# FFA-Norm values

## Based on the 2009 Paper by Kohls, Sauer and Walach

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### 1 Summary

- This analyses comprises (a) descriptive (summary) statistics as well as (b) norm values
- All analyses were based on the FMI13 as presented in Kohls, Sauer and Walach (2009):

Kohls, N., Sauer, S., & Walach, H. (2009). Facets of mindfulness – Results of an online study investigating the Freiburg mindfulness inventory.  $Personality\ and\ Individual\ Differences,\ 46(2),\ 224–230.\ https://doi.org/10.1016/j.paid.2008.10.009$ 

- Results are presented for (a) a general factor solution (b) and for the two factor solution, based on the paper of Kohls, Sauer and Walach (2009)
- The present norm analyses includes the following norm values: z-values, T values, percentage rank empirical, percentage rank based on a normal distribution
- For the descriptive analyses, typical statistics are reproted, ie. mean, sd, range, quartiles, skewness, kurtosis as well as a "0-1-standardized mean", defined as mean/3 (as 3 is the theoretical upper limit of each score). This statistics is meant to easy comparison.
- A number of subgroup results are presented: by sex (female and male), continuous mindfulness training (yes or no), whether intensive mindfulnes retreats have been conducted (yes or noy), whether Vipassana training is practiced (yes or no), age (median split, ie., 49 years)

## 2 Setup

Load R-Packages and other functions used.

```
library(easystats)
library(here)
library(tidyverse)
#library(knitr)
library(DataExplorer)
#library(scales)
library(knitr)
library(gt)
```

```
library(magrittr) # extract2
library(lavaan)
library(semPlot)

source("R-code/funs.R")
source("R-code/01-prepare-data.R")
```

### 3 Data

### 3.1 Prepare data

```
d_w_items <- prepare_FMI_data()</pre>
## The following items were matched to the *presence* factor: ffa_1 ffa_2 ffa_3 ffa_5 ffa_7 ffa_10
## The following items were matched to the *acceptance* factor: ffa_4 ffa_6 ffa_8 ffa_9 ffa_11 ffa_12
## mutating factors to character variables
names(d_w_items)
  [1] "Nummer"
                                  "STATUS"
                                                            "Einwilligung"
   [4] "Alter"
                                  "Geschlecht"
                                                            "Bildung"
## [7] "Haushaltsgrösse"
                                  "Religion"
                                                            "Evang"
## [10] "Islam"
                                  "Judentum"
                                                            "keineRel"
## [13] "Andere_Religion"
                                  "feste_Stelle"
                                                            "Einkommen"
## [16] "Kursteilnahme"
                                  "tägl_Übung"
                                                            "Achts_regel"
## [19] "Vip_regel"
                                  "Zen_regel"
                                                            "TM_regel"
## [22] "Kontemp_regel"
                                  "Yoga_regel"
                                                            "TaiChi_regel"
## [25] "ChiGong_regel"
                                  "Tantra_regel"
                                                            "Ander_regel"
## [28] "Anderes"
                                  "Praxisjahre"
                                                            "Retreats"
## [31] "Theorie"
                                  "Presence"
                                                            "Acceptance"
## [34] "Summe"
                                  "Acceptance13"
                                                            "SummeFFA13"
## [37] "fmi13_mean"
                                  "presence_mean"
                                                            "acceptance13_mean"
## [40] "fmi14_mean"
                                  "ffa_1"
                                                            "ffa_2"
## [43] "ffa 3"
                                                            "ffa 5"
                                  "ffa 4"
## [46] "ffa_6"
                                  "ffa_7"
                                                            "ffa_8"
## [49] "ffa 9"
                                  "ffa 10"
                                                            "ffa 11"
## [52] "ffa_12"
                                  "ffa_13r"
                                                            "ffa_14"
## [55] "mindfulness_experience"
```

### 3.2 Item labels

```
item_labels <-
  read_csv("metadata/FMI-items.csv") |>
  mutate(item_name = paste0("FFA_", nr))
```

### 3.3 Matching items to factors

Presence items:

```
item_labels |>
  filter(facet_PAID_2009 == "Presence") |>
  select(nr) |>
  extract2(1)

## [1] 1 2 3 5 7 10

Acceptance items:

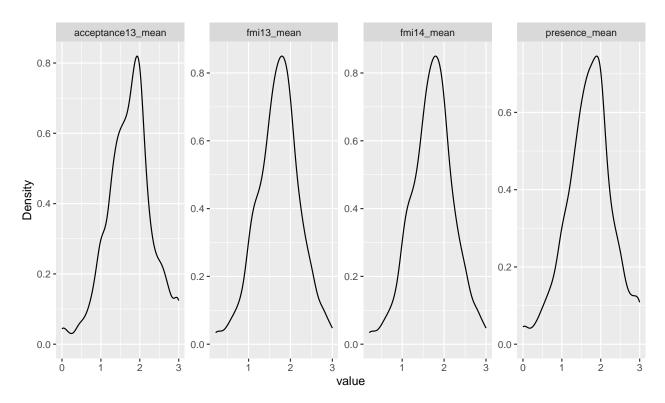
item_labels |>
  filter(facet_PAID_2009 == "Acceptance") |>
  select(nr)|>
  extract2(1)
```

## [1] 4 6 8 9 11 12 13 14

## 4 Describe factors

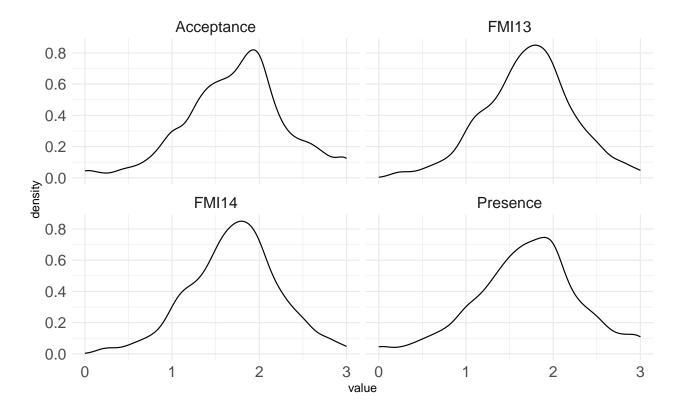
### 4.1 Visualization of factor distributions

```
d_w_items %>%
select(ends_with("_mean")) %>%
plot_density() + theme_minimal()
```



#### ## NULL

Alternative visualization, keeping the x-axis constant:



### 4.2 Descriptive statistics

"Mean01" refers to a 0-1-standardized mean.

```
d_w_items %>%
  select(ends_with("_mean")) %>%
  describe_distribution(iqr = FALSE, range = TRUE, quartiles = TRUE) %>%
```

```
mutate(Mean01 = Mean/3) %>%
relocate(Mean01, .after = Mean) %>%
knitr::kable(digits = 2)
```

Variable	Mean	Mean01	SD	Min	Max	Q1	Q3	Skewness	Kurtosis	n	n_Missing
fmi13_mean	1.71	0.57	0.51	0.21	3	1.36	2	-0.15	0.16	1012	0
presence_mean	1.70	0.57	0.59	0.00	3	1.33	2	-0.24	0.19	1012	0
$acceptance 13\_me$	an1.73	0.58	0.58	0.00	3	1.43	2	-0.22	0.27	1012	0
$fmi14\_mean$	1.71	0.57	0.51	0.21	3	1.36	2	-0.15	0.16	1012	0

### 4.3 Norms

 $fmi13\_mean$ 

score	perc_rank	$\mathbf{z}$	stanine	Τ	perc_normal
0.0	0.00	-3.37	1.00	16.35	0.00
0.1	0.00	-3.17	1.00	18.31	0.00
0.2	0.00	-2.97	1.00	20.28	0.00
0.3	0.01	-2.78	1.00	22.24	0.00
0.4	0.01	-2.58	1.00	24.21	0.00
0.5	0.02	-2.38	1.00	26.17	0.01
0.6	0.02	-2.19	1.00	28.13	0.01
0.7	0.03	-1.99	1.02	30.10	0.02
0.8	0.04	-1.79	1.41	32.06	0.04
0.9	0.05	-1.60	1.80	34.02	0.06
1.0	0.09	-1.40	2.20	35.99	0.08
1.1	0.12	-1.20	2.59	37.95	0.11
1.2	0.15	-1.01	2.98	39.92	0.16
1.3	0.21	-0.81	3.38	41.88	0.21
1.4	0.25	-0.62	3.77	43.84	0.27
1.5	0.34	-0.42	4.16	45.81	0.34
1.6	0.40	-0.22	4.55	47.77	0.41
1.7	0.45	-0.03	4.95	49.74	0.49
1.8	0.58	0.17	5.34	51.70	0.57
1.9	0.64	0.37	5.73	53.66	0.64
2.0	0.76	0.56	6.13	55.63	0.71
2.1	0.80	0.76	6.52	57.59	0.78
2.2	0.83	0.96	6.91	59.56	0.83
2.3	0.89	1.15	7.30	61.52	0.88
2.4	0.91	1.35	7.70	63.48	0.91
2.5	0.95	1.54	8.09	65.45	0.94
2.6	0.96	1.74	8.48	67.41	0.96
2.7	0.97	1.94	8.88	69.38	0.97
2.8	0.99	2.13	9.00	71.34	0.98

score	perc_rank	Z	stanine	Т	perc_normal
2.9	0.99	2.33	9.00	73.30	0.99
3.0	1.00	2.53	9.00	75.27	0.99

## ${\tt \$presence\_mean}$

score	perc_rank	$\mathbf{z}$	stanine	Τ	perc_normal
0.0	0.01	-2.86	1.00	21.37	0.00
0.1	0.01	-2.69	1.00	23.06	0.00
0.2	0.02	-2.53	1.00	24.74	0.01
0.3	0.02	-2.36	1.00	26.43	0.01
0.4	0.02	-2.19	1.00	28.12	0.01
0.5	0.04	-2.02	1.00	29.80	0.02
0.6	0.04	-1.85	1.30	31.49	0.03
0.7	0.06	-1.68	1.64	33.18	0.05
0.8	0.06	-1.51	1.97	34.86	0.07
0.9	0.09	-1.34	2.31	36.55	0.09
1.0	0.15	-1.18	2.65	38.24	0.12
1.1	0.15	-1.01	2.98	39.92	0.16
1.2	0.21	-0.84	3.32	41.61	0.20
1.3	0.21	-0.67	3.66	43.30	0.25
1.4	0.29	-0.50	4.00	44.99	0.31
1.5	0.40	-0.33	4.33	46.67	0.37
1.6	0.40	-0.16	4.67	48.36	0.43
1.7	0.52	0.00	5.01	50.05	0.50
1.8	0.52	0.17	5.35	51.73	0.57
1.9	0.64	0.34	5.68	53.42	0.63
2.0	0.77	0.51	6.02	55.11	0.70
2.1	0.77	0.68	6.36	56.79	0.75
2.2	0.84	0.85	6.70	58.48	0.80
2.3	0.84	1.02	7.03	60.17	0.85
2.4	0.89	1.19	7.37	61.85	0.88
2.5	0.93	1.35	7.71	63.54	0.91
2.6	0.93	1.52	8.05	65.23	0.94
2.7	0.96	1.69	8.38	66.91	0.95
2.8	0.96	1.86	8.72	68.60	0.97
2.9	0.98	2.03	9.00	70.29	0.98
3.0	1.00	2.20	9.00	71.97	0.99

## \$acceptance13\_mean

score	$perc\_rank$	${f z}$	stanine	Τ	perc_normal
0.0	0.01	-2.99	1.00	20.06	0.00
0.1	0.01	-2.82	1.00	21.78	0.00
0.2	0.01	-2.65	1.00	23.51	0.00
0.3	0.02	-2.48	1.00	25.24	0.01
0.4	0.02	-2.30	1.00	26.96	0.01
0.5	0.03	-2.13	1.00	28.69	0.02
0.6	0.04	-1.96	1.08	30.42	0.03
0.7	0.04	-1.79	1.43	32.14	0.04

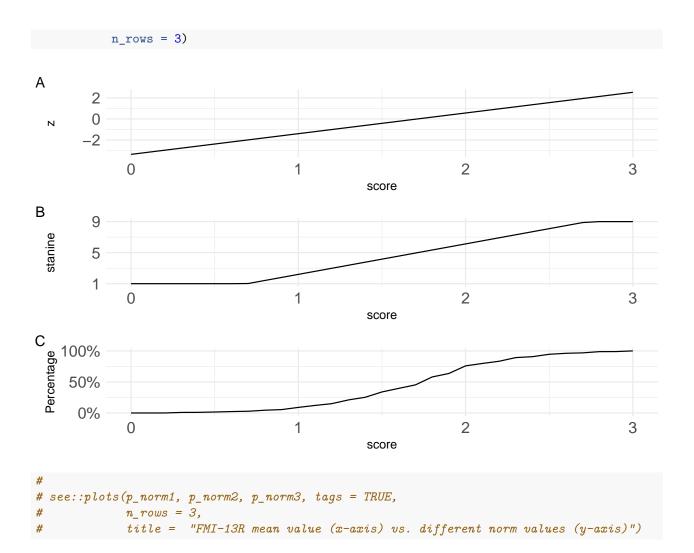
score	perc_rank	Z	stanine	Т	perc_normal
0.8	0.05	-1.61	1.77	33.87	0.05
0.9	0.08	-1.44	2.12	35.60	0.07
1.0	0.13	-1.27	2.47	37.33	0.10
1.1	0.13	-1.09	2.81	39.05	0.14
1.2	0.17	-0.92	3.16	40.78	0.18
1.3	0.24	-0.75	3.50	42.51	0.23
1.4	0.24	-0.58	3.85	44.23	0.28
1.5	0.33	-0.40	4.19	45.96	0.34
1.6	0.42	-0.23	4.54	47.69	0.41
1.7	0.42	-0.06	4.88	49.41	0.48
1.8	0.51	0.11	5.23	51.14	0.55
1.9	0.63	0.29	5.57	52.87	0.61
2.0	0.75	0.46	5.92	54.60	0.68
2.1	0.75	0.63	6.26	56.32	0.74
2.2	0.82	0.80	6.61	58.05	0.79
2.3	0.87	0.98	6.96	59.78	0.84
2.4	0.87	1.15	7.30	61.50	0.87
2.5	0.90	1.32	7.65	63.23	0.91
2.6	0.94	1.50	7.99	64.96	0.93
2.7	0.94	1.67	8.34	66.68	0.95
2.8	0.96	1.84	8.68	68.41	0.97
2.9	0.98	2.01	9.00	70.14	0.98
3.0	1.00	2.19	9.00	71.87	0.99

 $fmi14\_mean$ 

score	perc_rank	Z	stanine	Т	perc_	normal
0.0	0.00	-3.37	1.00	16.35		0.00
0.1	0.00	-3.17	1.00	18.31		0.00
0.2	0.00	-2.97	1.00	20.28		0.00
0.3	0.01	-2.78	1.00	22.24		0.00
0.4	0.01	-2.58	1.00	24.21		0.00
0.5	0.02	-2.38	1.00	26.17		0.01
0.6	0.02	-2.19	1.00	28.13		0.01
0.7	0.03	-1.99	1.02	30.10		0.02
0.8	0.04	-1.79	1.41	32.06		0.04
0.9	0.05	-1.60	1.80	34.02		0.06
1.0	0.09	-1.40	2.20	35.99		0.08
1.1	0.12	-1.20	2.59	37.95		0.11
1.2	0.15	-1.01	2.98	39.92		0.16
1.3	0.21	-0.81	3.38	41.88		0.21
1.4	0.25	-0.62	3.77	43.84		0.27
1.5	0.34	-0.42	4.16	45.81		0.34
1.6	0.40	-0.22	4.55	47.77		0.41
1.7	0.45	-0.03	4.95	49.74		0.49
1.8	0.58	0.17	5.34	51.70		0.57
1.9	0.64	0.37	5.73	53.66		0.64
2.0	0.76	0.56	6.13	55.63		0.71
2.1	0.80	0.76	6.52	57.59		0.78
2.2	0.83	0.96	6.91	59.56		0.83
2.3	0.89	1.15	7.30	61.52		0.88

score	$perc\_rank$	$\mathbf{Z}$	stanine	${ m T}$	$perc\_normal$
2.4	0.91	1.35	7.70	63.48	0.91
2.5	0.95	1.54	8.09	65.45	0.94
2.6	0.96	1.74	8.48	67.41	0.96
2.7	0.97	1.94	8.88	69.38	0.97
2.8	0.99	2.13	9.00	71.34	0.98
2.9	0.99	2.33	9.00	73.30	0.99
3.0	1.00	2.53	9.00	75.27	0.99

```
norms <-
d_w_items %>%
  select(ends_with("_mean")) %>%
  map(~ compute_all_norms(.,
                          min_score = 0,
                          max_score = 3,
                          by = .1),
      digits = 2)
p_norm1 <-
norms %>%
  pluck(1) %>%
  ggplot(aes(x = score, y = z)) +
  geom_line() +
  scale_y_continuous(breaks = c(-2, 0, 2)) +
  theme(strip.text = element_text(size = 14),
                axis.text = element_text(size =14))
p_norm2 <-
norms %>%
  pluck(1) %>%
  ggplot(aes(x = score, y = stanine)) +
  geom_line() +
  scale_y_continuous(breaks = c(1, 5, 9)) +
  theme(strip.text = element_text(size = 14),
                axis.text = element_text(size =14))
p_norm3 <-
norms %>%
  pluck(1) %>%
  ggplot(aes(x = score, y = perc_rank)) +
  geom_line() +
  labs(y = "Percentage") +
  scale_y_continuous(breaks = c(0, .5, 1),
                     labels = c("0\%", "50\%", "100\%")) +
  theme(strip.text = element_text(size = 14),
                axis.text = element_text(size =14))
see::plots(p_norm1, p_norm2, p_norm3, tags = TRUE,
```



## 5 Item statistics and reliability

### 5.1 FMI14

Item statistics:

```
fmi14_desc1 <-
d_w_items |>
    select(starts_with("ffa_", ignore.case = FALSE)) |>
    psych::alpha()

col_names <- c("Nr.", "mean", "*SD", "*r*", "*r<sub>it</sub>*")

fmi14_desc1[["item.stats"]] |>
    select(mean, sd, r.cor, r.drop) |>
        kable(col.names = col_names, escape = FALSE, digits = 2)
```

Nr.	mean	*SD	r	rit
ffa_1	1.91	0.85	0.53	0.49
$ffa_2$	1.51	0.89	0.50	0.46
$ffa_3$	1.42	0.86	0.49	0.45
$ffa_4$	1.89	0.86	0.62	0.57
$ffa_5$	1.84	0.83	0.67	0.63
$ffa_6$	1.80	0.82	0.65	0.60
$ffa_7$	1.78	0.84	0.68	0.63
$ffa_8$	1.84	0.77	0.53	0.49
$ffa_9$	1.71	0.84	0.66	0.61
ffa_10	1.72	0.85	0.67	0.62
ffa_11	1.74	0.84	0.68	0.64
$ffa_12$	1.54	0.86	0.66	0.61
$ffa_13r$	1.67	0.90	0.01	0.00
${\rm ffa}\_14$	1.60	0.84	0.55	0.51

#### Omega:

```
fmi14_omega <-
d_w_items |>
  select(starts_with("ffa_", ignore.case = FALSE)) |>
  psych::omega(nfactors = 1)
fmi14_omega
## Omega
## Call: omegah(m = m, nfactors = nfactors, fm = fm, key = key, flip = flip,
       digits = digits, title = title, sl = sl, labels = labels,
       plot = plot, n.obs = n.obs, rotate = rotate, Phi = Phi, option = option,
##
       covar = covar)
## Alpha:
                          0.87
## G.6:
                          0.87
## Omega Hierarchical:
                          0.87
## Omega H asymptotic:
                          1
## Omega Total
                          0.87
##
## Schmid Leiman Factor loadings greater than 0.2
##
              g F1*
                      h2
                           h2
                                 u2 p2 com
## ffa_1
           0.53
                     0.28 0.28 0.72 1
## ffa_2
           0.51
                     0.26 0.26 0.74
## ffa_3
           0.49
                     0.24 0.24 0.76
## ffa 4
                     0.37 0.37 0.63
           0.61
## ffa_5
           0.67
                     0.45 0.45 0.55 1
## ffa_6
           0.65
                     0.43 0.43 0.57
                     0.47 0.47 0.53 1
## ffa_7
           0.69
## ffa_8
           0.53
                     0.28 0.28 0.72
## ffa_9
           0.65
                     0.42 0.42 0.58
## ffa_10
           0.67
                     0.45 0.45 0.55
           0.67
                     0.45 0.45 0.55 1
## ffa_11
## ffa_12 0.66
                     0.43 0.43 0.57
                                         1
                          0.00 1.00 1
## ffa_13r
                                         1
## ffa_14 0.56
                     0.31 0.31 0.69 1
```

```
##
## With Sums of squares of:
   g F1* h2
## 4.9 0.0 1.9
## general/max 2.55
                     max/min =
                                 1.939515e+16
## mean percent general = 1
                             with sd = 0 and cv of 0
## Explained Common Variance of the general factor = 1
##
## The degrees of freedom are 77 and the fit is 0.4
## The number of observations was 1012 with Chi Square = 402.03 with prob < 1.7e-45
## The root mean square of the residuals is 0.05
## The df corrected root mean square of the residuals is 0.05
## RMSEA index = 0.065 and the 10 % confidence intervals are 0.058 0.071
## BIC = -130.78
##
## Compare this with the adequacy of just a general factor and no group factors
## The degrees of freedom for just the general factor are 77 and the fit is 0.4
## The number of observations was 1012 with Chi Square = 402.03 with prob < 1.7e-45
## The root mean square of the residuals is 0.05
## The df corrected root mean square of the residuals is 0.05
## RMSEA index = 0.065 and the 10 % confidence intervals are 0.058 0.071
## BIC = -130.78
##
## Measures of factor score adequacy
                                                   g F1*
## Correlation of scores with factors
                                                0.94
## Multiple R square of scores with factors
                                                0.89
## Minimum correlation of factor score estimates 0.78 -1
## Total, General and Subset omega for each subset
                                                   g F1*
##
                                                0.87 0.87
## Omega total for total scores and subscales
## Omega general for total scores and subscales 0.87 0.87
## Omega group for total scores and subscales
                                                0.00 0.00
```

#### 5.2 FMI13-R

```
fmi13_desc1 <-
d_w_items |>
    select(starts_with("ffa_", ignore.case = FALSE)) |>
    select(-ffa_13r) |>
    psych::alpha()

col_names <- c("Nr.", "mean", "*SD", "*r*", "*r<sub>it</sub>*")

fmi13_desc1[["item.stats"]] |>
    select(mean, sd, r.cor, r.drop) |>
    kable(col.names = col_names, escape = FALSE, digits = 2)
```

Nr.	mean	*SD	r	rit
ffa_1	1.91	0.85	0.53	0.50
$ffa_2$	1.51	0.89	0.52	0.49
$ffa_3$	1.42	0.86	0.50	0.47
$ffa_4$	1.89	0.86	0.61	0.57
$ffa_5$	1.84	0.83	0.67	0.63
$ffa_6$	1.80	0.82	0.65	0.61
$ffa_7$	1.78	0.84	0.68	0.64
$ffa_8$	1.84	0.77	0.53	0.50
$ffa_9$	1.71	0.84	0.64	0.60
ffa_10	1.72	0.85	0.67	0.63
ffa_11	1.74	0.84	0.67	0.63
$ffa_12$	1.54	0.86	0.66	0.62
${\rm ffa}\_14$	1.60	0.84	0.56	0.52

