

The test-retest reliability of CA method, pilot study

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This study assesses the applicability of the test-retest reliability [1] of CA method [2] (CAM) and compares the results of individual CAM measurements in terms of meeting Klin's rule [3]. Reliability (reliability, reliability) is a statistical variable indicating the reliability of a test that measures human properties. It expresses whether similar results are obtained when the test is reused. According to Klin's rule, the reliability of the method should be at least 0.7. Thus, the correlation coefficient when applying reliability in the form of test-retest between measurements should be greater than 0.7. CAM is a colour association method that measures behavioural patterns using a colour scale. The study evaluates CAM measurements in a total of 7 respondents.

CAM is applied to 30 - 120 objects [4] (words or visual objects) presented to the respondent. The study includes the results of applying the test-retest reliability on two larger word modules (108 words and 120 words), as well as less extensive word modules (30 and 35 words).

Most of the psychic qualities of personality are variable over time, so with a longer time span the result achieved must necessarily differ, which is a normal and common phenomenon. [5] After a short period of time, when using other types of diagnostics, the so-called memorising effect arises due to memorising items. This phenomenon does not occur when using CAM, because this method is blind, so the memorising effect does not occur. In this study, the measured time periods, 9 days, 4 months, 1 year, and 12 years, were chosen for illustration. The first measurement is dated 2007, the last measurement is 2019.

The study confirmed that CAM measurements achieve correlation values above 0.7 in the application of word modules containing 108 and 120 words and a repeat range of up to 6 months. In these cases, the Klin rule is fulfilled. The positive confirmation of applicability of test-retest reliability using CAM will be followed by a study that includes measurements of 100 respondents. This study is to be conducted by an external scientific team. The expected date of publishing this study is in 2020. When using a low-word CAM, the study describes an example of 30 words and 35 words, compliance with Klin's rule cannot be guaranteed. There were cases where the condition was met, but also cases where the condition was not met. When applying CAM to a lower number of words, it is for situational use that has no long-term validity, but reflects the respondent's current state of mind and his / her psychological settings.

1. Introduction: CAM measures behaviour patterns using a colour scale. It consists of a diagnostic tool that uses a palette of eight colours and calibrated files of words, images and videos. These are adjusted to provide answers to specific questions or issues. Subsequently,

the collected data is automatically evaluated online in the computing core. The results of the diagnostics are concrete results in numeric form, which are represented by the output reports. In products in which artificial intelligence is used, the results of the diagnostics are reflected in a change in behaviour of the application.

Data for this study was collected by CAM diagnostics applied in (a) Internet Diagnostics DAP Services a.s. - Mental analysis of an Individual [6] using calibrated sets of 108 words; (b) Internet DAP Services a.s. - Profile of Individual [7] using calibrated 120 word files; (c) Internet DAP Services a.s. - Mental energy [8], using calibrated sets of 35 words, (d) The Internet application SportMind, in the module Psychic Energy [9], using 30 words. The study evaluates measurements in 7 respondents.

2. Methods and materials: Data collection took place within different environments that were either known to the respondents, or a part of activities that were familiar to the respondents. Part of the data was collected in the respondents' home environment (cases 1, 2, 3), part in the respondents' work environment (cases 4 and 5), and part in different environments during travel and preparation for sports performance (case 6 and 7). DAP Services, a.s. software, Internet application CAM diagnostics and Internet diagnostics SportMind were used for data collection and CAM diagnostics. Internet CAM diagnostics and the SportMind web application [11] are available online [10]. In both cases (No. 6 and 7), the SportMind diagnostics were performed via the interface of the freely downloadable SportMind application, which is available on Google Play for Android and Apple Store for Apple device versions.

The devices on which data was collected during the completion of the CAM diagnostics differed according to the period in which the data were collected, and also according to the type of CAM diagnostics. Between 2007 and 2019, a notebook device was used for DAP Services Internet diagnostics, Mental analysis of an Individual, the Profile of Individual, and the Psychic Energy module. It was necessary to have the program "ADOBE FLASH PLAYER" installed in the Internet browser, in version 10.2. The average time in which the diagnostics was performed was: 20 - 40 minutes for DAP Services Internet Diagnostics, Individual Profile module; 3-10 minutes for DAP Services Internet Diagnostics, Psychic Energy module.

Between 2018 and 2019, a tablet device was used to complete the SportMind diagnostics. SportMind must be installed and used only on tablets with the following minimum specifications: 4 cores, 2 GB RAM, Android version 5 and higher, resolution 1280x720. It takes an average of 8 minutes to complete.

