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Birth Of Adult Gifted Individuals And Ego-Gram

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Abstract

The purpose of this study was to investigate relations between adult gifted individuals' types of ego-gram and their birth season, So this study analyzed the differences in five self-states by birth season by using egogram test tools, focusing on college students from gifted schools in Korea. As a result of the analysis, it was found that there was no association between the five self-states and the birth season. By analyzing college students' self-state in various directions and applying the results obtained through it to the university education field, we hope that college students' self-state will change in a positive direction and their personal life will grow into a developing form.

Keywords: self-state, egogram test, major, gender, grade

Introduction

Egogram is a personality analysis cover designed in 1977 by American psychologist John M. Dusay (1977). He developed a standardized test tool to easily analyze five personality areas based on the AC analysis method (TA) of psychoanalyst Eric van. Egogram has a starting point in that humans have three modes of behavior related to thoughts or emotions, that is, three self-states.

According to Goulding (1972), it is important to have a positive and autonomous thinking activity and attitude of life by adjusting the parent self, the adult self, and the child self to suit the time and situation, centering on the adult self who has rational problem-solving and objective thinking activities. In other words, through the Egogram test, it is necessary to diagnose the self-state that is taking the lead inside, that is, psychological energy, and which self-state that is in a vulnerable state, and to explore my behavior, thinking activities, and interpersonal relationships based on this. Through this series of processes, we truly explore what we are in reality, laying the foundation for improving ourselves into a more positive shape and developing in a balanced direction. Therefore, this study aims to compare the differences in the five self-states of each birth season, using the Egogram test tool, centering on Korean university students.

Research Method

1. Subject of the study.

The subjects of this study consisted of 757 students enrolled in universities from Korean gifted schools in Korea. The first survey subjects were 935, but 178 missing respondents were excluded from the data analysis, and out of 757 respondents, 416 (55%) were male and 341 (45%) were female.

2. Egogram Check List inspection tool

In this study, the Egogram Check List used was developed based on Berne's alternating current analysis theory. This test tool is a checklist consisting of five self-states: critical parent self-state (CP), nurturing parent self-state (NP), adult self-state (A), compliant child self-state (AC), and free child self-state (FC). It

consisted of 50 questions (10 questions for each indicator) about five indicators. Each question is on the Likert scale (5-point rating scale), with 50 points per indicator, and the higher the score, the more psychological energy is used as the indicator. The reliability of this test tool is .74, the validity of the content is .84 and the conceptual validity is .87. This was verified by Woo Jae-hyun (1993) of the Korea Exchange Analysis Association (Korea Exchange Analysis Association, 1994).

3. Processing of data.

The data collected through the Egogram test were computerized using the SPSS+ program after going through the search process. First, The One Way Anova test was conducted to analyze the difference in self-state by birth season of the study subjects.

Research Results

1. The self-state of college students from gifted school differs according to the birth season

One Way Anova test was conducted to find out whether the self-state of college students from gifted school differs according to the birth season. The results are shown in Table 1, Table 2, and Table 3. It was analyzed that the association between the five self-states and the birth season did not appear in all humanities colleges, engineering colleges, and the entire student group. In other words, it is interpreted that the birth season does not affect the students' self-state. From these analysis results, we could see that students' innate self-state was formed regardless of the birth season.

Table 1. Adult gifted individuals' egogram by the birth season in total group

self-status	groups	average	standard deviation	SS	DF	MS	F
CP	spring	9.593	4.046	17.581	3	5.860	.546
	summer	10.363	3.507	1696.919	158	10.740	
	autumn	10.552	2.844	1714.500	146.335		
	winter	10.118	2.924				
	total	10.166	3.263				
NP	spring	13.031	3.763	5.969	3	1.990	.168
	summer	13.454	3.392	1865.643	158	11.808	
	autumn	13.078	3.879	1871.611	161		
	winter	12.932	2.941				
	total	13.092	3.409				
A	spring	11.968	3.074	29.862	3	9.954	1.617
	summer	11.878	2.433	972.335	158	6.154	
	autumn	11.763	2.364	1002.198	161		
	winter	10.983	2.208				
	total	11.543	2.494				
AC	spring	11.968	.660	12.674	3	4.225	.397
	summer	12.787	.565	1682.783	158	10.651	
	autumn	12.605	.551	1695.457	161		
	winter	12.339	.376				
	total	12.419	.254				
FC	spring	9.718	4.041	39.133	3	13.044	.977
	summer	10.212	3.586	2108.842	158	13.347	

	autumn	10.789	3.610	2147.975	161
	winter	9.559	3.495		
	total	10.012	3.652		

Table 2. Adult gifted individuals' egogram by the birth season in humanities colleges

