# Codebook for combined_data

Autogenerated data summary from dataMaid

2021-01-18 14:55:00

## Data report overview

The dataset examined has the following dimensions:

| Feature | Result |
|---|---|
| Number of observations | 25448 |
| Number of variables | 27 |

## Codebook summary table

| Label | Variable | Class | # unique values | Missing | Description |
|---|---|---|---|---|---|
| | **cohort** | factor | 2 | 0.00 % | |
| | **belong** | numeric | 1564 | 5.17 % | |
| | **sex** | factor | 2 | 0.00 % | |
| | **indig** | factor | 3 | 0.04 % | |
| | **loc** | factor | 3 | 2.15 % | |
| | **immig** | factor | 3 | 3.96 % | |
| | **escs** | numeric | 16401 | 4.53 % | |
| | **schid** | character | 1073 | 2.15 % | |
| | **sch_grad1** | numeric | 3 | 44.79 % | |
| | **sch_grad2** | numeric | 3 | 47.76 % | |
| | **sch_grad3** | numeric | 3 | 50.70 % | |
| | **sch_grad4** | numeric | 3 | 59.21 % | |
| | **pc1** | numeric | 24901 | 2.15 % | |
| | **pc2** | numeric | 24901 | 2.15 % | |
| | **pc3** | numeric | 24901 | 2.15 % | |
| | **pc4** | numeric | 24900 | 2.15 % | |
| | **pc5** | numeric | 24901 | 2.15 % | |
| | **neet1** | factor | 3 | 46.07 % | |
| | **neet2** | factor | 3 | 47.76 % | |
| | **neet3** | factor | 3 | 50.70 % | |
| | **neet4** | factor | 3 | 59.21 % | |
| | **sch_pc1** | numeric | 1073 | 2.15 % | |
| | **sch_pc2** | numeric | 1073 | 2.15 % | |
| | **sch_pc3** | numeric | 1073 | 2.15 % | |
| | **sch_pc4** | numeric | 1073 | 2.15 % | |
| | **sch_pc5** | numeric | 1073 | 2.15 % | |
| | **sch_escs** | numeric | 1069 | 2.40 % | |

# Variable list

## cohort

| Feature | Result |
|---|---|
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 2 |
| Mode | "cohort_2015" |
| Reference category | cohort_2003 |



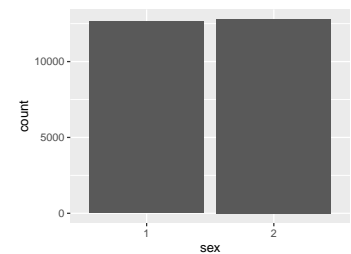- Observed factor levels: "cohort_2003", "cohort_2015".
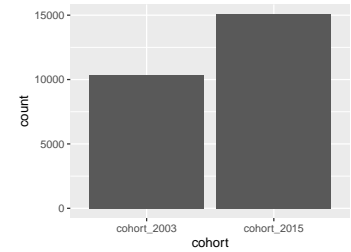
## belong

| Feature | Result |
|---|---|
| Variable type | numeric |
| Number of missing obs. | 1316 (5.17 %) |
| Number of unique values | 1563 |
| Median | -0.29 |
| 1st and 3rd quartiles | -0.64; 0.49 |
| Min. and max. | -3.38; 2.61 |
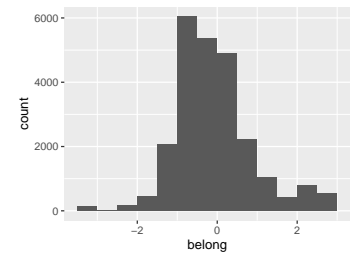


## sex

| Feature | Result |
|---|---|
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 2 |
| Mode | "2" |
| Reference category | 1 |



- Observed factor levels: "1", "2".