#### Omega:

```
fmi13_omega <-
d_w_items |>
  select(starts_with("ffa_", ignore.case = FALSE)) |>
  select(-ffa_13r) |>
 psych::omega(nfactors = 1)
fmi13_omega
## Omega
## Call: omegah(m = m, nfactors = nfactors, fm = fm, key = key, flip = flip,
      digits = digits, title = title, sl = sl, labels = labels,
      plot = plot, n.obs = n.obs, rotate = rotate, Phi = Phi, option = option,
##
      covar = covar)
## Alpha:
                          0.88
## G.6:
                          0.88
## Omega Hierarchical:
                          0.88
## Omega H asymptotic:
                          1
## Omega Total
                          0.88
##
## Schmid Leiman Factor loadings greater than 0.2
##
            g F1*
                     h2 h2
                              u2 p2 com
## ffa_1 0.53
                   0.28 0.28 0.72 1
## ffa_2 0.51
                   0.26 0.26 0.74 1
## ffa_3 0.49
                   0.24 0.24 0.76 1
## ffa_4 0.61
                   0.37 0.37 0.63
## ffa_5 0.67
                   0.45 0.45 0.55 1
                                       1
## ffa_6 0.65
                   0.43 0.43 0.57 1
## ffa_7 0.69
                   0.47 0.47 0.53 1
                                       1
## ffa_8 0.53
                   0.28 0.28 0.72 1
## ffa_9 0.65
                   0.42 0.42 0.58 1
                                       1
## ffa_10 0.67
                   0.45 0.45 0.55 1
                   0.45 0.45 0.55 1
## ffa_11 0.67
                                       1
## ffa_12 0.66
                   0.43 0.43 0.57
                                   1
                                       1
## ffa_14 0.56
                   0.31 0.31 0.69
##
```

```
## With Sums of squares of:
   g F1* h2
## 4.9 0.0 1.9
##
                      max/min =
## general/max 2.55
                                  Inf
                               with sd = 0 and cv of 0
## mean percent general = 1
## Explained Common Variance of the general factor = 1
## The degrees of freedom are 65 and the fit is 0.32
## The number of observations was 1012 with Chi Square = 323.71 with prob < 5.3e-36
## The root mean square of the residuals is 0.04
## The df corrected root mean square of the residuals is 0.05
## RMSEA index = 0.063 and the 10 % confidence intervals are 0.056 0.07
## BIC = -126.07
##
## Compare this with the adequacy of just a general factor and no group factors
## The degrees of freedom for just the general factor are 65 and the fit is 0.32
## The number of observations was 1012 with Chi Square = 323.71 with prob < 5.3e-36
## The root mean square of the residuals is 0.04
## The df corrected root mean square of the residuals is 0.05
## RMSEA index = 0.063 and the 10 % confidence intervals are 0.056 0.07
## BIC = -126.07
## Measures of factor score adequacy
                                                   g F1*
## Correlation of scores with factors
                                                0.94
                                                      0
## Multiple R square of scores with factors
                                                0.89
## Minimum correlation of factor score estimates 0.78 -1
##
## Total, General and Subset omega for each subset
##
                                                   g F1*
## Omega total for total scores and subscales
                                                0.88 0.88
## Omega general for total scores and subscales 0.88 0.88
## Omega group for total scores and subscales
                                                0.00 0.00
```

### 6 CFA

rename the items for the sake of brevity:

### 6.1 Setup

```
cfa_results <- list()
```

```
get_results_list <- function(cfa_model) {
  out <- list()

out <- list(
  model_name = deparse(substitute(cfa_model)),
  # overview = list(summary(cfa_model)),
  cfi = fitMeasures(cfa_model)["cfi"],
  tli = fitMeasures(cfa_model)["tli"],
  rmsea = fitMeasures(cfa_model)["rmsea"],
  srmr = fitMeasures(cfa_model)["srmr"]
)
}</pre>
```

### 6.2 One general mindfulness factor, including item 13

```
model_one_dim <-

"General_Factor =~ i1 + i2 + i3 + i4 + i5 + i6 + i7 + i8 + i9 + i10 + i11 + i12 + i13r + i14"
```

#### 6.2.1 items as categorical

#### 6.2.2 items as numerical

```
model_one_dim_fit_numeric <- cfa(model_one_dim, data = fmi_items)

cfa_results[["model_one_dim_fit_numeric"]] <-
get_results_list(model_one_dim_fit_numeric)</pre>
```

### 6.3 Two factors (presence, acceptance) without item 13, correlated factors

```
model_pres_acc <- "
# Presence:
presence =~ i1 + i2 + i3 + i5 + i7 + i10
acceptance =~ i4 + i6 + i8 + i9 + i11 + i12 + i14
presence ~~ acceptance
"</pre>
```

#### 6.3.1 items as numeric:

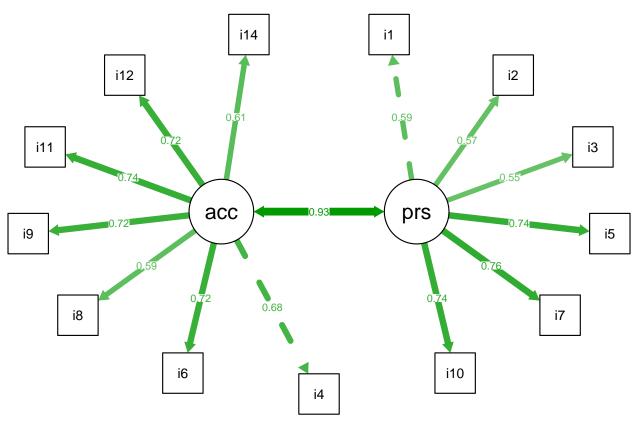
#### 6.3.2 items as categorical

#### 6.3.3 Plot

)

```
semPaths(model_two_dim_wo_13_ordered,
         what = "stand",
         whatLabels = "stand",
        layout = "circle",
        \# sizeMan = 3,
         #style = "lisrel",
         residuals = FALSE,
         #fixed = FALSE,
         intercepts = FALSE,
         normalize = FALSE,
         thresholds = F,
         width = 12,
        height = 6,
        # rotation = 2,
        intAtSide = TRUE,
       # nCharNodes = 0
title("model_two_dim_wo_13_ordered")
```

# model\_two\_dim\_wo\_13\_ordered



6.4 Two correlated factors, individuals with meditation practice only ——-

#### 6.4.1 items as numeric

```
model_two_dim_wo_13_meditators_only <-
    cfa(model_pres_acc,
        data = fmi_items |> filter(mindfulness_experience == 1))

cfa_results[["model_two_dim_wo_13_meditators_only"]] <-
    get_results_list(model_two_dim_wo_13_meditators_only)</pre>
```

### 6.4.2 items as categorical

```
model_two_dim_wo_13_meditators_only_categorical <-
    cfa(model_pres_acc,
        estimator = "DWLS",
        ordered = TRUE,
        data = fmi_items |> filter(mindfulness_experience == 1))

cfa_results[["model_two_dim_wo_13_meditators_only_categorical"]] <-
    get_results_list(model_two_dim_wo_13_meditators_only_categorical)</pre>
```

### 6.5 Results

```
cfa_results_df <- as.data.frame(cfa_results)

cfa_results_df |>
   kable(digits = 2)
```

cfi mode999999.00n05nfitde9921492d00n04nfitde4961496160nfmade9928499.040n04nvode930v95d(444d03mod483\_tmodxid400fe4con13\_medita

## 7 Norm values for different subgroups

The following subgroup variables were considered:

```
subgroup_vars <- c("Geschlecht", "Achts_regel", "Retreats", "Vip_regel", "age_below_md")
subgroup_vars</pre>
```

```
## [1] "Geschlecht" "Achts_regel" "Retreats" "Vip_regel" "age_below_md"
```

### 7.1 Split by sex

#### 7.1.1 Stats

Table 9: Geschlecht=female

Variable	Mean	Mean_0	01 SD	Range	Quartiles	Skewness	Kurtosis	n	n_Missing
acceptance13_	mean73	0.58	0.57	(0.00, 3.00)	1.29, 2.07	-0.09	-0.13	515	0
$fmi13\_mean$	1.71	0.57	0.51	(0.21, 3.00)	1.36, 2.07	-0.11	-0.27	515	0
$fmi14\_mean$	1.71	0.57	0.51	(0.21, 3.00)	1.36, 2.07	-0.11	-0.27	515	0
presence_mean	n 1.72	0.57	0.58	(0.00, 3.00)	1.33, 2.00	-0.11	-0.10	515	0

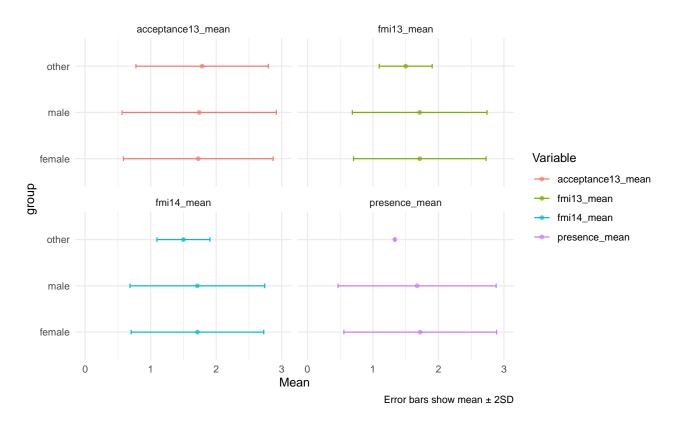
Table 10: Geschlecht=male

Variable	Mean	Mean_0	01 SD	Range	Quartiles	Skewness	Kurtosis	n	n_Missing
acceptance13_	mean74	0.58	0.59	(0.00, 3.00)	1.43, 2.00	-0.34	0.65	495	0
$fmi13\_mean$	1.71	0.57	0.51	(0.21, 3.00)	1.43,  2.00	-0.19	0.58	495	0
$fmi14\_mean$	1.71	0.57	0.51	(0.21, 3.00)	1.43,  2.00	-0.19	0.58	495	0
presence_mean	1.67	0.56	0.60	(0.00, 3.00)	1.33,  2.00	-0.35	0.42	495	0

Table 11: Geschlecht=other

Variable	Mean	Mean_(	01 SD	Range	Quartiles	Skewness	Kurtosis	n	n_Missing
acceptance13_	mealn79	0.60	0.51	(1.43, 2.14)	1.61, 1.96	9.14e-16	-2.00	2	0
$fmi13\_mean$	1.50	0.50	0.20	(1.36, 1.64)	1.43, 1.57	0.00	-2.00	2	0
$fmi14\_mean$	1.50	0.50	0.20	(1.36, 1.64)	1.43, 1.57	0.00	-2.00	2	0
presence_mean	n 1.33	0.44	0.00	(1.33, 1.33)	1.33,  1.33			2	0

Plot:



### 7.1.2 Norms

Group: male \$fmi13\_mean

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.00	-3.33	1.00	16.67	0.00
0.1	0.00	-3.14	1.00	18.61	0.00
0.2	0.00	-2.94	1.00	20.56	0.00
0.3	0.01	-2.75	1.00	22.50	0.00
0.4	0.02	-2.55	1.00	24.45	0.01
0.5	0.02	-2.36	1.00	26.40	0.01
0.6	0.03	-2.17	1.00	28.34	0.02
0.7	0.03	-1.97	1.06	30.29	0.02
0.8	0.05	-1.78	1.45	32.23	0.04
0.9	0.05	-1.58	1.84	34.18	0.06
1.0	0.08	-1.39	2.23	36.13	0.08
1.1	0.12	-1.19	2.61	38.07	0.12
1.2	0.15	-1.00	3.00	40.02	0.16
1.3	0.19	-0.80	3.39	41.96	0.21
1.4	0.23	-0.61	3.78	43.91	0.27
1.5	0.33	-0.41	4.17	45.86	0.34
1.6	0.39	-0.22	4.56	47.80	0.41
1.7	0.46	-0.03	4.95	49.75	0.49
1.8	0.59	0.17	5.34	51.69	0.57
1.9	0.65	0.36	5.73	53.64	0.64
2.0	0.77	0.56	6.12	55.58	0.71
2.1	0.81	0.75	6.51	57.53	0.77
2.2	0.84	0.95	6.90	59.48	0.83
2.3	0.90	1.14	7.28	61.42	0.87
2.4	0.91	1.34	7.67	63.37	0.91
2.5	0.94	1.53	8.06	65.31	0.94
2.6	0.96	1.73	8.45	67.26	0.96
2.7	0.96	1.92	8.84	69.21	0.97
2.8	0.98	2.12	9.00	71.15	0.98
2.9	0.98	2.31	9.00	73.10	0.99
3.0	1.00	2.50	9.00	75.04	0.99

## ${\tt \$presence\_mean}$

score	$perc\_rank$	${f z}$	stanine	Τ	$perc\_normal$
0.0	0.02	-2.77	1.00	22.27	0.00
0.1	0.02	-2.61	1.00	23.92	0.00
0.2	0.03	-2.44	1.00	25.58	0.01
0.3	0.03	-2.28	1.00	27.24	0.01
0.4	0.04	-2.11	1.00	28.90	0.02
0.5	0.05	-1.94	1.11	30.55	0.03
0.6	0.05	-1.78	1.44	32.21	0.04
0.7	0.07	-1.61	1.77	33.87	0.05
0.8	0.07	-1.45	2.11	35.53	0.07
0.9	0.10	-1.28	2.44	37.18	0.10
1.0	0.15	-1.12	2.77	38.84	0.13
1.1	0.15	-0.95	3.10	40.50	0.17
1.2	0.21	-0.78	3.43	42.15	0.22
1.3	0.21	-0.62	3.76	43.81	0.27
1.4	0.29	-0.45	4.09	45.47	0.33
1.5	0.40	-0.29	4.43	47.13	0.39

score	perc_rank	$\mathbf{z}$	stanine	${ m T}$	perc_normal
1.6	0.40	-0.12	4.76	48.78	0.45
1.7	0.53	0.04	5.09	50.44	0.52
1.8	0.53	0.21	5.42	52.10	0.58
1.9	0.65	0.38	5.75	53.76	0.65
2.0	0.78	0.54	6.08	55.41	0.71
2.1	0.78	0.71	6.41	57.07	0.76
2.2	0.86	0.87	6.75	58.73	0.81
2.3	0.86	1.04	7.08	60.38	0.85
2.4	0.90	1.20	7.41	62.04	0.89
2.5	0.94	1.37	7.74	63.70	0.91
2.6	0.94	1.54	8.07	65.36	0.94
2.7	0.96	1.70	8.40	67.01	0.96
2.8	0.96	1.87	8.73	68.67	0.97
2.9	0.97	2.03	9.00	70.33	0.98
3.0	1.00	2.20	9.00	71.99	0.99

## $\$acceptance 13\_mean$

score	perc_rank	Z	stanine	Τ	perc_normal
0.0	0.01	-2.96	1.00	20.4	0.00
0.1	0.01	-2.79	1.00	22.1	0.00
0.2	0.02	-2.62	1.00	23.8	0.00
0.3	0.03	-2.45	1.00	25.5	0.01
0.4	0.03	-2.28	1.00	27.2	0.01
0.5	0.03	-2.11	1.00	28.9	0.02
0.6	0.04	-1.94	1.12	30.6	0.03
0.7	0.04	-1.77	1.46	32.3	0.04
0.8	0.05	-1.60	1.80	34.0	0.05
0.9	0.06	-1.43	2.14	35.7	0.08
1.0	0.12	-1.26	2.48	37.4	0.10
1.1	0.12	-1.09	2.82	39.1	0.14
1.2	0.15	-0.92	3.16	40.8	0.18
1.3	0.22	-0.75	3.50	42.5	0.23
1.4	0.22	-0.58	3.84	44.2	0.28
1.5	0.31	-0.41	4.18	45.9	0.34
1.6	0.41	-0.24	4.52	47.6	0.41
1.7	0.41	-0.07	4.86	49.3	0.47
1.8	0.51	0.10	5.20	51.0	0.54
1.9	0.62	0.27	5.54	52.7	0.61
2.0	0.76	0.44	5.88	54.4	0.67
2.1	0.76	0.61	6.22	56.1	0.73
2.2	0.82	0.78	6.56	57.8	0.78
2.3	0.86	0.95	6.90	59.5	0.83
2.4	0.86	1.12	7.24	61.2	0.87
2.5	0.90	1.29	7.58	62.9	0.90
2.6	0.94	1.46	7.92	64.6	0.93
2.7	0.94	1.63	8.26	66.3	0.95
2.8	0.96	1.80	8.60	68.0	0.96
2.9	0.97	1.97	8.94	69.7	0.98
3.0	1.00	2.14	9.00	71.4	0.98

 $fmi14\_mean$ 

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.00	-3.33	1.00	16.67	0.00
0.1	0.00	-3.14	1.00	18.61	0.00
0.2	0.00	-2.94	1.00	20.56	0.00
0.3	0.01	-2.75	1.00	22.50	0.00
0.4	0.02	-2.55	1.00	24.45	0.01
0.5	0.02	-2.36	1.00	26.40	0.01
0.6	0.03	-2.17	1.00	28.34	0.02
0.7	0.03	-1.97	1.06	30.29	0.02
0.8	0.05	-1.78	1.45	32.23	0.04
0.9	0.05	-1.58	1.84	34.18	0.06
1.0	0.08	-1.39	2.23	36.13	0.08
1.1	0.12	-1.19	2.61	38.07	0.12
1.2	0.15	-1.00	3.00	40.02	0.16
1.3	0.19	-0.80	3.39	41.96	0.21
1.4	0.23	-0.61	3.78	43.91	0.27
1.5	0.33	-0.41	4.17	45.86	0.34
1.6	0.39	-0.22	4.56	47.80	0.41
1.7	0.46	-0.03	4.95	49.75	0.49
1.8	0.59	0.17	5.34	51.69	0.57
1.9	0.65	0.36	5.73	53.64	0.64
2.0	0.77	0.56	6.12	55.58	0.71
2.1	0.81	0.75	6.51	57.53	0.77
2.2	0.84	0.95	6.90	59.48	0.83
2.3	0.90	1.14	7.28	61.42	0.87
2.4	0.91	1.34	7.67	63.37	0.91
2.5	0.94	1.53	8.06	65.31	0.94
2.6	0.96	1.73	8.45	67.26	0.96
2.7	0.96	1.92	8.84	69.21	0.97
2.8	0.98	2.12	9.00	71.15	0.98
2.9	0.98	2.31	9.00	73.10	0.99
3.0	1.00	2.50	9.00	75.04	0.99

Group: female  $fmi13_mean$ 

score	perc_rank	$\mathbf{z}$	stanine	Τ	perc_normal
0.0	0.00	-3.39	1.00	16.10	0.00
0.1	0.00	-3.19	1.00	18.08	0.00
0.2	0.00	-2.99	1.00	20.06	0.00
0.3	0.00	-2.80	1.00	22.03	0.00
0.4	0.00	-2.60	1.00	24.01	0.00
0.5	0.01	-2.40	1.00	25.99	0.01
0.6	0.01	-2.20	1.00	27.96	0.01
0.7	0.02	-2.01	1.00	29.94	0.02
0.8	0.04	-1.81	1.38	31.92	0.04
0.9	0.06	-1.61	1.78	33.89	0.05
1.0	0.10	-1.41	2.17	35.87	0.08
1.1	0.13	-1.22	2.57	37.85	0.11
1.2	0.15	-1.02	2.97	39.83	0.15
1.3	0.23	-0.82	3.36	41.80	0.21

perc_normal	${ m T}$	stanine	$\mathbf{z}$	perc_rank	score
0.27	43.78	3.76	-0.62	0.28	1.4
0.34	45.76	4.15	-0.42	0.35	1.5
0.41	47.73	4.55	-0.23	0.40	1.6
0.49	49.71	4.94	-0.03	0.44	1.7
0.57	51.69	5.34	0.17	0.57	1.8
0.64	53.66	5.73	0.37	0.62	1.9
0.71	55.64	6.13	0.56	0.75	2.0
0.78	57.62	6.52	0.76	0.79	2.1
0.83	59.59	6.92	0.96	0.83	2.2
0.88	61.57	7.31	1.16	0.88	2.3
0.91	63.55	7.71	1.35	0.90	2.4
0.94	65.52	8.10	1.55	0.95	2.5
0.96	67.50	8.50	1.75	0.97	2.6
0.97	69.48	8.90	1.95	0.97	2.7
0.98	71.45	9.00	2.15	1.00	2.8
0.99	73.43	9.00	2.34	1.00	2.9
0.99	75.41	9.00	2.54	1.00	3.0

### ${\tt \$presence\_mean}$

score	perc_rank	${f z}$	stanine	${ m T}$	perc_normal
0.0	0.00	-2.95	1.00	20.46	0.00
0.1	0.00	-2.78	1.00	22.18	0.00
0.2	0.01	-2.61	1.00	23.89	0.00
0.3	0.01	-2.44	1.00	25.61	0.01
0.4	0.01	-2.27	1.00	27.32	0.01
0.5	0.03	-2.10	1.00	29.04	0.02
0.6	0.03	-1.92	1.15	30.75	0.03
0.7	0.06	-1.75	1.49	32.47	0.04
0.8	0.06	-1.58	1.84	34.19	0.06
0.9	0.09	-1.41	2.18	35.90	0.08
1.0	0.14	-1.24	2.52	37.62	0.11
1.1	0.14	-1.07	2.87	39.33	0.14
1.2	0.20	-0.90	3.21	41.05	0.19
1.3	0.20	-0.72	3.55	42.77	0.23
1.4	0.29	-0.55	3.90	44.48	0.29
1.5	0.39	-0.38	4.24	46.20	0.35
1.6	0.39	-0.21	4.58	47.91	0.42
1.7	0.50	-0.04	4.93	49.63	0.49
1.8	0.50	0.13	5.27	51.34	0.55
1.9	0.63	0.31	5.61	53.06	0.62
2.0	0.76	0.48	5.96	54.78	0.68
2.1	0.76	0.65	6.30	56.49	0.74
2.2	0.82	0.82	6.64	58.21	0.79
2.3	0.82	0.99	6.98	59.92	0.84
2.4	0.88	1.16	7.33	61.64	0.88
2.5	0.93	1.34	7.67	63.35	0.91
2.6	0.93	1.51	8.01	65.07	0.93
2.7	0.95	1.68	8.36	66.79	0.95
2.8	0.95	1.85	8.70	68.50	0.97
2.9	0.98	2.02	9.00	70.22	0.98

score	perc_rank	Z	stanine	Τ	perc_normal
3.0	1.00	2.19	9.00	71.93	0.99

## $\$acceptance 13\_mean$

score	perc_rank	Z	stanine	T	perc_normal
0.0	0.00	-3.02	1.00	19.77	0.00
0.1	0.00	-2.85	1.00	21.52	0.00
0.2	0.00	-2.67	1.00	23.27	0.00
0.3	0.01	-2.50	1.00	25.02	0.01
0.4	0.01	-2.32	1.00	26.77	0.01
0.5	0.02	-2.15	1.00	28.53	0.02
0.6	0.03	-1.97	1.06	30.28	0.02
0.7	0.03	-1.80	1.41	32.03	0.04
0.8	0.05	-1.62	1.76	33.78	0.05
0.9	0.09	-1.45	2.11	35.53	0.07
1.0	0.14	-1.27	2.46	37.28	0.10
1.1	0.14	-1.10	2.81	39.03	0.14
1.2	0.18	-0.92	3.16	40.78	0.18
1.3	0.26	-0.75	3.51	42.53	0.23
1.4	0.26	-0.57	3.86	44.28	0.28
1.5	0.34	-0.40	4.21	46.03	0.35
1.6	0.42	-0.22	4.56	47.78	0.41
1.7	0.42	-0.05	4.91	49.53	0.48
1.8	0.51	0.13	5.26	51.28	0.55
1.9	0.63	0.30	5.61	53.03	0.62
2.0	0.75	0.48	5.96	54.78	0.68
2.1	0.75	0.65	6.31	56.53	0.74
2.2	0.83	0.83	6.66	58.28	0.80
2.3	0.87	1.00	7.01	60.03	0.84
2.4	0.87	1.18	7.36	61.79	0.88
2.5	0.90	1.35	7.71	63.54	0.91
2.6	0.93	1.53	8.06	65.29	0.94
2.7	0.93	1.70	8.41	67.04	0.96
2.8	0.97	1.88	8.76	68.79	0.97
2.9	0.98	2.05	9.00	70.54	0.98
3.0	1.00	2.23	9.00	72.29	0.99