self-status	groups	average	standard deviation	SS	DF	MS	F
	spring	10.866	3.642	10.063	3	3.354	. 311
	summer	10.142	3.880	496.357	46	10.790	
CP	autumn	10.000	2.708	506.420	49		
	winter	11.090	2.211				
	total	10.540	3.214				
	spring	13.066	4.026	25.452	3	8.484	.571
	summer	13.357	3.815	683.048	46	14.849	
NP	autumn	14.900	3.414	708.500	49		
	winter	13.000	4.024				
	total	13.500	3.802				
	spring	11.666	3.457	11.871	3	3.957	.558
	summer	11.142	2.178	326.129	46	7.090	
A	autumn	12.100	2.079	338.000	49		
	winter	10.727	2.412				
	total	11.400	2.626				
	spring	11.9333	4.09646	14.653	3	4.884	.769
	summer	12.2857	3.79126	593.827	46	12.909	
AC	autumn	13.4000	2.95146	608.480	49		
	winter	12.8182	3.06001				
	total	12.5200	3.52391				
	spring	10.1333	4.17247	43.430	3	14.477	.950
	summer	11.2857	3.51762	700.990	46	15.239	
FC	autumn	11.4000	4.52647	744.420	49		
	winter	9.0000	3.34664				
	total	10.4600	3.89772				

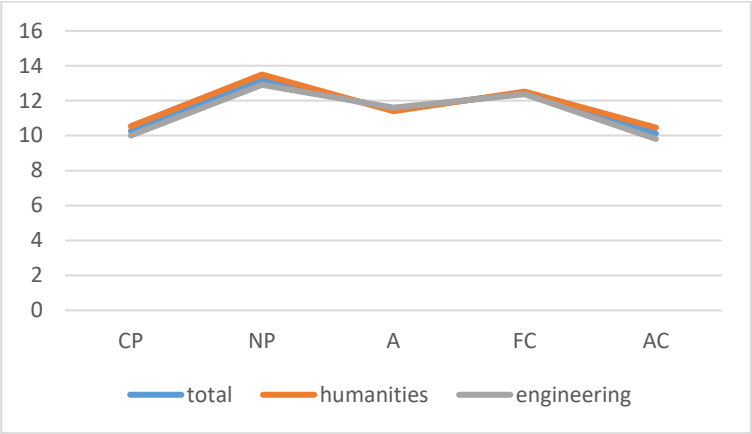
Table 3. Adult gifted individuals' egogram by the birth season in total group in engineering colleges

self-status	groups	average	standard deviation	SS	DF	MS	F
CP	spring	8.4706	4.15508	61.299	3	20.433	1.941
	summer	10.5263	3.30603	1136.701	108	10.525	
	autumn	10.7500	2.91389	1198.000	111		
	winter	9.8958	3.04043				
	total	10.0000	3.28524				
NP	spring	13.0000	3.64005	13.846	3	4.615	.438
	summer	13.5263	3.15116	1137.261	108	10.530	
	autumn	12.4286	3.88185	1151.107	111		
	winter	12.9167	2.68830				
	total	12.9107	3.22030				
A	spring	12.2353	2.77330	34.679	3	11.560	.120
	summer	12.4211	2.52357	628.036	108	5.815	
	autumn	11.6429	2.48274	662.714	111		
	winter	11.0417	2.18270				
	total	11.6071	2.44344				
AC	spring	12.0000	3.51781	15.137	3	5.046	. 509
	summer	13.1579	2.83359	1071.113	108	9.918	
	autumn	12.3214	3.54916	1086.250	111		
	winter	12.2292	2.87498				
	total	12.3750	3.12826				
FC	spring	9.3529	4.01468	23.379	3	7.793	.616
	summer	9.4211	3.51688	1365.684	108	12.645	
	autumn	10.5714	3.29341	1389.062	111		
	winter	9.6875	3.54999				
	total	9.8125	3.53752				

2. The graph shapes of mentally healthy of college students from gifted school

Based on the results of the Egogram test, we can draw five distribution graphs of self-state. In this study, a graph of the distribution of their self-state was compared for adult gifted students attending humanities and engineering colleges. According to Dusay's theory (1972), bell-shaped graphs appear a lot in very mentally-psychologically healthy people. On the other hand, the U-shaped graph is said to appear in people who have psychological problems or suffer from considerable problems in human relationships and social life. As a result of the analysis of this study, it was found that all three groups (humanities college, engineering college, and the total group) showed a graph shape close to a bell shape regardless of their major field. However, all of them showed significantly lower levels of adult egos than typical bell-shaped graphs.

Figure 1. Graph shapes of mentally healthy of college students from gifted school



Discussion

The purpose of this study was to compare and analyze the self status of adult gifted individuals by the birth seasons. To this end, this study conducted the One Way Anova test. As a result of examining what changes in adult gifted individuals' self-state occur according to the birth season. It was found that there are no associations between the five self-states and the birth season.

According to Dusay's (1972) energy homeostasis hypothesis, in the case of people who have problems adapting to real life or cannot live a smooth social life, a graph of "U-shaped" is shown. On the other hand, in the case of a person who maintains a balanced psychological state, desirable mental health and psychological energy is said to show a properly balanced bell-shaped graph. Therefore, while providing university education to students, it is necessary to think deeply about how to lead them through active intervention so that their self-state graphs change into bell-shaped forms as the grade goes up. Through this series of planned educational interactions, it is expected that the self-state of college students will change in a positive direction, and through this, their human relationships and personal life will be able to grow into a developmental form.

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