

Dataset Coding Guide

Project - Raine Study (Pregnancy Cohort Study)

Dataset - Raine Year 23 Polysomnography Study

Variable	Variable Label	Description	Datatype
ID	Raine Subject Study ID		
Gender	Male or Female		
DOB	Date of Birth		
Y23_DNWN_PSG	Date of Sleep Study		
Y23_PSG1	Total recording time	This includes time when the lights are on and the participant is awake for example reading in bed	minutes
Y23_PSG2	Total Sleep Time	Time asleep	minutes
Y23_PSG3	Sleep Onset Latency	Length of time it takes to transition from wakefulness to sleep	minutes
Y23_PSG4	Sleep Efficacy	The ratio of total time spent asleep (total sleep time) compared to total amount of time spent in bed	%
Y23_PSG5	Wake After Sleep Onset	Amount of time spent awake during the night	minutes
Y23_PSG6	Number of awakenings		count
Y23_PSG7	Rapid Eye Movement Sleep in the supine posture	Total time spent in Rapid Eye Movement Sleep in the supine posture	minutes
Y23_PSG8	Rapid Eye Movement Sleep in the non-supine posture	Total time spent in Rapid Eye Movement Sleep in the non-supine posture	minutes
Y23_PSG9	Rapid Eye Movement Sleep	Total time spent in Rapid Eye Movement Sleep, all posture	minutes
Y23_PSG10	Rapid Eye Movement Sleep	Rapid Eye Movement Sleep expressed as a percentage of total sleep time	%
Y23_PSG11	Non Rapid Eye Movement Sleep in the supine posture	Total time spent in Non Rapid Eye Movement Sleep in the supine posture	minutes

Y23_PSG12	Non Rapid Eye Movement Sleep in the non-supine posture	Total time spent in Non Rapid Eye Movement Sleep in the non-supine posture	minutes
Y23_PSG13	Stage N1 Sleep	Total time spent in stage N1 Sleep	minutes
Y23_PSG14	Stage N1 Sleep	Total time spent in stage N1 Sleep expressed as a percentage of total sleep time	%
Y23_PSG15	Stage N2 Sleep	Total time spent in stage N2 Sleep	minutes
Y23_PSG16	Stage N2 Sleep	Total time spent in stage N2 Sleep expressed as a percentage of total sleep time	%
Y23_PSG17	Stage N3 Sleep	Total time spent in stage N3 Sleep	minutes
Y23_PSG18	Stage N3 Sleep	Total time spent in stage N3 Sleep expressed as a percentage of total sleep time	%
Y23_PSG19	Rapid Eye Movement Sleep Latency	The time span between the start of sleep and the start of REM sleep	minutes
Y23_PSG20	Number of Arousal type 1 (respiratory arousals)	Total number of respiratory related arousals	count
Y23_PSG21	Number of Arousal type 1 (respiratory arousals) during Rapid Eye Movement Sleep	Total number of respiratory related arousals that occurred during rapid eye movement sleep	count
Y23_PSG22	Number of Arousal type 1 (respiratory arousals) during Non Rapid Eye Movement Sleep	Total number of respiratory related arousals that occurred during Non- Rapid Eye Movement Sleep (i.e Stage N1, Stage N2 and Stage N3)	count
Y23_PSG23	Number of Arousal type 2 (limb movement related arousals)	Total number of arousals related to limb movements	count
Y23_PSG24	Number of Arousal type 2 (limb movement related arousals) during Rapid Eye Movement Sleep	Total number of arousals related to limb movements that occurred during rapid eye movement sleep	count
Y23_PSG25	Number of Arousal type 2 (limb movement related arousals) during Non Rapid Eye Movement Sleep	Total number of arousals related to limb movements that occurred during Non- Rapid Eye Movement Sleep (i.e Stage N1, Stage N2 and Stage N3)	count
Y23_PSG26	Number of Arousal type 3 (spontaneous arousals)	Total number of spontaneous arousals	count
Y23_PSG27	Number of Arousal type 3 (spontaneous arousals) during Rapid Eye Movement Sleep	Total number of spontaneous arousals that occurred during rapid eye movement sleep	count
Y23_PSG28	Number of Arousal type 3 (spontaneous arousals) during Non Rapid Eye Movement Sleep	Total number of spontaneous arousals that occurred during Non- Rapid Eye Movement Sleep (i.e Stage N1, Stage N2 and Stage N3)	count
Y23_PSG29	Number of Arousal type 4 (periodic limb movement arousals)	Total number of arousals associated with period limb movements	count