## $fmi14\_mean$

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.00	-3.39	1.00	16.10	0.00
0.1	0.00	-3.19	1.00	18.08	0.00
0.2	0.00	-2.99	1.00	20.06	0.00
0.3	0.00	-2.80	1.00	22.03	0.00
0.4	0.00	-2.60	1.00	24.01	0.00
0.5	0.01	-2.40	1.00	25.99	0.01
0.6	0.01	-2.20	1.00	27.96	0.01
0.7	0.02	-2.01	1.00	29.94	0.02
0.8	0.04	-1.81	1.38	31.92	0.04

score	perc_rank	$\mathbf{z}$	stanine	${ m T}$	perc_normal
0.9	0.06	-1.61	1.78	33.89	0.05
1.0	0.10	-1.41	2.17	35.87	0.08
1.1	0.13	-1.22	2.57	37.85	0.11
1.2	0.15	-1.02	2.97	39.83	0.15
1.3	0.23	-0.82	3.36	41.80	0.21
1.4	0.28	-0.62	3.76	43.78	0.27
1.5	0.35	-0.42	4.15	45.76	0.34
1.6	0.40	-0.23	4.55	47.73	0.41
1.7	0.44	-0.03	4.94	49.71	0.49
1.8	0.57	0.17	5.34	51.69	0.57
1.9	0.62	0.37	5.73	53.66	0.64
2.0	0.75	0.56	6.13	55.64	0.71
2.1	0.79	0.76	6.52	57.62	0.78
2.2	0.83	0.96	6.92	59.59	0.83
2.3	0.88	1.16	7.31	61.57	0.88
2.4	0.90	1.35	7.71	63.55	0.91
2.5	0.95	1.55	8.10	65.52	0.94
2.6	0.97	1.75	8.50	67.50	0.96
2.7	0.97	1.95	8.90	69.48	0.97
2.8	1.00	2.15	9.00	71.45	0.98
2.9	1.00	2.34	9.00	73.43	0.99
3.0	1.00	2.54	9.00	75.41	0.99

Group: other  $fmi13_mean$ 

0.0         0.0         -7.42         1.00         -24.25           0.1         0.0         -6.93         1.00         -19.30           0.2         0.0         -6.43         1.00         -14.35           0.3         0.0         -5.94         1.00         -9.40           0.4         0.0         -5.44         1.00         -4.45           0.5         0.0         -4.95         1.00         0.50           0.6         0.0         -4.45         1.00         5.45           0.7         0.0         -3.96         1.00         10.40           0.8         0.0         -3.46         1.00         15.35           0.9         0.0         -2.97         1.00         20.30           1.0         0.0         -2.47         1.00         25.25           1.1         0.0         -1.98         1.04         30.20           1.2         0.0         -1.48         2.03         35.15           1.3         0.0         -0.99         3.02         40.10           1.4         0.5         -0.49         4.01         45.05           1.5         0.5         0.00         5.00         5	perc_normal	Т	stanine	Z	perc_rank	score
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.00	-24.25	1.00	-7.42	0.0	0.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.00	-19.30	1.00	-6.93	0.0	0.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.00	-14.35	1.00	-6.43	0.0	0.2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.00	-9.40	1.00	-5.94	0.0	0.3
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.00	-4.45	1.00	-5.44	0.0	0.4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.00	0.50	1.00	-4.95	0.0	0.5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.00	5.45	1.00	-4.45	0.0	0.6
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.00	10.40	1.00	-3.96	0.0	0.7
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.00	15.35	1.00	-3.46	0.0	0.8
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.00	20.30	1.00	-2.97	0.0	0.9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.01	25.25	1.00	-2.47	0.0	1.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.02	30.20	1.04	-1.98	0.0	1.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.07	35.15	2.03	-1.48	0.0	1.2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.16	40.10	3.02	-0.99	0.0	1.3
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.31	45.05	4.01	-0.49	0.5	1.4
1.7     1.0     0.99     6.98     59.90       1.8     1.0     1.48     7.97     64.85       1.9     1.0     1.98     8.96     69.80       2.0     1.0     2.47     9.00     74.75       2.1     1.0     2.97     9.00     79.70       2.2     1.0     3.46     9.00     84.65       2.3     1.0     3.96     9.00     89.60	0.50	50.00	5.00	0.00	0.5	1.5
1.8     1.0     1.48     7.97     64.85       1.9     1.0     1.98     8.96     69.80       2.0     1.0     2.47     9.00     74.75       2.1     1.0     2.97     9.00     79.70       2.2     1.0     3.46     9.00     84.65       2.3     1.0     3.96     9.00     89.60	0.69	54.95	5.99	0.49	0.5	1.6
1.9     1.0     1.98     8.96     69.80       2.0     1.0     2.47     9.00     74.75       2.1     1.0     2.97     9.00     79.70       2.2     1.0     3.46     9.00     84.65       2.3     1.0     3.96     9.00     89.60	0.84	59.90	6.98	0.99	1.0	1.7
2.0     1.0     2.47     9.00     74.75       2.1     1.0     2.97     9.00     79.70       2.2     1.0     3.46     9.00     84.65       2.3     1.0     3.96     9.00     89.60	0.93	64.85	7.97	1.48	1.0	1.8
2.1     1.0     2.97     9.00     79.70       2.2     1.0     3.46     9.00     84.65       2.3     1.0     3.96     9.00     89.60	0.98	69.80	8.96	1.98	1.0	1.9
2.2 1.0 3.46 9.00 84.65 2.3 1.0 3.96 9.00 89.60	0.99	74.75	9.00	2.47	1.0	2.0
2.3   1.0   3.96   9.00   89.60	1.00	79.70	9.00	2.97	1.0	2.1
	1.00	84.65	9.00	3.46	1.0	2.2
	1.00	89.60	9.00	3.96	1.0	2.3
2.4   1.0   4.45   9.00   94.55	1.00	94.55	9.00	4.45	1.0	2.4

score	perc_rank	Z	stanine	Т	perc_normal
2.5	1.0	4.95	9.00	99.50	1.00
2.6	1.0	5.44	9.00	104.45	1.00
2.7	1.0	5.94	9.00	109.40	1.00
2.8	1.0	6.43	9.00	114.35	1.00
2.9	1.0	6.93	9.00	119.30	1.00
3.0	1.0	7.42	9.00	124.25	1.00

## ${\tt \$presence\_mean}$

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0	-Inf	1	-Inf	0
0.1	0	-Inf	1	-Inf	0
0.2	0	-Inf	1	-Inf	0
0.3	0	-Inf	1	-Inf	0
0.4	0	-Inf	1	-Inf	0
0.5	0	-Inf	1	-Inf	0
0.6	0	-Inf	1	-Inf	0
0.7	0	-Inf	1	-Inf	0
0.8	0	-Inf	1	-Inf	0
0.9	0	-Inf	1	-Inf	0
1.0	0	-Inf	1	-Inf	0
1.1	0	-Inf	1	-Inf	0
1.2	0	-Inf	1	-Inf	0
1.3	0	-Inf	1	-Inf	0
1.4	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
1.5	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
1.6	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
1.7	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
1.8	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
1.9	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
2.0	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
2.1	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
2.2	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
2.3	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
2.4	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
2.5	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
2.6	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
2.7	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
2.8	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
2.9	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1
3.0	1	$\operatorname{Inf}$	9	$\operatorname{Inf}$	1

## $\$acceptance 13\_mean$

score	$\mathrm{perc}\_\mathrm{rank}$	${f z}$	stanine	${ m T}$	$perc\_normal$
0.0	0.0	-3.54	1.00	14.64	0.00
0.1	0.0	-3.34	1.00	16.62	0.00
0.2	0.0	-3.14	1.00	18.60	0.00
0.3	0.0	-2.94	1.00	20.58	0.00

score	perc_rank	$\mathbf{z}$	stanine	Т	perc_normal
0.4	0.0	-2.74	1.00	22.56	0.00
0.5	0.0	-2.55	1.00	24.54	0.01
0.6	0.0	-2.35	1.00	26.52	0.01
0.7	0.0	-2.15	1.00	28.50	0.02
0.8	0.0	-1.95	1.10	30.48	0.03
0.9	0.0	-1.75	1.49	32.46	0.04
1.0	0.0	-1.56	1.89	34.44	0.06
1.1	0.0	-1.36	2.28	36.42	0.09
1.2	0.0	-1.16	2.68	38.40	0.12
1.3	0.0	-0.96	3.08	40.38	0.17
1.4	0.0	-0.76	3.47	42.36	0.22
1.5	0.5	-0.57	3.87	44.34	0.29
1.6	0.5	-0.37	4.26	46.32	0.36
1.7	0.5	-0.17	4.66	48.30	0.43
1.8	0.5	0.03	5.06	50.28	0.51
1.9	0.5	0.23	5.45	52.26	0.59
2.0	0.5	0.42	5.85	54.24	0.66
2.1	0.5	0.62	6.24	56.22	0.73
2.2	1.0	0.82	6.64	58.20	0.79
2.3	1.0	1.02	7.04	60.18	0.85
2.4	1.0	1.22	7.43	62.16	0.89
2.5	1.0	1.41	7.83	64.14	0.92
2.6	1.0	1.61	8.22	66.12	0.95
2.7	1.0	1.81	8.62	68.10	0.96
2.8	1.0	2.01	9.00	70.08	0.98
2.9	1.0	2.21	9.00	72.06	0.99
3.0	1.0	2.40	9.00	74.04	0.99

 $fmi14\_mean$ 

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.0	-7.42	1.00	-24.25	0.00
0.1	0.0	-6.93	1.00	-19.30	0.00
0.2	0.0	-6.43	1.00	-14.35	0.00
0.3	0.0	-5.94	1.00	-9.40	0.00
0.4	0.0	-5.44	1.00	-4.45	0.00
0.5	0.0	-4.95	1.00	0.50	0.00
0.6	0.0	-4.45	1.00	5.45	0.00
0.7	0.0	-3.96	1.00	10.40	0.00
0.8	0.0	-3.46	1.00	15.35	0.00
0.9	0.0	-2.97	1.00	20.30	0.00
1.0	0.0	-2.47	1.00	25.25	0.01
1.1	0.0	-1.98	1.04	30.20	0.02
1.2	0.0	-1.48	2.03	35.15	0.07
1.3	0.0	-0.99	3.02	40.10	0.16
1.4	0.5	-0.49	4.01	45.05	0.31
1.5	0.5	0.00	5.00	50.00	0.50
1.6	0.5	0.49	5.99	54.95	0.69
1.7	1.0	0.99	6.98	59.90	0.84
1.8	1.0	1.48	7.97	64.85	0.93
1.9	1.0	1.98	8.96	69.80	0.98

score	$perc\_rank$	$\mathbf{z}$	stanine	${ m T}$	$perc\_normal$
2.0	1.0	2.47	9.00	74.75	0.99
2.1	1.0	2.97	9.00	79.70	1.00
2.2	1.0	3.46	9.00	84.65	1.00
2.3	1.0	3.96	9.00	89.60	1.00
2.4	1.0	4.45	9.00	94.55	1.00
2.5	1.0	4.95	9.00	99.50	1.00
2.6	1.0	5.44	9.00	104.45	1.00
2.7	1.0	5.94	9.00	109.40	1.00
2.8	1.0	6.43	9.00	114.35	1.00
2.9	1.0	6.93	9.00	119.30	1.00
3.0	1.0	7.42	9.00	124.25	1.00

## 7.2 Split by continuous mindfulness training

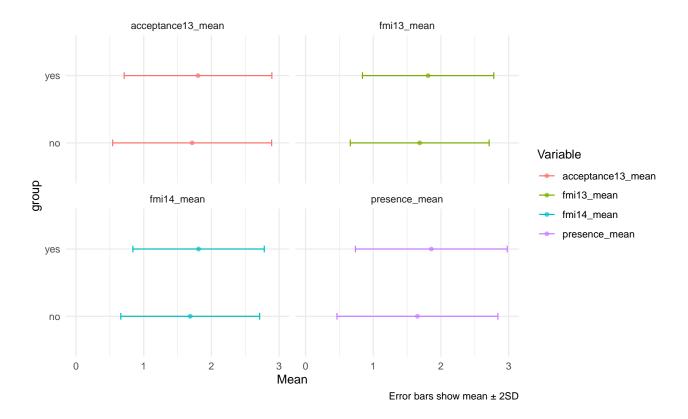
### 7.2.1 Stats

Table 24: Achts\_regel=no

Variable	Mean	Mean_0	)1 SD	Range	Quartiles	Skewness	Kurtosis	n	n_Missing
acceptance13_	mean72	0.57	0.59	(0.00, 3.00)	1.29, 2.00	-0.21	0.18	792	0
$fmi13\_mean$	1.69	0.56	0.51	(0.21, 3.00)	1.36, 2.00	-0.16	0.05	792	0
$fmi14\_mean$	1.69	0.56	0.51	(0.21, 3.00)	1.36, 2.00	-0.16	0.05	792	0
presence_mean	n 1.65	0.55	0.59	(0.00, 3.00)	1.33, 2.00	-0.23	0.13	792	0

 ${\bf Table~25:~Achts\_regel\!=\!yes}$ 

Variable	Mean	Mean_0	)1 SD	Range	Quartiles	Skewness	Kurtosis	n	n_Missing
acceptance13_	mean80	0.60	0.55	(0.00, 3.00)	1.43, 2.14	-0.19	0.64	220	0
$fmi13\_mean$	1.81	0.60	0.49	(0.21, 3.00)	1.50,  2.07	-0.02	0.52	220	0
$fmi14\_mean$	1.81	0.60	0.49	(0.21, 3.00)	1.50, 2.07	-0.02	0.52	220	0
presence_mea	n 1.86	0.62	0.56	(0.00, 3.00)	1.50, 2.17	-0.20	0.45	220	0



### **7.2.2** Norms

Group: no \$fmi13\_mean

score	perc_rank	${f z}$	stanine	Τ	perc_normal
0.0	0.00	-3.29	1.00	17.11	0.00
0.1	0.00	-3.09	1.00	19.06	0.00
0.2	0.00	-2.90	1.00	21.01	0.00
0.3	0.01	-2.70	1.00	22.96	0.00
0.4	0.01	-2.51	1.00	24.91	0.01
0.5	0.02	-2.31	1.00	26.86	0.01
0.6	0.03	-2.12	1.00	28.81	0.02
0.7	0.03	-1.92	1.15	30.76	0.03
0.8	0.05	-1.73	1.54	32.71	0.04
0.9	0.06	-1.53	1.93	34.66	0.06
1.0	0.10	-1.34	2.32	36.61	0.09
1.1	0.13	-1.14	2.71	38.56	0.13

score	perc_rank	Z	stanine	Τ	perc_normal
1.2	0.17	-0.95	3.10	40.51	0.17
1.3	0.23	-0.75	3.49	42.46	0.23
1.4	0.27	-0.56	3.88	44.41	0.29
1.5	0.36	-0.36	4.27	46.36	0.36
1.6	0.42	-0.17	4.66	48.31	0.43
1.7	0.48	0.03	5.05	50.26	0.51
1.8	0.60	0.22	5.44	52.21	0.59
1.9	0.65	0.42	5.83	54.16	0.66
2.0	0.78	0.61	6.22	56.11	0.73
2.1	0.81	0.81	6.61	58.06	0.79
2.2	0.84	1.00	7.00	60.01	0.84
2.3	0.90	1.20	7.39	61.97	0.88
2.4	0.91	1.39	7.78	63.92	0.92
2.5	0.95	1.59	8.17	65.87	0.94
2.6	0.97	1.78	8.56	67.82	0.96
2.7	0.97	1.98	8.95	69.77	0.98
2.8	0.99	2.17	9.00	71.72	0.99
2.9	0.99	2.37	9.00	73.67	0.99
3.0	1.00	2.56	9.00	75.62	0.99

## ${\tt \$presence\_mean}$

score	perc_rank	$\mathbf{z}$	stanine	Т	perc_normal
0.0	0.01	-2.78	1.00	22.18	0.00
0.1	0.01	-2.61	1.00	23.87	0.00
0.2	0.02	-2.44	1.00	25.55	0.01
0.3	0.02	-2.28	1.00	27.23	0.01
0.4	0.03	-2.11	1.00	28.92	0.02
0.5	0.05	-1.94	1.12	30.60	0.03
0.6	0.05	-1.77	1.46	32.28	0.04
0.7	0.07	-1.60	1.79	33.97	0.05
0.8	0.07	-1.44	2.13	35.65	0.08
0.9	0.10	-1.27	2.47	37.33	0.10
1.0	0.16	-1.10	2.80	39.02	0.14
1.1	0.16	-0.93	3.14	40.70	0.18
1.2	0.23	-0.76	3.48	42.38	0.22
1.3	0.23	-0.59	3.81	44.07	0.28
1.4	0.32	-0.43	4.15	45.75	0.34
1.5	0.43	-0.26	4.49	47.43	0.40
1.6	0.43	-0.09	4.82	49.12	0.46
1.7	0.55	0.08	5.16	50.80	0.53
1.8	0.55	0.25	5.50	52.48	0.60
1.9	0.67	0.42	5.83	54.16	0.66
2.0	0.79	0.58	6.17	55.85	0.72
2.1	0.79	0.75	6.51	57.53	0.77
2.2	0.85	0.92	6.84	59.21	0.82
2.3	0.85	1.09	7.18	60.90	0.86
2.4	0.90	1.26	7.52	62.58	0.90
2.5	0.94	1.43	7.85	64.26	0.92
2.6	0.94	1.59	8.19	65.95	0.94
2.7	0.97	1.76	8.53	67.63	0.96

score	perc_rank	Z	stanine	Т	perc_normal
2.8	0.97	1.93	8.86	69.31	0.97
2.9	0.98	2.10	9.00	71.00	0.98
3.0	1.00	2.27	9.00	72.68	0.99

