



**In the name of God**



# Relationship between team motivational climate and goal orientation

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Goal orientation

**The set of personal goals that relate to beliefs about success and failure. In other words, To be goal oriented of athlete toward athletic task and skills.**

**Goal orientation**



# Task orientation

- The athlete concentration on learning of task and mastering of task
- High effort for dominating on skill and its right performance
- The better competitor is greater opportunity for improvement

# Ego orientation

- The athlete concentration for achieving to the best personal function
- Feeling of success from the attainment of superiority and fearing of failure
- Comparing to others for approving merit

## Motivational climate

Motivational climate is applied to environment and climate which is excited and it can influence on goal orientation in athletes.

### **Motivational climate**

→ **Mastery climate**

→ **Performance climate**

# Mastery climate

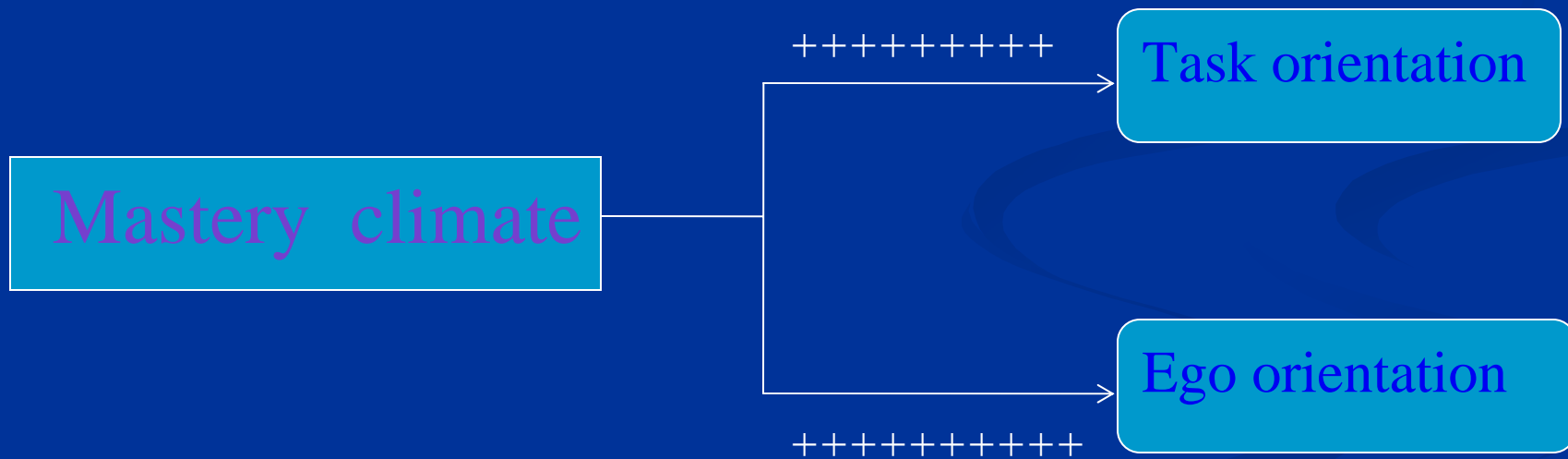
- Developing skill and recognition of ability in all players
- Rewarding to great effort
- Improving in function and removing mistakes and weaknesses

# Performance climate

- Playing better than teammates and comparing together and more attention to stars.
- Punishing players for making mistakes and weak function
- Encouraging competition in team by coach



# Goudas model



In this model, it assumes that the best composition of motivational climate is mastery climate, as it can influence on task and ego orientation in athletes positively. It is possible, this composition cause satisfaction and enjoyment in athlete. In Goudas idea, if high performance climate accompany by low task orientation, it results in low effort and high fatigue and vice a versa.

