Supplemental Table 1. Translated digital evaluation form

Statement	Type of question	Response options
1. Your profession:	Multiple choice	o General practitioner o General practitioner resident o Intellectual disability physician o Intellectual disability physician resident o Physician assistant o Nurse specialist o No response
2. Number of years working experience in profession:	Multiple choice	o 0-3 o 3-10 o 10-25 o >25
3. Number of times participated in current course:	Multiple choice	o This is my first time o 2-5 times, including this one o > 5 times
4. You are:	Multiple choice	o Male o Female
5. Your age:	Multiple choice	o 25-35 years o 35-45 years o 45-55 years o > 55 years
6. You are working in the region:	Multiple choice	o Region Middle (Midden-Nederland) o Region North (Groningen) o Region North (Friesland) o Region North (Drenthe) o Region North (Zwolle/Flevoland) o Region North (Noord-Holland Noord) o Region North (Noord-Holland Midden) o Region North (Amsterdam/Almere) o Region East (Twente) o Region East (Gelre-IJssel) o Region East (De Gelderse Rivieren) o Region West (Rijnland & Midden-Holland) o Region West (Haaglanden) o Region West (Westland/Schieland/Delfland) o Region West (Rotterdam) o Region South (Nijmegen e.o.) o Region South (Zuidoost Brabant) o Region South (Limburg) o Region South (Kring Zuid-Holland Zuid) o Region South (Zeeland) o Region South (West-Brabant) o Region South (Midden-Brabant) o Region South (Noord-Brabant)
1. My overall impression of this course is positive	Opinion-based or Prediction-based	o Strongly disagree o Disagree o Neither agree nor disagree o Agree o Strongly agree
2. The course is well-organized	Opinion-based or Prediction-based	o Strongly disagree o Disagree o Neither agree nor disagree o Agree

		o Strongly agree
3. The quality of the teachers/speakers is good	Opinion-based or Prediction-based	o Strongly disagree o Disagree o Neither agree nor disagree o Agree o Strongly agree
4. The content of the course met my expectations	Opinion-based or Prediction-based	o Strongly disagree o Disagree o Neither agree nor disagree o Agree o Strongly agree
5. The content of the course is relevant to me	Opinion-based or Prediction-based	o Strongly disagree o Disagree o Neither agree nor disagree o Agree o Strongly agree
6. The programme is sufficiently varied to stay actively involved	Opinion-based or Prediction-based	o Strongly disagree o Disagree o Neither agree nor disagree o Agree o Strongly agree
7. The goal of this course (to update on new and practically relevant developments) has been achieved	Opinion-based or Prediction-based	o Strongly disagree o Disagree o Neither agree nor disagree o Agree o Strongly agree
8. I would recommend this course to colleagues	Opinion-based or Prediction-based	o Strongly disagree o Disagree o Neither agree nor disagree o Agree o Strongly agree
9. The location for this course was good.	Opinion-based or Prediction-based	o Strongly disagree o Disagree o Neither agree nor disagree o Agree o Strongly agree
10. The in-depth sessions on Thursday and Friday were of additional value because topics could be discussed in detail	Opinion-based or Prediction-based	o Strongly disagree o Disagree o Neither agree nor disagree o Agree o Strongly agree
11. I like this method of evaluation.	Opinion-based only	o Strongly disagree o Disagree o Neither agree nor disagree o Agree o Strongly agree
12. The most important message of this course that I will take home is:	Open question	
13. Tips and wishes for continuing medical education on this course's topics or other topics:	Open question	

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Supplemental Table 2. Mean weighted scores per question in the opinion-based method and the prediction-based method									
Question	Mean weighted scores per question compared with MANOVA					Mean weighted scores per question compared with t-test			
	Opinion-based method		Prediction-based method		p-value	Opinion-based method		Prediction-based method		p-value
	N	Mean score ± SD	N	Mean score ± SD		N	Mean score ± SD	N	Mean score ± SD	
1	160	4.08 ± 0.73	62	3.90 ± 0.50	0.090	160	4.08 ± 0.73	111	3.86 ± 0.50	**<0.01**
2	160	4.51 ± 0.61	62	4.14 ± 0.44	**<0.001**	160	4.51 ± 0.61	108	4.06 ± 0.47	**<0.001**
3	160	3.91 ± 0.75	62	3.77 ± 0.47	0.159	160	3.91 ± 0.75	107	3.73 ± 0.46	0.01
4	160	3.73 ± 0.85	62	3.72 ± 0.46	0.978	160	3.73 ± 0.85	107	3.69 ± 0.51	0.71
5	160	3.74 ± 0.76	62	3.83 ± 0.51	0.372	160	3.74 ± 0.76	107	3.77 ± 0.49	0.66
6	160	3.84 ± 0.78	62	3.77 ± 0.53	0.486	160	3.84 ± 0.78	111	3.76 ± 0.50	0.28
7	160	3.79 ± 0.90	62	3.76 ± 0.52	0.779	160	3.79 ± 0.90	102	3.71 ± 0.50	0.32
8	160	3.96 ± 0.88	62	3.88 ± 0.54	0.485	160	3.96 ± 0.88	107	3.83 ± 0.52	0.12
9	160	4.26 ± 0.73	62	3.99 ± 0.50	**0.009**	160	4.26 ± 0.73	102	3.96 ± 0.48	**<0.001**
10	160	3.04 ± 1.11	62	3.14 ± 0.64	0.484	160	3.04 ± 1.11	109	3.17 ± 0.59	0.21

