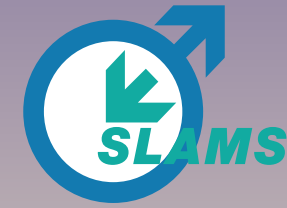


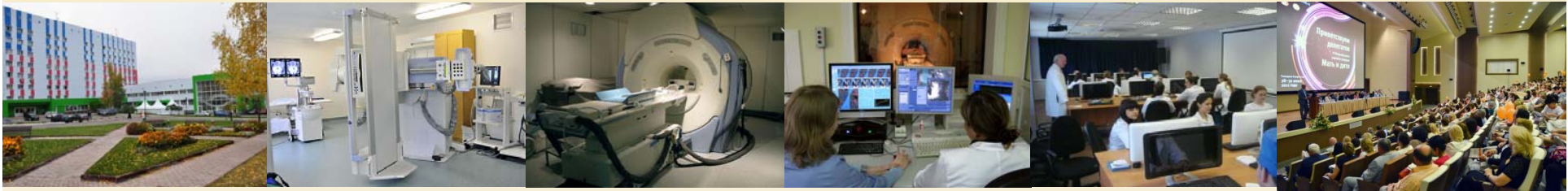


**16<sup>th</sup> World Meeting on  
Sexual Medicine**  
8 - 12 October 2014 - São Paulo, Brazil  
[www.issmslams2014.org](http://www.issmslams2014.org)



## **OPEN CROSS-SECTIONAL STUDY OF THE CLINICAL TYPES OF SEXUAL DYSFUNCTION, PERSONALITY TRAITS AND PSYCHOLOGICAL STATUS IN WOMEN WITH INFERTILITY**

**N. STENYAEVA<sup>1</sup>, A. CHAUSOV<sup>1</sup>, D. CHRITININ<sup>2</sup>, G. SUKHIKH<sup>1,2</sup>**



**1 -Federal State Budget Institution "Research Center for Obstetrics, Gynecology and Perinatology" Ministry of Healthcare of the Russian Federation, Russia**  
**2 - I.M.SECHENOV FIRST MOSCOW STATE MEDICAL UNIVERSITY, Russia**

## **CONFLICT OF INTEREST**

**❑ Our presentation doesn't include discussion of any products or services from the above listed commercial interests as identified below:**

- Grants/research support**
- Consultant**
- Stock shareholder (directly purchased)**
- Honorarium**
- Other financial or material support**

# OBJECTIVE

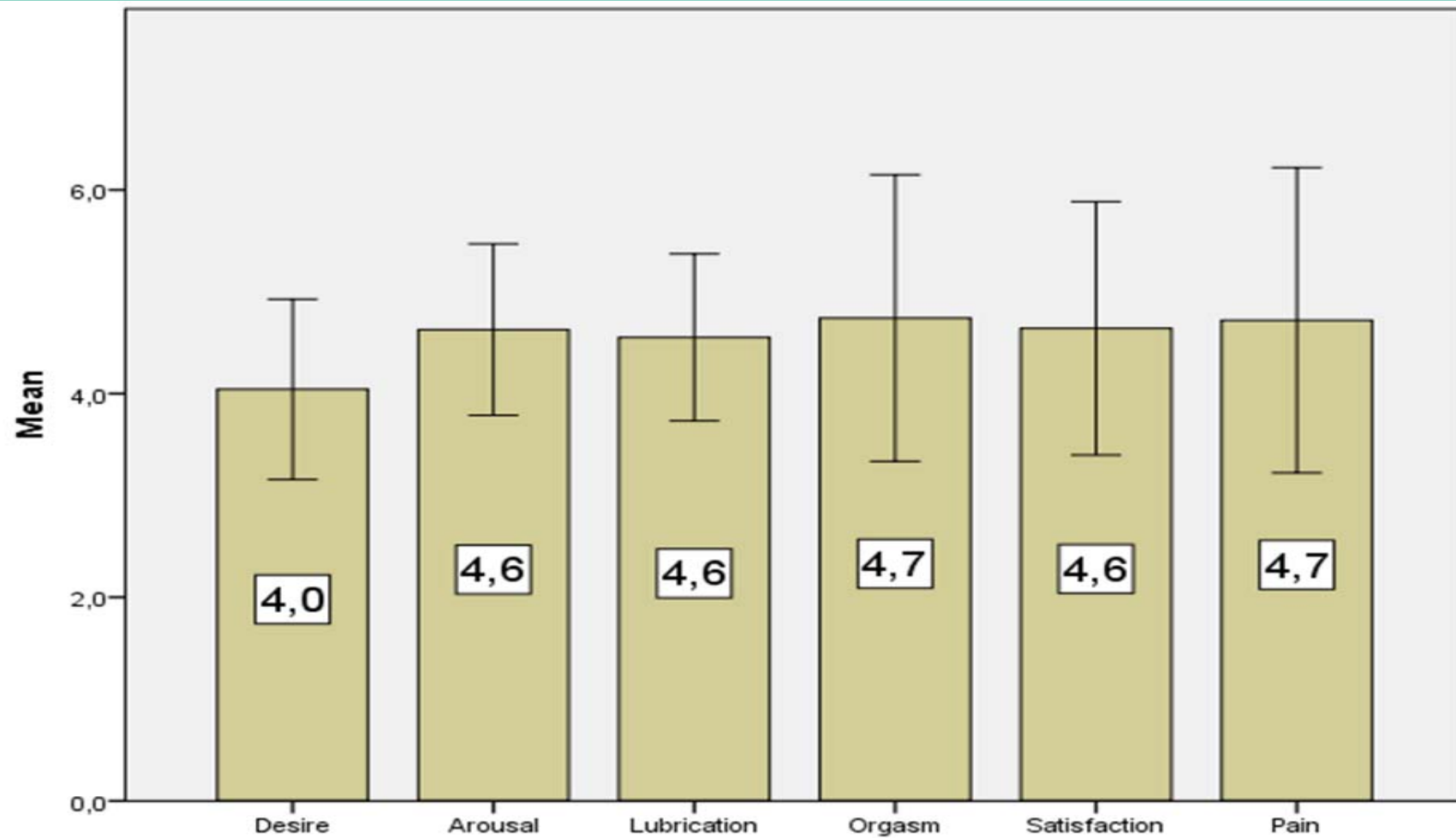
To assess the clinical types of sexual dysfunction, personality traits and psychological status in infertile women



