

# Fractional indicators of psychodynamic signs and inner-group bonds in various constitutional types of Georgian women (20–55 years old)

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## ABSTRACT

175 women, of 20 – 55 years old, had been researched and divided in 7 scales of age. The Psychodynamic indicators of each woman were defined in accordance to classic methods; the research showed that Sanguine temperament and extroversive character in younger age Georgian women; in under-aged women – Phlegmatic temperament and introversion. Middle logic intellect and various types of mood were observed in all scales of age. Extroverts are plastic, dynamic, constant and stable with middle excitation; while introverts are constant, stable, firm and dynamic with high exciting constitutional types. As it is known only things, existing in nature satisfy the requirements of living organisms; an individual realizes the satisfaction of its requirements on account of things that really exist in the nature; so its conduct is determined with some kind of mood towards these things, i.e. the conduct is somehow expedient. The theories of fast mood created by D. Uznadze are the very theories that form the basis of all psychic activities of a man.

**KEYWORDS:** *psychodynamic introversion, extroversion, excitable, verbal*

## MATERIAL AND METHODS

Various features of dispositions had been defined by us on the basis of the method of fast mood research; and for defining intellect, temperament and character [3,5,6] we used approved questionnaires and schemes.

## RESULTS AND DISCUSSION

Scale of age of 20-24 years old women. In this group there dominate Sanguine temperament (29,23%), extroversive character (52,31%), middle logic intellect (64,32%), excitation (53,85%), weak dynamics (53,85%) and strong static character (53,85%) - in types of mood.

Scale of age of 25-29 years old women. In this group there dominate Sanguine temperament (34,29%), extroversive character (51,43%), middle logic (54,29%) and middle verbal intellect (54,29%), weak dynamics (57,14%) and strong static character (57,14%) - in types of mood.

Scale of age of 30-34 years old women. In this group there dominate Melancholic (40,00%) and Sanguine (40,00%) temperament; extroversive and introversive types each have equal quantity (50,00%), middle verbal intellect dominates in intellect (60,00%); in types of mood all indicators are the same (50,00%).

Scale of age of 35-39 years old women. In this group there dominate Phlegmatic (50,00%) temperament, introversive character (60,00%), middle logic (60,00%) and middle verbal (60,00%) intellect, strong excitation (60,00%) and strong dynamics (60,00%) in mood.

Scale of age of 40-44 years old women. In this group there dominate Sanguine (40,00%) temperament, extroversive character (53,33%), middle logic intellect (60,00%), weak excitation (53,33%), weak dynamics (53,33%) and strong static character (53,33%) in mood.

Scale of age of 45-49 years old women. In this group there dominate Phlegmatic (60,00%) temperament, introversive character (60,00%), middle logic intellect (53,33%), weak static character (60,00%), strong excitation (60,00%) and strong dynamics (60,00%) in mood.

Scale of age of 50-54 years old women. In this group there dominate Sanguine (40,00%) temperament, introversive character (52,00%), middle logic intellect (60,00%), and weak excitation (52,00%) and weak dynamics (52,00%) in mood.

## DISCUSSION

In the scale of age of 20-24 year old women there are noticed the following inner-group bonds among psychodynamic indicators:

Between temperament types and character forms there exists the following co-relationship:

- Melancholic temperament to introversion 0,291, to extroversion 0,291;
- Phlegmatic temperament to introversion 0,293, to extroversion 0,293;
- Choleric temperament to introversion 0,296, to extroversion 0,296;
- Sanguine temperament to introversion 0,272, to extroversion 0,272.

Between the temperament and intellect subtypes:

- Melancholic temperament to logic 0,301; verbal – 0,297; mathematical intellect – 0,268;
- Phlegmatic temperament to logic 0,354; verbal – 0,353; mathematical intellect – 0,337;
- Choleric temperament to logic 0,379; verbal – 0,290; mathematical intellect – 0,290;
- Sanguine temperament to logic 0,302; verbal – 0,307; mathematical intellect – 0,307.

Between the temperament and mood types there exist the following bonds:

- Melancholic temperament to excitation – 0,248; to static character – 0,248; to dynamics – 0,248;
- Phlegmatic temperament to excitation – 0,259; to static character – 0,259; to dynamics – 0,259;
- Choleric temperament to excitation – 0,176; to static character – 0,176; to dynamics – 0,176;

- Sanguine temperament to excitation – 0,306; to static character – 0,306; to dynamics – 0,306. The same scheme is used in discussion of co-relations of psychodynamic importance of all other scales of age between women.

| Names of signs       | Percents according to categories |                 |               |                    |
|----------------------|----------------------------------|-----------------|---------------|--------------------|
|                      | A                                | B               | C             | D                  |
| <i>Temperaments:</i> |                                  |                 |               |                    |
| Melancholic          | Yes : 20.00%                     | No : 80.00%     | -             | -                  |
| Phlegmatic           | Yes : 27.69%                     | No : 72.31%     | -             | -                  |
| Choleric             | Yes : 23.08%                     | No : 76.92%     | -             | -                  |
| Sanguine             | Yes : 29.23%                     | No : 70.77%     | -             | -                  |
| <i>Character:</i>    |                                  |                 |               |                    |
| Introvertive         | Yes : 47.69%                     | No : 52.31%     | -             | -                  |
| Extravert            | Yes : 52.31%                     | No : 47.69%     | -             | -                  |
| <i>Intellect:</i>    |                                  |                 |               |                    |
| Logic                | Low : 9.22%                      | Middle : 64.62% | High : 13.85% | Very high : 12.31% |
| Verbal               | Low : 12.31%                     | Middle : 61.54% | High : 15.38% | Very high : 10.77% |
| Mathematical         | Low : 12.31%                     | Middle : 61.54% | High : 18.46% | Very high : 7.69%  |
| <i>Mood:</i>         |                                  |                 |               |                    |
| Excitation           | Weak : 53.85%                    | Strong : 46.15% | -             | -                  |
| Static character     | Weak : 46.15%                    | Strong : 53.85% | -             | -                  |
| Dynamics             | Weak : 53.85%                    | Strong : 46.15% | -             | -                  |

**Tab.1** Percents for Psychometric signs, women (20-24 years old).

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## **Долевые показатели психодинамических знаков и внутригрупповые связи в разных конституционных типах грузинских женщин в возрасте от 20 до 55 лет**

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### **Р Е З Ю М Е**

Обследовано 175 женщин - грузинок в возрасте от 20 до 55 лет с их подразделением на 7 возрастных подгрупп. Классическим методом определены психодинамические показатели каждой обследованной. Оказалось, что среди женщин-грузинок молодого возраста отмечается сангвинический темперамент и по характеру – экстраверсия; а среди пожилых – флегматический темперамент и интроверсия. Во всех возрастных группах установлен средний логический интеллект и настроение различного типа: экстраверты являются типами пластико-динамическим, константо-стабильным со средней возбудимостью, а интроверты – константо-стабильным, прочно-динамическими, конституционными типами с высокой возбудимостью. Известно, что индивид удовлетворяет свои потребности только за счет использования реально существующих предметов. Поэтому его поведение определяется настроением по отношению к этим предметам, т.е. поведение индивида определено целесообразно. Психическая активность человека осуществляется в соответствии с теорией фиксированного настроения, созданной акад. Д.Узнадзе.

**Ключевые слова:** *психодинамическая интроверсия, экстраверсия, возбудимость, вербальный*