Y23_PSG30	Number of Arousal type 4 (periodic limb movement arousals) during Rapid Eye Movement Sleep	Total number of arousals associated with period limb movements that occur only during Rapid Eye Movement Sleep	count
Y23_PSG31	Number of Arousal type 4 (periodic limb movement arousals) during Non-Rapid Eye Movement Sleep	Total number of arousals associated with period limb movements that occur only during Non-Rapid Eye Movement Sleep	count
Y23_PSG32	Number of Arousal type 5 (sub criteria arousal)	Total number of sub criteria arousals (i.e. arousal that do not meet the AASM 2012 criteria)	count
Y23_PSG33	Number of Arousal type 5 (sub criteria arousal) during Rapid Eye Movement Sleep	Total number of sub criteria arousals (i.e. arousal that do not meet the AASM 2012 criteria) that occur during Rapid Eye Movement Sleep	count
Y23_PSG34	Number of Arousal type 5 (sub criteria arousal) during Non Rapid Eye Movement Sleep	Total number of sub criteria arousals (i.e. arousal that do not meet the AASM 2012 criteria) that occur during Non Rapid Eye Movement Sleep	count
Y23_PSG35	Number of Obstructive Apneas (manually scored) in supine posture	Total number of manually scored obstructive apneas that occur in the supine posture	count
Y23_PSG36	Number of Obstructive Apneas (manually scored) in non supine posture	Total number of manually scored obstructive apneas that occur in the non supine posture	count
Y23_PSG37	Number of Obstructive Apneas in supine posture during Rapid Eye Movement Sleep	Total number of obstructive apneas that occur in the supine posture during rapid eye movement sleep	count
Y23_PSG38	Number of Obstructive Apneas in supine posture during Non Rapid Eye Movement Sleep	Total number of obstructive apneas that occur in the supine posture during non rapid eye movement sleep	count
Y23_PSG39	Number of Obstructive Apneas in the non supine posture during Rapid Eye Movement Sleep	Total number of obstructive apneas that occur in the non supine posture during rapid eye movement sleep	count
Y23_PSG40	Number of Obstructive Apneas in non supine posture during Non Rapid Eye Movement Sleep	Total number of obstructive apneas that occur in the non supine posture during non rapid eye movement sleep	count
Y23_PSG41	Total number of obstructive apnea that occur during sleep		count
Y23_PSG42	Total number of obstructive apnea that occur during non rapid eye movement sleep only		count
Y23_PSG43	Total number of obstructive apnea that occur during rapid eye movement sleep only		count
Y23_PSG44	Total number of obstructive apnea that occur during sleep in supine posture		count