3. Results: A total of 7 measurements were evaluated, $n = 7$. All measurements were carried out in the time period from 2007 to 2019. For the illustration, different measurement periods were chosen: 9 days, $n = 1$, 4 months, $n = 2$, 1 year, $n = 2$ and 12 years, $n = 2$. The frequency for completing the diagnosis ranged from: 1x daily, $n = 1$, 1-2x weekly, $n = 1$, 1x month and less regularly, $n = 3$, 1x year, $n = 2$. The average time for processing the diagnostic was 3 - 40 minutes.

The selected respondents had the following characteristics: Gender: male, $n = 4$, female, $n = 3$, Age: 17-41 at the time of data collection.

The diagnostic was carried out in the following forms: Data Collection Form: Internet Diagnostics DAP Services - Mental analysis of an Individual, n = 2, Internet Diagnostics DAP Services - Profile of Individual, n = 2, Internet Diagnostics DAP Services, a.s. - Psychic energy, n = 1, Internet application SportMind - Psychic energy, n = 2, The size of the calibrated word module ranged from 30 - 120 words. 30 words, n = 2, 32 words, n = 1, 108 words, n = 2, 120 words, n = 2.

Evaluation: The standard correlation coefficient on two frequency data series of the triplets chosen by the respondent is used for the evaluation.

List of individual measurements, cases no-1. - 7. Including the specific data on individual respondents and description of the state of respondents in the reference period:

Case 1 - Measurement of a sample of 108 words, 11 months

Data structure description:

- Gender: female
- Age: 32 years at first diagnosis
- Form of data collection: Internet diagnostics DAP Services a.s. - Mental analysis of an Individual
- The measurement was performed on a calibrated adult word module (108 words). The standard correlation coefficient on two frequency data series of the three respondents was used.

Table 1. - Comparison of correlation coefficients between individual measurements of case # 1

Date of the diagnostics	17. 6. 2009	11. 10. 2009	18. 10. 2009	1. 11. 2009	10. 1. 2010	30. 5. 2010
17. 6. 2009	x	0,91769	0,87715	0,85821	0,69130	0,49304
11. 10. 2009	0,91769	x	0,95059	0,95550	0,79707	0,55664
18. 10. 2009	0,87715	0,95059	x	0,94510	0,80406	0,57148
1. 11. 2009	0,85821	0,95550	0,94510	x	0,86404	0,66196
10. 1. 2010	0,69130	0,79707	0,80406	0,86404	x	0,88766
30. 5. 2010	0,49304	0,55664	0,57148	0,66196	0,88766	x

If no longer than 3 calendar months have elapsed between the two diagnostics, the measured correlation complies with Klin's rule. If the time span between diagnostics is within one calendar month, the measured correlation is always above 0.90 or more. At the same time, the gradual decrease in the correlation of the first measured diagnostic result up to 0.49 with the last diagnostic result during one year can be clearly observed. This supports the underlying hypothesis of the proposed OKAV model [11], which not only respects but directly assumes the interactive change potential of human consciousness over time.

Assuming that each keyword (its semantic meaning) is encoded in the human's long-term semantic memory and the colour association triple combination carries its realisation (action) memory component, then repeated correlation comparisons of diagnostic results to the same keywords (calibrated modules) for the same person, it will tell us about its changes in the internal structural organization of this information.

Further details of case # 1:

Education: university degree, Bc.

Condition: first married, about 2 months before first diagnosis

Children: childless

Occupation: Self-employed in health care

During monitoring without serious illness or incapacity for work, reported a common cold, virus, and fluctuating degrees of working fatigue.

During the observed period for case No.1, during which no significant external changes occurred in the monitored woman's real life, it can be stated that:

- a. One calendar month for an adult is a small period of time in which the individual's structuring of information will have a serious and externally perceptible change (correlations of diagnostic results are above 0.90 and more).
- b. Within three calendar months, the internal structure of information (values) has been gradually changing, but it can still be considered sufficiently stable and comparable (correlation of diagnostic results is around 0.85).
- c. Each further increase in time between measurements shows a continuously, and relatively continuously, decreasing value of correlation of diagnostic results, i.e. unambiguous identification of changes in individual information structure and thus a qualitative change of e.g. the hierarchy of life values and related feelings and attitudes. Between the diagnoses of 17 May 2009 and 30 May 2010, the value reached the level of 0.493. In the course of one year, there was a clear qualitative change in the internal structure of information.

Since it is probably not a structural change caused by external living conditions, this change had to take place from the very inner and consciously registerable initiative of the measured individual, that is, her level of feeling, and will inevitably manifest in the observable level of behavior.