## indig

| Feature | Result |
|---|---|
| Variable type | factor |
| Number of missing obs. | 10 (0.04 %) |
| Number of unique values | 2 |
| Mode | "0" |
| Reference category | 0 |



- Observed factor levels: "0", "1".
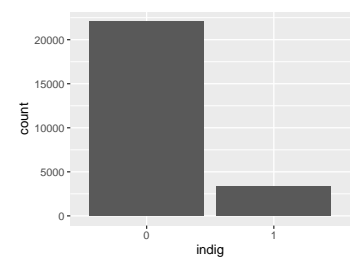
## loc

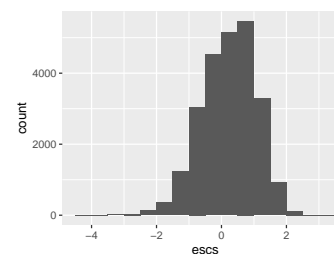| Feature | Result |
| --- | --- |
| Variable type | factor |
| Number of missing obs. | 548 (2.15 %) |
| Number of unique values | 2 |
| Mode | "1" |
| Reference category | 0 |



- Observed factor levels: "0", "1".
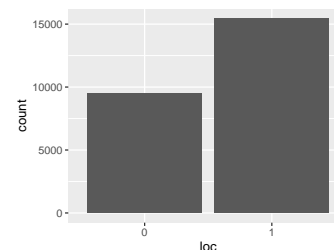
## immig

| Feature | Result |
| --- | --- |
| Variable type | factor |
| Number of missing obs. | 1008 (3.96 %) |
| Number of unique values | 2 |
| Mode | "0" |
| Reference category | 0 |



- Observed factor levels: "0", "1".
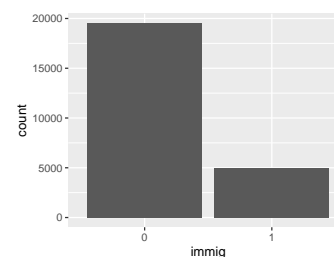
## escs

| Feature | Result |
| --- | --- |
| Variable type | numeric |
| Number of missing obs. | 1152 (4.53 %) |
| Number of unique values | 16400 |
| Median | 0.27 |
| 1st and 3rd quartiles | -0.35; 0.84 |
| Min. and max. | -4.5; 3.18 |



## schid

| Feature | Result |
| --- | --- |
| Variable type | character |
| Number of missing obs. | 548 (2.15 %) |
| Number of unique values | 1072 |
| Mode | "3600331" |