**214 patients completed:**

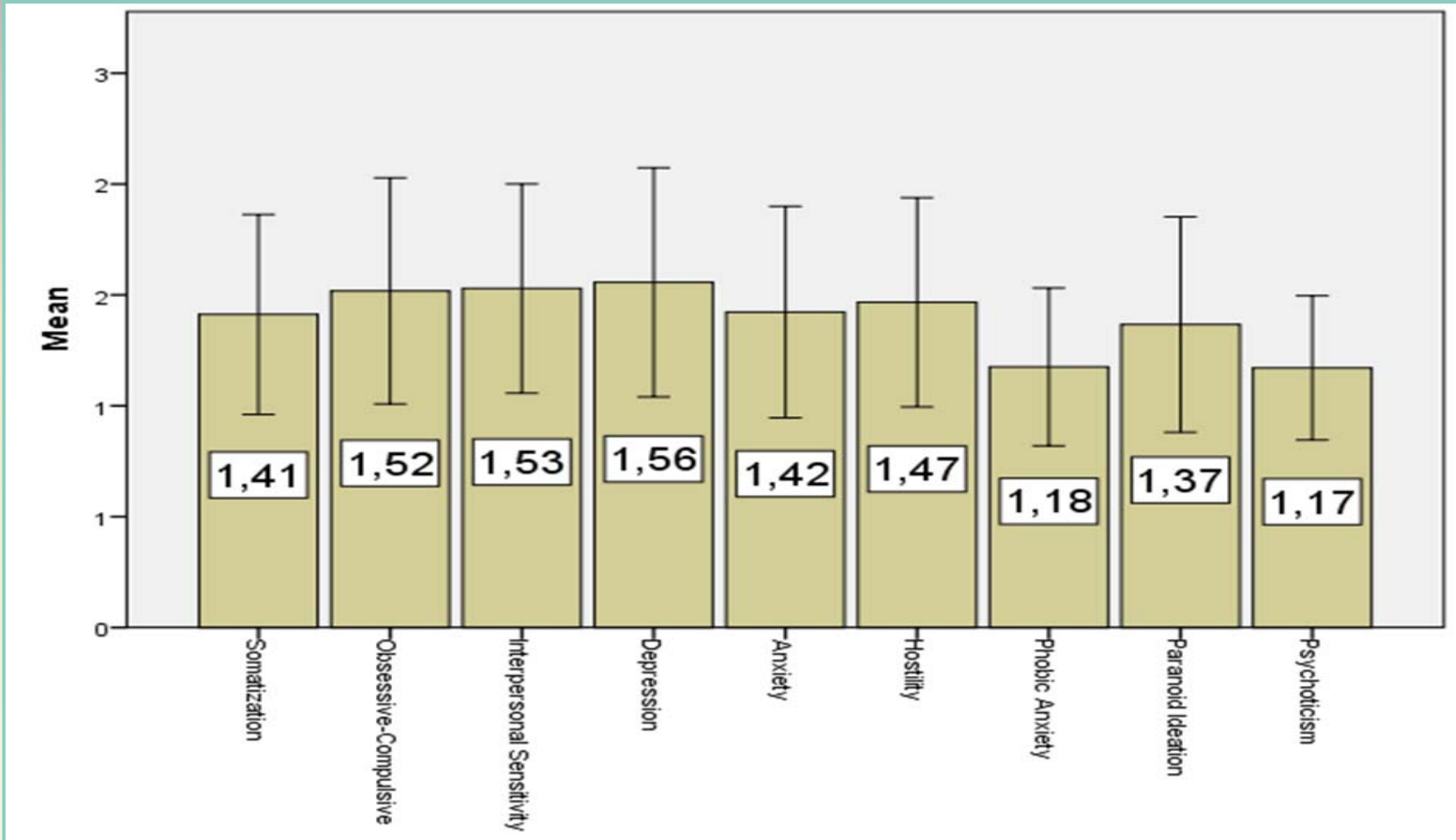
- the Symptom Checklist 90-R (SCL-90-R)
- the Munich Personality Test (MPT)
- the Female Sexual Functioning Index (Russian version) (FSFI)