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7   **Supplemental data: Code used for bootstrap analysis**

```
8    # NB Data is organized per likert-scale question.
9    # Rows are respondents, columns are id plus likert-scale options.
10   # In opinion-based files, the chosen likert-scale option is assigned 100, the others zero.
11   # In prediction-based files the percentages for the different likert-scale options add up to 100.
12   # example row opinion-based file:
13   # id q1_1 q1_2 q1_3 q1_4 q1_5
14   # 1  0   0   0   100  0
15   # example row prediction-based file:
16   # id q1_1 q1_2 q1_3 q1_4 q1_5
17   # 1   0   20  50  30   0
18
19   # Load libraries
20   library(rms)
21   library(foreign)
22   library(boot)
23
24   # Set working directory
25   setwd("***")
26
27   # Load data opinion-based method per question
28   data_om = read.spss("data_q1_om.sav")
29   # Load data prediction-based method per question
30   data_pm = read.spss("data_q1_pm.sav")
31
32   # Make dataframes
33   df1 <- data.frame(data_pm)
34   dd=datadist(df1)
35   options=(datadist='dd')
36   attach(df1)
37
38   df2 <- data.frame(data_om)
39   dd=datadist(df2)
40   options=(datadist='dd')
41   attach(df2)
42
43
44
45   # Bootstrap 95% CI for minimum number of subjects needed for stable outcomes
46
47   # Make function to determine minimum number of subjects required
48   numberneeded<- function(data, indices)
49          {
50
51          d <- data[indices,]
52
53          # save overall mean per column
54          v1means<-colMeans(d[2:6])
55
56          # determine difference between cumulative mean and overall mean
57          deviation= vector(length=nrow(d))
58          for (n in 1:nrow(d))
59                  {
60                  deviation[n]<-sum(abs(colSums(d[1:n,2:6])/n-v1means))
61                  }
62
63
64          # determine with how many subjects the average deviates less than 10 from overall mean
65          minnumber <- NULL
66          for (i in nrow(d):1)
67                  {
68                  if deviation[i] >= 10)
```

```
69                              {
70                                  minnumber = i+1
71                                  break
72                                  }
73                          }
74              return(minnumber)
75              }
76
77
78      # Set random seed
79      set.seed(123456)
80
81      # bootstrapping opinion-method data with R replications
82      results_om <- boot(data=df2, statistic=numberneeded, R=1000)
83      results_omperc <- results_om$t/nrow(df2)
84
85      # bootstrapping prediction-method data with R replications
86      results_pm <- boot(data=df1, statistic=aantalnodig, R=1000)
87      results_pmperc <- results_pm$t/nrow(df1)
88
89      # computing difference opinion and prediction method
90      results_dif <- results_om$t-results_pm$t
91      results_dif_perc <- results_omperc - results_pmperc
92
93
94
95      # view results voor numbers
96      plot(results_dif)
97
98      # get median of bootstrap draws (to use as point estimate)
99      median(results_om$t)
100     median(results_pm$t)
101     median(results_dif)
102
103     # get 95% confidence interval based on percentile method
104     ci_dif<-quantile(results_dif, probs = seq(0.025, 0.975, 0.95), names=FALSE)
105     ci_dif
106
107
108
109     # view results for percentages
110     plot(results_dif_perc)
111
112     # get median of bootstrap draws (to use as point estimate)
113     median(results_omperc)
114     median(results_pmperc)
115     median(results_dif_perc)
116
117     # get 95% confidence interval based on percentile method
118     ci_dif_perc<-quantile(results_dif_perc, probs = seq(0.025, 0.975, 0.95), names=FALSE)
119     ci_dif_perc
120
```