- Observed factor levels: "01001", "01004", "01005", "01007", "02001", "02003", "02005", "02006", "02007", "02008", "02009", "02010", "02011", "02012", "02013", "02014", "02015", "02016", "02017", "03001", "03003", "04001", "04002", "04003", "05002", "05005", "05006", "05009", "05010", "05011", "05012", "05014", "05015", "05016", "05017", "05018", "05020", "05021", "06002", "06004", "06005", "06006", "06007", "06008", "06009", "06011", "06012", "06013", "06014", "06015", "06017", "06019", "06020", "06021", "06022", "06023", "06024", "06026", "06027", "06028", "06029", "06030", "06031", "06033", "06034", "06035", "06036", "06039", "06040", "06043", "06044", "06045", "06046", "06047", "06048", "06049", "06051", "06052", "06053", "06055", "06057",
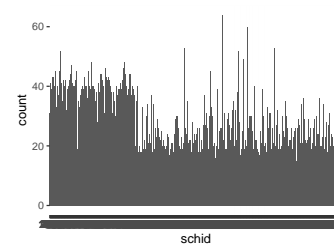
"06301", "06310", "06316", "07001", "07002", "07003", "07005", "07006", "07007", "07008", "07010", "07011",
"08001", "08003", "09001", "09002", "09004", "09005", "09006", "09007", "09008", "09009", "09010", "09012",
"09013", "10001", "10003", "10004", "11001", "11003", "11004", "11005", "11007", "11009", "11010", "12001",
"12002", "12003", "12005", "12006", "12007", "12008", "12009", "12010", "12011", "12012", "12013", "12014",
"12015", "12016", "12017", "12018", "12020", "12021", "12022", "12023", "12024", "12025", "12026", "12027",
"12028", "12030", "12031", "12032", "12033", "12034", "13002", "13003", "13004", "13005", "13007", "13008",
"13009", "13010", "13301", "14001", "14002", "14003", "14004", "14005", "14007", "15001", "15002", "15003",
"15004", "15005", "15006", "15007", "15008", "15009", "15011", "15012", "15013", "15014", "15015", "15016",
"15017", "15018", "15019", "15020", "15310", "16001", "16002", "16004", "16005", "16006", "16303", "17001",
"17002", "17003", "17004", "18001", "18002", "18003", "18004", "18005", "18006", "18007", "18008", "18009",
"18011", "18012", "18013", "18014", "18015", "19002", "19301", "20001", "20002", "20003", "20004", "20005",
"20006", "20007", "20008", "20009", "20010", "20011", "20012", "20014", "21001", "21002", "21003", "21004",
"21005", "21006", "21007", "21008", "21009", "21010", "21011", "21012", "21013", "21015", "21016", "21017",
"21018", "21019", "21020", "21021", "21022", "21023", "21025", "21026", "21027", "21028", "21029", "21030",
"21031", "21032", "21033", "21034", "21035", "21037", "21038", "21039", "21314", "21324", "21336", "22001",
"22002", "22003", "22004", "22005", "22006", "22008", "22009", "22010", "22307", "23001", "23002", "23003",
"23004", "23005", "23006", "23007", "23008", "24001", "24002", "24003", "24004", "24005", "24006", "24007",
"24008", "24010", "24011", "24012", "24013", "24014", "24015", "24016", "24017", "24018", "24019", "24020",
"24021", "24022", "24023", "24024", "24025", "24026", "24027", "24309", "25001", "25002", "25003", "25005",
"25006", "25007", "26001", "26002", "26003", "3600001", "3600002", "3600003", "3600004", "3600005",
"3600006", "3600007", "3600008", "3600009", "3600010", "3600011", "3600012", "3600013", "3600014",
"3600015", "3600016", "3600017", "3600018", "3600019", "3600020", "3600021", "3600022", "3600023",
"3600024", "3600026", "3600027", "3600028", "3600029", "3600030", "3600031", "3600032", "3600033",