# MEAN FOR ALL FSFI DOMAINS

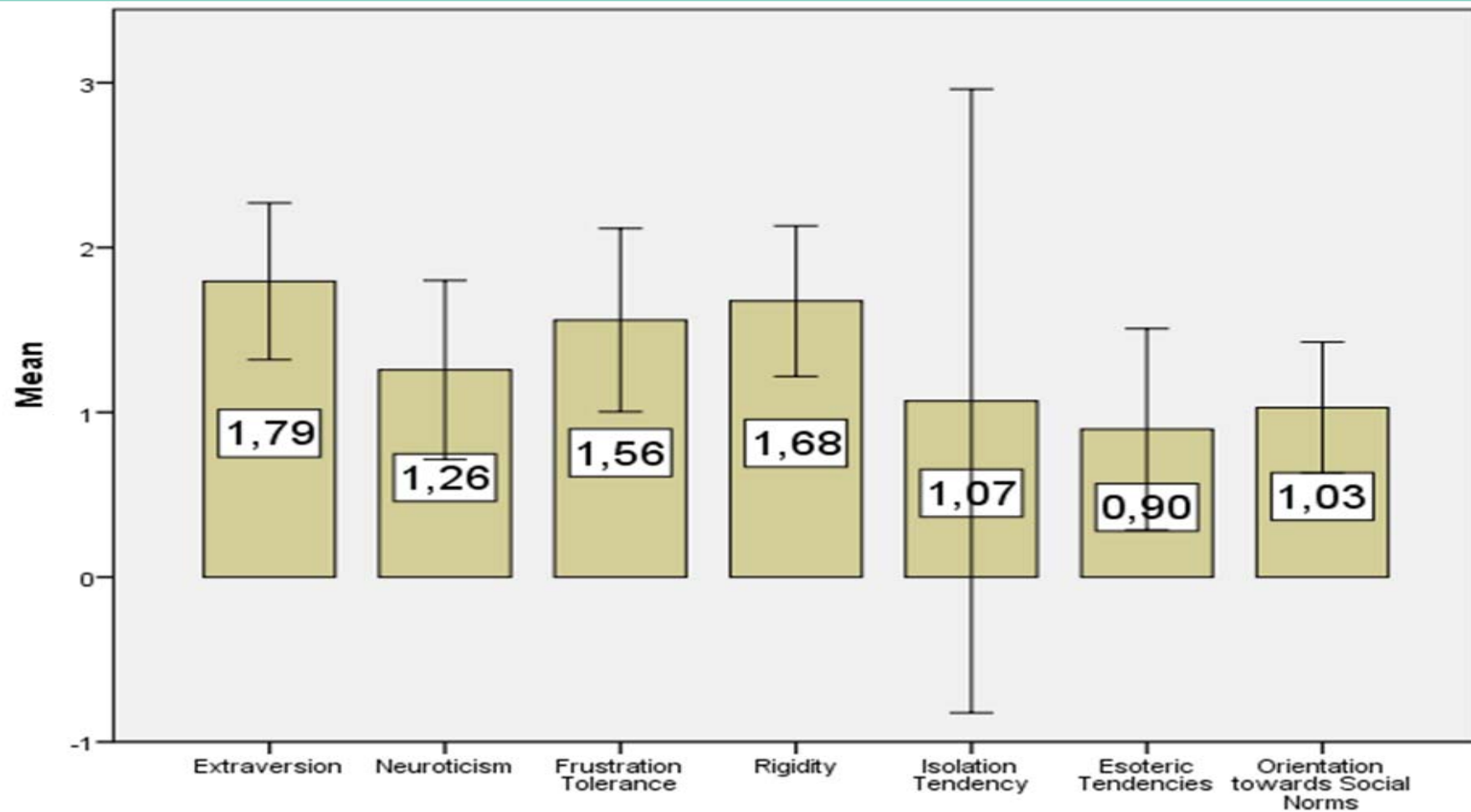


**Total score - 27,2**

# MEAN FOR ALL DOMAINS SCL-90-R



# MEAN FOR ALL MPT DOMAINS



# CORRELATION BETWEEN THE PAIRS OF DOMAINS THE FSFI QUESTIONNAIRES AND SCL-90-R

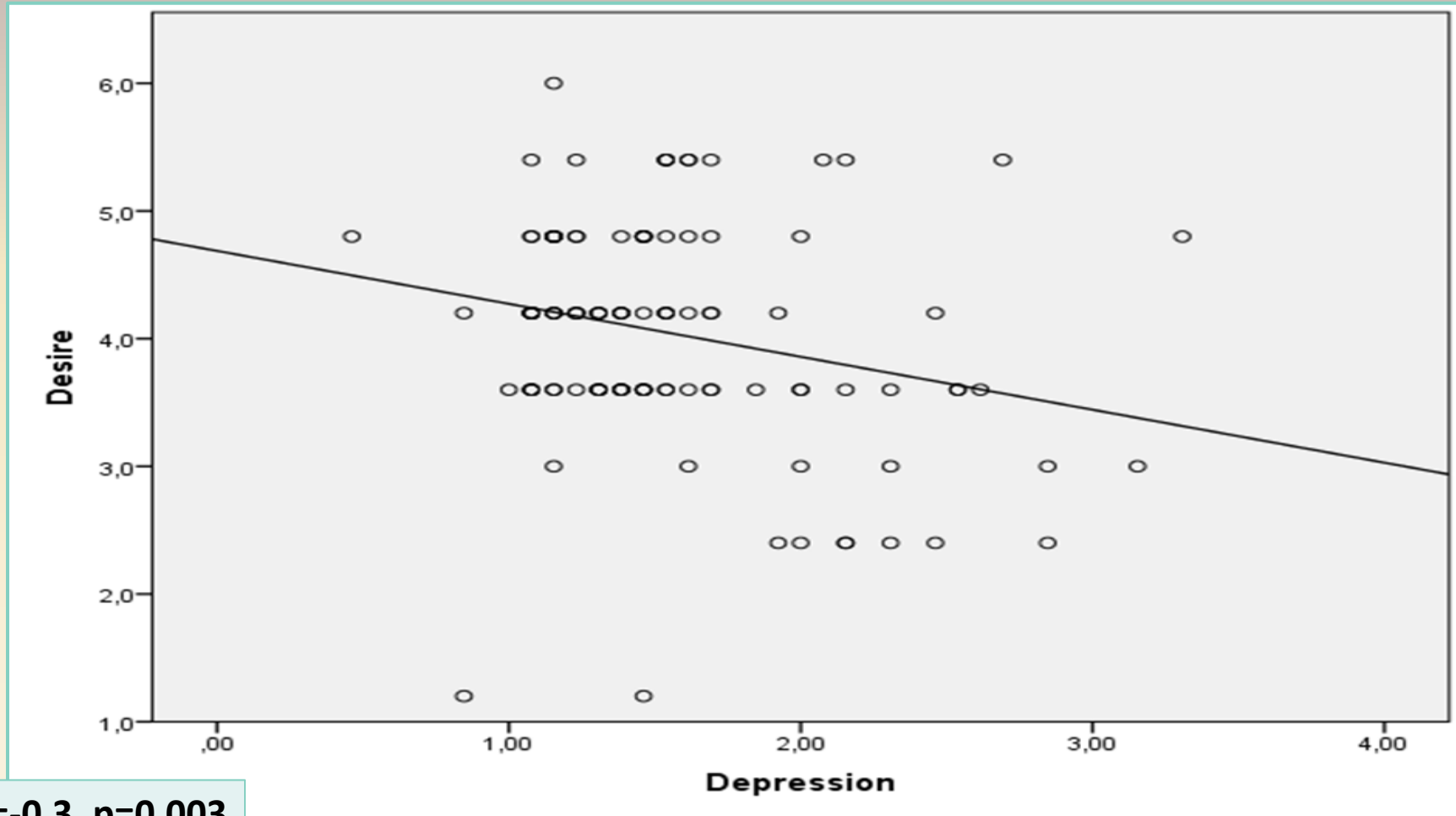
DOMAINS THE FSFI	DOMAINS SCL-90-R	CORRELATION
Desire	Obsessive-Compulsive	$r = -0,2, p = 0,04$
Desire	Interpersonal Sensitivity	$r = -0,2, p = 0,045$
Desire	Depression	$r = -0,3, p = 0,003$
Desire	Psychoticism	$r = -0,3, p = 0,004$
Arousal	Obsessive-Compulsive	$r = -0,2, p = 0,04$
Arousal	Depression	$r = -0,2, p = 0,015$
Arousal	Psychoticism	$r = -0,2, p = 0,03$
Orgasm	Depression	$r = -0,2, p = 0,04$

