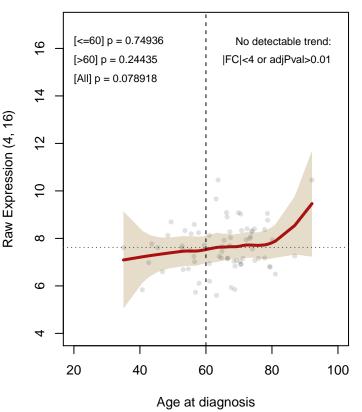
iClust 1: N = 140 ARNT2|ILMN\_1718046 (non-ER binding)

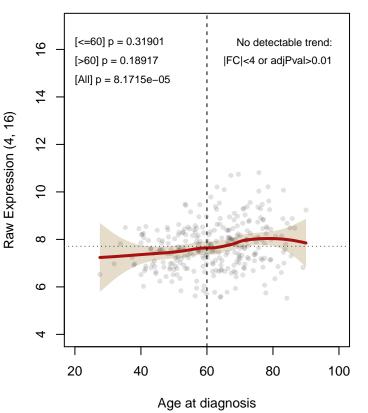
[<=60] p = 0.82468No detectable trend: 16 [>60] p = 0.31143|FC|<4 or adjPval>0.01 [AII] p = 0.0437264 12 10 ω 9 20 40 60 80 100 Age at diagnosis

Raw Expression (4, 16)

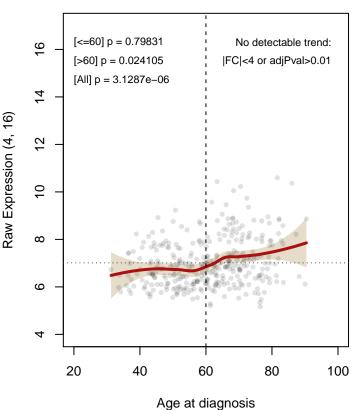
iClust 2: N = 72 ARNT2|ILMN\_1718046 (non-ER binding)



iClust 3: N = 294 ARNT2|ILMN\_1718046 (non-ER binding)



iClust 4: N = 344 ARNT2|ILMN\_1718046 (non-ER binding)



iClust 5: N = 191 iClust 6: N = 86 ARNT2|ILMN\_1718046 (non-ER binding) ARNT2|ILMN\_1718046 (non-ER binding) [<=60] p = 0.18289No detectable trend: [<=60] p = 0.17096No detectable trend: 16 16 [>60] p = 0.79915[>60] p = 0.38054|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.048958[AII] p = 0.279664 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis iClust 7: N = 193 iClust 8: N = 300 ARNT2|ILMN\_1718046 (non-ER binding) ARNT2|ILMN\_1718046 (non-ER binding) [<=60] p = 0.30586No detectable trend: [<=60] p = 0.15043No detectable trend: 16 16 [>60] p = 0.79969|FC|<4 or adjPval>0.01 [>60] p = 0.034911 |FC|<4 or adjPval>0.01 [AII] p = 0.0298[AII] p = 7.0116e - 104 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 100

Age at diagnosis

Age at diagnosis

iClust 9: N = 146 ARNT2|ILMN\_1718046 (non-ER binding)

iClust 10: N = 226 ARNT2|ILMN\_1718046 (non-ER binding)

