

**Table 1B.** Age-adjusted epigenetic clock components of GrimAge. Median values (IQR) of each component in early pregnancy blood samples are compared between individuals with PTB <34 wks and those with delivery ≥34 wks. Positive values are associated with accelerated biologic age.

<b>Epigenetic clock component &amp; brief description</b>	<b>PTB &lt;34 weeks N=63</b>	<b>Delivery ≥ 34 weeks N=100</b>	<b>p-value</b>
<b>DNAmADM</b> Estimated DNAm of adrenomedullin – a vasodilator that increases with HTN, heart failure	1.40 (-7.51, 10.6)	0.60 (-9.24, 7.03)	0.148
<b>DNAmB2M</b> Estimated DNAm of Beta-2 microglobulin, a biomarker associated with CVD, inflammation	12976 (-37903, 60496)	3074 (-46129, 46289)	0.377
<b>DNAmCystatinC</b> Estimated DNAm of Cystatin C, a biomarker of kidney function, CVD	968 (-8691, 13317)	-1128 (-11529, 9430)	0.170
<b>DNAmGDF15</b> Estimated DNAm of growth differentiation factor 15, in TGF-beta sub-family; implicated in aging, mitochondrial dysfunction	15.9 (-41, 53)	-7.2 (-51, 48)	0.315
<b>DNAmLeptin</b> Estimated DNAm of leptin, a hormone with roles in appetite regulation	90 (-640, 648)	-110 (-1018, 813)	0.535
<b>DNAmPAI1</b> Estimated DNAm of plasminogen activation inhibitor 1, a protein released in response to inflammation	<b>538</b> <b>(-950, 1432)</b>	<b>-110</b> <b>(-1486, 1069)</b>	<b>0.043</b>
<b>DNAmTIMP1</b> Estimated DNAm of tissue inhibitor of metalloproteinases; TIMP1 naturally inhibits MMPs, and TIMP1 gene transcription is inducible in response to cytokines	97 (-325, 512)	-28 (-339, 279)	0.223