"3600034", "3600035", "3600036", "3600037", "3600038", "3600039", "3600040", "3600041", "3600042",
"3600043", "3600044", "3600045", "3600046", "3600047", "3600048", "3600049", "3600050", "3600051",
"3600052", "3600053", "3600054", "3600055", "3600056", "3600057", "3600058", "3600059", "3600060",
"3600061", "3600062", "3600063", "3600064", "3600065", "3600066", "3600067", "3600068", "3600069",
"3600070", "3600072", "3600073", "3600074", "3600075", "3600076", "3600077", "3600078", "3600079",
"3600080", "3600081", "3600083", "3600084", "3600085", "3600086", "3600087", "3600088", "3600089",
"3600090", "3600091", "3600092", "3600093", "3600094", "3600095", "3600096", "3600097", "3600098",
"3600099", "3600100", "3600101", "3600102", "3600103", "3600104", "3600105", "3600106", "3600107",
"3600108", "3600109", "3600110", "3600111", "3600112", "3600113", "3600114", "3600115", "3600116",
"3600117", "3600118", "3600119", "3600120", "3600121", "3600123", "3600124", "3600125", "3600126",
"3600127", "3600129", "3600130", "3600131", "3600132", "3600133", "3600134", "3600135", "3600136",
"3600137", "3600138", "3600139", "3600140", "3600141", "3600142", "3600143", "3600144", "3600145",
"3600146", "3600147", "3600148", "3600149", "3600150", "3600151", "3600152", "3600153", "3600154",
"3600155", "3600156", "3600157", "3600158", "3600159", "3600160", "3600161", "3600162", "3600163",
"3600164", "3600165", "3600166", "3600167", "3600168", "3600169", "3600170", "3600171", "3600172",
"3600173", "3600174", "3600175", "3600176", "3600177", "3600178", "3600179", "3600180", "3600181",
"3600182", "3600183", "3600184", "3600185", "3600186", "3600187", "3600188", "3600189", "3600190",
"3600191", "3600192", "3600193", "3600194", "3600195", "3600196", "3600197", "3600198", "3600199",
"3600200", "3600201", "3600202", "3600203", "3600204", "3600205", "3600206", "3600207", "3600208",
"3600209", "3600210", "3600211", "3600212", "3600213", "3600214", "3600215", "3600216", "3600217",
"3600218", "3600219", "3600220", "3600221", "3600223", "3600224", "3600225", "3600226", "3600227",
"3600228", "3600229", "3600230", "3600231", "3600232", "3600233", "3600234", "3600235", "3600236",
"3600237", "3600238", "3600240", "3600241", "3600242", "3600243", "3600244", "3600246", "3600247",
"3600248", "3600249", "3600250", "3600251", "3600252", "3600253", "3600254", "3600255", "3600256",
"3600257", "3600258", "3600259", "3600260", "3600261", "3600262", "3600263", "3600264", "3600265",
"3600266", "3600267", "3600268", "3600269", "3600270", "3600271", "3600272", "3600273", "3600274",
"3600275", "3600276", "3600277", "3600278", "3600279", "3600280", "3600281", "3600282", "3600283",
"3600284", "3600285", "3600286", "3600287", "3600288", "3600289", "3600290", "3600291", "3600292",
"3600293", "3600295", "3600296", "3600297", "3600298", "3600299", "3600300", "3600301", "3600302",
"3600303", "3600304", "3600305", "3600306", "3600307", "3600308", "3600309", "3600310", "3600311",
"3600312", "3600313", "3600314", "3600315", "3600316", "3600317", "3600318", "3600319", "3600320",
"3600321", "3600322", "3600323", "3600324", "3600325", "3600326", "3600327", "3600329", "3600330",
"3600331", "3600332", "3600333", "3600334", "3600335", "3600336", "3600337", "3600338", "3600339",