# Methodology

Participants → **384**

Azad university → 50

Payamnour university → 31

Guilan university → 53

Sport commitees → 250

# Instrument

PMCSQ → (Duda , Walling and Chi, 1993)

Mastery climate

Performance climate

**R=0/77**

**R=0/83**

# Instrument

TEOSQ → (Duda, 1989)

Task orientation

Ego orientation

**R=0/64**

**R=0/81**

# *Statistical Methods*

Pearson Correlation Coefficient

Kendal

U Mann-Whitney

t-test

in level of  $P \leq 0/05$ .

## Description of goal orientation and motivational climate

<b>Major variables</b>	<b>Minor variables</b>	<b>M</b>	<b>SD</b>
<b>Goal orientation</b>	<b>Ego orientation</b>	3/29	0/71
	<b>Task orientation</b>	3/86	0/62
<b>Motivational climate</b>	<b>Performance climate</b>	3/15	0/54
	<b>Mastery climate</b>	3/62	0/54

According to data, task orientation ( $M=3/86$ ,  $SD=0/62$ ) is more than ego orientation ( $M=3/29$ ,  $SD=0/71$ ).

By using Wilcoxon test recognized there is no significant difference between task orientation and ego orientation.

Data indicated that mastery climate ( $M=3/62$ ,  $SD=0/54$ ) is more than performance climate ( $M=3/15$ ,  $SD=0/54$ ).

By using Wilcoxon test recognized there is no significant difference between mastery climate and performance climate.



## Relationship between motivational climate and goal orientation

<b>Goal orientation</b> <b>Motivational climate</b>	<b>Task orientation</b>	<b>Ego orientation</b>
<b>Mastery climate</b>	R=0/11 P<0/822	R=0/42 P< 0/001
<b>Performance climate</b>	R= - 0/38 P< 0/001	R=-0/22 P<0/001

We use Pearson correlation coefficient for parametric statistics and Kendal correlation coefficient for non-parametric statistics. It distinguished that there is positive and significant relationship between ego orientation and mastery climate, Mean while; there is negative and significant relationship between two kinds of goal orientation and performance climate.

## The comparison of goal orientation and motivational climate in individual and team sports

Goal orientation Kind of sport	Task orientation	Ego orientation	Mastery climate	Performance climate
	<b>Individual (139)</b>	Mean 27/07± 4/02	Mean Rank 174/34	Mean Rank 158/62
<b>Team (189)</b>	Mean 27/04± 4/63	Mean Rank 157/26	Mean Rank 168/83	Mean 33/00 ± 5/27
<b>Statistical estimation</b>	t = 0/06 P = 0/94	u = 1176 P = 0/01	u = 1231 P = 0/33	t = -1/83 P = 0/06

Distribution was normal in task orientation and it wasn't normal in ego orientation. By using U-Mann Whitney test and t-test was distinguished that task orientation is very close between two groups of athletes (individual, team sports) but ego orientation in individual athletes is more than team athletes.

The analysis of statistical test indicated that there is no significant difference between ego orientation and task orientation in individual and team sports. Also, mastery climate and performance climate in team athletes was more than individual athletes but it wasn't significant difference.

## Discussion

The result of research indicated that mastery climate is more than performance climate in female sport teams and also task orientation is more than ego orientation in athletes, however; it was no significant difference. But the same difference indicate that there is right inclination in female sport teams because different researches emphasizes on mastery climate and task orientation.

The comparison of motivational climate and goal orientation indicate in spite of the fact that mastery climate and performance climate was more in team sports, but there was no significant difference in both fields.

According to research findings, there is positive and significant relationship between mastery climate and ego orientation ( $r = 0/42$ ) that according to conceptual model research, this composition is the best composition that it should include the highest levels of performance, satisfaction and enjoyment. According to research findings, there is negative and significant relationship between performance climate and task and ego orientation and this results have compatibility with the other researches. So, according to conceptual model of this research, there is the best composition of these variables in women sport.



In the other hand, negative relationship between performance climate and task and ego orientation indicate that emphasis on performance climate in exercise and competition influences on task and ego orientation and this composition can't be for the benefit of team. Of course, this matter need to more researches how we can develop mastery climate and positive ego orientation simultaneously or how can maintain task and ego orientation with emphasis on performance climate.

**Thanks for your attention**

