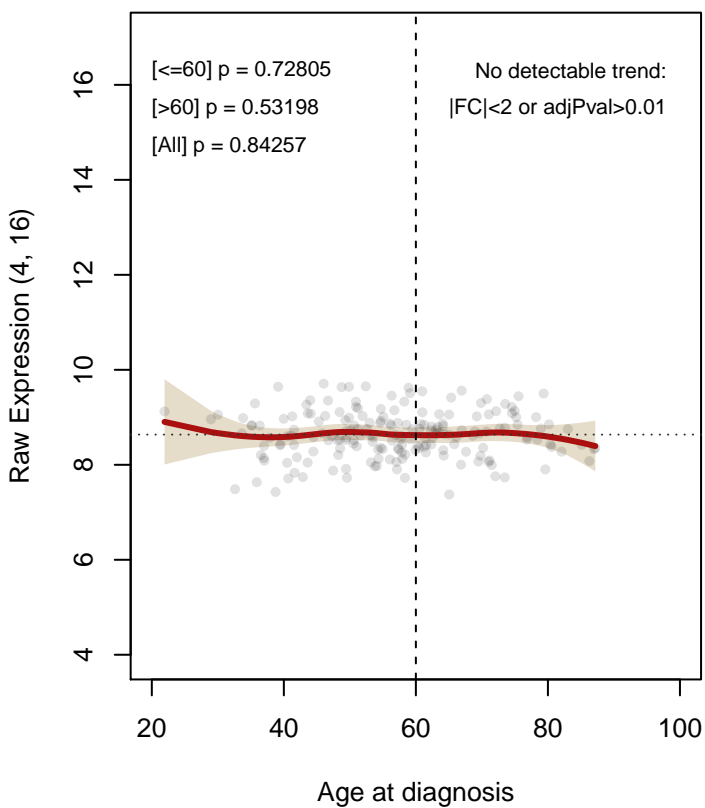
iClust 6: N = 86
RUNX1|ILMN_1801504 (ER binding)

[<=60] p = 0.11842

[>60] p = 0.094276

[All] p = 0.00012607

No detectable trend:

|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
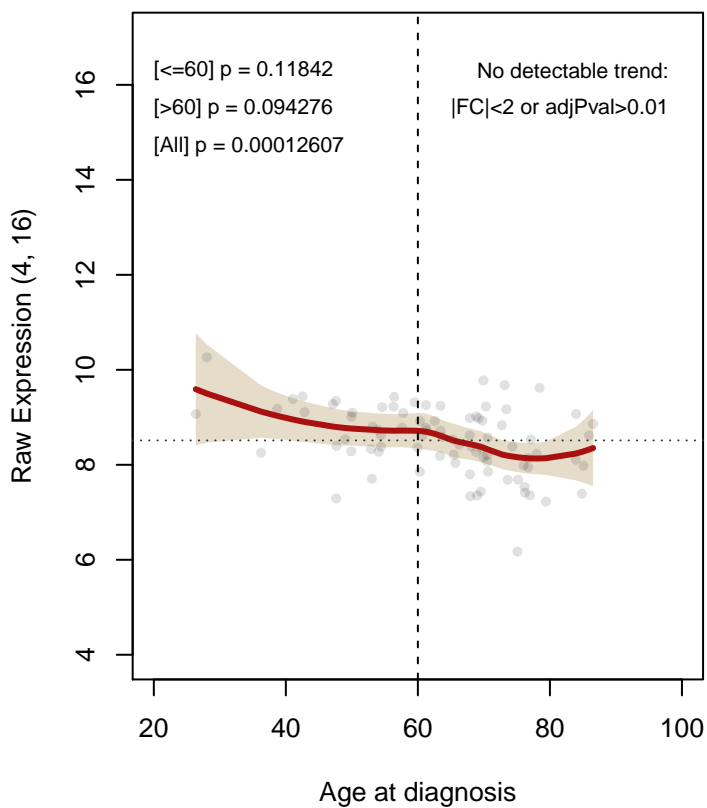
iClust 7: N = 193
RUNX1|ILMN_1801504 (ER binding)

[<=60] p = 0.081011

[>60] p = 0.27741

[All] p = 0.0021627

No detectable trend:

|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
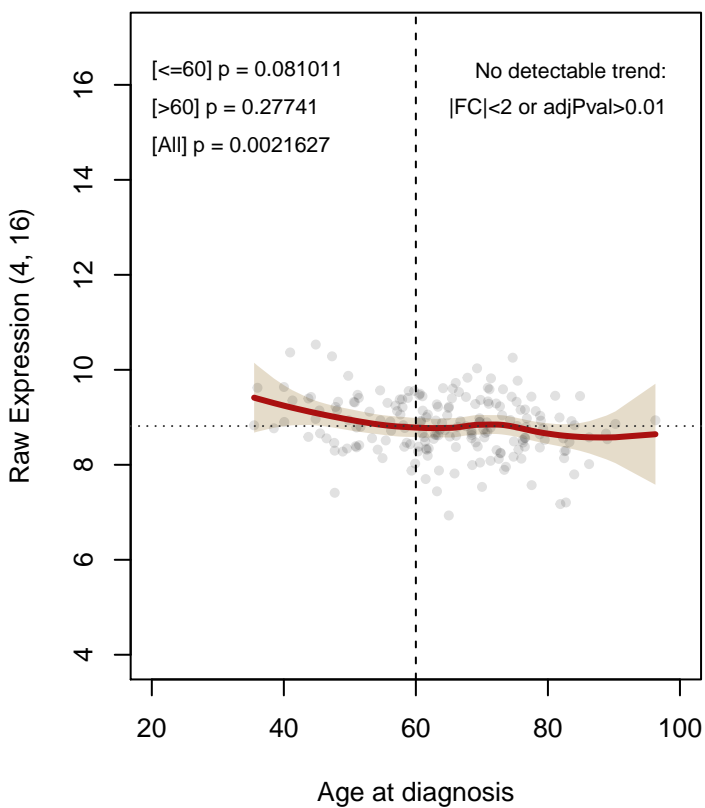
iClust 8: N = 300
RUNX1|ILMN_1801504 (ER binding)