"3600340", "3600341", "3600342", "3600343", "3600344", "3600346", "3600347", "3600348", "3600349",
"3600350", "3600351", "3600352", "3600353", "3600354", "3600355", "3600356", "3600357", "3600358",
"3600359", "3600360", "3600361", "3600362", "3600363", "3600364", "3600365", "3600366", "3600367",
"3600368", "3600369", "3600370", "3600371", "3600372", "3600373", "3600374", "3600375", "3600376",
"3600377", "3600378", "3600379", "3600380", "3600381", "3600382", "3600383", "3600384", "3600385",
"3600386", "3600387", "3600388", "3600389", "3600390", "3600391", "3600392", "3600393", "3600394",
"3600395", "3600396", "3600397", "3600398", "3600399", "3600400", "3600401", "3600402", "3600403",
"3600404", "3600405", "3600406", "3600407", "3600408", "3600409", "3600410", "3600411", "3600412",
"3600413", "3600414", "3600415", "3600416", "3600417", "3600418", "3600419", "3600420", "3600421",
"3600422", "3600423", "3600424", "3600425", "3600426", "3600427", "3600428", "3600429", "3600430",
"3600431", "3600432", "3600433", "3600434", "3600435", "3600436", "3600437", "3600438", "3600439",
"3600440", "3600441", "3600442", "3600443", "3600444", "3600445", "3600446", "3600447", "3600448",
"3600449", "3600450", "3600451", "3600452", "3600453", "3600455", "3600456", "3600457", "3600458",
"3600459", "3600460", "3600461", "3600462", "3600463", "3600464", "3600465", "3600466", "3600467",
"3600468", "3600469", "3600470", "3600471", "3600472", "3600473", "3600474", "3600475", "3600476",
"3600477", "3600478", "3600479", "3600480", "3600481", "3600482", "3600483", "3600484", "3600485",
"3600486", "3600487", "3600488", "3600489", "3600490", "3600491", "3600492", "3600493", "3600494",
"3600495", "3600496", "3600497", "3600498", "3600499", "3600501", "3600502", "3600503", "3600504",
"3600505", "3600506", "3600507", "3600508", "3600509", "3600510", "3600511", "3600512", "3600513",
"3600514", "3600515", "3600516", "3600517", "3600518", "3600519", "3600520", "3600521", "3600522",
"3600523", "3600524", "3600525", "3600526", "3600527", "3600528", "3600529", "3600530", "3600531",
"3600532", "3600533", "3600534", "3600535", "3600536", "3600537", "3600538", "3600539", "3600540",
"3600541", "3600542", "3600543", "3600544", "3600545", "3600546", "3600547", "3600548", "3600549",
"3600551", "3600552", "3600553", "3600554", "3600555", "3600556", "3600557", "3600558", "3600559",
"3600560", "3600561", "3600562", "3600563", "3600564", "3600565", "3600566", "3600568", "3600570",
"3600571", "3600572", "3600573", "3600574", "3600575", "3600576", "3600577", "3600578", "3600579",
"3600580", "3600581", "3600582", "3600583", "3600584", "3600585", "3600586", "3600588", "3600589",
"3600590", "3600592", "3600593", "3600594", "3600595", "3600596", "3600597", "3600598", "3600599",
"3600600", "3600601", "3600602", "3600603", "3600604", "3600605", "3600606", "3600607", "3600608",
"3600609", "3600610", "3600611", "3600612", "3600613", "3600614", "3600615", "3600616", "3600617",
"3600618", "3600619", "3600620", "3600621", "3600623", "3600624", "3600625", "3600626", "3600627",
"3600628", "3600629", "3600631", "3600633", "3600634", "3600635", "3600636", "3600637", "3600638",
"3600639", "3600640", "3600641", "3600642", "3600643", "3600644", "3600645", "3600646", "3600647",
"3600648", "3600649", "3600650", "3600651", "3600652", "3600653", "3600654", "3600655", "3600656",
"3600657", "3600658", "3600659", "3600660", "3600661", "3600662", "3600663", "3600664", "3600665",
"3600666", "3600667", "3600668", "3600669", "3600670", "3600671", "3600672", "3600673", "3600674",
"3600675", "3600676", "3600677", "3600678", "3600679", "3600680", "3600682", "3600683", "3600685",
"3600686", "3600687", "3600688", "3600689", "3600690", "3600691", "3600692", "3600693", "3600694",
"3600695", "3600696", "3600697", "3600698", "3600700", "3600701", "3600702", "3600703", "3600704",
"3600706", "3600707", "3600708", "3600709", "3600711", "3600712", "3600713", "3600714", "3600715",
"3600716", "3600717", "3600718", "3600719", "3600720", "3600721", "3600722", "3600723", "3600724",
"3600725", "3600726", "3600727", "3600728", "3600729", "3600730", "3600731", "3600732", "3600733",
"3600734", "3600735", "3600736", "3600738", "3600739", "3600740", "3600741", "3600742", "3600743",
"3600744", "3600745", "3600746", "3600747", "3600748", "3600749", "3600750", "3600751", "3600752",
"3600753", "3600754", "3600755", "3600756", "3600757", "3600758", "3600759", "3600760", "3600761",
"3600762", "3600763", "3600764", "3600765", "3600766", "3600767", "3600768", "3600769", "3600770",
"3600771", "3600772", "3600773", "3600774", "3600775", "3600776", "3600777", "3600778", "3600779",
"3600780", "3600781", "3600782", "3600783", "3600784", "3600785".