Case 2 - Measurement on a sample of 108 words within 9 days

- Data structure description:
- Gender: male
- Age: 33 years
- Form of data collection: Internet diagnostics DAP Services a.s. - Mental analysis of an Individual
- The measurement was performed on a calibrated adult word module (108 words).

Table 2. - Comparison of correlation coefficients between individual measurements of case # 2

Date of the diagnosis	2012-06-12 10:05:23	2012-06-13 17:27:32	2012-06-15 0:04:55	2012-06-15 10:43:46	2012-06-18 23:50:17	2012-06-19 13:40:21	2012-06-20 13:48:44	2012-06-21 15:50:14	average
2012-06-12 10:05:23	x	0,75344531	0,87314552 8	0,75537793 5	0,74924428 9	0,74401651	0,77704556	0,68428246 1	0,76
2012-06-13 17:27:32	0,75344531	x	0,85605768 9	0,90592078 7	0,94168189 3	0,76754650 5	0,93062320 5	0,87091156 6	0,86
2012-06-15 0:04:55	0,87314552 8	0,85605768 9	x	0,86205475 2	0,85357806 4	0,86024484 2	0,84774509 1	0,76242489 7	0,85
2012-06-15 10:43:46	0,75537793 5	0,90592078 7	0,86205475 2	x	0,88028473 1	0,75761803 7	0,87345950 8	0,80218326 6	0,83
2012-06-18 23:50:17	0,74924428 9	0,94168189 3	0,85357806 4	0,88028473 1	x	0,82023250 3	0,93982768 6	0,87927182	0,87
2012-06-19 13:40:21	0,74401651	0,76754650 5	0,86024484 2	0,75761803 7	0,82023250 3	x	0,82777613 1	0,73942174 5	0,79
2012-06-20 13:48:44	0,77704556	0,93062320 5	0,84774509 1	0,87345950 8	0,93982768 6	0,82777613 1	x	0,86741239	0,87
2012-06-21 15:50:14	0,68428246 1	0,87091156 6	0,76242489 7	0,80218326 6	0,87927182	0,73942174 5	0,86741239	x	0,80
								average	0,83

Comparison of individual measurements:

The standard correlation coefficient on two frequency data series of the three respondents is used. It was an experiment where the respondent made 7 measurements within 9 days while maintaining the same word module and the resulting average correlation between individual measurements is 0.83 after rounding.

The correlation between the two diagnostic results fits the Klin rule, except for measurements with the longest time lag. This measurement showed a correlation coefficient value of 0.68.

Case 3 - Measurement on a sample of 120 words, within 12 years

diagnostics													
27.04.2007	x	0,64	0,73	0,69	0,53	0,70	0,65	0,77	0,41	0,67	0,60	0,66	0,64
02.02.2008	0,64	x	0,79	0,74	0,68	0,68	0,72	0,67	0,53	0,68	0,53	0,59	0,66
05.10.2008	0,73	0,79	x	0,83	0,79	0,76	0,82	0,79	0,60	0,76	0,66	0,64	0,74
24.11.2009	0,69	0,74	0,83	x	0,77	0,76	0,84	0,88	0,72	0,90	0,80	0,83	0,80
30.08.2010	0,53	0,68	0,79	0,77	x	0,75	0,82	0,65	0,72	0,70	0,55	0,66	0,69
23.05.2012	0,70	0,68	0,76	0,76	0,75	x	0,77	0,74	0,68	0,71	0,62	0,61	0,71
14.02.2014	0,65	0,72	0,82	0,84	0,82	0,77	x	0,82	0,70	0,83	0,70	0,67	0,76
13.01.2015	0,77	0,67	0,79	0,88	0,65	0,74	0,82	x	0,63	0,84	0,84	0,80	0,77
15.02.2016	0,41	0,53	0,60	0,72	0,72	0,68	0,70	0,63	x	0,76	0,68	0,74	0,65
14.12.2016	0,67	0,68	0,76	0,90	0,70	0,71	0,83	0,84	0,76	x	0,81	0,81	0,77
08.12.2017	0,60	0,53	0,66	0,80	0,55	0,62	0,70	0,84	0,68	0,81	x	0,77	0,69
29.03.2019	0,66	0,59	0,64	0,83	0,66	0,61	0,67	0,80	0,74	0,81	0,77	x	0,71
												average	0,71

Comparison of individual measurements:

The standard correlation coefficient on two frequency data series of the three respondents is used. It was an experiment, when the respondent made 12 measurements within 12 years while maintaining the same word module and the resulting average correlation between individual measurements is 0.71 after rounding. For a correlation between two diagnostic results performed within one year, the minimum value is 0.63, the highest value is 0.83. With a large time range (9 years), a correlation coefficient of up to 0.41 is evident. It is clear from the table that if the measurement is repeated in longer time periods (years), it is not possible to fulfill Klin's rule.