## $\$acceptance 13\_mean$

0.0         0.01         -2.92         1.00         20.78           0.1         0.01         -2.75         1.00         22.49           0.2         0.01         -2.58         1.00         24.19           0.3         0.02         -2.41         1.00         25.89           0.4         0.02         -2.24         1.00         27.60           0.5         0.03         -2.07         1.00         29.30           0.6         0.04         -1.90         1.20         31.00           0.7         0.04         -1.73         1.54         32.71           0.8         0.06         -1.56         1.88         34.41           0.9         0.09         -1.39         2.22         36.12           1.0         0.14         -1.22         2.56         37.82           1.1         0.14         -1.22         2.56         37.82           1.2         0.18         -0.88         3.25         41.23           1.3         0.26         -0.71         3.59         42.93           1.4         0.26         -0.54         3.93         44.63           1.5         0.34         -0.37         4.27 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>						
0.1       0.01       -2.75       1.00       22.49         0.2       0.01       -2.58       1.00       24.19         0.3       0.02       -2.41       1.00       25.89         0.4       0.02       -2.24       1.00       27.60         0.5       0.03       -2.07       1.00       29.30         0.6       0.04       -1.90       1.20       31.00         0.7       0.04       -1.73       1.54       32.71         0.8       0.06       -1.56       1.88       34.41         0.9       0.09       -1.39       2.22       36.12         1.0       0.14       -1.22       2.56       37.82         1.1       0.14       -1.05       2.90       39.52         1.2       0.18       -0.88       3.25       41.23         1.3       0.26       -0.71       3.59       42.93         1.4       0.26       -0.54       3.93       44.63         1.5       0.34       -0.37       4.27       46.34         1.6       0.43       -0.20       4.61       48.04         1.7       0.43       -0.03       4.95       49.74	score	$perc\_rank$	$\mathbf{z}$	stanine	${ m T}$	$perc\_normal$
0.2       0.01       -2.58       1.00       24.19         0.3       0.02       -2.41       1.00       25.89         0.4       0.02       -2.24       1.00       27.60         0.5       0.03       -2.07       1.00       29.30         0.6       0.04       -1.90       1.20       31.00         0.7       0.04       -1.73       1.54       32.71         0.8       0.06       -1.56       1.88       34.41         0.9       0.09       -1.39       2.22       36.12         1.0       0.14       -1.22       2.56       37.82         1.1       0.14       -1.05       2.90       39.52         1.2       0.18       -0.88       3.25       41.23         1.3       0.26       -0.71       3.59       42.93         1.4       0.26       -0.54       3.93       44.63         1.5       0.34       -0.37       4.27       46.34         1.6       0.43       -0.20       4.61       48.04         1.7       0.43       -0.03       4.95       49.74         1.8       0.53       0.14       5.29       51.45     <	0.0	0.01	-2.92	1.00	20.78	0.00
0.3       0.02       -2.41       1.00       25.89         0.4       0.02       -2.24       1.00       27.60         0.5       0.03       -2.07       1.00       29.30         0.6       0.04       -1.90       1.20       31.00         0.7       0.04       -1.73       1.54       32.71         0.8       0.06       -1.56       1.88       34.41         0.9       0.09       -1.39       2.22       36.12         1.0       0.14       -1.22       2.56       37.82         1.1       0.14       -1.05       2.90       39.52         1.2       0.18       -0.88       3.25       41.23         1.3       0.26       -0.71       3.59       42.93         1.4       0.26       -0.54       3.93       44.63         1.5       0.34       -0.37       4.27       46.34         1.6       0.43       -0.20       4.61       48.04         1.7       0.43       -0.03       4.95       49.74         1.8       0.53       0.14       5.29       51.45         1.9       0.64       0.32       5.63       53.15 </td <td>0.1</td> <td>0.01</td> <td>-2.75</td> <td>1.00</td> <td>22.49</td> <td>0.00</td>	0.1	0.01	-2.75	1.00	22.49	0.00
0.4       0.02       -2.24       1.00       27.60         0.5       0.03       -2.07       1.00       29.30         0.6       0.04       -1.90       1.20       31.00         0.7       0.04       -1.73       1.54       32.71         0.8       0.06       -1.56       1.88       34.41         0.9       0.09       -1.39       2.22       36.12         1.0       0.14       -1.22       2.56       37.82         1.1       0.14       -1.05       2.90       39.52         1.2       0.18       -0.88       3.25       41.23         1.3       0.26       -0.71       3.59       42.93         1.4       0.26       -0.54       3.93       44.63         1.5       0.34       -0.37       4.27       46.34         1.6       0.43       -0.20       4.61       48.04         1.7       0.43       -0.03       4.95       49.74         1.8       0.53       0.14       5.29       51.45         1.9       0.64       0.32       5.63       53.15         2.0       0.76       0.49       5.97       54.86 <td>0.2</td> <td>0.01</td> <td>-2.58</td> <td>1.00</td> <td>24.19</td> <td>0.00</td>	0.2	0.01	-2.58	1.00	24.19	0.00
0.5       0.03       -2.07       1.00       29.30         0.6       0.04       -1.90       1.20       31.00         0.7       0.04       -1.73       1.54       32.71         0.8       0.06       -1.56       1.88       34.41         0.9       0.09       -1.39       2.22       36.12         1.0       0.14       -1.22       2.56       37.82         1.1       0.14       -1.05       2.90       39.52         1.1       0.14       -1.05       2.90       39.52         1.2       0.18       -0.88       3.25       41.23         1.3       0.26       -0.71       3.59       42.93         1.4       0.26       -0.54       3.93       44.63         1.5       0.34       -0.37       4.27       46.34         1.6       0.43       -0.20       4.61       48.04         1.7       0.43       -0.03       4.95       49.74         1.8       0.53       0.14       5.29       51.45         1.9       0.64       0.32       5.63       53.15         2.0       0.76       0.49       5.97       54.86 <td>0.3</td> <td>0.02</td> <td>-2.41</td> <td>1.00</td> <td>25.89</td> <td>0.01</td>	0.3	0.02	-2.41	1.00	25.89	0.01
0.6       0.04       -1.90       1.20       31.00         0.7       0.04       -1.73       1.54       32.71         0.8       0.06       -1.56       1.88       34.41         0.9       0.09       -1.39       2.22       36.12         1.0       0.14       -1.22       2.56       37.82         1.1       0.14       -1.05       2.90       39.52         1.2       0.18       -0.88       3.25       41.23         1.3       0.26       -0.71       3.59       42.93         1.4       0.26       -0.54       3.93       44.63         1.5       0.34       -0.37       4.27       46.34         1.6       0.43       -0.20       4.61       48.04         1.7       0.43       -0.03       4.95       49.74         1.8       0.53       0.14       5.29       51.45         1.9       0.64       0.32       5.63       53.15         2.0       0.76       0.49       5.97       54.86         2.1       0.76       0.66       6.31       56.56         2.2       0.82       0.83       6.65       58.26	0.4	0.02	-2.24	1.00	27.60	0.01
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.5	0.03	-2.07	1.00	29.30	0.02
0.8       0.06       -1.56       1.88       34.41         0.9       0.09       -1.39       2.22       36.12         1.0       0.14       -1.22       2.56       37.82         1.1       0.14       -1.05       2.90       39.52         1.2       0.18       -0.88       3.25       41.23         1.3       0.26       -0.71       3.59       42.93         1.4       0.26       -0.54       3.93       44.63         1.5       0.34       -0.37       4.27       46.34         1.6       0.43       -0.20       4.61       48.04         1.7       0.43       -0.03       4.95       49.74         1.8       0.53       0.14       5.29       51.45         1.9       0.64       0.32       5.63       53.15         2.0       0.76       0.49       5.97       54.86         2.1       0.76       0.66       6.31       56.56         2.2       0.82       0.83       6.65       58.26         2.3       0.87       1.00       6.99       59.97         2.4       0.87       1.17       7.33       61.67	0.6	0.04	-1.90	1.20	31.00	0.03
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.7	0.04	-1.73	1.54	32.71	0.04
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.8	0.06	-1.56	1.88	34.41	0.06
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.9	0.09	-1.39	2.22	36.12	0.08
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1.0	0.14	-1.22	2.56	37.82	0.11
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1.1	0.14	-1.05	2.90	39.52	0.15
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1.2	0.18	-0.88	3.25	41.23	0.19
1.5       0.34       -0.37       4.27       46.34         1.6       0.43       -0.20       4.61       48.04         1.7       0.43       -0.03       4.95       49.74         1.8       0.53       0.14       5.29       51.45         1.9       0.64       0.32       5.63       53.15         2.0       0.76       0.49       5.97       54.86         2.1       0.76       0.66       6.31       56.56         2.2       0.82       0.83       6.65       58.26         2.3       0.87       1.00       6.99       59.97         2.4       0.87       1.17       7.33       61.67         2.5       0.90       1.34       7.67       63.37         2.6       0.94       1.51       8.02       65.08         2.7       0.94       1.68       8.36       66.78         2.8       0.96       1.85       8.70       68.48         2.9       0.98       2.02       9.00       70.19	1.3	0.26	-0.71	3.59	42.93	0.24
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1.4	0.26	-0.54	3.93	44.63	0.30
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1.5	0.34	-0.37	4.27	46.34	0.36
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1.6	0.43	-0.20	4.61	48.04	0.42
1.9     0.64     0.32     5.63     53.15       2.0     0.76     0.49     5.97     54.86       2.1     0.76     0.66     6.31     56.56       2.2     0.82     0.83     6.65     58.26       2.3     0.87     1.00     6.99     59.97       2.4     0.87     1.17     7.33     61.67       2.5     0.90     1.34     7.67     63.37       2.6     0.94     1.51     8.02     65.08       2.7     0.94     1.68     8.36     66.78       2.8     0.96     1.85     8.70     68.48       2.9     0.98     2.02     9.00     70.19	1.7	0.43	-0.03	4.95	49.74	0.49
2.0     0.76     0.49     5.97     54.86       2.1     0.76     0.66     6.31     56.56       2.2     0.82     0.83     6.65     58.26       2.3     0.87     1.00     6.99     59.97       2.4     0.87     1.17     7.33     61.67       2.5     0.90     1.34     7.67     63.37       2.6     0.94     1.51     8.02     65.08       2.7     0.94     1.68     8.36     66.78       2.8     0.96     1.85     8.70     68.48       2.9     0.98     2.02     9.00     70.19	1.8	0.53	0.14	5.29	51.45	0.56
2.1       0.76       0.66       6.31       56.56         2.2       0.82       0.83       6.65       58.26         2.3       0.87       1.00       6.99       59.97         2.4       0.87       1.17       7.33       61.67         2.5       0.90       1.34       7.67       63.37         2.6       0.94       1.51       8.02       65.08         2.7       0.94       1.68       8.36       66.78         2.8       0.96       1.85       8.70       68.48         2.9       0.98       2.02       9.00       70.19	1.9	0.64	0.32	5.63	53.15	0.62
2.2     0.82     0.83     6.65     58.26       2.3     0.87     1.00     6.99     59.97       2.4     0.87     1.17     7.33     61.67       2.5     0.90     1.34     7.67     63.37       2.6     0.94     1.51     8.02     65.08       2.7     0.94     1.68     8.36     66.78       2.8     0.96     1.85     8.70     68.48       2.9     0.98     2.02     9.00     70.19	2.0	0.76	0.49	5.97	54.86	0.69
2.3     0.87     1.00     6.99     59.97       2.4     0.87     1.17     7.33     61.67       2.5     0.90     1.34     7.67     63.37       2.6     0.94     1.51     8.02     65.08       2.7     0.94     1.68     8.36     66.78       2.8     0.96     1.85     8.70     68.48       2.9     0.98     2.02     9.00     70.19		0.76	0.66	6.31	56.56	0.74
2.4     0.87     1.17     7.33     61.67       2.5     0.90     1.34     7.67     63.37       2.6     0.94     1.51     8.02     65.08       2.7     0.94     1.68     8.36     66.78       2.8     0.96     1.85     8.70     68.48       2.9     0.98     2.02     9.00     70.19		0.82	0.83	6.65	58.26	0.80
2.5     0.90     1.34     7.67     63.37       2.6     0.94     1.51     8.02     65.08       2.7     0.94     1.68     8.36     66.78       2.8     0.96     1.85     8.70     68.48       2.9     0.98     2.02     9.00     70.19	2.3	0.87	1.00	6.99	59.97	0.84
2.6     0.94     1.51     8.02     65.08       2.7     0.94     1.68     8.36     66.78       2.8     0.96     1.85     8.70     68.48       2.9     0.98     2.02     9.00     70.19	2.4	0.87	1.17	7.33	61.67	0.88
2.7     0.94     1.68     8.36     66.78       2.8     0.96     1.85     8.70     68.48       2.9     0.98     2.02     9.00     70.19	2.5	0.90	1.34	7.67	63.37	0.91
2.8       0.96       1.85       8.70       68.48         2.9       0.98       2.02       9.00       70.19	2.6	0.94	1.51	8.02	65.08	0.93
2.9 0.98 2.02 9.00 70.19	2.7	0.94	1.68	8.36	66.78	0.95
	2.8	0.96	1.85	8.70	68.48	0.97
3.0   1.00   2.19   9.00   71.89		0.98	2.02	9.00	70.19	0.98
	3.0	1.00	2.19	9.00	71.89	0.99

## $fmi14\_mean$

score	perc_rank	Z	stanine	Τ	perc_normal
0.0	0.00	-3.29	1.00	17.11	0.00
0.1	0.00	-3.09	1.00	19.06	0.00
0.2	0.00	-2.90	1.00	21.01	0.00
0.3	0.01	-2.70	1.00	22.96	0.00
0.4	0.01	-2.51	1.00	24.91	0.01
0.5	0.02	-2.31	1.00	26.86	0.01
0.6	0.03	-2.12	1.00	28.81	0.02

score	perc_rank	Z	stanine	Т	perc_normal
0.7	0.03	-1.92	1.15	30.76	0.03
0.8	0.05	-1.73	1.54	32.71	0.04
0.9	0.06	-1.53	1.93	34.66	0.06
1.0	0.10	-1.34	2.32	36.61	0.09
1.1	0.13	-1.14	2.71	38.56	0.13
1.2	0.17	-0.95	3.10	40.51	0.17
1.3	0.23	-0.75	3.49	42.46	0.23
1.4	0.27	-0.56	3.88	44.41	0.29
1.5	0.36	-0.36	4.27	46.36	0.36
1.6	0.42	-0.17	4.66	48.31	0.43
1.7	0.48	0.03	5.05	50.26	0.51
1.8	0.60	0.22	5.44	52.21	0.59
1.9	0.65	0.42	5.83	54.16	0.66
2.0	0.78	0.61	6.22	56.11	0.73
2.1	0.81	0.81	6.61	58.06	0.79
2.2	0.84	1.00	7.00	60.01	0.84
2.3	0.90	1.20	7.39	61.97	0.88
2.4	0.91	1.39	7.78	63.92	0.92
2.5	0.95	1.59	8.17	65.87	0.94
2.6	0.97	1.78	8.56	67.82	0.96
2.7	0.97	1.98	8.95	69.77	0.98
2.8	0.99	2.17	9.00	71.72	0.99
2.9	0.99	2.37	9.00	73.67	0.99
3.0	1.00	2.56	9.00	75.62	0.99

Group: yes \$fmi13\_mean

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.00	-3.73	1.00	12.68	0.00
0.1	0.00	-3.53	1.00	14.74	0.00
0.2	0.00	-3.32	1.00	16.80	0.00
0.3	0.01	-3.11	1.00	18.86	0.00
0.4	0.01	-2.91	1.00	20.92	0.00
0.5	0.01	-2.70	1.00	22.99	0.00
0.6	0.01	-2.50	1.00	25.05	0.01
0.7	0.01	-2.29	1.00	27.11	0.01
0.8	0.02	-2.08	1.00	29.17	0.02
0.9	0.02	-1.88	1.25	31.23	0.03
1.0	0.06	-1.67	1.66	33.29	0.05
1.1	0.08	-1.46	2.07	35.35	0.07
1.2	0.09	-1.26	2.48	37.42	0.10
1.3	0.14	-1.05	2.90	39.48	0.15
1.4	0.19	-0.85	3.31	41.54	0.20
1.5	0.27	-0.64	3.72	43.60	0.26
1.6	0.32	-0.43	4.13	45.66	0.33
1.7	0.37	-0.23	4.54	47.72	0.41
1.8	0.51	-0.02	4.96	49.79	0.49
1.9	0.57	0.18	5.37	51.85	0.57
2.0	0.70	0.39	5.78	53.91	0.65
2.1	0.77	0.60	6.19	55.97	0.72
2.2	0.81	0.80	6.61	58.03	0.79

score	perc_rank	$\mathbf{z}$	stanine	Τ	perc_normal
2.3	0.87	1.01	7.02	60.09	0.84
2.4	0.90	1.22	7.43	62.16	0.89
2.5	0.92	1.42	7.84	64.22	0.92
2.6	0.94	1.63	8.26	66.28	0.95
2.7	0.95	1.83	8.67	68.34	0.97
2.8	0.97	2.04	9.00	70.40	0.98
2.9	0.98	2.25	9.00	72.46	0.99
3.0	1.00	2.45	9.00	74.52	0.99

## ${\tt \$presence\_mean}$

score	perc_rank	$\mathbf{z}$	stanine	Τ	perc_normal
0.0	0.01	-3.31	1.00	16.85	0.00
0.1	0.01	-3.14	1.00	18.64	0.00
0.2	0.01	-2.96	1.00	20.42	0.00
0.3	0.01	-2.78	1.00	22.20	0.00
0.4	0.01	-2.60	1.00	23.99	0.00
0.5	0.01	-2.42	1.00	25.77	0.01
0.6	0.01	-2.24	1.00	27.56	0.01
0.7	0.02	-2.07	1.00	29.34	0.02
0.8	0.02	-1.89	1.22	31.12	0.03
0.9	0.05	-1.71	1.58	32.91	0.04
1.0	0.09	-1.53	1.94	34.69	0.06
1.1	0.09	-1.35	2.29	36.47	0.09
1.2	0.12	-1.17	2.65	38.26	0.12
1.3	0.12	-1.00	3.01	40.04	0.16
1.4	0.20	-0.82	3.36	41.82	0.21
1.5	0.29	-0.64	3.72	43.61	0.26
1.6	0.29	-0.46	4.08	45.39	0.32
1.7	0.40	-0.28	4.44	47.18	0.39
1.8	0.40	-0.10	4.79	48.96	0.46
1.9	0.53	0.07	5.15	50.74	0.53
2.0	0.69	0.25	5.51	52.53	0.60
2.1	0.69	0.43	5.86	54.31	0.67
2.2	0.79	0.61	6.22	56.09	0.73
2.3	0.79	0.79	6.58	57.88	0.78
2.4	0.85	0.97	6.93	59.66	0.83
2.5	0.90	1.14	7.29	61.45	0.87
2.6	0.90	1.32	7.65	63.23	0.91
2.7	0.92	1.50	8.00	65.01	0.93
2.8	0.92	1.68	8.36	66.80	0.95
2.9	0.96	1.86	8.72	68.58	0.97
3.0	1.00	2.04	9.00	70.36	0.98

## \$acceptance13\_mean

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.00	-3.30	1.00	16.96	0.00
0.1	0.00	-3.12	1.00	18.80	0.00

score	$perc\_rank$	$\mathbf{z}$	stanine	${ m T}$	$perc\_normal$
0.2	0.01	-2.94	1.00	20.63	0.00
0.3	0.01	-2.75	1.00	22.46	0.00
0.4	0.01	-2.57	1.00	24.30	0.01
0.5	0.02	-2.39	1.00	26.13	0.01
0.6	0.02	-2.20	1.00	27.96	0.01
0.7	0.02	-2.02	1.00	29.80	0.02
0.8	0.03	-1.84	1.33	31.63	0.03
0.9	0.05	-1.65	1.69	33.46	0.05
1.0	0.09	-1.47	2.06	35.30	0.07
1.1	0.09	-1.29	2.43	37.13	0.10
1.2	0.12	-1.10	2.79	38.96	0.13
1.3	0.18	-0.92	3.16	40.80	0.18
1.4	0.18	-0.74	3.53	42.63	0.23
1.5	0.27	-0.55	3.89	44.46	0.29
1.6	0.38	-0.37	4.26	46.30	0.36
1.7	0.38	-0.19	4.63	48.13	0.43
1.8	0.45	0.00	4.99	49.96	0.50
1.9	0.59	0.18	5.36	51.80	0.57
2.0	0.73	0.36	5.73	53.63	0.64
2.1	0.73	0.55	6.09	55.46	0.71
2.2	0.83	0.73	6.46	57.30	0.77
2.3	0.86	0.91	6.83	59.13	0.82
2.4	0.86	1.10	7.19	60.97	0.86
2.5	0.90	1.28	7.56	62.80	0.90
2.6	0.92	1.46	7.93	64.63	0.93
2.7	0.92	1.65	8.29	66.47	0.95
2.8	0.95	1.83	8.66	68.30	0.97
2.9	0.97	2.01	9.00	70.13	0.98
3.0	1.00	2.20	9.00	71.97	0.99

 $fmi14\_mean$ 

score	perc_rank	$\mathbf{z}$	stanine	$\mathbf{T}$	perc_normal
0.0	0.00	-3.73	1.00	12.68	0.00
0.1	0.00	-3.53	1.00	14.74	0.00
0.2	0.00	-3.32	1.00	16.80	0.00
0.3	0.01	-3.11	1.00	18.86	0.00
0.4	0.01	-2.91	1.00	20.92	0.00
0.5	0.01	-2.70	1.00	22.99	0.00
0.6	0.01	-2.50	1.00	25.05	0.01
0.7	0.01	-2.29	1.00	27.11	0.01
0.8	0.02	-2.08	1.00	29.17	0.02
0.9	0.02	-1.88	1.25	31.23	0.03
1.0	0.06	-1.67	1.66	33.29	0.05
1.1	0.08	-1.46	2.07	35.35	0.07
1.2	0.09	-1.26	2.48	37.42	0.10
1.3	0.14	-1.05	2.90	39.48	0.15
1.4	0.19	-0.85	3.31	41.54	0.20
1.5	0.27	-0.64	3.72	43.60	0.26
1.6	0.32	-0.43	4.13	45.66	0.33
1.7	0.37	-0.23	4.54	47.72	0.41

score	$perc\_rank$	$\mathbf{z}$	stanine	Τ	$perc\_normal$
1.8	0.51	-0.02	4.96	49.79	0.49
1.9	0.57	0.18	5.37	51.85	0.57
2.0	0.70	0.39	5.78	53.91	0.65
2.1	0.77	0.60	6.19	55.97	0.72
2.2	0.81	0.80	6.61	58.03	0.79
2.3	0.87	1.01	7.02	60.09	0.84
2.4	0.90	1.22	7.43	62.16	0.89
2.5	0.92	1.42	7.84	64.22	0.92
2.6	0.94	1.63	8.26	66.28	0.95
2.7	0.95	1.83	8.67	68.34	0.97
2.8	0.97	2.04	9.00	70.40	0.98
2.9	0.98	2.25	9.00	72.46	0.99
3.0	1.00	2.45	9.00	74.52	0.99

## 7.3 Split by retreats

### 7.3.1 Stats

Table 34: Retreats=Multiple retreats per year

Variable	Mean	Mean_(	)1 SD	Range	Quartiles	Skewness	Kurtosis	n	n_Missing
acceptance13_	mean81	0.60	0.48	(0.71, 3.00)	1.57, 2.04	-0.03	-0.06	116	0
$fmi13\_mean$	1.82	0.61	0.43	(0.71, 3.00)	1.57,  2.00	0.03	0.32	116	0
$fmi14\_mean$	1.82	0.61	0.43	(0.71, 3.00)	1.57, 2.00	0.03	0.32	116	0
presence_mean	n 1.84	0.61	0.50	(0.33, 3.00)	1.50,  2.04	-0.15	0.28	116	0

Table 35: Retreats=Never

Variable	Mean	Mean_	01 SD	Range	Quartiles	Skewness	Kurtosis	n	n_Missing
acceptance13_	mean70	0.57	0.60	(0.00, 3.00)	1.29, 2.00	-0.27	0.21	673	0
$fmi13\_mean$	1.68	0.56	0.52	(0.21, 3.00)	1.36, 2.00	-0.18	0.10	673	0
$fmi14\_mean$	1.68	0.56	0.52	(0.21, 3.00)	1.36, 2.00	-0.18	0.10	673	0
presence_mean	n 1.64	0.55	0.59	(0.00, 3.00)	1.33, 2.00	-0.28	0.20	673	0

Table 36: Retreats=Once a year

Variable	Mean	Mean_(	01 SD	Range	Quartiles	Skewness	Kurtosis	$\mathbf{n}$	$n\_Missing$
acceptance13_	mealn73	0.58	0.50	(0.71, 3.00)	1.43, 2.00	0.59	0.46	58	0
$fmi13\_mean$	1.71	0.57	0.45	(0.57, 2.93)	1.43, 1.98	0.30	0.36	58	0
$fmi14\_mean$	1.71	0.57	0.45	(0.57, 2.93)	1.43, 1.98	0.30	0.36	58	0
presence_mean	n 1.68	0.56	0.55	(0.17, 3.00)	1.33, 2.00	0.04	0.25	58	0

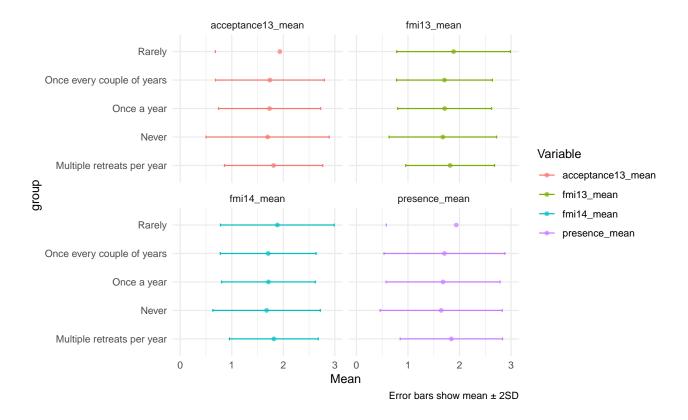
Table 37: Retreats=Once every couple of years

Variable	Mean	Mean_0	01 SD	Range	Quartiles	Skewness	Kurtosis	n	n_Missing
acceptance13_	mealn74	0.58	0.53	(0.29, 3.00)	1.43, 2.11	0.14	0.12	86	0
$fmi13\_mean$	1.71	0.57	0.46	(0.93, 2.93)	1.36, 2.07	0.38	-0.32	86	0
$fmi14\_mean$	1.71	0.57	0.46	(0.93, 2.93)	1.36, 2.07	0.38	-0.32	86	0
presence_mean	n 1.71	0.57	0.59	(0.67, 3.00)	1.33, 2.17	0.20	-0.44	86	0

Table 38: Retreats=Rarely

Variable	Mean	Mean_(	01 SD	Range	Quartiles	Skewness	Kurtosis	n	n_Missing
acceptance13_	mean93	0.64	0.63	(0.14, 3.00)	1.57, 2.29	-0.38	0.35	79	0
$fmi13\_mean$	1.89	0.63	0.55	(0.29, 2.79)	1.57,  2.29	-0.51	0.60	79	0
$fmi14\_mean$	1.89	0.63	0.55	(0.29, 2.79)	1.57,  2.29	-0.51	0.60	79	0
presence_mean	n 1.94	0.65	0.68	(0.00, 3.00)	1.50, 2.33	-0.60	0.63	79	0





