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Programs of Personality Tests

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Programs of personality tests (POPs) is oneself-concept creator, using personality tests or test similars. There are questionnaire, existance analysis, attitude measure, situation system, projective test, performance test, intelligence quotient, moral system, association method, logical analysis of inter persons, preference of conditioning test, and cognition-behavior system. A forest as pesonality by trees sumed as many characters save by databases of POPs system as new bandary theory.

This study deal with computer program of personality tests (POPs) ,for example, Program of Personality(Nakamaru,S. 2004).Tests of Programs of personality (POPs) is oneself-concept creator, using personality tests or test similars.

1. Programs of personality tests
1-1.Questionnaires
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POP system creates or deduces one person personality as self-concept that verbal behavior by personality test items. For questionnaire measure personality as factors by his decision making to items, POP system method changes from questionnaire items to affirmation, unknown, and negation of sentences as verbal character himself, program is self-presentation as oneself-concept (POP system, Nakamaru,S. 2004a). In addtion, program of personality in pleasure and unpleasure by fitness (puPOP) dealt with emotion controlled by fitness of self-concept, using POP system. Self concept fitted on expression occurs positive emotion but unfitness occurs negative emotion. The puPOP responses fitness or misfitness of one-self concept from input of informations . Positive emotion is elicited by fitted expression concept. And negative emotion is elicited by unfitness of them. In clinical and psychiatric problem, there is necessary of check, using POP system and so on, cases of fitness occur negative emotion and misfitness occur positive emotion.

1-1-2. Existance analysis

Existance analysis on POP system checks for himself and creates princple of himself. Questions are (1)What are you without human relation?, (2)What are you without your contribution?, (3)What are you without your past time(experience)?, (4)What are you without your past time(human relation), (5)What are you without your furture?, and (6)What are you with now and here only?. And the system creates database of his existance, as I am X.

1-1-3. Attitude measure

Attitudes measure on POP system checks for him and saves database of his attitudes. Questions are (1)What do you love X?,(2)What do you like X?,(3)What do you dislike X?,(4)What do you hate X? , (5)What do you think of useful for X? (6)What do you think X at good?, (7)What do you think X at goody?, (8)What do you think X at bad?, (9)What do you think X at bady?, and so on (X as food, drink, place, people, the time, situation, policy, and so on) . And attitude database is created by POPsystem (subject addtion; I like Y., I dislike Y., and so on). In addition, there is usuefull to use princple analysis or factor analysis for attitudes measured test on POP system .

1-1-4. Situation system

There is situation change in personality test or attitudes by the psychologist. Situations are social contribution, social position, emotional environment, pysical environment and so on. Personality on or under one situation is to compare change of reaction(action and emotion) with general reaction. Their effects are social or emotional facilitation and inhibition. This system modfies answers to items by situaions. Situation changes are direction of coquentry, see, care, attentiveness, and so on. For example, there is fitness for Lie score when situation changes under high pressure(fixed probabirity change). And the other technique is "on emotion('In angry time reaction')" to add on personality tests , existance check, and attitudes check.

1-2 Projective test

There are verbal contents as projection to vague and ambiguous figures(inkplot test, TAT), part of carton(P-F study), subjects(SCT) in projective tests. Subject responses to projective tests by working memory and databases of meaning -emotion netoworks in long term memory. There is priming effect on subject's verbal contents influenced temporary one's states. There is vague reaction belong desire, emotion, and inteligence by measure of situaton system. And the other techique is used by sentence complete test(SCT), for example, subject input to questions of "I am ","My chidren's day is", and so on.

1-3 Performance test

Performance test is analysis of performance line by shimple task(calculating number, checking mark, and so on). There are initial effort(IE) , final effort(FE), plato phenomenon(PP), consequence of performance(COP), and error

percentage(EP;emit and omit persentages) in time order by order. Database of POP system for performance tes t is complete performance percetage times personal percentage by IE, FE, PP, COP, EP.