Case 5 - Measurement on a sample of 35 words, 5 months

Data structure description:

- Gender: female
- Age: 32 years
- Form of data collection: Internet diagnostics DAP Services a.s. - Psychic energy
- The measurement was performed on a calibrated word module for adults (35 words).

Table 5. Comparison of correlation coefficients between individual measurements of case 5

Date of the diagnostics	12.11.2009	23.11.09	01.12.2009	29.12.2009	10.01.2010	13.01.2010	25.01.2010	17.03.2010	average
12.11.2009	x	0,94094	0,87975	0,93689	0,83434	0,84467	0,81113	0,93951	0,88389
23.11.2009	0,94094	x	0,8715	0,9281	0,89563	0,77924	0,74596	0,91197	0,86762
01.12.2009	0,87975	0,8715	x	0,92642	0,83567	0,79428	0,77268	0,86916	0,8499229
29.12.2009	0,93689	0,9281	0,92642	x	0,92459	0,86465	0,85473	0,93195	0,9096186
10.01.2010	0,83434	0,89563	0,83567	0,92459	x	0,84695	0,82378	0,88429	0,8636071
13.01.2010	0,84467	0,77924	0,79428	0,86465	0,84695	x	0,97041	0,95868	0,8655543

25.01.2010	0,81113	0,74596	0,77268	0,85473	0,82378	0,97041	x	0,92778	0,8437814
17.03.2010	0,93951	0,91197	0,86916	0,93195	0,88429	0,95868	0,92778	x	0,91762
average	0,88389	0,8554	0,8449517	0,9050733	0,868485	0,869035	0,8492233	0,9139717	0,8737538

Comparison of individual measurements:

The standard correlation coefficient on two frequency data series of the three respondents is used. The measurement was repeatedly performed on a calibrated adult word module (35 word objects) over a period of five months. It was an experiment where the respondent made 8 measurements within 5 months while maintaining the same word module and the resulting average correlation between individual measurements is 0.87 after rounding. All correlations between two diagnostic results meet Klin's rule. The lowest correlation achieved is 0.77268.

Case 6 - Measurement on a sample of 30 words, over 1 year

Data structure description:

- Gender: male
- Age: 37 years
- Form of data collection: diagnostics in SportMind application - Psychic energy
- Measurements performed on a calibrated word module for adults (30 words).

Table 6. Comparison of correlation coefficients between individual measurements of case 6