### 7.3.2 Norms

```
for (i in unique(d_w_items$Retreats)) {
  cat("Group: ", i, "\n")
```

Group: Never  $fmi13_mean$ 

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.00	-3.22	1.00	17.82	0.00
0.1	0.00	-3.03	1.00	19.74	0.00
0.2	0.00	-2.83	1.00	21.66	0.00
0.3	0.01	-2.64	1.00	23.58	0.00
0.4	0.01	-2.45	1.00	25.50	0.01
0.5	0.02	-2.26	1.00	27.42	0.01
0.6	0.03	-2.07	1.00	29.34	0.02
0.7	0.04	-1.87	1.25	31.26	0.03
0.8	0.06	-1.68	1.64	33.18	0.05
0.9	0.07	-1.49	2.02	35.10	0.07
1.0	0.11	-1.30	2.40	37.02	0.10
1.1	0.14	-1.11	2.79	38.94	0.13
1.2	0.17	-0.91	3.17	40.86	0.18
1.3	0.24	-0.72	3.56	42.78	0.24
1.4	0.29	-0.53	3.94	44.70	0.30
1.5	0.36	-0.34	4.32	46.62	0.37
1.6	0.41	-0.15	4.71	48.54	0.44
1.7	0.47	0.05	5.09	50.46	0.52
1.8	0.60	0.24	5.47	52.37	0.59
1.9	0.66	0.43	5.86	54.29	0.67
2.0	0.77	0.62	6.24	56.21	0.73
2.1	0.81	0.81	6.63	58.13	0.79
2.2	0.85	1.01	7.01	60.05	0.84
2.3	0.90	1.20	7.39	61.97	0.88
2.4	0.92	1.39	7.78	63.89	0.92
2.5	0.95	1.58	8.16	65.81	0.94
2.6	0.97	1.77	8.55	67.73	0.96
2.7	0.97	1.97	8.93	69.65	0.98
2.8	0.99	2.16	9.00	71.57	0.98
2.9	0.99	2.35	9.00	73.49	0.99
3.0	1.00	2.54	9.00	75.41	0.99

score	perc_rank	Z	stanine	Τ	perc_normal
0.0	0.01	-2.78	1.00	22.23	0.00
0.1	0.01	-2.61	1.00	23.91	0.00
0.2	0.02	-2.44	1.00	25.60	0.01
0.3	0.02	-2.27	1.00	27.29	0.01
0.4	0.03	-2.10	1.00	28.98	0.02

score	perc_rank	Z	stanine	Т	perc_normal
0.5	0.05	-1.93	1.13	30.67	0.03
0.6	0.05	-1.76	1.47	32.36	0.04
0.7	0.08	-1.60	1.81	34.05	0.06
0.8	0.08	-1.43	2.15	35.74	0.08
0.9	0.11	-1.26	2.49	37.43	0.10
1.0	0.16	-1.09	2.82	39.12	0.14
1.1	0.16	-0.92	3.16	40.81	0.18
1.2	0.23	-0.75	3.50	42.49	0.23
1.3	0.23	-0.58	3.84	44.18	0.28
1.4	0.32	-0.41	4.17	45.87	0.34
1.5	0.42	-0.24	4.51	47.56	0.40
1.6	0.42	-0.07	4.85	49.25	0.47
1.7	0.55	0.09	5.19	50.94	0.54
1.8	0.55	0.26	5.53	52.63	0.60
1.9	0.68	0.43	5.86	54.32	0.67
2.0	0.80	0.60	6.20	56.01	0.73
2.1	0.80	0.77	6.54	57.70	0.78
2.2	0.86	0.94	6.88	59.38	0.83
2.3	0.86	1.11	7.21	61.07	0.87
2.4	0.91	1.28	7.55	62.76	0.90
2.5	0.95	1.45	7.89	64.45	0.93
2.6	0.95	1.61	8.23	66.14	0.95
2.7	0.97	1.78	8.57	67.83	0.96
2.8	0.97	1.95	8.90	69.52	0.97
2.9	0.98	2.12	9.00	71.21	0.98
3.0	1.00	2.29	9.00	72.90	0.99

score	$perc\_rank$	$\mathbf{Z}$	stanine	${ m T}$	perc_normal
0.0	0.01	-2.84	1.00	21.61	0.00
0.1	0.01	-2.67	1.00	23.29	0.00
0.2	0.02	-2.50	1.00	24.96	0.01
0.3	0.02	-2.34	1.00	26.63	0.01
0.4	0.02	-2.17	1.00	28.31	0.02
0.5	0.03	-2.00	1.00	29.98	0.02
0.6	0.05	-1.83	1.33	31.65	0.03
0.7	0.05	-1.67	1.67	33.33	0.05
0.8	0.07	-1.50	2.00	35.00	0.07
0.9	0.10	-1.33	2.33	36.67	0.09
1.0	0.15	-1.17	2.67	38.35	0.12
1.1	0.15	-1.00	3.00	40.02	0.16
1.2	0.20	-0.83	3.34	41.69	0.20
1.3	0.27	-0.66	3.67	43.37	0.25
1.4	0.27	-0.50	4.01	45.04	0.31
1.5	0.35	-0.33	4.34	46.72	0.37
1.6	0.43	-0.16	4.68	48.39	0.44
1.7	0.43	0.01	5.01	50.06	0.50
1.8	0.53	0.17	5.35	51.74	0.57
1.9	0.64	0.34	5.68	53.41	0.63
2.0	0.76	0.51	6.02	55.08	0.69

score	perc_rank	$\mathbf{z}$	stanine	${ m T}$	perc_normal
2.1	0.76	0.68	6.35	56.76	0.75
2.2	0.83	0.84	6.69	58.43	0.80
2.3	0.87	1.01	7.02	60.10	0.84
2.4	0.87	1.18	7.36	61.78	0.88
2.5	0.91	1.35	7.69	63.45	0.91
2.6	0.95	1.51	8.03	65.13	0.93
2.7	0.95	1.68	8.36	66.80	0.95
2.8	0.96	1.85	8.69	68.47	0.97
2.9	0.98	2.01	9.00	70.15	0.98
3.0	1.00	2.18	9.00	71.82	0.99

 $fmi14\_mean$ 

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.00	-3.22	1.00	17.82	0.00
0.1	0.00	-3.03	1.00	19.74	0.00
0.2	0.00	-2.83	1.00	21.66	0.00
0.3	0.01	-2.64	1.00	23.58	0.00
0.4	0.01	-2.45	1.00	25.50	0.01
0.5	0.02	-2.26	1.00	27.42	0.01
0.6	0.03	-2.07	1.00	29.34	0.02
0.7	0.04	-1.87	1.25	31.26	0.03
0.8	0.06	-1.68	1.64	33.18	0.05
0.9	0.07	-1.49	2.02	35.10	0.07
1.0	0.11	-1.30	2.40	37.02	0.10
1.1	0.14	-1.11	2.79	38.94	0.13
1.2	0.17	-0.91	3.17	40.86	0.18
1.3	0.24	-0.72	3.56	42.78	0.24
1.4	0.29	-0.53	3.94	44.70	0.30
1.5	0.36	-0.34	4.32	46.62	0.37
1.6	0.41	-0.15	4.71	48.54	0.44
1.7	0.47	0.05	5.09	50.46	0.52
1.8	0.60	0.24	5.47	52.37	0.59
1.9	0.66	0.43	5.86	54.29	0.67
2.0	0.77	0.62	6.24	56.21	0.73
2.1	0.81	0.81	6.63	58.13	0.79
2.2	0.85	1.01	7.01	60.05	0.84
2.3	0.90	1.20	7.39	61.97	0.88
2.4	0.92	1.39	7.78	63.89	0.92
2.5	0.95	1.58	8.16	65.81	0.94
2.6	0.97	1.77	8.55	67.73	0.96
2.7	0.97	1.97	8.93	69.65	0.98
2.8	0.99	2.16	9.00	71.57	0.98
2.9	0.99	2.35	9.00	73.49	0.99
3.0	1.00	2.54	9.00	75.41	0.99

Group: Once every couple of years  $fmi13_mean$ 

score	perc_rank	$\mathbf{z}$	stanine	Т	perc_normal
0.0	0.00	-3.67	1.00	13.26	0.00
0.1	0.00	-3.46	1.00	15.41	0.00
0.2	0.00	-3.24	1.00	17.56	0.00
0.3	0.00	-3.03	1.00	19.72	0.00
0.4	0.00	-2.81	1.00	21.87	0.00
0.5	0.00	-2.60	1.00	24.02	0.00
0.6	0.00	-2.38	1.00	26.17	0.01
0.7	0.00	-2.17	1.00	28.32	0.02
0.8	0.00	-1.95	1.09	30.47	0.03
0.9	0.00	-1.74	1.52	32.62	0.04
1.0	0.07	-1.52	1.96	34.78	0.06
1.1	0.09	-1.31	2.39	36.93	0.10
1.2	0.14	-1.09	2.82	39.08	0.14
1.3	0.23	-0.88	3.25	41.23	0.19
1.4	0.28	-0.66	3.68	43.38	0.25
1.5	0.37	-0.45	4.11	45.53	0.33
1.6	0.48	-0.23	4.54	47.68	0.41
1.7	0.51	-0.02	4.97	49.84	0.49
1.8	0.60	0.20	5.40	51.99	0.58
1.9	0.63	0.41	5.83	54.14	0.66
2.0	0.73	0.63	6.26	56.29	0.74
2.1	0.80	0.84	6.69	58.44	0.80
2.2	0.87	1.06	7.12	60.59	0.86
2.3	0.92	1.27	7.55	62.74	0.90
2.4	0.92	1.49	7.98	64.90	0.93
2.5	0.95	1.70	8.41	67.05	0.96
2.6	0.97	1.92	8.84	69.20	0.97
2.7	0.97	2.14	9.00	71.35	0.98
2.8	0.99	2.35	9.00	73.50	0.99
2.9	0.99	2.57	9.00	75.65	0.99
3.0	1.00	2.78	9.00	77.80	1.00

score	perc_rank	$\mathbf{z}$	stanine	Τ	perc_normal
0.0	0.00	-2.91	1.00	20.88	0.00
0.1	0.00	-2.74	1.00	22.58	0.00
0.2	0.00	-2.57	1.00	24.29	0.01
0.3	0.00	-2.40	1.00	26.00	0.01
0.4	0.00	-2.23	1.00	27.70	0.01
0.5	0.00	-2.06	1.00	29.41	0.02
0.6	0.00	-1.89	1.22	31.11	0.03
0.7	0.05	-1.72	1.56	32.82	0.04
0.8	0.05	-1.55	1.90	34.52	0.06
0.9	0.10	-1.38	2.25	36.23	0.08
1.0	0.17	-1.21	2.59	37.94	0.11
1.1	0.17	-1.04	2.93	39.64	0.15
1.2	0.22	-0.87	3.27	41.35	0.19
1.3	0.22	-0.69	3.61	43.05	0.24
1.4	0.29	-0.52	3.95	44.76	0.30
1.5	0.45	-0.35	4.29	46.46	0.36

score	perc_rank	Z	stanine	Т	perc_normal
1.6	0.45	-0.18	4.63	48.17	0.43
1.7	0.56	-0.01	4.97	49.87	0.49
1.8	0.56	0.16	5.32	51.58	0.56
1.9	0.63	0.33	5.66	53.29	0.63
2.0	0.72	0.50	6.00	54.99	0.69
2.1	0.72	0.67	6.34	56.70	0.75
2.2	0.81	0.84	6.68	58.40	0.80
2.3	0.81	1.01	7.02	60.11	0.84
2.4	0.92	1.18	7.36	61.81	0.88
2.5	0.93	1.35	7.70	63.52	0.91
2.6	0.93	1.52	8.04	65.22	0.94
2.7	0.93	1.69	8.39	66.93	0.95
2.8	0.93	1.86	8.73	68.64	0.97
2.9	0.97	2.03	9.00	70.34	0.98
3.0	1.00	2.20	9.00	72.05	0.99

score	$\mathrm{perc}\_\mathrm{rank}$	$\mathbf{z}$	stanine	${\rm T}$	$perc\_normal$
0.0	0.00	-3.30	1.00	17.03	0.00
0.1	0.00	-3.11	1.00	18.92	0.00
0.2	0.00	-2.92	1.00	20.82	0.00
0.3	0.01	-2.73	1.00	22.71	0.00
0.4	0.01	-2.54	1.00	24.60	0.01
0.5	0.01	-2.35	1.00	26.50	0.01
0.6	0.01	-2.16	1.00	28.39	0.02
0.7	0.01	-1.97	1.06	30.29	0.02
0.8	0.01	-1.78	1.44	32.18	0.04
0.9	0.05	-1.59	1.81	34.07	0.06
1.0	0.12	-1.40	2.19	35.97	0.08
1.1	0.12	-1.21	2.57	37.86	0.11
1.2	0.15	-1.02	2.95	39.76	0.15
1.3	0.21	-0.84	3.33	41.65	0.20
1.4	0.21	-0.65	3.71	43.54	0.26
1.5	0.35	-0.46	4.09	45.44	0.32
1.6	0.45	-0.27	4.47	47.33	0.39
1.7	0.45	-0.08	4.85	49.23	0.47
1.8	0.55	0.11	5.22	51.12	0.54
1.9	0.63	0.30	5.60	53.01	0.62
2.0	0.74	0.49	5.98	54.91	0.69
2.1	0.74	0.68	6.36	56.80	0.75
2.2	0.84	0.87	6.74	58.70	0.81
2.3	0.87	1.06	7.12	60.59	0.86
2.4	0.87	1.25	7.50	62.48	0.89
2.5	0.93	1.44	7.88	64.38	0.92
2.6	0.95	1.63	8.25	66.27	0.95
2.7	0.95	1.82	8.63	68.17	0.97
2.8	0.97	2.01	9.00	70.06	0.98
2.9	0.97	2.20	9.00	71.95	0.99
3.0	1.00	2.38	9.00	73.85	0.99

 $fmi14\_mean$ 

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.00	-3.67	1.00	13.26	0.00
0.1	0.00	-3.46	1.00	15.41	0.00
0.2	0.00	-3.24	1.00	17.56	0.00
0.3	0.00	-3.03	1.00	19.72	0.00
0.4	0.00	-2.81	1.00	21.87	0.00
0.5	0.00	-2.60	1.00	24.02	0.00
0.6	0.00	-2.38	1.00	26.17	0.01
0.7	0.00	-2.17	1.00	28.32	0.02
0.8	0.00	-1.95	1.09	30.47	0.03
0.9	0.00	-1.74	1.52	32.62	0.04
1.0	0.07	-1.52	1.96	34.78	0.06
1.1	0.09	-1.31	2.39	36.93	0.10
1.2	0.14	-1.09	2.82	39.08	0.14
1.3	0.23	-0.88	3.25	41.23	0.19
1.4	0.28	-0.66	3.68	43.38	0.25
1.5	0.37	-0.45	4.11	45.53	0.33
1.6	0.48	-0.23	4.54	47.68	0.41
1.7	0.51	-0.02	4.97	49.84	0.49
1.8	0.60	0.20	5.40	51.99	0.58
1.9	0.63	0.41	5.83	54.14	0.66
2.0	0.73	0.63	6.26	56.29	0.74
2.1	0.80	0.84	6.69	58.44	0.80
2.2	0.87	1.06	7.12	60.59	0.86
2.3	0.92	1.27	7.55	62.74	0.90
2.4	0.92	1.49	7.98	64.90	0.93
2.5	0.95	1.70	8.41	67.05	0.96
2.6	0.97	1.92	8.84	69.20	0.97
2.7	0.97	2.14	9.00	71.35	0.98
2.8	0.99	2.35	9.00	73.50	0.99
2.9	0.99	2.57	9.00	75.65	0.99
3.0	1.00	2.78	9.00	77.80	1.00

Group: Multiple retreats per year \$fmi13\_mean

score	perc_rank	Z	stanine	Τ	perc_normal
0.0	0.00	-4.22	1.00	7.83	0.00
0.1	0.00	-3.99	1.00	10.15	0.00
0.2	0.00	-3.75	1.00	12.47	0.00
0.3	0.00	-3.52	1.00	14.79	0.00
0.4	0.00	-3.29	1.00	17.11	0.00
0.5	0.00	-3.06	1.00	19.43	0.00
0.6	0.00	-2.82	1.00	21.75	0.00
0.7	0.00	-2.59	1.00	24.07	0.00
0.8	0.02	-2.36	1.00	26.39	0.01
0.9	0.02	-2.13	1.00	28.71	0.02
1.0	0.03	-1.90	1.21	31.04	0.03
1.1	0.07	-1.66	1.67	33.36	0.05
1.2	0.09	-1.43	2.14	35.68	0.08
1.3	0.13	-1.20	2.60	38.00	0.12

score	perc_rank	$\mathbf{z}$	stanine	$\mathbf{T}$	perc_normal
1.4	0.16	-0.97	3.06	40.32	0.17
1.5	0.22	-0.74	3.53	42.64	0.23
1.6	0.28	-0.50	3.99	44.96	0.31
1.7	0.34	-0.27	4.46	47.28	0.39
1.8	0.51	-0.04	4.92	49.60	0.48
1.9	0.59	0.19	5.38	51.92	0.58
2.0	0.76	0.42	5.85	54.24	0.66
2.1	0.78	0.66	6.31	56.57	0.74
2.2	0.80	0.89	6.78	58.89	0.81
2.3	0.90	1.12	7.24	61.21	0.87
2.4	0.91	1.35	7.71	63.53	0.91
2.5	0.93	1.58	8.17	65.85	0.94
2.6	0.95	1.82	8.63	68.17	0.97
2.7	0.97	2.05	9.00	70.49	0.98
2.8	0.99	2.28	9.00	72.81	0.99
2.9	0.99	2.51	9.00	75.13	0.99
3.0	1.00	2.75	9.00	77.45	1.00

score	$\mathrm{perc}\_\mathrm{rank}$	${f z}$	stanine	Τ	perc_normal
0.0	0.00	-3.71	1.00	12.89	0.00
0.1	0.00	-3.51	1.00	14.90	0.00
0.2	0.00	-3.31	1.00	16.92	0.00
0.3	0.00	-3.11	1.00	18.93	0.00
0.4	0.01	-2.91	1.00	20.95	0.00
0.5	0.01	-2.70	1.00	22.96	0.00
0.6	0.01	-2.50	1.00	24.98	0.01
0.7	0.02	-2.30	1.00	26.99	0.01
0.8	0.02	-2.10	1.00	29.01	0.02
0.9	0.03	-1.90	1.20	31.02	0.03
1.0	0.08	-1.70	1.61	33.03	0.04
1.1	0.08	-1.50	2.01	35.05	0.07
1.2	0.12	-1.29	2.41	37.06	0.10
1.3	0.12	-1.09	2.82	39.08	0.14
1.4	0.18	-0.89	3.22	41.09	0.19
1.5	0.28	-0.69	3.62	43.11	0.25
1.6	0.28	-0.49	4.02	45.12	0.31
1.7	0.39	-0.29	4.43	47.14	0.39
1.8	0.39	-0.08	4.83	49.15	0.47
1.9	0.52	0.12	5.23	51.17	0.55
2.0	0.75	0.32	5.64	53.18	0.62
2.1	0.75	0.52	6.04	55.20	0.70
2.2	0.84	0.72	6.44	57.21	0.76
2.3	0.84	0.92	6.85	59.23	0.82
2.4	0.86	1.12	7.25	61.24	0.87
2.5	0.92	1.33	7.65	63.26	0.91
2.6	0.92	1.53	8.05	65.27	0.94
2.7	0.97	1.73	8.46	67.29	0.96
2.8	0.97	1.93	8.86	69.30	0.97
2.9	0.98	2.13	9.00	71.32	0.98

score	perc_rank	Z	stanine	Т	perc_normal
3.0	1.00	2.33	9.00	73.33	0.99

score	perc_rank	z	stanine	T	perc_normal
0.0	0.00	-3.80	1.00	11.98	0.00
0.1	0.00	-3.59	1.00	14.08	0.00
0.2	0.00	-3.38	1.00	16.18	0.00
0.3	0.00	-3.17	1.00	18.27	0.00
0.4	0.00	-2.96	1.00	20.37	0.00
0.5	0.00	-2.75	1.00	22.47	0.00
0.6	0.00	-2.54	1.00	24.57	0.01
0.7	0.00	-2.33	1.00	26.67	0.01
0.8	0.02	-2.12	1.00	28.77	0.02
0.9	0.03	-1.91	1.17	30.87	0.03
1.0	0.09	-1.70	1.59	32.97	0.04
1.1	0.09	-1.49	2.01	35.07	0.07
1.2	0.11	-1.28	2.43	37.16	0.10
1.3	0.18	-1.07	2.85	39.26	0.14
1.4	0.18	-0.86	3.27	41.36	0.19
1.5	0.23	-0.65	3.69	43.46	0.26
1.6	0.33	-0.44	4.11	45.56	0.33
1.7	0.33	-0.23	4.53	47.66	0.41
1.8	0.43	-0.02	4.95	49.76	0.49
1.9	0.60	0.19	5.37	51.86	0.57
2.0	0.75	0.40	5.79	53.95	0.65
2.1	0.75	0.61	6.21	56.05	0.73
2.2	0.84	0.82	6.63	58.15	0.79
2.3	0.88	1.03	7.05	60.25	0.85
2.4	0.88	1.24	7.47	62.35	0.89
2.5	0.91	1.44	7.89	64.45	0.93
2.6	0.93	1.65	8.31	66.55	0.95
2.7	0.93	1.86	8.73	68.65	0.97
2.8	0.99	2.07	9.00	70.75	0.98
2.9	0.99	2.28	9.00	72.84	0.99
3.0	1.00	2.49	9.00	74.94	0.99

# $fmi14\_mean$

score	$\mathrm{perc}\_\mathrm{rank}$	$\mathbf{z}$	stanine	Τ	$perc\_normal$
0.0	0.00	-4.22	1.00	7.83	0.00
0.1	0.00	-3.99	1.00	10.15	0.00
0.2	0.00	-3.75	1.00	12.47	0.00
0.3	0.00	-3.52	1.00	14.79	0.00
0.4	0.00	-3.29	1.00	17.11	0.00
0.5	0.00	-3.06	1.00	19.43	0.00
0.6	0.00	-2.82	1.00	21.75	0.00
0.7	0.00	-2.59	1.00	24.07	0.00
0.8	0.02	-2.36	1.00	26.39	0.01

score	$perc\_rank$	$\mathbf{Z}$	stanine	${ m T}$	perc_normal
0.9	0.02	-2.13	1.00	28.71	0.02
1.0	0.03	-1.90	1.21	31.04	0.03
1.1	0.07	-1.66	1.67	33.36	0.05
1.2	0.09	-1.43	2.14	35.68	0.08
1.3	0.13	-1.20	2.60	38.00	0.12
1.4	0.16	-0.97	3.06	40.32	0.17
1.5	0.22	-0.74	3.53	42.64	0.23
1.6	0.28	-0.50	3.99	44.96	0.31
1.7	0.34	-0.27	4.46	47.28	0.39
1.8	0.51	-0.04	4.92	49.60	0.48
1.9	0.59	0.19	5.38	51.92	0.58
2.0	0.76	0.42	5.85	54.24	0.66
2.1	0.78	0.66	6.31	56.57	0.74
2.2	0.80	0.89	6.78	58.89	0.81
2.3	0.90	1.12	7.24	61.21	0.87
2.4	0.91	1.35	7.71	63.53	0.91
2.5	0.93	1.58	8.17	65.85	0.94
2.6	0.95	1.82	8.63	68.17	0.97
2.7	0.97	2.05	9.00	70.49	0.98
2.8	0.99	2.28	9.00	72.81	0.99
2.9	0.99	2.51	9.00	75.13	0.99
3.0	1.00	2.75	9.00	77.45	1.00