## sch_grad1

| Feature | Result |
| --- | --- |
| Variable type | numeric |
| Number of missing obs. | 11398 (44.79 %) |
| Number of unique values | 2 |
| Median | 1 |
| 1st and 3rd quartiles | 1; 1 |
| Min. and max. | 0; 1 |



## sch_grad2

| Feature | Result |
| --- | --- |
| Variable type | numeric |
| Number of missing obs. | 12154 (47.76 %) |
| Number of unique values | 2 |
| Median | 1 |
| 1st and 3rd quartiles | 0; 1 |
| Min. and max. | 0; 1 |
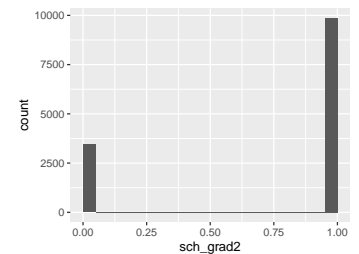


## sch_grad3

| Feature | Result |
| --- | --- |
| Variable type | numeric |
| Number of missing obs. | 12902 (50.7 %) |
| Number of unique values | 2 |
| Median | 0 |
| 1st and 3rd quartiles | 0; 0 |
| Min. and max. | 0; 1 |
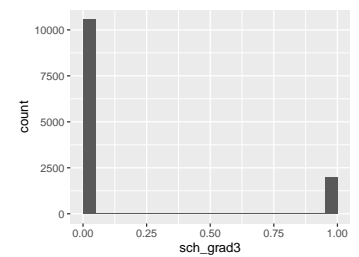


## sch_grad4

| Feature | Result |
| --- | --- |
| Variable type | numeric |
| Number of missing obs. | 15069 (59.21 %) |
| Number of unique values | 2 |
| Median | 0 |
| 1st and 3rd quartiles | 0; 0 |
| Min. and max. | 0; 1 |

# pc1
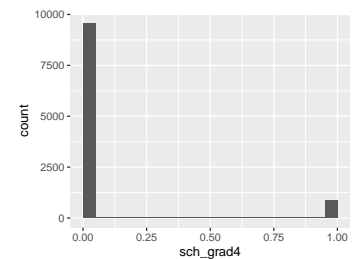
| Feature | Result |
|---|---|
| Variable type | numeric |
| Number of missing obs. | 548 (2.15 %) |
| Number of unique values | 24900 |
| Median | 0.05 |
| 1st and 3rd quartiles | -0.7; 0.72 |
| Min. and max. | -4.07; 3.33 |
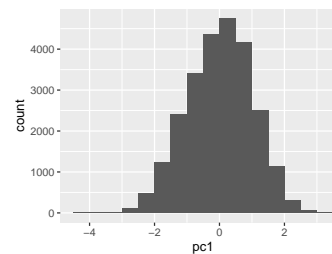


# pc2

| Feature | Result |
|---|---|
| Variable type | numeric |
| Number of missing obs. | 548 (2.15 %) |
| Number of unique values | 24900 |
| Median | 0.04 |
| 1st and 3rd quartiles | -0.69; 0.72 |
| Min. and max. | -4.3; 3.41 |
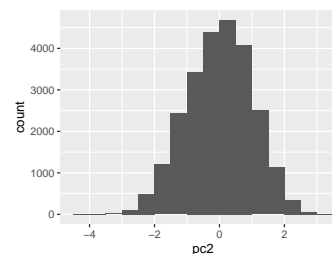


# pc3

| Feature | Result |
|---|---|
| Variable type | numeric |
| Number of missing obs. | 548 (2.15 %) |
| Number of unique values | 24900 |
| Median | 0.04 |
| 1st and 3rd quartiles | -0.69; 0.71 |
| Min. and max. | -3.93; 3.53 |
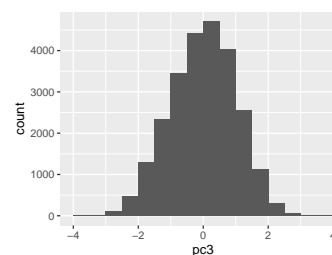