Date of the diagnostics	7.8	7.8	8.9	19.9	19.10	17.11	26.11	1.12	9.12	25.12	11.1	20.1	4.2	23.2	5.3	16.3	18.3	24.3	14.4	22.4	5.5	20.5	15.6	24.7	average
07.08.2018	x	0,90	0,97	0,92	0,95	0,93	0,74	0,94	0,96	0,92	0,88	0,91	0,85	0,90	0,81	0,73	0,84	0,82	0,79	0,61	0,87	0,80	0,65	0,44	0,83
07.08.2018	0,90	x	0,90	0,83	0,99	0,99	0,67	0,91	0,92	0,81	0,82	0,86	0,90	0,84	0,72	0,63	0,75	0,72	0,75	0,63	0,90	0,72	0,56	0,34	0,77
08.09.2018	0,97	0,90	x	0,91	0,95	0,93	0,70	0,93	0,95	0,82	0,89	0,81	0,93	0,79	0,66	0,83	0,79	0,75	0,57	0,85	0,75	0,58	0,37	0,80	
19.09.2018	0,92	0,83	0,91	x	0,92	0,85	0,75	0,95	0,92	0,80	0,89	0,82	0,82	0,87	0,90	0,74	0,92	0,83	0,87	0,65	0,84	0,90	0,76	0,50	0,83
19.10.2018	0,95	0,89	0,95	0,92	x	0,96	0,74	0,95	0,95	0,86	0,93	0,80	0,94	0,82	0,67	0,84	0,80	0,78	0,58	0,82	0,74	0,62	0,36	0,81	
17.11.2018	0,93	0,89	0,93	0,85	0,96	x	0,70	0,92	0,93	0,89	0,81	0,93	0,77	0,93	0,73	0,58	0,75	0,76	0,68	0,52	0,80	0,66	0,50	0,29	0,76
26.11.2018	0,74	0,67	0,70	0,75	0,74	0,70	x	0,78	0,68	0,58	0,88	0,65	0,76	0,56	0,76	0,68	0,73	0,81	0,70	0,59	0,75	0,67	0,62	0,59	0,70
01.12.2018	0,94	0,91	0,93	0,95	0,95	0,92	0,78	x	0,93	0,90	0,91	0,86	0,87	0,89	0,86	0,70	0,88	0,85	0,82	0,64	0,88	0,82	0,66	0,47	0,83
09.12.2018	0,96	0,92	0,95	0,92	0,95	0,93	0,68	0,93	x	0,91	0,84	0,92	0,83	0,93	0,82	0,72	0,85	0,78	0,83	0,63	0,86	0,78	0,64	0,40	0,82
25.12.2018	0,92	0,81	0,92	0,90	0,95	0,99	0,75	0,90	0,91	x	0,86	0,88	0,80	0,91	0,82	0,68	0,87	0,82	0,75	0,57	0,81	0,73	0,65	0,46	0,80
11.01.2019	0,88	0,82	0,86	0,89	0,86	0,81	0,88	0,91	0,84	0,86	x	0,75	0,89	0,75	0,87	0,77	0,86	0,87	0,82	0,68	0,89	0,79	0,73	0,63	0,82
20.01.2019	0,91	0,86	0,89	0,82	0,93	0,93	0,65	0,86	0,92	0,88	0,75	x	0,72	0,91	0,71	0,62	0,74	0,70	0,71	0,54	0,78	0,64	0,53	0,24	0,74
04.02.2019	0,85	0,90	0,81	0,82	0,80	0,77	0,76	0,87	0,83	0,80	0,89	0,72	x	0,71	0,81	0,75	0,81	0,77	0,80	0,71	0,93	0,79	0,68	0,57	0,79
23.02.2019	0,90	0,84	0,93	0,87	0,94	0,93	0,56	0,89	0,93	0,91	0,75	0,91	0,71	x	0,75	0,57	0,79	0,73	0,69	0,51	0,76	0,66	0,52	0,24	0,75
05.03.2019	0,81	0,72	0,79	0,90	0,82	0,73	0,76	0,86	0,82	0,87	0,71	0,81	0,75	0,81	x	0,84	0,90	0,78	0,90	0,70	0,78	0,86	0,82	0,59	0,80
16.03.2019	0,73	0,63	0,66	0,74	0,78	0,68	0,68	0,70	0,72	0,77	0,62	0,75	0,57	0,84	0,84	x	0,84	0,74	0,86	0,65	0,75	0,73	0,82	0,58	0,71
18.03.2019	0,84	0,75	0,83	0,92	0,84	0,75	0,73	0,88	0,85	0,87	0,74	0,81	0,79	0,90	0,84	0,85	x	0,87	0,63	0,80	0,83	0,76	0,57	0,80	
24.03.2019	0,82	0,72	0,79	0,83	0,80	0,76	0,81	0,85	0,78	0,82	0,70	0,77	0,73	0,78	0,74	0,85	0,85	x	0,73	0,57	0,76	0,70	0,69	0,57	0,75
14.04.2019	0,79	0,75	0,75	0,87	0,88	0,86	0,70	0,82	0,83	0,82	0,71	0,80	0,69	0,90	0,86	0,87	0,87	0,73	x	0,76	0,78	0,83	0,82	0,58	0,78
22.04.2019	0,61	0,63	0,57	0,65	0,58	0,52	0,59	0,64	0,63	0,57	0,68	0,54	0,71	0,51	0,70	0,65	0,63	0,57	0,76	x	0,65	0,66	0,63	0,69	0,63

05.05.2019	0,87	0,90	0,85	0,84	0,82	0,80	0,75	0,88	0,86	0,81	0,89	0,78	0,93	0,76	0,78	0,75	0,80	0,76	0,78	0,65	x	0,77	0,68	0,51	0,79
20.05.2019	0,80	0,72	0,75	0,90	0,74	0,66	0,67	0,82	0,78	0,73	0,79	0,64	0,79	0,66	0,86	0,73	0,83	0,70	0,83	0,66	0,77	x	0,80	0,56	0,74
15.06.2019	0,65	0,56	0,58	0,76	0,62	0,50	0,62	0,66	0,64	0,55	0,73	0,53	0,68	0,52	0,82	0,82	0,76	0,69	0,82	0,63	0,68	x	0,60	0,67	
24.07.2019	0,44	0,34	0,37	0,50	0,36	0,29	0,59	0,47	0,40	0,46	0,63	0,24	0,57	0,24	0,59	0,58	0,57	0,57	0,58	0,69	0,51	0,56	x	0,49	
																							average	0,76	