Y23_PSG45	Total number of obstructive apnea that occur during sleep in non supine posture		count
Y23_PSG46	Obstructive Apnea average duration		seconds
Y23_PSG47	Obstructive Apnea maximum duration		seconds
Y23_PSG48	Number of Mixed Apneas (manually scored) in supine posture	Total number of manually scored mixed apneas that occur in the supine posture	count
Y23_PSG49	Number of Mixed Apneas (manually scored) in non supine posture	Total number of manually scored mixed apneas that occur in the non supine posture	count
Y23_PSG50	Number of Mixed Apneas in supine posture during Rapid Eye Movement Sleep	Total number of mixed apneas that occur in the supine posture during rapid eye movement sleep	count
Y23_PSG51	Number of Mixed Apneas in supine posture during Non Rapid Eye Movement Sleep	Total number of mixed apneas that occur in the supine posture during non rapid eye movement sleep	count
Y23_PSG52	Number of Mixed Apneas in the non supine posture during Rapid Eye Movement Sleep	Total number of mixed apneas that occur in the non supine posture during rapid eye movement sleep	count
Y23_PSG53	Number of Mixed Apneas in non supine posture during Non Rapid Eye Movement Sleep	Total number of mixed apneas that occur in the non supine posture during non rapid eye movement sleep	count
Y23_PSG54	Total number of mixed apnea that occur during sleep		count
Y23_PSG55	Total number of mixed apnea that occur during non rapid eye movement sleep only		count
Y23_PSG56	Total number of mixed apnea that occur during rapid eye movement sleep only		count
Y23_PSG57	Total number of mixed apnea that occur during sleep in supine posture		count
Y23_PSG58	Total number of mixed apnea that occur during sleep in non supine posture		count
Y23_PSG59	Mixed Apnea average duration		seconds
Y23_PSG60	Mixed Apnea maximum duration		seconds
Y23_PSG61	Number of Central Apneas (manually scored) in supine posture	Total number of manually scored central apneas that occur in the supine posture	count
Y23_PSG62	Number of Central Apneas (manually scored) in non supine posture	Total number of manually scored central apneas that occur in the non supine posture	count
Y23_PSG63	Number of Central Apneas in supine posture during Rapid Eye Movement Sleep	Total number of central apneas that occur in the supine posture during rapid eye movement sleep	count

Y23_PSG64	Number of Central Apneas in supine posture during Non Rapid Eye Movement Sleep	Total number of central apneas that occur in the supine posture during non rapid eye movement sleep	count
Y23_PSG65	Number of Central Apneas in the non supine posture during Rapid Eye Movement Sleep	Total number of central apneas that occur in the non supine posture during rapid eye movement sleep	count
Y23_PSG66	Number of Central Apneas in non supine posture during Non Rapid Eye Movement Sleep	Total number of central apneas that occur in the non supine posture during non rapid eye movement sleep	count
Y23_PSG67	Total number of central apnea that occur during sleep		count
Y23_PSG68	Total number of central apnea that occur during non rapid eye movement sleep only		count
Y23_PSG69	Total number of central apnea that occur during rapid eye movement sleep only		count
Y23_PSG70	Total number of central apnea that occur during sleep in supine posture		count
Y23_PSG71	Total number of central apnea that occur during sleep in non supine posture		count
Y23_PSG72	Central Apnea average duration		seconds
Y23_PSG73	Central Apnea maximum duration		seconds
Y23_PSG74	Number of Hypopneas (manually scored) in supine posture	Total number of manually scored hypopneas that occur in the supine posture	count
Y23_PSG75	Number of Hypopneas (manually scored) in non supine posture	Total number of manually scored hypopneas that occur in the non supine posture	count
Y23_PSG76	Number of Hypopneas in supine posture during Rapid Eye Movement Sleep	Total number of hypopneas that occur in the supine posture during rapid eye movement sleep	count
Y23_PSG77	Number of Hypopneas in supine posture during Non Rapid Eye Movement Sleep	Total number of hypopneas that occur in the supine posture during non rapid eye movement sleep	count
Y23_PSG78	Number of Hypopneas in the non supine posture during Rapid Eye Movement Sleep	Total number of hypopneas that occur in the non supine posture during rapid eye movement sleep	count
Y23_PSG79	Number of Hypopneas in non supine posture during Non Rapid Eye Movement Sleep	Total number of hypopneas that occur in the non supine posture during non rapid eye movement sleep	count
Y23_PSG80	Total number of Hypopneas that occur during sleep		count
Y23_PSG81	Total number of Hypopneas that occur during non rapid eye movement sleep only		count