# pc4

| Feature | Result |
|---|---|
| Variable type | numeric |
| Number of missing obs. | 548 (2.15 %) |
| Number of unique values | 24899 |
| Median | 0.04 |
| 1st and 3rd quartiles | -0.7; 0.72 |
| Min. and max. | -4.5; 3.46 |
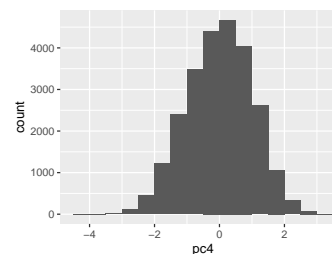
## pc5

| Feature | Result |
| --- | --- |
| Variable type | numeric |
| Number of missing obs. | 548 (2.15 %) |
| Number of unique values | 24900 |
| Median | 0.04 |
| 1st and 3rd quartiles | -0.7; 0.72 |
| Min. and max. | -4.16; 3.39 |
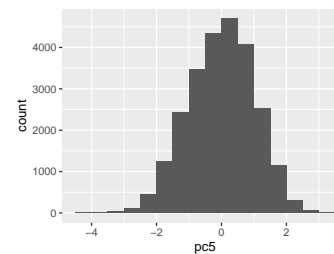
## neet1

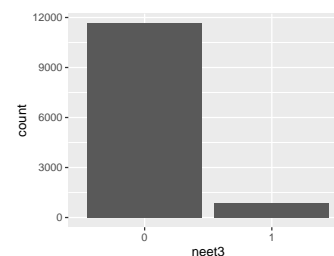| Feature | Result |
| --- | --- |
| Variable type | factor |
| Number of missing obs. | 11723 (46.07 %) |
| Number of unique values | 2 |
| Mode | "0" |
| Reference category | 0 |
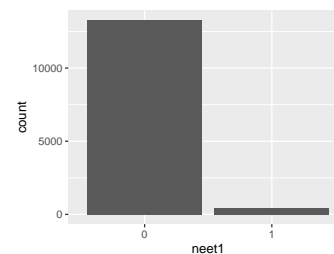
- Observed factor levels: "0", "1".

## neet2

| Feature | Result |
| --- | --- |
| Variable type | factor |
| Number of missing obs. | 12154 (47.76 %) |
| Number of unique values | 2 |
| Mode | "0" |
| Reference category | 0 |
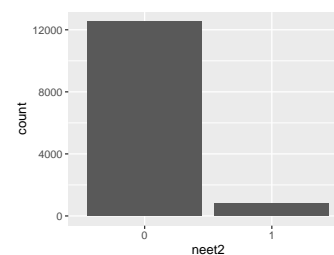
- Observed factor levels: "0", "1".

## neet3

| Feature | Result |
| --- | --- |
| Variable type | factor |
| Number of missing obs. | 12902 (50.7 %) |
| Number of unique values | 2 |
| Mode | "0" |
| Reference category | 0 |

- Observed factor levels: "0", "1".

## neet4

| Feature | Result |
| --- | --- |
| Variable type | factor |
| Number of missing obs. | 15069 (59.21 %) |
| Number of unique values | 2 |
| Mode | "0" |
| Reference category | 0 |



- Observed factor levels: "0", "1".
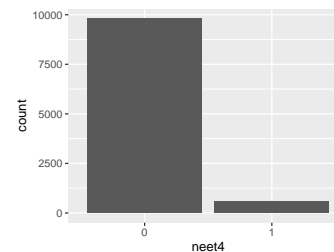
## sch_pc1

| Feature | Result |
| --- | --- |
| Variable type | numeric |
| Number of missing obs. | 548 (2.15 %) |
| Number of unique values | 1073 |
| Median | -0.03 |
| 1st and 3rd quartiles | -0.37; 0.35 |
| Min. and max. | -2.36; 1.91 |
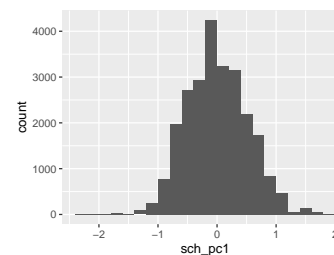