# CORRELATION BETWEEN THE PAIRS OF DOMAINS THE FSFI QUESTIONNAIRES AND THE MPT

DOMAINS THE FSFI	DOMAINS THE MPT	CORRELATION
Desire	Extraversion	$r=-0,2$ , $p=0,049$
Desire	Esoteric Tendencies	$r=-0,3$ , $p=0,003$
Arousal	Frustration Tolerance	$r=0,4$ , $p=0$
Arousal	Esoteric Tendencies	$r=-0,2$ , $p=0,036$
Lubrication	Esoteric Tendencies	$r=-0,3$ , $p=0,003$
Orgasm	Esoteric Tendencies	$r=-0,3$ , $p=0,005$
Satisfaction	Esoteric Tendencies	$r=-0,2$ , $p=0,03$
Pain	Orientation towards Social Norms	$r=-0,2$ , $p=0,045$
Desire	Frustration Tolerance	$r=0,4$ , $p=0$
Arousal	Extraversion	$r=0,24$ , $p=0,01$
Lubrication	Frustration Tolerance	$r=0,2$ , $p=0,03$
Satisfaction	Extraversion	$r=0,3$ , $p=0,03$

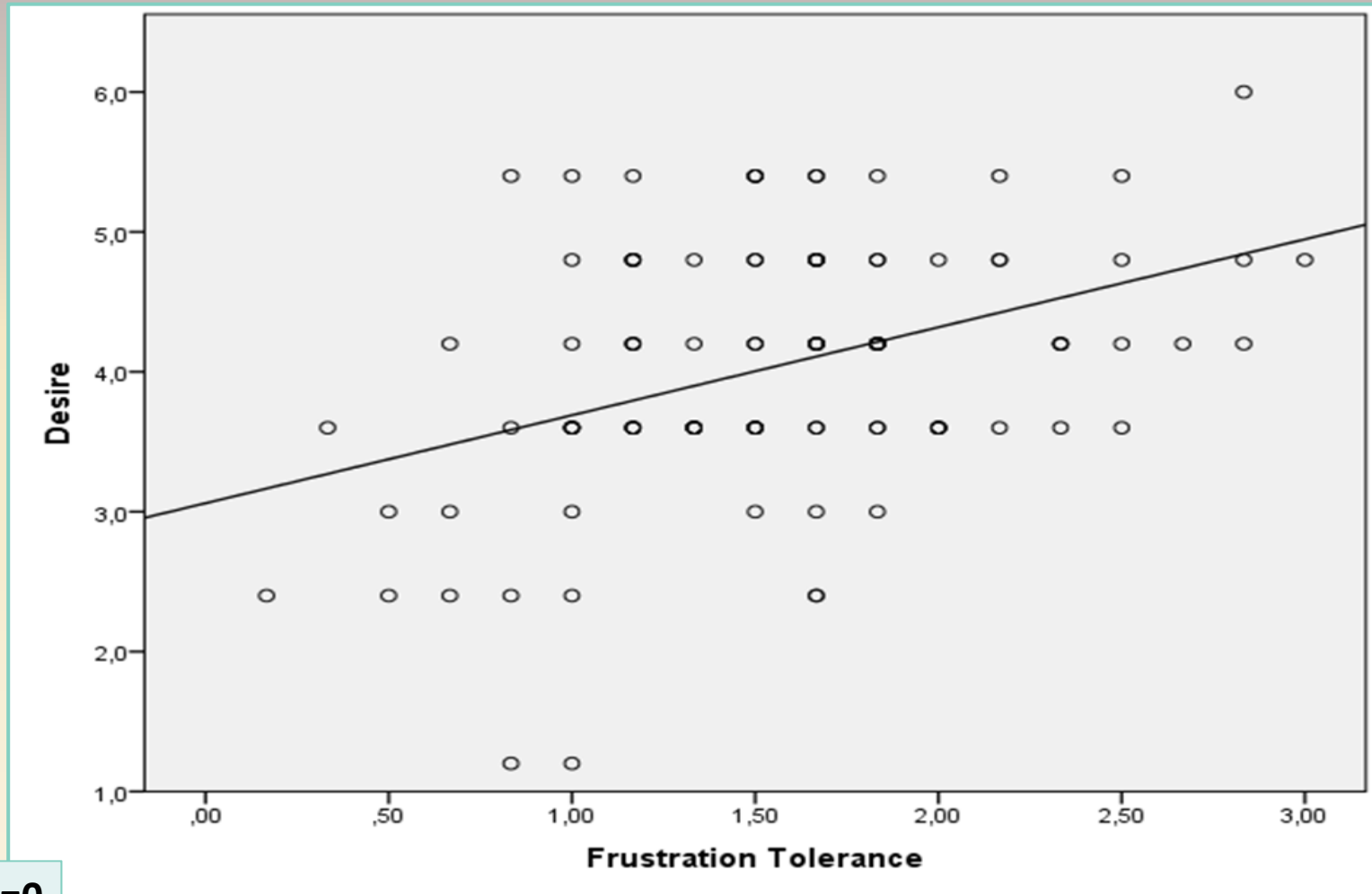


# Correlation between domains “Desire” of the FSFI questionnaires and “Depression” of the SCL-90-R



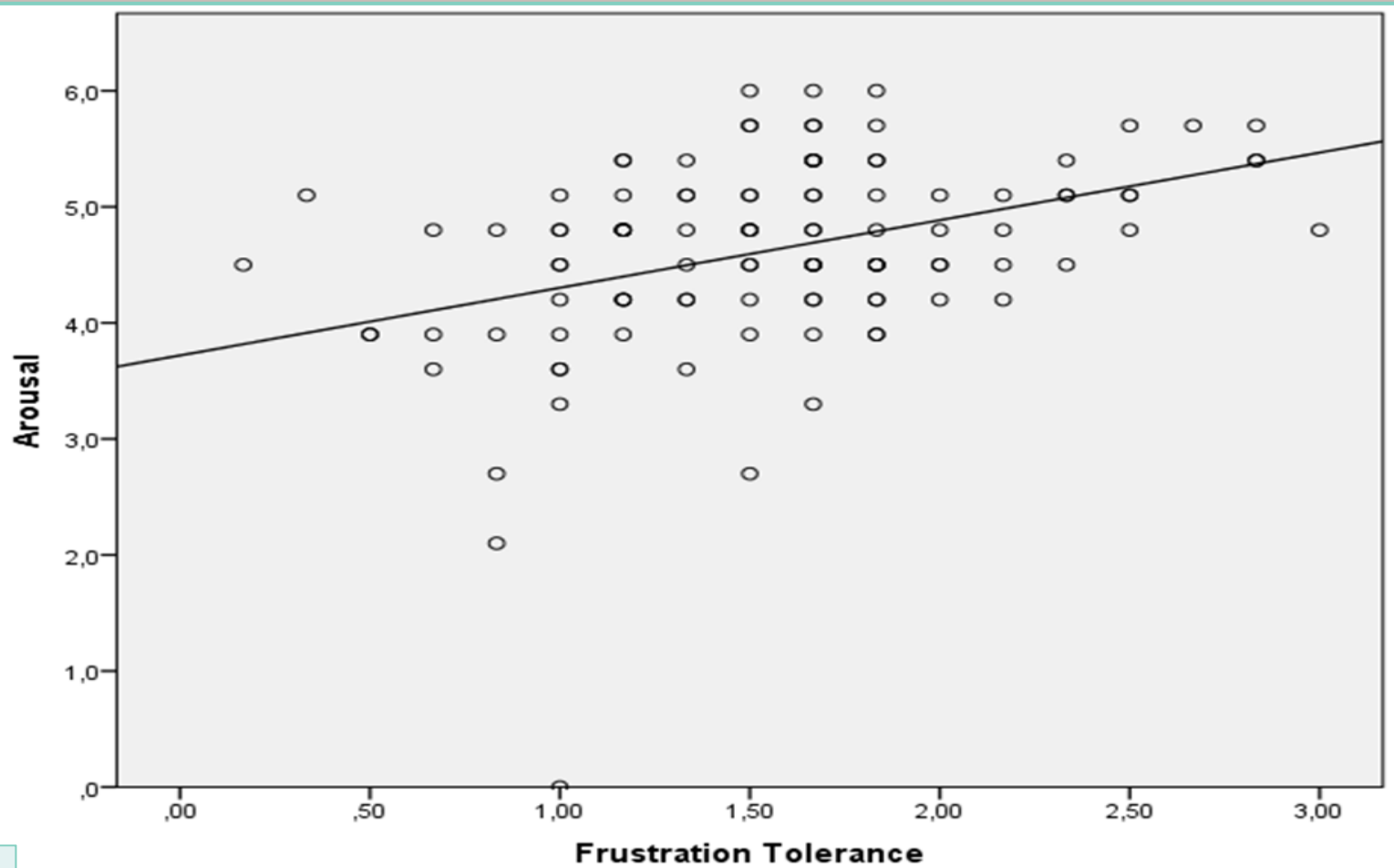
$r=-0,3, p=0,003$

# Correlation between domains “Desire” the FSFI questionnaires and “Frustration Tolerance” the MPT



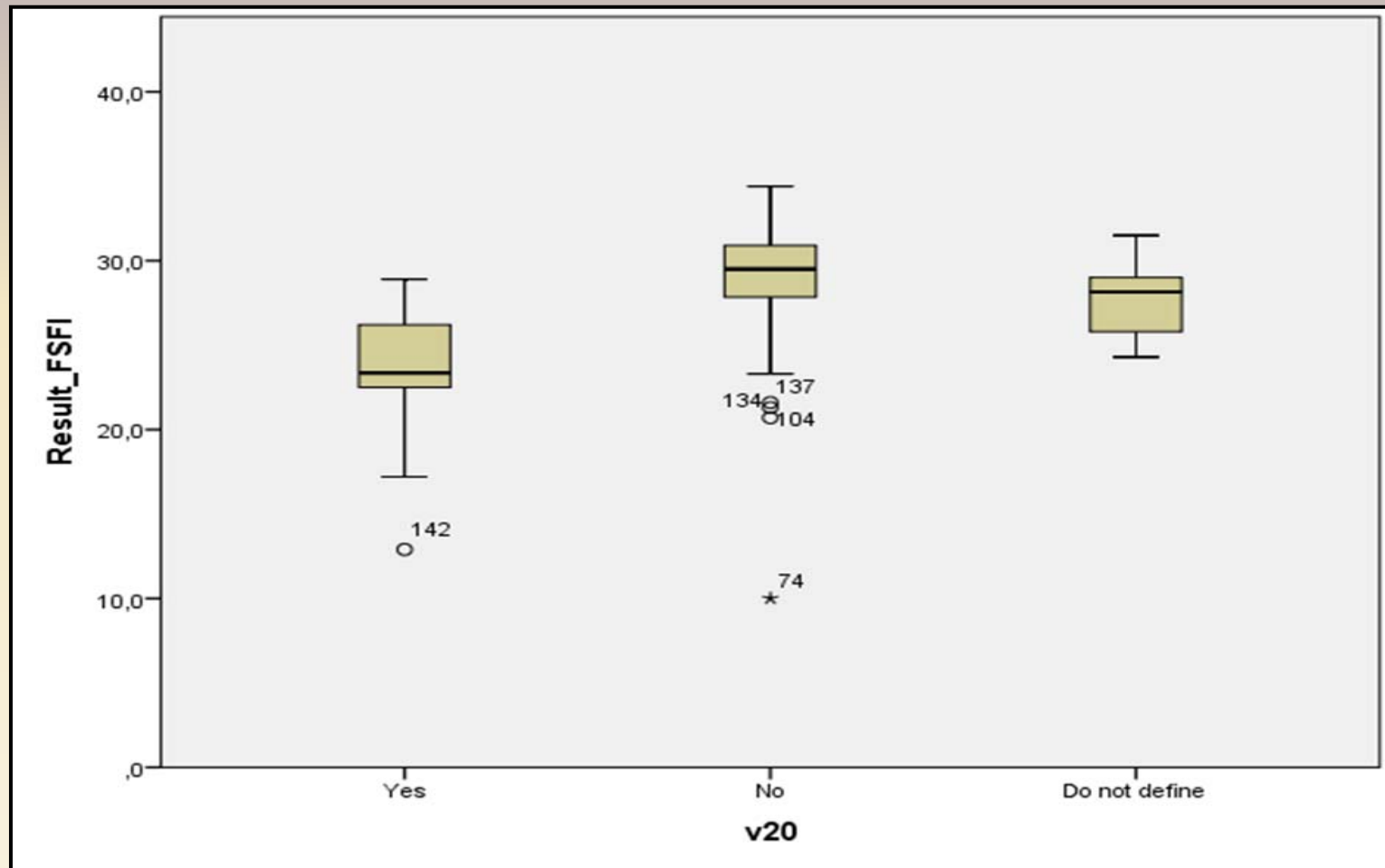
$r=0,4, p=0$