Y23_PSG82	Total number of Hypopneas that occur during rapid eye movement sleep only	count
Y23_PSG83	Total number of Hypopneas that occur during sleep in supine posture	count
Y23_PSG84	Total number of Hypopneas that occur during sleep in non supine posture	count
Y23_PSG85	Hypopnea average duration	seconds
Y23_PSG86	Hypopneas maximum duration	seconds
Y23_PSG87	Number of respiratory-effort related arousals during supine sleep (manually scored events)	count
Y23_PSG88	Number of respiratory-effort related arousals during non supine sleep (manually scored events)	count
Y23_PSG89	Number of respiratory-effort related arousals during Rapid Eye Movement Sleep in the supine posture (manually scored events)	count
Y23_PSG90	Number of respiratory-effort related arousals during Non Rapid Eye Movement Sleep in the supine posture (manually scored events)	count
Y23_PSG91	Number of respiratory-effort related arousals during Rapid Eye Movement Sleep in the non supine posture (manually scored events)	count
Y23_PSG92	Number of respiratory-effort related arousals during Non Rapid Eye Movement Sleep in the non supine posture (manually scored events)	count
Y23_PSG93	Other scored respiratory events per hour of sleep	events per hour of sleep
Y23_PSG94	apnea hyponea index during supine rapid eye movement sleep	events per hour of sleep
Y23_PSG95	apnea hyponea index during supine non rapid eye movement sleep	events per hour of sleep

Y23_PSG96	apnea hyponea index during non supine rapid eye movement sleep		events per hour of sleep
Y23_PSG97	apnea hyponea index during non supine non rapid eye movement sleep		events per hour of sleep
Y23_PSG98	apnea hyponea index (using manually scored events) in supine posture		events per hour of sleep
Y23_PSG99	apnea hyponea index (using manually scored events) in non supine posture		events per hour of sleep
Y23_PSG100	Respiratory disturbance Index during sleep		events per hour of sleep
Y23_PSG101	average snoring level	using sound monitor	decibels
Y23_PSG102	Number of snores		per hour of sleep
Y23_PSG103	Average peripheral capillary oxygen saturation during wake	if - then data was not achieved in that state and/or body posture	%
Y23_PSG104	Lowest peripheral capillary oxygen saturation	if - then data was not achieved in that state and/or body posture	%
Y23_PSG105	Lowest peripheral capillary oxygen saturation during rapid eye movement sleep in supine posture	if - then data was not achieved in that state and/or body posture	%
Y23_PSG106	Lowest peripheral capillary oxygen saturation during rapid eye movement sleep in non supine posture	if - then data was not achieved in that state and/or body posture	%
Y23_PSG107	Lowest peripheral capillary oxygen saturation during non rapid eye movement sleep in supine posture	if - then data was not achieved in that state and/or body posture	%
Y23_PSG108	Lowest peripheral capillary oxygen saturation during non rapid eye movement sleep in non supine posture	if - then data was not achieved in that state and/or body posture	%
Y23_PSG109	Average peripheral capillary oxygen desaturation	if - then data was not achieved in that state and/or body posture	%

Y23_PSG110	limb movement index		events per hour of sleep
Y23_PSG111	periodic limb movement index		events per hour of sleep
Y23_PSG112	Total number of apnea and hyponeas (this includes events that were terminated in a wake epoch)		count
Y23_PSG113	Total sleep Time dived by 60	total sleep time in hours not minute	hours
Y23_PSG114	Overall apnea hyponea index (including events scored manually)	Number of respiratory events dived by total sleep time (measured in hours), includes events that were terminated in an wake epoch	events per hour of sleep
Y23_PSG115	Total number of apneas and hyponeas that occur only during sleep epochs		events per hour of sleep
Y23_PSG116	Apnea hyponea index for events that only occur during sleep epochs	Number of respiratory events dived by total sleep time (measured in hours), includes only events that occurred during sleep epochs	events per hour of sleep