Comparison of individual measurements:

The standard correlation coefficient on two frequency data series of the three respondents is used. The measurement took place over a period of 12 months in which the respondent ran and trained for longer distance runs. The average correlation of the results is 0.76, but we can say that the last measurements differ from the previous ones. Until May 2019, the respondent showed very stable results, in May 2019 he experienced a fatigue injury in the lower limb area and subsequently changed his lifestyle because he had to have a period of convalescence without running while his injuries healed. The measurements at that time are different and are different from the previous ones. They fall to values of 0.36, 0.34 or 0.29, in this case the respondent reacted by a choice of different colour selections than the initial measurements. The correlations between the two diagnostic results meet Klin's rule, except for measurements with the longest interval. This measurement showed a correlation coefficient value of 0.68.

More information about the respondent is available at <https://runeller.com/>.

Case 7 - Measurement on a sample of 30 words, 4.5 months

Data structure description:

- Gender: female
- Age: 17 years
- Form of data collection: diagnostics in SportMind application - Psychic energy
- Measurements performed on a calibrated word module for adults (30 words).

Table 7. Comparison of correlation coefficients between individual measurements of case 7

Date of d.	03.VI	10.VI	13.VI	17.VI	20.VI	24.VI	27.VI	01.VII	04.VII	08.VII	11.VII	14.VII	20.VII	28.VII	01.VIII	05.VIII	09.VIII	12.VIII	15.VIII	19.VIII	22.VIII	28.VIII	07.IX	11.IX	15.IX	23.IX	01.X	04.X	07.X	10.X	15.X	average		
06.03.2019 x	0,43 x																																	
06.10.2019		0,51 x																																
6/13/2019	0,67	0,51 x		0,5	0,56	0,16	0,64	0,5	0,55	0,51	0,49	0,51	0,31	0,68	0,44	0,55	0,54	0,56	0,42	0,42	0,54	0,59	0,43	0,41	0,38	0,37	0,55	0,35	0,48	0,39	0,52	0,48		
6/17/2019	0,41	0,39	0,5 x		0,69	0,81	0,81	0,81	0,64	0,7	0,75	0,52	0,59	0,7	0,74	0,72	0,82	0,52	0,69	0,76	0,83	0,73	0,73	0,71	0,7	0,63	0,87	0,7	0,63	0,72	0,85			
6/20/2019	0,5	0,52	0,56	0,66 x		0,42	0,76	0,68	0,72	0,74	0,67	0,71	0,57	0,76	0,6	0,75	0,65	0,59	0,67	0,67	0,68	0,75	0,75	0,68	0,59	0,67	0,59	0,69	0,7	0,66	0,74	0,66		
6/24/2019	0,12	0,49	0,18	0,61	0,42 x		0,4	0,81	0,54	0,56	0,69	0,34	0,52	0,44	0,81	0,54	0,81	0,26	0,51	0,56	0,52	0,81	0,57	0,53	0,47	0,58	0,52	0,47	0,43	0,59	0,54	0,49		
6/27/2019	0,5	0,53	0,94	0,61	0,76	0,4 x		0,82	0,66	0,81	0,84	0,55	0,6	0,7	0,82	0,64	0,59	0,51	0,52	0,64	0,8	0,71	0,61	0,8	0,47	0,51	0,51	0,5	0,53	0,6	0,66	0,59		
6/27.03.2019	0,38	0,66	0,51	0,61	0,66	0,91	0,62 x		0,68	0,83	0,74	0,5	0,68	0,54	0,63	0,69	0,63	0,57	0,68	0,58	0,65	0,78	0,69	0,49	0,51	0,6	0,69	0,43	0,61	0,67	0,57	0,61		
6/27.04.2019	0,49	0,6	0,95	0,64	0,72	0,54	0,66	0,68 x		0,65	0,69	0,66	0,66	0,72	0,59	0,69	0,68	0,55	0,62	0,71	0,54	0,77	0,64	0,47	0,6	0,65	0,62	0,62	0,64	0,55	0,65	0,63		
6/28.03.2019	0,49	0,58	0,51	0,7	0,74	0,56	0,81	0,82	0,85 x		0,89	0,66	0,63	0,76	0,81	0,77	0,83	0,58	0,71	0,75	0,8	0,79	0,88	0,79	0,75	0,63	0,71	0,74	0,81	0,73	0,87	0,72		
6/27.11.2019	0,46	0,68	0,46	0,79	0,67	0,69	0,64	0,74	0,69	0,89 x		0,62	0,64	0,69	0,83	0,66	0,76	0,54	0,67	0,74	0,75	0,81	0,83	0,73	0,69	0,76	0,7	0,63	0,73	0,79	0,76	0,72		
