

2025

Add Health Wave V Codebook



Wave V Epigenetic Clocks Codebook



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Epigenetic Clocks

Title	Wave V Epigenetic Clocks
File Name	w5epiclocks.sas7bdat
Case Quantity	4,626
Variable Count	19



AID - Respondent identifier

Type	Text
Constraints	Maximum Length: 8

Valid	Invalid
4,626	0



AGE_AT_W5 - Chronological age at wave 5

Type	Numeric (Double)
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			Frequency	% of total	% of valid
Missing	.	NA	5	0.11%	
		Total	5	0.11%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,621	5	33.10685	44.78356	38.47912	1.93157



BATCH - DNA Methylation processing batch

Type	Text
Constraints	Maximum Length: 2

Valid	Invalid
4,626	0



HORVATH1 - Horvath clock version 1

Type	Numeric (Double)
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Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	15.54925	62.31683	39.15154	4.34491



HORVATH2 - Horvath clock version 2

Type	Numeric (Double)
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Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	20.40435	60.53248	38.28722	3.45684

PHENOAGE - PhenoAge clock

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	2.42779	54.20879	30.10749	5.7103

GRIMAGE1 - GrimAge clock version 1

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	27.31254	62.32733	42.55156	4.582

GRIMAGE2 - GrimAge clock version 2

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	31.34397	68.49408	47.87809	5.1663

PCHORVATH1 - Principal Component Horvath clock version 1

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	30.82429	66.26278	45.0308	3.85783

PCHORVATH2 - Principal Component Horvath clock version 2

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	25.58239	62.87222	40.93542	4.2399

PCPHENOAGE - Principal Component PhenoAge clock

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	20.9391	66.51859	41.05636	5.44566

PCGRIMAGE - Principal Component GrimAge clock

Type			Numeric (Double)		
			Frequency	% of total	% of valid
Missing	.	NA	5	0.11%	
		Total	5	0.11%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,621	5	43.09419	71.94995	54.18482	3.80491

 CELL_CD4T - CD4 T Cells

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	0	0.50534	0.17445	0.06231

 CELL_CD8T - CD8 T Cells

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	0	0.37393	0.06889	0.04565

 CELL_BCELL - B Cells

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	0	0.25526	0.05374	0.02905

 CELL_NK - Natural Killer Cells

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	0	0.40261	0.02771	0.03333

 CELL_MONO - Monocytes

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	0	0.20889	0.05642	0.0243

 CELL_GRAN - Granulocytes

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	0.1255	0.97664	0.59051	0.10192

 DUNEDINPACE - DunedinPACE rate of aging

Type		Numeric (Double)			
Valid	Invalid	Minimum	Maximum	Mean	StdDev
4,626	0	0.41849	1.63966	1.02118	0.13176