Codebook for the alldata\_Englishvars dataset

|  |
| --- |
| Study: Study number (from 1-3) |
| Subj\_ID: ID of the subject in the given Study |
| Sex: 1- male, 2- female |
| Age: in years |
| Education\_years: Education of the subject in years |
| Time\_testing: Time of testing in hours |
| DS\_avg: Digit Span |
| CS\_avg: Counting Span |
| WCST\_NrTrial: Wisconsin Card Sorting Test - Number of Trials |
| WCST\_Terror: Wisconsin Card Sorting Test – Number of total errors |
| WCST\_TErrorP: Wisconsin Card Sorting Test – Percent of total errors |
| WCST\_PersError: Wisconsin Card Sorting Test - Number of Perseveration Error |
| WCST\_PersErrorP: Wisconsin Card Sorting Test - Percent of Perseveration Error |
| WCST\_NonPersError: Wisconsin Card Sorting Test – Number of Non-perseveration Error |
| WCST\_NonPersErrorP: Wisconsin Card Sorting Test - Percent of Non-perseveration Error |
| GSQS: Gröningen Sleep Quality Scale overall score |
| AIS: Athens Insomnia Scale overall score |
| PSQI\_3comp: Pittsburg Sleep Quality Index score (3 components: Subjective sleep quality, Sleep latency, Sleep disturbances, see items and components in the end of the dataset) |
| ACC\_avg: Average accuracy in the ASRT task |
| RT\_avg: Average reaction time in the ASRT task |
| Trip\_Learn\_all\_RT: Average triplet learning in the ASRT task in reaction time |
| Trip\_Learn\_all\_ACC: Average triplet learning in the ASRT task in accuracy |
| Highrer\_Order\_ACC: Average higher order sequence learning in the ASRT task in accuracy |
| Stat\_Learn\_ACC: Average statistical learning in the ASRT task in accuracy |
| Highrer\_Order\_RT: Average higher order sequence learning in the ASRT task in reaction time |
| Stat\_Learn\_RT: Average statistical learning in the ASRT task in reaction time |
| PH\_e1\_ACC: ASRT index\* |
| PH\_e2\_ACC: ASRT index\* |
| PH\_e3\_ACC: ASRT index\* |
| PH\_e4\_ACC: ASRT index\* |
| RH\_e1\_ACC: ASRT index\* |
| RH\_e2\_ACC: ASRT index\* |
| RH\_e3\_ACC: ASRT index\* |
| RH\_e4\_ACC: ASRT index\* |
| RL\_e1\_ACC: ASRT index\* |
| RL\_e2\_ACC: ASRT index\* |
| RL\_e3\_ACC: ASRT index\* |
| RL\_e4\_ACC: ASRT index\* |
| Higher\_Order\_e1\_ACC: ASRT index\* |
| Higher\_Order\_e2\_ACC: ASRT index\* |
| Higher\_Order\_e3\_ACC: ASRT index\* |
| Higher\_Order\_e4\_ACC: ASRT index\* |
| Stat\_Learn\_e1\_ACC: ASRT index\* |
| Stat\_Learn\_e2\_ACC: ASRT index\* |
| Stat\_Learn\_e3\_ACC: ASRT index\* |
| Stat\_Learn\_e4\_ACC: ASRT index\* |
| PH\_e1\_RT: ASRT index\* |
| PH\_e2\_RT: ASRT index\* |
| PH\_e3\_RT: ASRT index\* |
| PH\_e4\_RT: ASRT index\* |
| RH\_e1\_RT: ASRT index\* |
| RH\_e2\_RT: ASRT index\* |
| RH\_e3\_RT: ASRT index\* |
| RH\_e4\_RT: ASRT index\* |
| RL\_e1\_RT: ASRT index\* |
| RL\_e2\_RT: ASRT index\* |
| RL\_e3\_RT: ASRT index\* |
| RL\_e4\_RT: ASRT index\* |
| Higher\_Order\_e1\_RT: ASRT index\* |
| Higher\_Order\_e2\_RT: ASRT index\* |
| Higher\_Order\_e3\_RT: ASRT index\* |
| Higher\_Order\_e4\_RT: ASRT index\* |
| Stat\_Learn\_e1\_RT: ASRT index\* |
| Stat\_Learn\_e2\_RT: ASRT index\* |
| Stat\_Learn\_e3\_RT: ASRT index\* |
| Stat\_Learn\_e4\_RT: ASRT index\* |
| Triplearn\_e1\_RT: ASRT index\* |
| Triplearn\_e2\_RT: ASRT index\* |
| Triplearn\_e3\_RT: ASRT index\* |
| Triplearn\_e4\_RT: ASRT index\* |
| Triplearn\_e1\_acc: ASRT index\* |
| Triplearn\_e2\_acc: ASRT index\* |
| Triplearn\_e3\_acc: ASRT index\* |
| Triplearn\_e4\_acc: ASRT index\* |
| acc\_gs: General skill learning in ACC in the ASRT task |
| rt\_gs\_1min4: General skill learning in RT in the ASRT task |
| Diary\_PSQI1: Sleep diary data scored as Component 1 of the Pittsburg Sleep Quality Index |
| Diary\_PSQI2: Sleep diary data scored as Component 2 of the Pittsburg Sleep Quality Index |
| Diary\_PSQI3: Sleep diary data scored as Component 3 of the Pittsburg Sleep Quality Index |
| Diary\_PSQI4: Sleep diary data scored as Component 4 of the Pittsburg Sleep Quality Index |
| Diary\_PSQI4f: Sum of the 4 components of the Sleep diary |
| Mother\_education\_years: Education of mother in years |
| Father\_education\_years: Education of father in years |
| Economicstatus\_family: Score from -5 to 5 of the economic status of the family rated by the subject |
| Economicstatus\_self: Score from -5 to 5 of the economic status of the subject rated by the subject |
| MEQ\_Morningalert: MEQ Morning alertness component (see Hungarian validation) |
| MEQ\_timepref: MEQ Time preference component |
| MEQ\_all: MEQ overall score |
| PSQI\_5a: Pittsburg Sleep Quality Index item |
| PSQI\_5b: Pittsburg Sleep Quality Index item |
| PSQI\_5c: Pittsburg Sleep Quality Index item |
| PSQI\_5d: Pittsburg Sleep Quality Index item |
| PSQI\_5e: Pittsburg Sleep Quality Index item |
| PSQI\_5f: Pittsburg Sleep Quality Index item |
| PSQI\_5g: Pittsburg Sleep Quality Index item |
| PSQI\_5h: Pittsburg Sleep Quality Index item |
| PSQI\_5i: Pittsburg Sleep Quality Index item |
| PSQI\_5j: Pittsburg Sleep Quality Index item |
| PSQI\_6: Pittsburg Sleep Quality Index item |
| PSQI\_quality\_comp: Pittsburg Sleep Quality Index Subjective sleep quality component score |
| PSQI\_latency\_comp: Pittsburg Sleep Quality Index Sleep latency component score |
| PSQI\_disturbances\_comp: Pittsburg Sleep Quality Index Sleep disturbance component score |
| PSQI\_dist\_score: Sum of Pittsburg Sleep Quality Index sleep disturbance (from items 5b to 5j) |

\* ASRT index codebook

ACC = Accuracy

RT = Reaction time

e = Epoch (from 1-4)

PH = pattern high trials

RH = random high trials

RL = random low trials

Higher\_Order = Higher order sequence learning

Stat\_Learn = Statistical learning

Triplearn = Triplet learning

e = Epoch (from 1-4)