Group: Rarely fmi13\_mean

$perc\_rank$	${f z}$	stanine	Τ	perc_normal
0.00	-3.42	1.00	15.83	0.00
0.00	-3.24	1.00	17.64	0.00
0.00	-3.05	1.00	19.45	0.00
0.01	-2.87	1.00	21.27	0.00
0.01	-2.69	1.00	23.08	0.00
0.04	-2.51	1.00	24.89	0.01
0.04	-2.33	1.00	26.70	0.01
0.04	-2.15	1.00	28.52	0.02
0.05	-1.97	1.07	30.33	0.02
0.05	-1.79	1.43	32.14	0.04
0.05	-1.60	1.79	33.95	0.05
0.08	-1.42	2.15	35.77	0.08
0.08	-1.24	2.52	37.58	0.11
0.09	-1.06	2.88	39.39	0.14
0.13	-0.88	3.24	41.21	0.19
0.24	-0.70	3.60	43.02	0.24
0.30	-0.52	3.97	44.83	0.30
0.35	-0.34	4.33	46.64	0.37
0.44	-0.15	4.69	48.46	0.44
0.49	0.03	5.05	50.27	0.51
0.63	0.21	5.42	52.08	0.58
0.68	0.39	5.78	53.89	0.65
0.71	0.57	6.14	55.71	0.72
0.77	0.75	6.50	57.52	0.77
0.80	0.93	6.87	59.33	0.82
	0.00 0.00 0.00 0.01 0.01 0.04 0.04 0.05 0.05 0.05 0.08 0.08 0.09 0.13 0.24 0.30 0.35 0.44 0.49 0.63 0.68 0.71 0.77	0.00 -3.42 0.00 -3.24 0.00 -3.05 0.01 -2.87 0.01 -2.69 0.04 -2.51 0.04 -2.15 0.05 -1.97 0.05 -1.60 0.08 -1.42 0.08 -1.24 0.09 -1.06 0.13 -0.88 0.24 -0.70 0.30 -0.52 0.35 -0.34 0.44 -0.15 0.49 0.03 0.63 0.21 0.68 0.39 0.71 0.57 0.75	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

score	perc_rank	$\mathbf{z}$	stanine	Τ	perc_normal
2.5	0.89	1.11	7.23	61.14	0.87
2.6	0.90	1.30	7.59	62.96	0.90
2.7	0.90	1.48	7.95	64.77	0.93
2.8	1.00	1.66	8.32	66.58	0.95
2.9	1.00	1.84	8.68	68.40	0.97
3.0	1.00	2.02	9.00	70.21	0.98

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.03	-2.85	1.00	21.48	0.00
0.1	0.03	-2.71	1.00	22.95	0.00
0.2	0.04	-2.56	1.00	24.42	0.01
0.3	0.04	-2.41	1.00	25.90	0.01
0.4	0.04	-2.26	1.00	27.37	0.01
0.5	0.04	-2.12	1.00	28.84	0.02
0.6	0.04	-1.97	1.06	30.31	0.02
0.7	0.05	-1.82	1.36	31.79	0.03
0.8	0.05	-1.67	1.65	33.26	0.05
0.9	0.05	-1.53	1.95	34.73	0.06
1.0	0.08	-1.38	2.24	36.20	0.08
1.1	0.08	-1.23	2.54	37.68	0.11
1.2	0.15	-1.08	2.83	39.15	0.14
1.3	0.15	-0.94	3.12	40.62	0.17
1.4	0.19	-0.79	3.42	42.10	0.21
1.5	0.28	-0.64	3.71	43.57	0.26
1.6	0.28	-0.50	4.01	45.04	0.31
1.7	0.35	-0.35	4.30	46.51	0.36
1.8	0.35	-0.20	4.60	47.99	0.42
1.9	0.46	-0.05	4.89	49.46	0.48
2.0	0.58	0.09	5.19	50.93	0.54
2.1	0.58	0.24	5.48	52.40	0.60
2.2	0.68	0.39	5.78	53.88	0.65
2.3	0.68	0.54	6.07	55.35	0.70
2.4	0.76	0.68	6.36	56.82	0.75
2.5	0.82	0.83	6.66	58.30	0.80
2.6	0.82	0.98	6.95	59.77	0.84
2.7	0.87	1.12	7.25	61.24	0.87
2.8	0.87	1.27	7.54	62.71	0.90
2.9	0.91	1.42	7.84	64.19	0.92
3.0	1.00	1.57	8.13	65.66	0.94

score	$\mathrm{perc}\_\mathrm{rank}$	${f z}$	stanine	${ m T}$	$perc\_normal$
0.0	0.00	-3.09	1.00	19.08	0.00
0.1	0.00	-2.93	1.00	20.68	0.00
0.2	0.01	-2.77	1.00	22.28	0.00
0.3	0.03	-2.61	1.00	23.88	0.00

score	perc_rank	Z	stanine	Т	perc_normal
0.4	0.03	-2.45	1.00	25.48	0.01
0.5	0.03	-2.29	1.00	27.08	0.01
0.6	0.05	-2.13	1.00	28.68	0.02
0.7	0.05	-1.97	1.06	30.28	0.02
0.8	0.05	-1.81	1.37	31.87	0.03
0.9	0.05	-1.65	1.69	33.47	0.05
1.0	0.05	-1.49	2.01	35.07	0.07
1.1	0.05	-1.33	2.33	36.67	0.09
1.2	0.09	-1.17	2.65	38.27	0.12
1.3	0.15	-1.01	2.97	39.87	0.16
1.4	0.15	-0.85	3.29	41.47	0.20
1.5	0.24	-0.69	3.61	43.07	0.24
1.6	0.29	-0.53	3.93	44.67	0.30
1.7	0.29	-0.37	4.25	46.27	0.35
1.8	0.41	-0.21	4.57	47.87	0.42
1.9	0.47	-0.05	4.89	49.47	0.48
2.0	0.63	0.11	5.21	51.07	0.54
2.1	0.63	0.27	5.53	52.67	0.61
2.2	0.70	0.43	5.85	54.27	0.67
2.3	0.76	0.59	6.17	55.87	0.72
2.4	0.76	0.75	6.49	57.47	0.77
2.5	0.78	0.91	6.81	59.07	0.82
2.6	0.85	1.07	7.13	60.67	0.86
2.7	0.85	1.23	7.45	62.27	0.89
2.8	0.90	1.39	7.77	63.87	0.92
2.9	0.94	1.55	8.09	65.47	0.94
3.0	1.00	1.71	8.41	67.07	0.96

 $fmi14\_mean$ 

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.00	-3.42	1.00	15.83	0.00
0.1	0.00	-3.24	1.00	17.64	0.00
0.2	0.00	-3.05	1.00	19.45	0.00
0.3	0.01	-2.87	1.00	21.27	0.00
0.4	0.01	-2.69	1.00	23.08	0.00
0.5	0.04	-2.51	1.00	24.89	0.01
0.6	0.04	-2.33	1.00	26.70	0.01
0.7	0.04	-2.15	1.00	28.52	0.02
0.8	0.05	-1.97	1.07	30.33	0.02
0.9	0.05	-1.79	1.43	32.14	0.04
1.0	0.05	-1.60	1.79	33.95	0.05
1.1	0.08	-1.42	2.15	35.77	0.08
1.2	0.08	-1.24	2.52	37.58	0.11
1.3	0.09	-1.06	2.88	39.39	0.14
1.4	0.13	-0.88	3.24	41.21	0.19
1.5	0.24	-0.70	3.60	43.02	0.24
1.6	0.30	-0.52	3.97	44.83	0.30
1.7	0.35	-0.34	4.33	46.64	0.37
1.8	0.44	-0.15	4.69	48.46	0.44
1.9	0.49	0.03	5.05	50.27	0.51

score	perc_rank	Z	stanine	Т	perc_normal
2.0	0.63	0.21	5.42	52.08	0.58
2.1	0.68	0.39	5.78	53.89	0.65
2.2	0.71	0.57	6.14	55.71	0.72
2.3	0.77	0.75	6.50	57.52	0.77
2.4	0.80	0.93	6.87	59.33	0.82
2.5	0.89	1.11	7.23	61.14	0.87
2.6	0.90	1.30	7.59	62.96	0.90
2.7	0.90	1.48	7.95	64.77	0.93
2.8	1.00	1.66	8.32	66.58	0.95
2.9	1.00	1.84	8.68	68.40	0.97
3.0	1.00	2.02	9.00	70.21	0.98

Group: Once a year \$fmi13\_mean

score	$\mathrm{perc}\_\mathrm{rank}$	$\mathbf{z}$	stanine	${ m T}$	$perc\_normal$
0.0	0.00	-3.76	1.00	12.37	0.00
0.1	0.00	-3.54	1.00	14.57	0.00
0.2	0.00	-3.32	1.00	16.77	0.00
0.3	0.00	-3.10	1.00	18.96	0.00
0.4	0.00	-2.88	1.00	21.16	0.00
0.5	0.00	-2.66	1.00	23.36	0.00
0.6	0.02	-2.44	1.00	25.56	0.01
0.7	0.02	-2.22	1.00	27.76	0.01
0.8	0.02	-2.00	1.00	29.96	0.02
0.9	0.02	-1.78	1.43	32.15	0.04
1.0	0.07	-1.56	1.87	34.35	0.06
1.1	0.07	-1.34	2.31	36.55	0.09
1.2	0.10	-1.13	2.75	38.75	0.13
1.3	0.14	-0.91	3.19	40.95	0.18
1.4	0.21	-0.69	3.63	43.15	0.25
1.5	0.38	-0.47	4.07	45.34	0.32
1.6	0.45	-0.25	4.51	47.54	0.40
1.7	0.52	-0.03	4.95	49.74	0.49
1.8	0.66	0.19	5.39	51.94	0.58
1.9	0.67	0.41	5.83	54.14	0.66
2.0	0.79	0.63	6.27	56.33	0.74
2.1	0.83	0.85	6.71	58.53	0.80
2.2	0.83	1.07	7.15	60.73	0.86
2.3	0.90	1.29	7.59	62.93	0.90
2.4	0.91	1.51	8.03	65.13	0.93
2.5	0.95	1.73	8.47	67.33	0.96
2.6	0.97	1.95	8.90	69.52	0.97
2.7	0.98	2.17	9.00	71.72	0.99
2.8	0.98	2.39	9.00	73.92	0.99
2.9	0.98	2.61	9.00	76.12	1.00
3.0	1.00	2.83	9.00	78.32	1.00

score	perc_rank	$\mathbf{z}$	stanine	Τ	perc_normal
0.0	0.00	-3.04	1.00	19.58	0.00
0.1	0.00	-2.86	1.00	21.39	0.00
0.2	0.02	-2.68	1.00	23.20	0.00
0.3	0.02	-2.50	1.00	25.01	0.01
0.4	0.02	-2.32	1.00	26.82	0.01
0.5	0.02	-2.14	1.00	28.63	0.02
0.6	0.02	-1.96	1.09	30.44	0.03
0.7	0.03	-1.78	1.45	32.25	0.04
0.8	0.03	-1.59	1.81	34.06	0.06
0.9	0.05	-1.41	2.17	35.87	0.08
1.0	0.14	-1.23	2.54	37.68	0.11
1.1	0.14	-1.05	2.90	39.49	0.15
1.2	0.21	-0.87	3.26	41.29	0.19
1.3	0.21	-0.69	3.62	43.10	0.25
1.4	0.33	-0.51	3.98	44.91	0.31
1.5	0.43	-0.33	4.34	46.72	0.37
1.6	0.43	-0.15	4.71	48.53	0.44
1.7	0.57	0.03	5.07	50.34	0.51
1.8	0.57	0.22	5.43	52.15	0.59
1.9	0.67	0.40	5.79	53.96	0.65
2.0	0.79	0.58	6.15	55.77	0.72
2.1	0.79	0.76	6.52	57.58	0.78
2.2	0.86	0.94	6.88	59.39	0.83
2.3	0.86	1.12	7.24	61.20	0.87
2.4	0.88	1.30	7.60	63.01	0.90
2.5	0.95	1.48	7.96	64.82	0.93
2.6	0.95	1.66	8.33	66.63	0.95
2.7	0.97	1.84	8.69	68.44	0.97
2.8	0.97	2.02	9.00	70.25	0.98
2.9	0.98	2.21	9.00	72.06	0.99
3.0	1.00	2.39	9.00	73.87	0.99

score	perc_rank	$\mathbf{z}$	stanine	Τ	perc_normal
0.0	0.00	-3.50	1.00	14.98	0.00
0.1	0.00	-3.30	1.00	17.00	0.00
0.2	0.00	-3.10	1.00	19.02	0.00
0.3	0.00	-2.90	1.00	21.04	0.00
0.4	0.00	-2.69	1.00	23.06	0.00
0.5	0.00	-2.49	1.00	25.08	0.01
0.6	0.00	-2.29	1.00	27.10	0.01
0.7	0.00	-2.09	1.00	29.12	0.02
0.8	0.02	-1.89	1.23	31.14	0.03
0.9	0.03	-1.68	1.63	33.16	0.05
1.0	0.09	-1.48	2.04	35.18	0.07
1.1	0.09	-1.28	2.44	37.20	0.10
1.2	0.10	-1.08	2.84	39.22	0.14
1.3	0.19	-0.88	3.25	41.24	0.19
1.4	0.19	-0.67	3.65	43.26	0.25
1.5	0.31	-0.47	4.05	45.27	0.32

score	$\mathrm{perc}\_\mathrm{rank}$	$\mathbf{z}$	stanine	${ m T}$	perc_normal
1.6	0.53	-0.27	4.46	47.29	0.39
1.7	0.53	-0.07	4.86	49.31	0.47
1.8	0.57	0.13	5.27	51.33	0.55
1.9	0.69	0.34	5.67	53.35	0.63
2.0	0.79	0.54	6.07	55.37	0.70
2.1	0.79	0.74	6.48	57.39	0.77
2.2	0.86	0.94	6.88	59.41	0.83
2.3	0.91	1.14	7.29	61.43	0.87
2.4	0.91	1.34	7.69	63.45	0.91
2.5	0.91	1.55	8.09	65.47	0.94
2.6	0.93	1.75	8.50	67.49	0.96
2.7	0.93	1.95	8.90	69.51	0.97
2.8	0.93	2.15	9.00	71.53	0.98
2.9	0.98	2.35	9.00	73.55	0.99
3.0	1.00	2.56	9.00	75.57	0.99

 $fmi14\_mean$ 

score	$\mathrm{perc}\_\mathrm{rank}$	$\mathbf{Z}$	stanine	Τ	$perc\_normal$
0.0	0.00	-3.76	1.00	12.37	0.00
0.1	0.00	-3.54	1.00	14.57	0.00
0.2	0.00	-3.32	1.00	16.77	0.00
0.3	0.00	-3.10	1.00	18.96	0.00
0.4	0.00	-2.88	1.00	21.16	0.00
0.5	0.00	-2.66	1.00	23.36	0.00
0.6	0.02	-2.44	1.00	25.56	0.01
0.7	0.02	-2.22	1.00	27.76	0.01
0.8	0.02	-2.00	1.00	29.96	0.02
0.9	0.02	-1.78	1.43	32.15	0.04
1.0	0.07	-1.56	1.87	34.35	0.06
1.1	0.07	-1.34	2.31	36.55	0.09
1.2	0.10	-1.13	2.75	38.75	0.13
1.3	0.14	-0.91	3.19	40.95	0.18
1.4	0.21	-0.69	3.63	43.15	0.25
1.5	0.38	-0.47	4.07	45.34	0.32
1.6	0.45	-0.25	4.51	47.54	0.40
1.7	0.52	-0.03	4.95	49.74	0.49
1.8	0.66	0.19	5.39	51.94	0.58
1.9	0.67	0.41	5.83	54.14	0.66
2.0	0.79	0.63	6.27	56.33	0.74
2.1	0.83	0.85	6.71	58.53	0.80
2.2	0.83	1.07	7.15	60.73	0.86
2.3	0.90	1.29	7.59	62.93	0.90
2.4	0.91	1.51	8.03	65.13	0.93
2.5	0.95	1.73	8.47	67.33	0.96
2.6	0.97	1.95	8.90	69.52	0.97
2.7	0.98	2.17	9.00	71.72	0.99
2.8	0.98	2.39	9.00	73.92	0.99
2.9	0.98	2.61	9.00	76.12	1.00
3.0	1.00	2.83	9.00	78.32	1.00

# 7.4 Split by Vipassana continuously

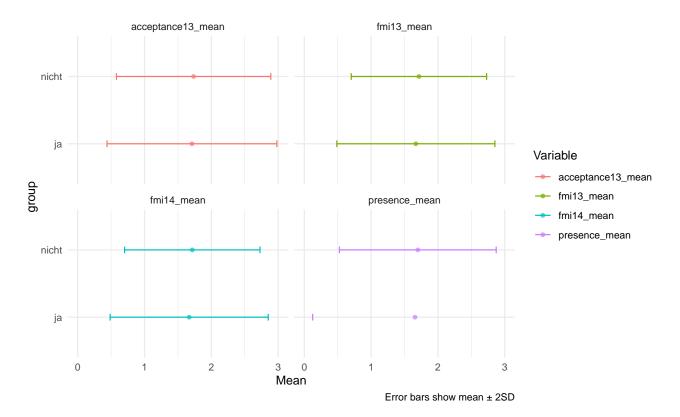
#### 7.4.1 Stats

Table 59: Vip\_regel=ja

Variable	Mean	Mean_0	01 SD	Range	Quartiles	Skewness	Kurtosis	n	n_Missing
acceptance13_	mealn71	0.57	0.64	(0.29, 3.00)	1.43, 2.14	-0.02	0.04	33	0
$fmi13\_mean$	1.67	0.56	0.59	(0.43, 2.79)	1.36, 2.14	-0.21	0.02	33	0
$fmi14\_mean$	1.67	0.56	0.59	(0.43, 2.79)	1.36, 2.14	-0.21	0.02	33	0
presence_mea	n 1.66	0.55	0.77	(0.00, 3.00)	1.33, 2.17	-0.37	-0.18	33	0

Table 60: Vip\_regel=nicht

Variable	Mean	Mean_(	01 SD	Range	Quartiles	Skewness	Kurtosis	$\mathbf{n}$	$n\_{\rm Missing}$
acceptance13_	mean73	0.58	0.58	(0.00, 3.00)	1.43, 2.00	-0.22	0.28	979	0
$fmi13\_mean$	1.71	0.57	0.51	(0.21, 3.00)	1.36, 2.00	-0.14	0.16	979	0
$fmi14\_mean$	1.71	0.57	0.51	(0.21, 3.00)	1.36, 2.00	-0.14	0.16	979	0
presence_mean	n 1.70	0.57	0.59	(0.00, 3.00)	1.33, 2.00	-0.22	0.19	979	0



#### **7.4.2** Norms

Group: nicht  $fmi13_mean$ 

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.00	-3.39	1.00	16.14	0.00
0.1	0.00	-3.19	1.00	18.11	0.00
0.2	0.00	-2.99	1.00	20.09	0.00
0.3	0.01	-2.79	1.00	22.06	0.00
0.4	0.01	-2.60	1.00	24.04	0.00
0.5	0.01	-2.40	1.00	26.01	0.01
0.6	0.02	-2.20	1.00	27.99	0.01
0.7	0.03	-2.00	1.00	29.96	0.02
0.8	0.04	-1.81	1.39	31.93	0.04
0.9	0.05	-1.61	1.78	33.91	0.05
1.0	0.09	-1.41	2.18	35.88	0.08
1.1	0.12	-1.21	2.57	37.86	0.11
1.2	0.15	-1.02	2.97	39.83	0.15
1.3	0.21	-0.82	3.36	41.81	0.21
1.4	0.25	-0.62	3.76	43.78	0.27
1.5	0.34	-0.42	4.15	45.76	0.34
1.6	0.39	-0.23	4.55	47.73	0.41
1.7	0.45	-0.03	4.94	49.70	0.49
1.8	0.58	0.17	5.34	51.68	0.57
1.9	0.63	0.37	5.73	53.65	0.64
2.0	0.76	0.56	6.13	55.63	0.71
2.1	0.80	0.76	6.52	57.60	0.78
2.2	0.83	0.96	6.92	59.58	0.83
2.3	0.89	1.16	7.31	61.55	0.88
2.4	0.91	1.35	7.71	63.53	0.91
2.5	0.95	1.55	8.10	65.50	0.94
2.6	0.96	1.75	8.50	67.48	0.96
2.7	0.97	1.94	8.89	69.45	0.97
2.8	0.99	2.14	9.00	71.42	0.98
2.9	0.99	2.34	9.00	73.40	0.99
3.0	1.00	2.54	9.00	75.37	0.99

\$presence\_mean

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.01	-2.90	1.00	21.04	0.00
0.1	0.01	-2.73	1.00	22.75	0.00
0.2	0.01	-2.55	1.00	24.45	0.01
0.3	0.01	-2.38	1.00	26.16	0.01
0.4	0.02	-2.21	1.00	27.86	0.01
0.5	0.04	-2.04	1.00	29.56	0.02
0.6	0.04	-1.87	1.25	31.27	0.03
0.7	0.06	-1.70	1.59	32.97	0.04
0.8	0.06	-1.53	1.94	34.68	0.06
0.9	0.09	-1.36	2.28	36.38	0.09
1.0	0.14	-1.19	2.62	38.09	0.12
1.1	0.14	-1.02	2.96	39.79	0.15
1.2	0.21	-0.85	3.30	41.50	0.20
1.3	0.21	-0.68	3.64	43.20	0.25
1.4	0.29	-0.51	3.98	44.91	0.31
1.5	0.40	-0.34	4.32	46.61	0.37
1.6	0.40	-0.17	4.66	48.32	0.43
1.7	0.51	0.00	5.00	50.02	0.50
1.8	0.51	0.17	5.35	51.73	0.57
1.9	0.64	0.34	5.69	53.43	0.63
2.0	0.77	0.51	6.03	55.14	0.70
2.1	0.77	0.68	6.37	56.84	0.75
2.2	0.84	0.85	6.71	58.55	0.80
2.3	0.84	1.03	7.05	60.25	0.85
2.4	0.89	1.20	7.39	61.96	0.88
2.5	0.94	1.37	7.73	63.66	0.91
2.6	0.94	1.54	8.07	65.37	0.94
2.7	0.96	1.71	8.41	67.07	0.96
2.8	0.96	1.88	8.76	68.78	0.97
2.9	0.98	2.05	9.00	70.48	0.98
3.0	1.00	2.22	9.00	72.19	0.99

score	perc_rank	Z	stanine	Τ	perc_normal
0.0	0.01	-3.00	1.00	19.96	0.00
0.1	0.01	-2.83	1.00	21.69	0.00
0.2	0.01	-2.66	1.00	23.42	0.00
0.3	0.02	-2.48	1.00	25.15	0.01
0.4	0.02	-2.31	1.00	26.88	0.01
0.5	0.03	-2.14	1.00	28.62	0.02
0.6	0.03	-1.97	1.07	30.35	0.02
0.7	0.03	-1.79	1.42	32.08	0.04
0.8	0.05	-1.62	1.76	33.81	0.05
0.9	0.08	-1.45	2.11	35.54	0.07
1.0	0.13	-1.27	2.46	37.28	0.10
1.1	0.13	-1.10	2.80	39.01	0.14
1.2	0.17	-0.93	3.15	40.74	0.18
1.3	0.24	-0.75	3.49	42.47	0.23
1.4	0.24	-0.58	3.84	44.20	0.28
1.5	0.33	-0.41	4.19	45.93	0.34

score	$perc\_rank$	$\mathbf{z}$	stanine	Τ	perc_normal
1.6	0.42	-0.23	4.53	47.67	0.41
1.7	0.42	-0.06	4.88	49.40	0.48
1.8	0.51	0.11	5.23	51.13	0.55
1.9	0.63	0.29	5.57	52.86	0.61
2.0	0.75	0.46	5.92	54.59	0.68
2.1	0.75	0.63	6.27	56.33	0.74
2.2	0.82	0.81	6.61	58.06	0.79
2.3	0.87	0.98	6.96	59.79	0.84
2.4	0.87	1.15	7.30	61.52	0.88
2.5	0.90	1.33	7.65	63.25	0.91
2.6	0.94	1.50	8.00	64.99	0.93
2.7	0.94	1.67	8.34	66.72	0.95
2.8	0.96	1.85	8.69	68.45	0.97
2.9	0.98	2.02	9.00	70.18	0.98
3.0	1.00	2.19	9.00	71.91	0.99