# CORRELATION BETWEEN DOMAINS “AROUSAL” OF THE FSFI QUESTIONNAIRES AND “FRUSTRATION TOLERANCE” OF THE MPT

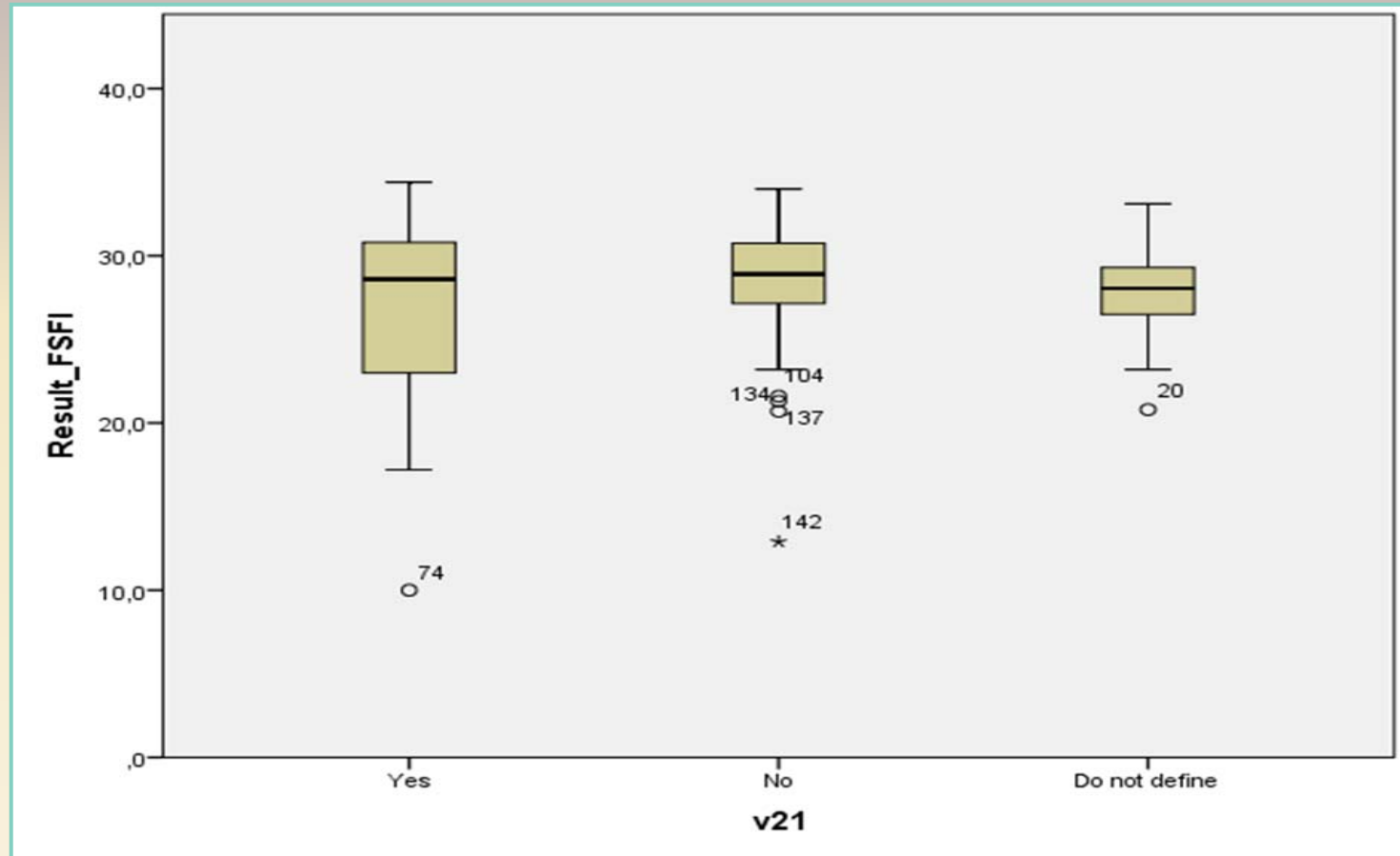


$r=0,4$ ,  $p=0$

# CORRELATION BETWEEN THE TOTAL SCORES OF THE FSFI AND THE ANSWER FOR QUESTION “DO YOU THINK THAT YOU HAVE A SEXUAL PROBLEM?”



# CORRELATION BETWEEN THE TOTAL SCORES OF THE FSFI AND THE ANSWER FOR QUESTION “ARE YOU READY TO SEE A DOCTOR TO SOLVE YOUR SEXUAL PROBLEMS?”



# CONCLUSIONS

**□ The study showed that sexual dysfunction in the form of reduced desire, arousal, orgasm disorders in patients with infertility who are actively seeking help were associated with symptoms of depression, obsessive-compulsive, interpersonal isolation, or sensitivity, as well as with personal characteristics as esoteric tendencies, introversion, reduced tolerance to frustration**

# THANK YOU!

- **Contacts**

- **FSBI «Research Center for Obstetrics, Gynecology and Perinatology»** Ministry of Healthcare of the Russian Federation  
Address: 4, Oparin street, Moscow, Russian Federation, 117997
- **Phone: +7 (495) 438 1166**  
Email: nataliasten.ru@gmail.com  
Web:<http://www.ncagip.ru>