## sch_pc2

| Feature | Result |
| --- | --- |
| Variable type | numeric |
| Number of missing obs. | 548 (2.15 %) |
| Number of unique values | 1073 |
| Median | -0.02 |
| 1st and 3rd quartiles | -0.38; 0.34 |
| Min. and max. | -1.8; 2.11 |
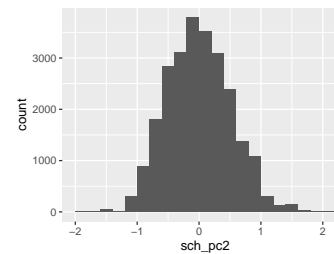


## sch_pc3

| Feature | Result |
| --- | --- |
| Variable type | numeric |
| Number of missing obs. | 548 (2.15 %) |
| Number of unique values | 1073 |
| Median | -0.01 |
| 1st and 3rd quartiles | -0.38; 0.33 |
| Min. and max. | -2.79; 1.87 |
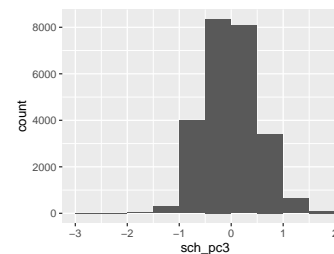
## sch_pc4

| Feature | Result |
| --- | --- |
| Variable type | numeric |
| Number of missing obs. | 548 (2.15 %) |
| Number of unique values | 1073 |
| Median | -0.03 |
| 1st and 3rd quartiles | -0.37; 0.36 |
| Min. and max. | -2.2; 2.03 |
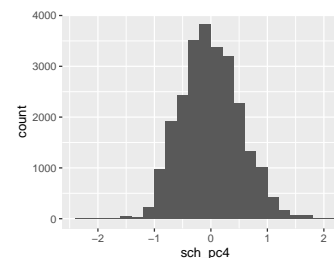


## sch_pc5

| Feature | Result |
| --- | --- |
| Variable type | numeric |
| Number of missing obs. | 548 (2.15 %) |
| Number of unique values | 1073 |
| Median | -0.02 |
| 1st and 3rd quartiles | -0.38; 0.33 |
| Min. and max. | -3.07; 1.84 |
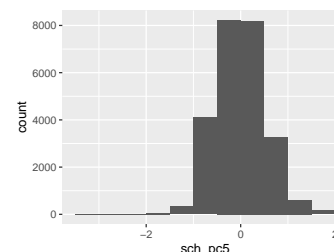


## sch_escs

| Feature | Result |
| --- | --- |
| Variable type | numeric |
| Number of missing obs. | 611 (2.4 %) |
| Number of unique values | 1069 |
| Median | 0.19 |
| 1st and 3rd quartiles | -0.13; 0.54 |
| Min. and max. | -4.06; 1.42 |
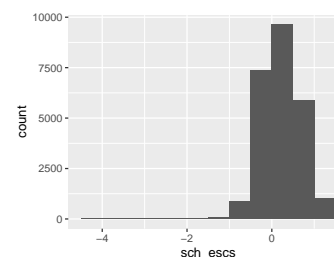


Report generation information:

- Created by: Philip Parker (username: `phparker`).

- Report creation time: Mon Jan 18 2021 14:55:02

- Report was run from directory: `/Users/phparker/Dropbox/Projects_Research/CURRENT_WORKING/belonging_NEET`

- dataMaid v1.4.0 [Pkg: 2019-12-10 from CRAN (R 4.0.2)]

- R version 4.0.3 (2020-10-10).

- Platform: x86_64-apple-darwin17.0 (64-bit)(macOS Mojave 10.14.5).

- Function call: `dataMaid::makeDataReport(data = combined_data, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "/Users/phparker/Dropbox/Projects_Research/CURRENT_WORKING/belongi checks = list(character = "showAllFactorLevels", factor = "showAllFactorLevels", labelled = "showAllFactorLevels", haven_labelled = "showAllFactorLevels", numeric = NULL, integer = NULL, logical = NULL, Date = NULL), listChecks = FALSE, maxProbVals = Inf, codebook = TRUE, reportTitle = "Codebook for combined_data")`