7/14/2019	0,59	0,43	0,51	0,52	0,71	0,34	0,55	0,6	0,68	0,66	0,63 x		0,5	0,77	0,58	0,63	0,72	0,71	0,78	0,63	0,64	0,74	0,67	0,45	0,69	0,77	0,72	0,7	0,73	0,88	0,65	0,63		
7/20/2019	0,48	0,55	0,31	0,59	0,57	0,52	0,6	0,48	0,68	0,83	0,84	0,5 x		0,6	0,72	0,73	0,75	0,54	0,67	0,74	0,6	0,6	0,59	0,55	0,6	0,71	0,47	0,65	0,67	0,85	0,78	0,6		
7/28/2019	0,61	0,44	0,58	0,7	0,76	0,44	0,7	0,54	0,72	0,76	0,69	0,77	0,6 x		0,71	0,69	0,72	0,53	0,67	0,63	0,68	0,71	0,71	0,67	0,65	0,7	0,62	0,7	0,66	0,69	0,76	0,66		
08.01.2019	0,51	0,41	0,44	0,74	0,6	0,81	0,62	0,63	0,59	0,81	0,83	0,58	0,72	0,71 x		0,74	0,8	0,84	0,76	0,81	0,79	0,79	0,84	0,77	0,78	0,61	0,78	0,73	0,8	0,8	0,86	0,71		
08.05.2019	0,49	0,58	0,95	0,72	0,75	0,54	0,64	0,69	0,69	0,77	0,66	0,63	0,73	0,69	0,74 x		0,77	0,72	0,84	0,87	0,77	0,6	0,78	0,62	0,72	0,78	0,75	0,73	0,8	0,76	0,78	0,71		
08.08.2019	0,67	0,64	0,54	0,62	0,65	0,51	0,56	0,61	0,68	0,83	0,79	0,72	0,76	0,72	0,8	0,77 x		0,74	0,78	0,77	0,81	0,75	0,76	0,67	0,66	0,79	0,76	0,86	0,71	0,85	0,72			
08.12.2019	0,7	0,39	0,56	0,52	0,56	0,26	0,51	0,57	0,55	0,58	0,54	0,71	0,54	0,53	0,84	0,72	0,74 x		0,82	0,72	0,78	0,74	0,84	0,52	0,57	0,71	0,83	0,62	0,83	0,88	0,72	0,83		
8/15/2019	0,5	0,4	0,42	0,69	0,67	0,51	0,52	0,68	0,62	0,71	0,67	0,78	0,67	0,79	0,84	0,78	0,82 x		0,86	0,77	0,81	0,8	0,6	0,81	0,9	0,83	0,81	0,87	0,85	0,78	0,72			
8/19/2019	0,45	0,48	0,42	0,76	0,67	0,59	0,64	0,68	0,71	0,75	0,74	0,63	0,74	0,63	0,81	0,87	0,77	0,72	0,72	0,86 x		0,74	0,85	0,81	0,61	0,78	0,83	0,8	0,78	0,83	0,79	0,78	0,72	
8/22/2019	0,58	0,55	0,54	0,63	0,68	0,52	0,6	0,65	0,54	0,8	0,75	0,64	0,6	0,66	0,79	0,77	0,81	0,76	0,77	0,74 x		0,73	0,8	0,79	0,58	0,76	0,83	0,65	0,8	0,88	0,88	0,7		
8/26/2019	0,58	0,56	0,59	0,73	0,75	0,61	0,71	0,78	0,77	0,75	0,81	0,74	0,6	0,71	0,79	0,8	0,75	0,74	0,81	0,85	0,73 x		0,86	0,68	0,74	0,78	0,88	0,74	0,81	0,77	0,75	0,75	0,74	
09.07.2019	0,43	0,42	0,43	0,73	0,75	0,57	0,61	0,68	0,64	0,86	0,83	0,67	0,59	0,71	0,84	0,76	0,76	0,64	0,8	0,81	0,8	0,86 x		0,85	0,79	0,84	0,81	0,87	0,87	0,8	0,79	0,73		
09.11.2019	0,45	0,34	0,41	0,73	0,68	0,53	0,6	0,49	0,47	0,75	0,73	0,45	0,55	0,67	0,77	0,62	0,67	0,52	0,6	0,61	0,79	0,66	0,85 x		0,56	0,65	0,66	0,72	0,73	0,71	0,76	0,63		
8/15/2019	0,39	0,27	0,38	0,71	0,59	0,47	0,47	0,51	0,8	0,75	0,69	0,69	0,6	0,65	0,78	0,72	0,86	0,57	0,81	0,76	0,58	0,74	0,79	0,56 x		0,88	0,71	0,83	0,8	0,87	0,72	0,85		
9/23/2019	0,44	0,41	0,37	0,7	0,67	0,58	0,51	0,6	0,65	0,83	0,79	0,77	0,71	0,7	0,81	0,78	0,79	0,71	0,9	0,83	0,76	0,78	0,84	0,65	0,88 x		0,79	0,88	0,88	0,82	0,87	0,72		
10.01.2019	0,64	0,4	0,35	0,63	0,59	0,52	0,51	0,69	0,62	0,71	0,7	0,72	0,47	0,62	0,76	0,75	0,78	0,83	0,83	0,8	0,83	0,86	0,81	0,69	0,71	0,79 x		0,71	0,65	0,8	0,75	0,7		
10.04.2019	0,41	0,38	0,35	0,67	0,66	0,47	0,5	0,43	0,62	0,74	0,63	0,7	0,65	0,7	0,72	0,73	0,73	0,52	0,81	0,76	0,65	0,74	0,87	0,72	0,83	0,89	0,71 x		0,84	0,74	0,76	0,61		
10.07.2019	0,56	0,37	0,48	0,7	0,7	0,43	0,52	0,41	0,64	0,81	0,73	0,73	0,67	0,66	0,6	0,8	0,86	0,53	0,87	0,83	0,8	0,81	0,87	0,73	0,8	0,89	0,85	0,84 x		0,72	0,84	0,73		
10.10.2019	0,5	0,47	0,39	0,63	0,66	0,56	0,6	0,67	0,55	0,73	0,73	0,66	0,65	0,69	0,6	0,76	0,71	0,68	0,85	0,79	0,86	0,77	0,8	0,71	0,67	0,82	0,8	0,74	0,72 x		0,81	0,69		
10/15/2019	0,638122	0,496656	0,517287	0,711779	0,740372	0,642298	0,663525	0,587272	0,646508	0,885392	0,798715	0,646968	0,77854	0,757932	0,862332	0,77																		