 $fmi14\_mean$ 

score	$perc\_rank$	$\mathbf{Z}$	stanine	T	$perc\_normal$
0.0	0.00	-3.39	1.00	16.14	0.00
0.1	0.00	-3.19	1.00	18.11	0.00
0.2	0.00	-2.99	1.00	20.09	0.00
0.3	0.01	-2.79	1.00	22.06	0.00
0.4	0.01	-2.60	1.00	24.04	0.00
0.5	0.01	-2.40	1.00	26.01	0.01
0.6	0.02	-2.20	1.00	27.99	0.01
0.7	0.03	-2.00	1.00	29.96	0.02
0.8	0.04	-1.81	1.39	31.93	0.04
0.9	0.05	-1.61	1.78	33.91	0.05
1.0	0.09	-1.41	2.18	35.88	0.08
1.1	0.12	-1.21	2.57	37.86	0.11
1.2	0.15	-1.02	2.97	39.83	0.15
1.3	0.21	-0.82	3.36	41.81	0.21
1.4	0.25	-0.62	3.76	43.78	0.27
1.5	0.34	-0.42	4.15	45.76	0.34
1.6	0.39	-0.23	4.55	47.73	0.41
1.7	0.45	-0.03	4.94	49.70	0.49
1.8	0.58	0.17	5.34	51.68	0.57
1.9	0.63	0.37	5.73	53.65	0.64
2.0	0.76	0.56	6.13	55.63	0.71
2.1	0.80	0.76	6.52	57.60	0.78
2.2	0.83	0.96	6.92	59.58	0.83
2.3	0.89	1.16	7.31	61.55	0.88
2.4	0.91	1.35	7.71	63.53	0.91
2.5	0.95	1.55	8.10	65.50	0.94
2.6	0.96	1.75	8.50	67.48	0.96
2.7	0.97	1.94	8.89	69.45	0.97
2.8	0.99	2.14	9.00	71.42	0.98
2.9	0.99	2.34	9.00	73.40	0.99
3.0	1.00	2.54	9.00	75.37	0.99

Group: ja \$fmi13\_mean

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.00	-2.82	1.00	21.78	0.00
0.1	0.00	-2.65	1.00	23.47	0.00
0.2	0.00	-2.48	1.00	25.16	0.01
0.3	0.00	-2.31	1.00	26.85	0.01
0.4	0.00	-2.15	1.00	28.55	0.02
0.5	0.06	-1.98	1.05	30.24	0.02
0.6	0.09	-1.81	1.39	31.93	0.04
0.7	0.09	-1.64	1.72	33.62	0.05
0.8	0.09	-1.47	2.06	35.31	0.07
0.9	0.09	-1.30	2.40	37.00	0.10
1.0	0.12	-1.13	2.74	38.69	0.13
1.1	0.12	-0.96	3.08	40.38	0.17
1.2	0.12	-0.79	3.41	42.07	0.21
1.3	0.21	-0.62	3.75	43.76	0.27
1.4	0.27	-0.45	4.09	45.45	0.32
1.5	0.39	-0.29	4.43	47.15	0.39
1.6	0.52	-0.12	4.77	48.84	0.45
1.7	0.52	0.05	5.11	50.53	0.52
1.8	0.70	0.22	5.44	52.22	0.59
1.9	0.73	0.39	5.78	53.91	0.65
2.0	0.73	0.56	6.12	55.60	0.71
2.1	0.73	0.73	6.46	57.29	0.77
2.2	0.79	0.90	6.80	58.98	0.82
2.3	0.85	1.07	7.13	60.67	0.86
2.4	0.88	1.24	7.47	62.36	0.89
2.5	0.94	1.41	7.81	64.05	0.92
2.6	0.94	1.57	8.15	65.75	0.94
2.7	0.94	1.74	8.49	67.44	0.96
2.8	1.00	1.91	8.83	69.13	0.97
2.9	1.00	2.08	9.00	70.82	0.98
3.0	1.00	2.25	9.00	72.51	0.99

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.03	-2.16	1.00	28.37	0.02
0.1	0.03	-2.03	1.00	29.68	0.02
0.2	0.09	-1.90	1.20	30.98	0.03
0.3	0.09	-1.77	1.46	32.29	0.04
0.4	0.09	-1.64	1.72	33.59	0.05
0.5	0.09	-1.51	1.98	34.90	0.07
0.6	0.09	-1.38	2.24	36.21	0.08
0.7	0.12	-1.25	2.50	37.51	0.11
0.8	0.12	-1.12	2.76	38.82	0.13
0.9	0.15	-0.99	3.02	40.12	0.16
1.0	0.21	-0.86	3.29	41.43	0.20
1.1	0.21	-0.73	3.55	42.73	0.23
1.2	0.24	-0.60	3.81	44.04	0.28
1.3	0.24	-0.47	4.07	45.34	0.32

score	$perc\_rank$	$\mathbf{z}$	stanine	Τ	perc_normal
1.4	0.30	-0.33	4.33	46.65	0.37
1.5	0.45	-0.20	4.59	47.96	0.42
1.6	0.45	-0.07	4.85	49.26	0.47
1.7	0.58	0.06	5.11	50.57	0.52
1.8	0.58	0.19	5.37	51.87	0.57
1.9	0.67	0.32	5.64	53.18	0.62
2.0	0.67	0.45	5.90	54.48	0.67
2.1	0.67	0.58	6.16	55.79	0.72
2.2	0.76	0.71	6.42	57.09	0.76
2.3	0.76	0.84	6.68	58.40	0.80
2.4	0.82	0.97	6.94	59.71	0.83
2.5	0.91	1.10	7.20	61.01	0.86
2.6	0.91	1.23	7.46	62.32	0.89
2.7	0.91	1.36	7.72	63.62	0.91
2.8	0.91	1.49	7.99	64.93	0.93
2.9	0.97	1.62	8.25	66.23	0.95
3.0	1.00	1.75	8.51	67.54	0.96

score	perc_rank	Z	stanine	T	perc_normal
0.0	0.00	-2.69	1.00	23.09	0.00
0.1	0.00	-2.53	1.00	24.66	0.01
0.2	0.00	-2.38	1.00	26.23	0.01
0.3	0.03	-2.22	1.00	27.81	0.01
0.4	0.03	-2.06	1.00	29.38	0.02
0.5	0.03	-1.90	1.19	30.96	0.03
0.6	0.06	-1.75	1.51	32.53	0.04
0.7	0.06	-1.59	1.82	34.10	0.06
0.8	0.09	-1.43	2.14	35.68	0.08
0.9	0.12	-1.27	2.45	37.25	0.10
1.0	0.12	-1.12	2.77	38.83	0.13
1.1	0.12	-0.96	3.08	40.40	0.17
1.2	0.18	-0.80	3.39	41.97	0.21
1.3	0.24	-0.65	3.71	43.55	0.26
1.4	0.24	-0.49	4.02	45.12	0.31
1.5	0.33	-0.33	4.34	46.70	0.37
1.6	0.45	-0.17	4.65	48.27	0.43
1.7	0.45	-0.02	4.97	49.84	0.49
1.8	0.64	0.14	5.28	51.42	0.56
1.9	0.67	0.30	5.60	52.99	0.62
2.0	0.73	0.46	5.91	54.57	0.68
2.1	0.73	0.61	6.23	56.14	0.73
2.2	0.82	0.77	6.54	57.71	0.78
2.3	0.85	0.93	6.86	59.29	0.82
2.4	0.85	1.09	7.17	60.86	0.86
2.5	0.85	1.24	7.49	62.43	0.89
2.6	0.91	1.40	7.80	64.01	0.92
2.7	0.91	1.56	8.12	65.58	0.94
2.8	0.94	1.72	8.43	67.16	0.96
2.9	0.97	1.87	8.75	68.73	0.97

perc_normal	Т	stanine	$\mathbf{z}$	perc_rank	score
0.98	70.30	9.00	2.03	1.00	3.0

# $fmi14\_mean$

0.0         0.00         -2.82         1.00         21.78         0.0           0.1         0.00         -2.65         1.00         23.47         0.0           0.2         0.00         -2.48         1.00         25.16         0.0           0.3         0.00         -2.31         1.00         26.85         0.0           0.4         0.00         -2.15         1.00         28.55         0.0           0.5         0.06         -1.98         1.05         30.24         0.0           0.6         0.09         -1.81         1.39         31.93         0.0           0.7         0.09         -1.64         1.72         33.62         0.0           0.8         0.09         -1.47         2.06         35.31         0.0           0.9         0.09         -1.30         2.40         37.00         0.1           1.0         0.12         -1.13         2.74         38.69         0.1           1.1         0.12         -0.96         3.08         40.38         0.1
0.2       0.00       -2.48       1.00       25.16       0.0         0.3       0.00       -2.31       1.00       26.85       0.0         0.4       0.00       -2.15       1.00       28.55       0.0         0.5       0.06       -1.98       1.05       30.24       0.0         0.6       0.09       -1.81       1.39       31.93       0.0         0.7       0.09       -1.64       1.72       33.62       0.0         0.8       0.09       -1.47       2.06       35.31       0.0         0.9       0.09       -1.30       2.40       37.00       0.1         1.0       0.12       -1.13       2.74       38.69       0.1
0.3       0.00       -2.31       1.00       26.85       0.0         0.4       0.00       -2.15       1.00       28.55       0.0         0.5       0.06       -1.98       1.05       30.24       0.0         0.6       0.09       -1.81       1.39       31.93       0.0         0.7       0.09       -1.64       1.72       33.62       0.0         0.8       0.09       -1.47       2.06       35.31       0.0         0.9       0.09       -1.30       2.40       37.00       0.1         1.0       0.12       -1.13       2.74       38.69       0.1
0.4     0.00     -2.15     1.00     28.55     0.0       0.5     0.06     -1.98     1.05     30.24     0.0       0.6     0.09     -1.81     1.39     31.93     0.0       0.7     0.09     -1.64     1.72     33.62     0.0       0.8     0.09     -1.47     2.06     35.31     0.0       0.9     0.09     -1.30     2.40     37.00     0.1       1.0     0.12     -1.13     2.74     38.69     0.1
0.5     0.06     -1.98     1.05     30.24     0.0       0.6     0.09     -1.81     1.39     31.93     0.0       0.7     0.09     -1.64     1.72     33.62     0.0       0.8     0.09     -1.47     2.06     35.31     0.0       0.9     0.09     -1.30     2.40     37.00     0.1       1.0     0.12     -1.13     2.74     38.69     0.1
0.6     0.09     -1.81     1.39     31.93     0.0       0.7     0.09     -1.64     1.72     33.62     0.0       0.8     0.09     -1.47     2.06     35.31     0.0       0.9     0.09     -1.30     2.40     37.00     0.1       1.0     0.12     -1.13     2.74     38.69     0.1
0.7     0.09     -1.64     1.72     33.62     0.0       0.8     0.09     -1.47     2.06     35.31     0.0       0.9     0.09     -1.30     2.40     37.00     0.1       1.0     0.12     -1.13     2.74     38.69     0.1
0.8     0.09     -1.47     2.06     35.31     0.0       0.9     0.09     -1.30     2.40     37.00     0.1       1.0     0.12     -1.13     2.74     38.69     0.1
0.9     0.09     -1.30     2.40     37.00     0.1       1.0     0.12     -1.13     2.74     38.69     0.1
1.0 0.12 -1.13 2.74 38.69 0.1
1.1 0.12 -0.96 3.08 40.38 0.1
0 0.00 -0.00
1.2   0.12   -0.79   3.41   42.07   0.2
$1.3 \qquad 0.21  -0.62 \qquad 3.75  43.76 \qquad 0.2$
1.4   0.27   -0.45   4.09   45.45   0.3
1.5   0.39   -0.29   4.43   47.15   0.3
1.6 0.52 -0.12 4.77 48.84 0.4
1.7   0.52   0.05   5.11   50.53   0.5
$1.8 \qquad 0.70  0.22 \qquad 5.44  52.22 \qquad 0.5$
1.9   0.73   0.39   5.78   53.91   0.6
2.0   0.73   0.56   6.12   55.60   0.73
2.1   0.73   0.73   6.46   57.29   0.7
2.2 0.79 0.90 6.80 58.98 0.8
2.3 0.85 1.07 7.13 60.67 0.8
2.4 0.88 1.24 7.47 62.36 0.8
2.5 0.94 1.41 7.81 64.05 0.9
2.6 0.94 1.57 8.15 65.75 0.9
2.7 0.94 1.74 8.49 67.44 0.9
2.8 1.00 1.91 8.83 69.13 0.9
2.9 1.00 2.08 9.00 70.82 0.9
3.0   1.00   2.25   9.00   72.51   0.9

# 7.5 Split by Age

# 7.5.1 Stats

Median age in sample?

d\_w\_items\$Alter %>% median()

## [1] 49

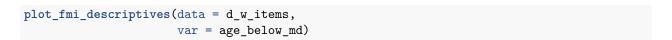
```
d_w_items <-
  d_w_items %>%
  mutate(age_below_md = if_else(Alter < median(Alter), "young", "old"))</pre>
```

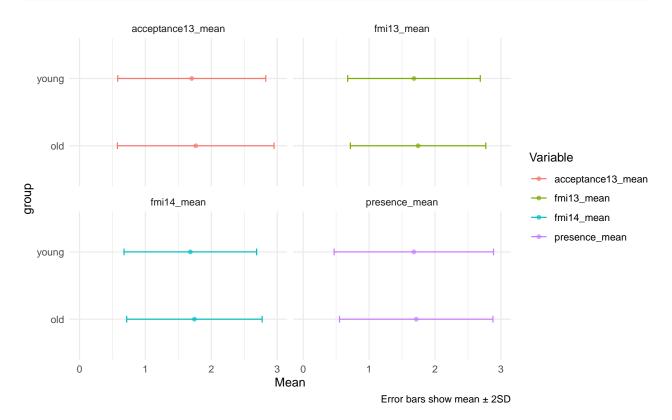
Table 69: age\_below\_md=old

Variable	Mean	Mean_0	01 SD	Range	Quartiles	Skewness	Kurtosis	n	n_Missing
acceptance13_	_mean76	0.59	0.59	(0.00, 3.00)	1.43, 2.14	-0.38	0.41	526	0
$fmi13\_mean$	1.74	0.58	0.51	(0.21, 3.00)	1.43,  2.07	-0.29	0.25	526	0
$fmi14\_mean$	1.74	0.58	0.51	(0.21, 3.00)	1.43,  2.07	-0.29	0.25	526	0
presence_mea	n 1.71	0.57	0.58	(0.00, 3.00)	1.33, 2.00	-0.38	0.39	526	0

Table 70: age\_below\_md=young

Variable	Mean	Mean_0	01 SD	Range	Quartiles	Skewness	Kurtosis	n	n_Missing
acceptance13_	mean70	0.57	0.56	(0.00, 3.00)	1.29, 2.00	-0.03	0.17	486	0
$fmi13\_mean$	1.68	0.56	0.50	(0.21, 3.00)	1.36, 2.00	0.01	0.14	486	0
$fmi14\_mean$	1.68	0.56	0.50	(0.21, 3.00)	1.36, 2.00	0.01	0.14	486	0
presence_mean	n 1.68	0.56	0.60	(0.00, 3.00)	1.33, 2.00	-0.09	0.05	486	0





#### **7.5.2** Norms

Group: young fmi13\_mean

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.00	-3.34	1.00	16.56	0.00
0.1	0.00	-3.14	1.00	18.55	0.00
0.2	0.00	-2.95	1.00	20.54	0.00
0.3	0.01	-2.75	1.00	22.53	0.00
0.4	0.01	-2.55	1.00	24.52	0.01
0.5	0.01	-2.35	1.00	26.51	0.01
0.6	0.02	-2.15	1.00	28.50	0.02
0.7	0.02	-1.95	1.10	30.49	0.03
0.8	0.04	-1.75	1.49	32.47	0.04
0.9	0.06	-1.55	1.89	34.46	0.06
1.0	0.09	-1.35	2.29	36.45	0.09
1.1	0.12	-1.16	2.69	38.44	0.12
1.2	0.16	-0.96	3.09	40.43	0.17
1.3	0.22	-0.76	3.48	42.42	0.22
1.4	0.27	-0.56	3.88	44.41	0.29
1.5	0.39	-0.36	4.28	46.40	0.36
1.6	0.45	-0.16	4.68	48.38	0.44
1.7	0.50	0.04	5.07	50.37	0.51
1.8	0.62	0.24	5.47	52.36	0.59
1.9	0.66	0.44	5.87	54.35	0.67
2.0	0.78	0.63	6.27	56.34	0.74
2.1	0.83	0.83	6.67	58.33	0.80
2.2	0.86	1.03	7.06	60.32	0.85
2.3	0.90	1.23	7.46	62.31	0.89
2.4	0.91	1.43	7.86	64.29	0.92
2.5	0.95	1.63	8.26	66.28	0.95
2.6	0.96	1.83	8.65	68.27	0.97
2.7	0.96	2.03	9.00	70.26	0.98
2.8	0.99	2.22	9.00	72.25	0.99
2.9	0.99	2.42	9.00	74.24	0.99
3.0	1.00	2.62	9.00	76.23	1.00

\$presence\_mean

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.01	-2.78	1.00	22.23	0.00
0.1	0.01	-2.61	1.00	23.89	0.00
0.2	0.02	-2.45	1.00	25.54	0.01
0.3	0.02	-2.28	1.00	27.20	0.01
0.4	0.02	-2.11	1.00	28.85	0.02
0.5	0.03	-1.95	1.10	30.51	0.03
0.6	0.03	-1.78	1.43	32.16	0.04
0.7	0.07	-1.62	1.76	33.82	0.05
0.8	0.07	-1.45	2.09	35.47	0.07
0.9	0.10	-1.29	2.42	37.12	0.10
1.0	0.15	-1.12	2.76	38.78	0.13
1.1	0.15	-0.96	3.09	40.43	0.17
1.2	0.23	-0.79	3.42	42.09	0.21
1.3	0.23	-0.63	3.75	43.74	0.27
1.4	0.31	-0.46	4.08	45.40	0.32
1.5	0.43	-0.30	4.41	47.05	0.38
1.6	0.43	-0.13	4.74	48.70	0.45
1.7	0.56	0.04	5.07	50.36	0.51
1.8	0.56	0.20	5.40	52.01	0.58
1.9	0.66	0.37	5.73	53.67	0.64
2.0	0.77	0.53	6.06	55.32	0.70
2.1	0.77	0.70	6.40	56.98	0.76
2.2	0.84	0.86	6.73	58.63	0.81
2.3	0.84	1.03	7.06	60.28	0.85
2.4	0.88	1.19	7.39	61.94	0.88
2.5	0.92	1.36	7.72	63.59	0.91
2.6	0.92	1.52	8.05	65.25	0.94
2.7	0.95	1.69	8.38	66.90	0.95
2.8	0.95	1.86	8.71	68.56	0.97
2.9	0.97	2.02	9.00	70.21	0.98
3.0	1.00	2.19	9.00	71.86	0.99

score	perc_rank	Z	stanine	Τ	perc_normal
0.0	0.00	-3.03	1.00	19.67	0.00
0.1	0.00	-2.85	1.00	21.45	0.00
0.2	0.01	-2.68	1.00	23.23	0.00
0.3	0.01	-2.50	1.00	25.02	0.01
0.4	0.01	-2.32	1.00	26.80	0.01
0.5	0.02	-2.14	1.00	28.58	0.02
0.6	0.03	-1.96	1.07	30.36	0.02
0.7	0.03	-1.79	1.43	32.14	0.04
0.8	0.04	-1.61	1.78	33.92	0.05
0.9	0.08	-1.43	2.14	35.70	0.08
1.0	0.13	-1.25	2.50	37.49	0.11
1.1	0.13	-1.07	2.85	39.27	0.14
1.2	0.18	-0.90	3.21	41.05	0.19
1.3	0.26	-0.72	3.57	42.83	0.24
1.4	0.26	-0.54	3.92	44.61	0.29
1.5	0.35	-0.36	4.28	46.39	0.36

score	$\mathrm{perc}\_\mathrm{rank}$	$\mathbf{z}$	stanine	Τ	perc_normal
1.6	0.46	-0.18	4.63	48.17	0.43
1.7	0.46	0.00	4.99	49.95	0.50
1.8	0.55	0.17	5.35	51.74	0.57
1.9	0.66	0.35	5.70	53.52	0.64
2.0	0.78	0.53	6.06	55.30	0.70
2.1	0.78	0.71	6.42	57.08	0.76
2.2	0.84	0.89	6.77	58.86	0.81
2.3	0.89	1.06	7.13	60.64	0.86
2.4	0.89	1.24	7.48	62.42	0.89
2.5	0.91	1.42	7.84	64.21	0.92
2.6	0.94	1.60	8.20	65.99	0.95
2.7	0.94	1.78	8.55	67.77	0.96
2.8	0.96	1.96	8.91	69.55	0.97
2.9	0.98	2.13	9.00	71.33	0.98
3.0	1.00	2.31	9.00	73.11	0.99

 $fmi14\_mean$ 

score	$perc\_rank$	$\mathbf{z}$	stanine	${ m T}$	$perc\_normal$
0.0	0.00	-3.34	1.00	16.56	0.00
0.1	0.00	-3.14	1.00	18.55	0.00
0.2	0.00	-2.95	1.00	20.54	0.00
0.3	0.01	-2.75	1.00	22.53	0.00
0.4	0.01	-2.55	1.00	24.52	0.01
0.5	0.01	-2.35	1.00	26.51	0.01
0.6	0.02	-2.15	1.00	28.50	0.02
0.7	0.02	-1.95	1.10	30.49	0.03
0.8	0.04	-1.75	1.49	32.47	0.04
0.9	0.06	-1.55	1.89	34.46	0.06
1.0	0.09	-1.35	2.29	36.45	0.09
1.1	0.12	-1.16	2.69	38.44	0.12
1.2	0.16	-0.96	3.09	40.43	0.17
1.3	0.22	-0.76	3.48	42.42	0.22
1.4	0.27	-0.56	3.88	44.41	0.29
1.5	0.39	-0.36	4.28	46.40	0.36
1.6	0.45	-0.16	4.68	48.38	0.44
1.7	0.50	0.04	5.07	50.37	0.51
1.8	0.62	0.24	5.47	52.36	0.59
1.9	0.66	0.44	5.87	54.35	0.67
2.0	0.78	0.63	6.27	56.34	0.74
2.1	0.83	0.83	6.67	58.33	0.80
2.2	0.86	1.03	7.06	60.32	0.85
2.3	0.90	1.23	7.46	62.31	0.89
2.4	0.91	1.43	7.86	64.29	0.92
2.5	0.95	1.63	8.26	66.28	0.95
2.6	0.96	1.83	8.65	68.27	0.97
2.7	0.96	2.03	9.00	70.26	0.98
2.8	0.99	2.22	9.00	72.25	0.99
2.9	0.99	2.42	9.00	74.24	0.99
3.0	1.00	2.62	9.00	76.23	1.00