[<=60] p = 0.18213

[>60] p = 0.0024032

[All] p = 3.4945e−06

Age−dependent trend:

|FC|>2 and adjPval<0.01

Raw Expression (4, 16)

Age at diagnosis
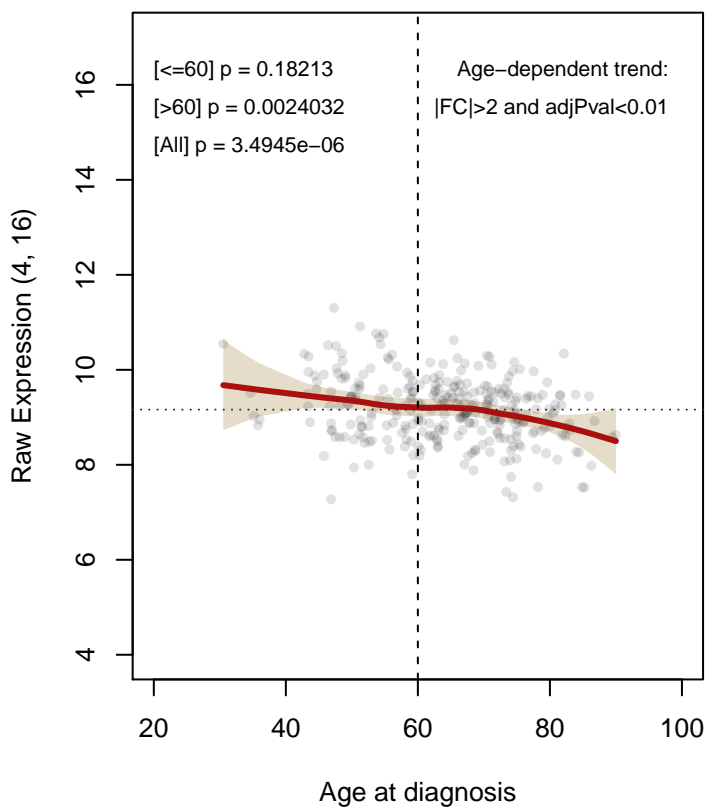
iClust 9: N = 146
RUNX1|ILMN_1801504 (ER binding)

[<=60] p = 0.88458
[>60] p = 0.76148
[All] p = 0.91475

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

Raw Expression (4, 16)

Age at diagnosis
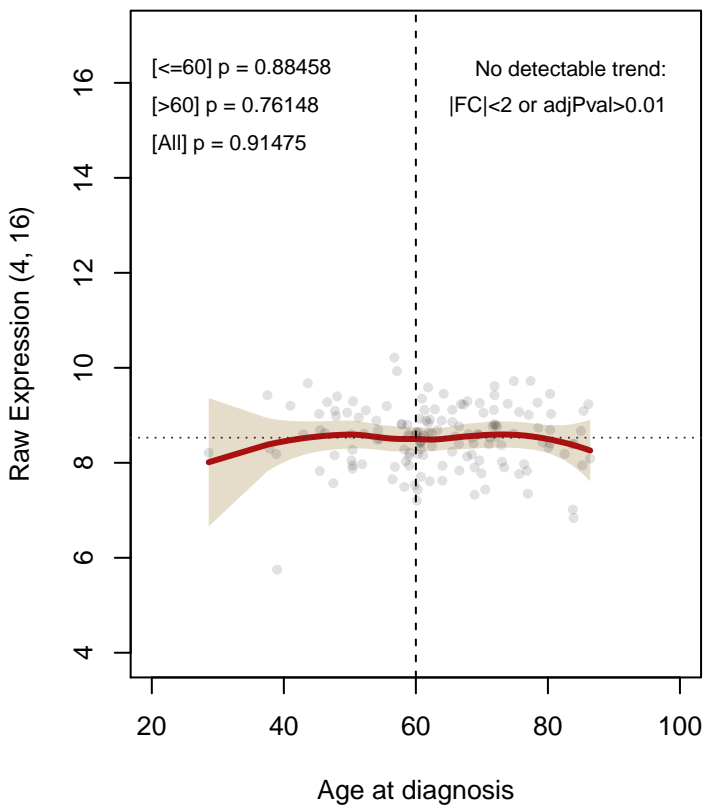
iClust 10: N = 226
RUNX1|ILMN_1801504 (ER binding)

[<=60] p = 0.56411
[>60] p = 0.42546
[All] p = 0.072029

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

Raw Expression (4, 16)

Age at diagnosis