4. Discussion: The main aim of the study is to prove the applicability or impossibility of application of the test-retest reliability of CAM. The study confirmed that CAM measurements achieve correlation values above 0.7 in the case of the application of word modules containing 108 and 120 words and a repeat range of up to 6 months. Therefore, when applying CAM diagnostics with a lower number of words, this is a situational use that has no long-term validity, but reflects the respondent's current state and psychological settings.

This supports the hypothesis of the proposed OKAV model [12], which not only respects but directly assumes the interactive change potential of human consciousness over time.

Assuming that each keyword (its semantic meaning) is encoded in the human's long-term semantic memory and the colour association triple combination carries its realisation (action) memory component, then repeated correlation comparisons of diagnostic results to the same keywords (calibrated modules) for the same person, will tell us about changes in the internal structural organisation of this information.

In practice, word-based measurement tools containing more than 86 words are used to measure the more stable characteristics of a person. They are used in the field of Human Resources [13]. In routine practice, it is recommended to repeat this type of diagnosis after 6 months, when the correlation values fall below 0.7 and there are changes. Most of the psychic properties are variable over time, so the result achieved must necessarily differ with greater time spacing.

When using CAM diagnostic with a lower number of words, the study describes examples with 30 words and 35 words, there were cases where the condition was met, but also cases where the condition was not met. Thus, when applying CAM with a lower number of words, it is for situational use that does not have long-term validity, but reflects the respondent's current state and psychological settings. An example for its use is the SportMind diagnostics, the modul Psychic energy of athlete.

5. Conclusion: The main objective of the study is to demonstrate the applicability or impossibility of application of the test-retest reliability of CAM. The study confirmed that CAM measurements achieve correlation values above 0.7 in the case of the application of word modules containing 108 and 120 words and a repeat range of up to 6 months. In these cases, the Klin rule is fulfilled. A positive confirmation of applicability of the test-retest reliability of CAM will now be followed by a study involving the measurement of a larger sample of respondents. This study will be conducted by an external scientific team and is expected to be published in 2020. When using a low-word diagnostic of CAM, the study describes examples of 30 words and 35 words, compliance with Klin's rule cannot be guaranteed, as there were cases where the condition was met but also cases where the condition was not met. Therefore, when applying CAM diagnostics with a lower number of words, this is a situational use that has no long-term validity, but reflects the respondent's current state and psychological settings.

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