Group: old \$fmi13\_mean

score	perc_rank	$\mathbf{z}$	stanine	Τ	perc_normal
0.0	0.00	-3.39	1.00	16.06	0.00
0.1	0.00	-3.20	1.00	18.01	0.00
0.2	0.00	-3.00	1.00	19.96	0.00
0.3	0.01	-2.81	1.00	21.90	0.00
0.4	0.01	-2.61	1.00	23.85	0.00
0.5	0.02	-2.42	1.00	25.80	0.01
0.6	0.03	-2.23	1.00	27.74	0.01
0.7	0.03	-2.03	1.00	29.69	0.02
0.8	0.05	-1.84	1.33	31.64	0.03
0.9	0.05	-1.64	1.72	33.58	0.05
1.0	0.09	-1.45	2.11	35.53	0.07
1.1	0.12	-1.25	2.50	37.48	0.11
1.2	0.14	-1.06	2.88	39.42	0.15
1.3	0.20	-0.86	3.27	41.37	0.19
1.4	0.23	-0.67	3.66	43.32	0.25
1.5	0.29	-0.47	4.05	45.27	0.32
1.6	0.34	-0.28	4.44	47.21	0.39
1.7	0.41	-0.08	4.83	49.16	0.47
1.8	0.54	0.11	5.22	51.11	0.54
1.9	0.61	0.31	5.61	53.05	0.62
2.0	0.74	0.50	6.00	55.00	0.69
2.1	0.77	0.69	6.39	56.95	0.76
2.2	0.81	0.89	6.78	58.89	0.81
2.3	0.89	1.08	7.17	60.84	0.86
2.4	0.90	1.28	7.56	62.79	0.90
2.5	0.94	1.47	7.95	64.73	0.93
2.6	0.96	1.67	8.34	66.68	0.95
2.7	0.97	1.86	8.73	68.63	0.97
2.8	0.99	2.06	9.00	70.57	0.98
2.9	0.99	2.25	9.00	72.52	0.99
3.0	1.00	2.45	9.00	74.47	0.99

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.01	-2.95	1.00	20.53	0.00
0.1	0.01	-2.78	1.00	22.25	0.00
0.2	0.01	-2.60	1.00	23.97	0.00
0.3	0.01	-2.43	1.00	25.69	0.01
0.4	0.03	-2.26	1.00	27.41	0.01
0.5	0.05	-2.09	1.00	29.12	0.02
0.6	0.05	-1.92	1.17	30.84	0.03
0.7	0.06	-1.74	1.51	32.56	0.04
0.8	0.06	-1.57	1.86	34.28	0.06
0.9	0.09	-1.40	2.20	36.00	0.08
1.0	0.14	-1.23	2.54	37.72	0.11
1.1	0.14	-1.06	2.89	39.43	0.15
1.2	0.19	-0.88	3.23	41.15	0.19
1.3	0.19	-0.71	3.57	42.87	0.24

score	perc_rank	$\mathbf{z}$	stanine	$\mathbf{T}$	perc_normal
1.4	0.28	-0.54	3.92	44.59	0.29
1.5	0.37	-0.37	4.26	46.31	0.36
1.6	0.37	-0.20	4.61	48.03	0.42
1.7	0.48	-0.03	4.95	49.75	0.49
1.8	0.48	0.15	5.29	51.46	0.56
1.9	0.61	0.32	5.64	53.18	0.62
2.0	0.77	0.49	5.98	54.90	0.69
2.1	0.77	0.66	6.32	56.62	0.75
2.2	0.84	0.83	6.67	58.34	0.80
2.3	0.84	1.01	7.01	60.06	0.84
2.4	0.90	1.18	7.35	61.77	0.88
2.5	0.94	1.35	7.70	63.49	0.91
2.6	0.94	1.52	8.04	65.21	0.94
2.7	0.96	1.69	8.39	66.93	0.95
2.8	0.96	1.86	8.73	68.65	0.97
2.9	0.98	2.04	9.00	70.37	0.98
3.0	1.00	2.21	9.00	72.09	0.99

score	perc_rank	Z	stanine	Т	perc_normal
0.0	0.01	-2.97	1.00	20.32	0.00
0.1	0.01	-2.80	1.00	22.00	0.00
0.2	0.02	-2.63	1.00	23.69	0.00
0.3	0.02	-2.46	1.00	25.37	0.01
0.4	0.02	-2.29	1.00	27.05	0.01
0.5	0.03	-2.13	1.00	28.74	0.02
0.6	0.04	-1.96	1.08	30.42	0.03
0.7	0.04	-1.79	1.42	32.11	0.04
0.8	0.06	-1.62	1.76	33.79	0.05
0.9	0.08	-1.45	2.09	35.47	0.07
1.0	0.12	-1.28	2.43	37.16	0.10
1.1	0.12	-1.12	2.77	38.84	0.13
1.2	0.16	-0.95	3.10	40.52	0.17
1.3	0.23	-0.78	3.44	42.21	0.22
1.4	0.23	-0.61	3.78	43.89	0.27
1.5	0.30	-0.44	4.11	45.57	0.33
1.6	0.37	-0.27	4.45	47.26	0.39
1.7	0.37	-0.11	4.79	48.94	0.46
1.8	0.48	0.06	5.12	50.62	0.52
1.9	0.60	0.23	5.46	52.31	0.59
2.0	0.73	0.40	5.80	53.99	0.66
2.1	0.73	0.57	6.14	55.68	0.71
2.2	0.81	0.74	6.47	57.36	0.77
2.3	0.85	0.90	6.81	59.04	0.82
2.4	0.85	1.07	7.15	60.73	0.86
2.5	0.89	1.24	7.48	62.41	0.89
2.6	0.94	1.41	7.82	64.09	0.92
2.7	0.94	1.58	8.16	65.78	0.94
2.8	0.96	1.75	8.49	67.46	0.96
2.9	0.97	1.91	8.83	69.14	0.97

score	perc_rank	Z	stanine	Т	perc_normal
3.0	1.00	2.08	9.00	70.83	0.98

 $fmi14_mean$ 

score	perc_rank	Z	stanine	Τ	perc_normal
0.0	0.00	-3.39	1.00	16.06	0.00
0.1	0.00	-3.20	1.00	18.01	0.00
0.2	0.00	-3.00	1.00	19.96	0.00
0.3	0.01	-2.81	1.00	21.90	0.00
0.4	0.01	-2.61	1.00	23.85	0.00
0.5	0.02	-2.42	1.00	25.80	0.01
0.6	0.03	-2.23	1.00	27.74	0.01
0.7	0.03	-2.03	1.00	29.69	0.02
0.8	0.05	-1.84	1.33	31.64	0.03
0.9	0.05	-1.64	1.72	33.58	0.05
1.0	0.09	-1.45	2.11	35.53	0.07
1.1	0.12	-1.25	2.50	37.48	0.11
1.2	0.14	-1.06	2.88	39.42	0.15
1.3	0.20	-0.86	3.27	41.37	0.19
1.4	0.23	-0.67	3.66	43.32	0.25
1.5	0.29	-0.47	4.05	45.27	0.32
1.6	0.34	-0.28	4.44	47.21	0.39
1.7	0.41	-0.08	4.83	49.16	0.47
1.8	0.54	0.11	5.22	51.11	0.54
1.9	0.61	0.31	5.61	53.05	0.62
2.0	0.74	0.50	6.00	55.00	0.69
2.1	0.77	0.69	6.39	56.95	0.76
2.2	0.81	0.89	6.78	58.89	0.81
2.3	0.89	1.08	7.17	60.84	0.86
2.4	0.90	1.28	7.56	62.79	0.90
2.5	0.94	1.47	7.95	64.73	0.93
2.6	0.96	1.67	8.34	66.68	0.95
2.7	0.97	1.86	8.73	68.63	0.97
2.8	0.99	2.06	9.00	70.57	0.98
2.9	0.99	2.25	9.00	72.52	0.99
3.0	1.00	2.45	9.00	74.47	0.99

# 8 Overview on descriptive statistics per subgroup

```
describe_distribution() %>%
  select(Variable, Mean, SD, IQR, Min, Max, n, .group)

subgroup_stats[[i]][["subgroup_var"]] <- subgroup_vars[i]
}

subgroup_stats_df <- do.call(rbind, subgroup_stats)

subgroup_stats_df <- subgroup_stats_df %>%
  mutate(group = str_remove(.group, "^.+=")) %>%
  select(-.group)

display(subgroup_stats_df)
```

Variable	Mean	SD	IQR	Range	n	subgroup_var	group
$fmi13\_mean$	1.71	0.51	0.71	(0.21, 3.00)	515	Geschlecht	female
$presence\_mean$	1.72	0.58	0.67	(0.00, 3.00)	515	Geschlecht	female
$acceptance 13\_me$	ean 1.73	0.57	0.86	(0.00, 3.00)	515	Geschlecht	female
$fmi14\_mean$	1.71	0.51	0.71	(0.21, 3.00)	515	Geschlecht	female
$fmi13\_mean$	1.71	0.51	0.57	(0.21, 3.00)	495	Geschlecht	$_{\mathrm{male}}$
presence_mean	1.67	0.60	0.67	(0.00, 3.00)	495	Geschlecht	$_{\mathrm{male}}$
$acceptance 13\_me$	ean 1.74	0.59	0.57	(0.00, 3.00)	495	Geschlecht	male
$fmi14\_mean$	1.71	0.51	0.57	(0.21, 3.00)	495	Geschlecht	male
$fmi13\_mean$	1.50	0.20	0.29	(1.36, 1.64)	2	Geschlecht	other
$presence\_mean$	1.33	0.00	0.00	(1.33, 1.33)	2	Geschlecht	other
$acceptance 13\_me$	ean 1.79	0.51	0.71	(1.43, 2.14)	2	Geschlecht	other
$fmi14\_mean$	1.50	0.20	0.29	(1.36, 1.64)	2	Geschlecht	other
$fmi13\_mean$	1.69	0.51	0.64	(0.21, 3.00)	792	$Achts\_regel$	no
presence_mean	1.65	0.59	0.67	(0.00, 3.00)	792	$Achts\_regel$	no
$acceptance 13\_me$	ean 1.72	0.59	0.71	(0.00, 3.00)	792	$Achts\_regel$	no
$fmi14\_mean$	1.69	0.51	0.64	(0.21, 3.00)	792	$Achts\_regel$	no
$fmi13\_mean$	1.81	0.49	0.57	(0.21, 3.00)	220	$Achts\_regel$	yes
presence_mean	1.86	0.56	0.67	(0.00, 3.00)	220	$Achts\_regel$	yes
$acceptance 13\_me$	ean 1.80	0.55	0.71	(0.00, 3.00)	220	$Achts\_regel$	yes
$fmi14\_mean$	1.81	0.49	0.57	(0.21, 3.00)	220	$Achts\_regel$	yes
$fmi13\_mean$	1.82	0.43	0.43	(0.71, 3.00)	116	Retreats	Multiple retreats per
							year
presence_mean	1.84	0.50	0.62	(0.33, 3.00)	116	Retreats	Multiple retreats per
							year
$acceptance 13\_me$	ean 1.81	0.48	0.54	(0.71, 3.00)	116	Retreats	Multiple retreats per
							year
$fmi14\_mean$	1.82	0.43	0.43	(0.71, 3.00)	116	Retreats	Multiple retreats per
							year
$fmi13\_mean$	1.68	0.52	0.64	(0.21, 3.00)	673	Retreats	Never
$presence\_mean$	1.64	0.59	0.67	(0.00, 3.00)	673	Retreats	Never
$acceptance 13\_me$	ean 1.70	0.60	0.71	(0.00, 3.00)	673	Retreats	Never
$fmi14\_mean$	1.68	0.52	0.64	(0.21, 3.00)	673	Retreats	Never
$fmi13\_mean$	1.71	0.45	0.57	(0.57, 2.93)	58	Retreats	Once a year
presence_mean	1.68	0.55	0.67	(0.17, 3.00)	58	Retreats	Once a year
acceptance13_me	ean 1.73	0.50	0.57	(0.71, 3.00)	58	Retreats	Once a year
$fmi14\_mean$	1.71	0.45	0.57	(0.57, 2.93)	58	Retreats	Once a year

Variable	Mean	SD	IQR	Range	n	subgroup_var	group
fmi13_mean	1.71	0.46	0.71	(0.93, 2.93)	86	Retreats	Once every couple of
				,			years
presence_mean	1.71	0.59	0.83	(0.67, 3.00)	86	Retreats	Once every couple of
							years
acceptance13_me	an1.74	0.53	0.71	(0.29, 3.00)	86	Retreats	Once every couple of
							years
$fmi14\_mean$	1.71	0.46	0.71	(0.93, 2.93)	86	Retreats	Once every couple of
							years
$fmi13\_mean$	1.89	0.55	0.71	(0.29, 2.79)	79	Retreats	Rarely
presence_mean	1.94	0.68	0.83	(0.00, 3.00)	79	Retreats	Rarely
acceptance13_me	an 1.93	0.63	0.71	(0.14, 3.00)	79	Retreats	Rarely
$fmi14\_mean$	1.89	0.55	0.71	(0.29, 2.79)	79	Retreats	Rarely
$fmi13\_mean$	1.67	0.59	0.79	(0.43, 2.79)	33	$Vip\_regel$	ja
presence_mean	1.66	0.77	1.00	(0.00, 3.00)	33	$Vip\_regel$	$\mathbf{j}\mathbf{a}$
acceptance13_me	an1.71	0.64	0.79	(0.29, 3.00)	33	$Vip\_regel$	$\mathbf{j}\mathbf{a}$
$fmi14\_mean$	1.67	0.59	0.79	(0.43, 2.79)	33	$Vip\_regel$	ja
$fmi13\_mean$	1.71	0.51	0.64	(0.21, 3.00)	979	$Vip\_regel$	nicht
presence_mean	1.70	0.59	0.67	(0.00, 3.00)	979	$Vip\_regel$	nicht
acceptance13_me	an1.73	0.58	0.57	(0.00, 3.00)	979	$Vip\_regel$	nicht
$fmi14\_mean$	1.71	0.51	0.64	(0.21, 3.00)	979	$Vip\_regel$	$\operatorname{nicht}$
$fmi13\_mean$	1.74	0.51	0.64	(0.21, 3.00)	526	$age\_below\_md$	old
presence_mean	1.71	0.58	0.67	(0.00, 3.00)	526	$age\_below\_md$	old
$acceptance 13\_me$	an1.76	0.59	0.71	(0.00, 3.00)	526	$age\_below\_md$	old
$fmi14\_mean$	1.74	0.51	0.64	(0.21, 3.00)	526	$age\_below\_md$	old
$fmi13\_mean$	1.68	0.50	0.64	(0.21, 3.00)	486	$age\_below\_md$	young
presence_mean	1.68	0.60	0.67	(0.00, 3.00)	486	$age\_below\_md$	young
acceptance13_me	an1.70	0.56	0.71	(0.00, 3.00)	486	$age\_below\_md$	young
$fmi14\_mean$	1.68	0.50	0.64	(0.21, 3.00)	486	$age\_below\_md$	young

Variable	Mean	group	subgroup_var	Subscale	name	SD
fmi13_mean	1.71	female	Geschlecht	fmi13	SD	0.51
presence_mean	1.72	female	Geschlecht	presence	SD	0.58
$acceptance 13\_mean$	1.73	female	Geschlecht	acceptance 13	SD	0.57
$fmi14\_mean$	1.71	female	Geschlecht	fmi14	SD	0.51
$fmi13\_mean$	1.71	$_{\mathrm{male}}$	Geschlecht	fmi13	SD	0.51
presence_mean	1.67	$_{\mathrm{male}}$	Geschlecht	presence	SD	0.60
$acceptance 13\_mean$	1.74	$_{\mathrm{male}}$	Geschlecht	acceptance 13	SD	0.59
$fmi14\_mean$	1.71	$_{\mathrm{male}}$	Geschlecht	fmi14	SD	0.51
fmi13_mean	1.50	other	Geschlecht	fmi13	SD	0.20
presence_mean	1.33	other	Geschlecht	presence	SD	0.00
acceptance13_mean	1.79	other	Geschlecht	acceptance13	SD	0.51

Variable	Mean	group	subgroup_var	Subscale	name	SD
fmi14_mean	1.50	other	Geschlecht	fmi14	SD	0.20
$fmi13\_mean$	1.69	no	$Achts\_regel$	fmi13	SD	0.51
presence_mean	1.65	no	$Achts\_regel$	presence	SD	0.59
$acceptance 13\_mean$	1.72	no	$Achts\_regel$	acceptance13	SD	0.59
fmi14_mean	1.69	no	$Achts\_regel$	fmi14	SD	0.51
fmi13_mean	1.81	yes	$Achts\_regel$	fmi13	SD	0.49
presence_mean	1.86	yes	$Achts\_regel$	presence	SD	0.56
$acceptance 13\_mean$	1.80	yes	$Achts\_regel$	acceptance13	SD	0.55
fmi14_mean	1.81	yes	$Achts\_regel$	fmi14	SD	0.49
fmi13_mean	1.82	Multiple retreats per year	Retreats	fmi13	SD	0.43
presence_mean	1.84	Multiple retreats per year	Retreats	presence	SD	0.50
acceptance13_mean	1.81	Multiple retreats per year	Retreats	acceptance13	SD	0.48
fmi14_mean	1.82	Multiple retreats per year	Retreats	fmi14	SD	0.43
fmi13_mean	1.68	Never	Retreats	fmi13	SD	0.52
presence_mean	1.64	Never	Retreats	presence	SD	0.59
acceptance13_mean	1.70	Never	Retreats	acceptance13	SD	0.60
fmi14_mean	1.68	Never	Retreats	fmi14	SD	0.52
fmi13_mean	1.71	Once a year	Retreats	fmi13	SD	0.45
presence_mean	1.68	Once a year	Retreats	presence	SD	0.55
acceptance13_mean		Once a year	Retreats	acceptance13	SD	0.50
fmi14_mean	1.71	Once a year	Retreats	fmi14	SD	0.45
fmi13_mean	1.71	Once every couple of years	Retreats	fmi13	SD	0.46
presence_mean	1.71	Once every couple of years	Retreats	presence	SD	0.59
acceptance13_mean	1.74	Once every couple of years	Retreats	acceptance13	SD	0.53
fmi14_mean	1.71	Once every couple of years	Retreats	fmi14	SD	0.46
fmi13_mean	1.89	Rarely	Retreats	fmi13	SD	0.55
presence_mean	1.94	Rarely	Retreats	presence	SD	0.68
acceptance13_mean		Rarely	Retreats	acceptance13	SD	0.63
fmi14_mean	1.89	Rarely	Retreats	fmi14	SD	0.55
fmi13_mean	1.67	ja	Vip_regel	fmi13	SD	0.59
presence mean	1.66	ja	Vip_regel	presence	SD	0.77
acceptance13_mean		ja	Vip_regel	acceptance13	SD	0.64
fmi14_mean	1.67	ja	Vip_regel	fmi14	SD	0.59
fmi13_mean	1.71	nicht	Vip_regel	fmi13	SD	0.51
presence_mean	1.70	nicht	Vip regel	presence	SD	0.59
	1.73	nicht	Vip_regel	acceptance13	SD	0.58
fmi14_mean	1.71	nicht	Vip_regel	fmi14	SD	0.51
fmi13_mean	1.74	old	age_below_md	fmi13	SD	0.51
presence mean	1.71	old	age_below_md	presence	SD	0.58
acceptance13_mean		old	age below md		SD	0.59
fmi14_mean	1.74	old	age_below_md	fmi14	$\overline{\mathrm{SD}}$	0.51
fmi13_mean	1.68	young	age_below_md	fmi13	SD	0.50
presence_mean	1.68	young	age_below_md	presence	SD	0.60
acceptance13 mean		young	age_below_md	-	SD	0.56
fmi14_mean	1.68	young	age below md	fmi14	SD	0.50
	1.00	young	age_below_ind	1111114	ענ	0.00

```
# subgroup_stats_long %>%
# ggplot(aes(x = Variable, color = group)) +
# geom_errorbar(aes(ymin = Mean-SD, ymax = Mean+SD), position = "dodge") +
# geom_point2(aes(y = Mean), alpha = .7, size = 2) +
# facet_wrap(subgroup_vars ~ Variable, scales = "free")
```

#### 8.1 Regression models

#### 8.1.1 m1

```
m1 <- lm(phq_sum ~ presence_mean + acceptance13_mean, data = d_w_items)
parameters(m1) %>% display()

performance(m1) %>% display
summary(m1)
```

Standardized data:

```
parameters(m1, standardize = "refit") %>% display
```

#### 9 Session info

```
sessionInfo()
```

```
## R version 4.4.1 (2024-06-14)
## Platform: x86 64-apple-darwin20
## Running under: macOS 15.4.1
## Matrix products: default
         /Library/Frameworks/R.framework/Versions/4.4-x86_64/Resources/lib/libRblas.0.dylib
## LAPACK: /Library/Frameworks/R.framework/Versions/4.4-x86_64/Resources/lib/libRlapack.dylib; LAPACK
## locale:
## [1] de_DE.UTF-8/de_DE.UTF-8/de_DE.UTF-8/C/de_DE.UTF-8/en_US.UTF-8
## time zone: Europe/Berlin
## tzcode source: internal
##
## attached base packages:
## [1] stats
                graphics grDevices utils
                                               datasets methods
                                                                   base
## other attached packages:
## [1] janitor_2.2.0
                           semPlot_1.1.6
                                              lavaan_0.6-19
                                                                 magrittr_2.0.3
## [5] gt_0.11.1
                           knitr_1.49
                                              DataExplorer_0.8.3 lubridate_1.9.3
## [9] forcats_1.0.0
                           stringr_1.5.1
                                              dplyr_1.1.4
                                                                 purrr_1.0.2
## [13] readr_2.1.5
                           tidyr_1.3.1
                                              tibble_3.2.1
                                                                 ggplot2_3.5.1
## [17] tidyverse_2.0.0
                           here_1.0.1
                                              see_0.10.0
                                                                 report_0.6.1
## [21] parameters_0.24.1
                           performance_0.13.0 modelbased_0.9.0
                                                                 insight_1.0.2
## [25] effectsize_1.0.0
                           datawizard_1.0.0
                                              correlation_0.8.6 bayestestR_0.15.2
## [29] easystats_0.7.4
## loaded via a namespace (and not attached):
## [1] mnormt_2.1.1
                           pbapply_1.7-2
                                              gridExtra_2.3
                                                                 fdrtool_1.2.18
## [5] rlang_1.1.4
                           snakecase_0.11.1
                                              rockchalk_1.8.157
                                                                 compiler_4.4.1
## [9] reshape2_1.4.4
                           png_0.1-8
                                              vctrs_0.6.5
                                                                 OpenMx_2.21.13
```