1-4 Intelligence Quotient(IQ)

IQ tests are WAIS(Wechsler Adult Intelligence Scale),WASC(Wechsler Intelligence Scale of Children),Binet-Simon intelligence scale, and so on. In these tests, standard socre is averaged score in abilites of school literacy by each age. POP of IQ is limited abilities by measured results for oneself on computer . Limited abilities are probabilities or a part of langue, history, arithmetic ,formula databases, and so on. In addition, computer IQ is measured by IQ test or check test of school in each lesson. (in contribution)

1-5 Moral system

Moral system is a database tht checked of YES-NO, practice percentage (for example, seven pointed scale, magnitude scale, and so on)to steal(rob,appropriate,abstract,pinch,pick, pocket,sneak),muder(manslaughter,homicide, slaughter) ,fornication(adultery),lie(fib,falsehood),alcohol(drink,l iquor, spirit), harassment, violence, cult in common moral sense.

1-6 Association method

Association tests are method of free association as word-to-words and word-to-word and controlled association as WAT(word association test). In this viewpoint, there are databases of words network and RT(reaction time) on one POP.

1-7 Logical analysis of inter persons

This veiwpoint is logical analysis of personal interactive inter persons(Nakamaru,S. 2004b). Propositional logic use logic of not, and , or, xor, and so on.

1-8 Preference of conditioning test

Preference of conditioning test is analysis of favorite conditioning.

2. POPs for another person

On POPs for another person, this system creates database of another person when he think of another person (for example, your father, your mother, and so on).

3.Cognition-behavior system

Important problem in cognition-behavior system is probability between stimuluses, cognitions , behaviors, and emotions. In practice percentage, there are two types as cognition-behavior percentage and as behavior by behaviors percentage. Probablity of conections (sensory - perseption, perseption-cognition, cognition-decision , decsion-behavior) are what kind of condtioning procedure types(general conditioning procedures) and condtioning schedule (concreted conditioning procedures; FR,VR,FI,VI, and so on).

4 Conclusion

There is a forest (as personality) by trees sumed (as many characters) on databses of POPs system at one's age(picked up from one's experience) as new bandary theory. To think of future problem may be concept of self-body as physical, physiological, behavioral parts oneself. Physical parts are tall, weight, face, body-flame, skin, and so on. Physiological parts are HR, prespiration, temparature, micro vibration, sweat, and so on. And this point needs physiological changes by situation. Behavioral parts are respondent(refex) as two terms contingency, operant as tree terms contingency, personal behavioral tempo, and so on. Oneself concept means concepts of self-mind and self-body as within and without. System of Artificial cognition and disorder of cognition(Nakamaru,S. 2005) as averaged man is useful for POPs, too.

reference

Nakamaru, S. 2004a Program of personality. The 18th Japanese Society for Artificial Intelligence（日本人工知能学会第１８回大会），2C1-03, in JAPAN

中丸茂 2004b 対人行動の形式論理学 社会言語科学会第 14 回大会（The 14th JASS),166-167, in JAPAN

Nakamaru,S. 2005 Artificial Cognition and Disorder of Cognition. 6th Tsukuba International Conference On Memory, 46 **(reference for study ; Text or dictionary of general and clinical psychology)**

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Program Notes
PACKforPOPs
-association-ATPOP1.bas
           -ATPOP2.bas
           -readme.txt
-attitude-attitude.bas
-Cognition_Behavior-CBPOP.bas
                   -ReadMe
-existance-Existance.bas
-FS-FSDPOP.bas
   -FSPOP.bas
   -HRPOP.bas
-IQ-ReadmeforVTPOP.txt
   -VTPOP1.bas
   -VTPOP2.bas
   -VTPOP3.bas
   -VTPOP4.bas
   -VTPOP5.bas
   -VTPOP6.bas
-logical analysis-LAPOP.bas
-moral-MPOP.bas
-performance-PPOP.bas
-Preference_Conditioning-PCPOP1.bas
                        -PCPOP2.bas
-puPOP-puPOP.bas
-RT-RTPOP.bas
-self_image-SIPOP.bas
-situation-readme.txt
          -SCPOP.bas
-readme.txt
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