METHODOLOGY

This chapter contains brief description of the selection of subjects, design of the study, reliability of data, selection of variables and the statistical procedure used for analyzing the data.

Selection of Subjects

The present study was conducted on 500 male Kabaddi players of India. Keeping in view the objectives, the players were categorized into three main groups: district (100), state (100), and national (100) male kabaddi players.

Instrument Reliability

The instruments used in the collection of data were selected because they were found to be most reliable and have been very extensively used in research in the field of physical education and sports throughout the world. The reliability quotients as given in the manual of respective tests are as under:

<table>
<thead>
<tr>
<th>S.no.</th>
<th>Variable</th>
<th>Test</th>
<th>Reliability</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sports Achievement Motivation</td>
<td>Sport Achievement Motivation Test (SCAT)</td>
<td>0.85</td>
</tr>
<tr>
<td>2</td>
<td>Aggression</td>
<td>Sport Aggression Test</td>
<td>0.73</td>
</tr>
<tr>
<td>3</td>
<td>Sports Competition Anxiety</td>
<td>Sport Competition Anxiety Test (SCAT)</td>
<td>0.85</td>
</tr>
<tr>
<td>4</td>
<td>Personality (Extroversion, Neuroticism)</td>
<td>Maudsley Personality Inventory (MPI)</td>
<td>0.83</td>
</tr>
</tbody>
</table>

Reliability of Subjects

The subject’s reliability was ensured by assuring the players that their response would be kept confidential and would be used only research purposes. It was made clear to the subjects that their responses had nothing to do with their suitability for the selection of the team. And the subjects were requested to express freely and frankly as per the instructions contained in the each instrument. This naturally had a salutary effect on them with the result that their bias in responding to the questions/statements contained in various instruments was minimized and reliability of data enhanced considerably.
Selection of Variables

In the present study, care was taken to pin point the variables for Psychological aspects which were not only relevant but also closely related to the purpose of this study. Therefore, based on literary evidence, correspondence with the experts and scholar’s own understanding as well as keeping the feasibility aspect in mind besides importance of psychological aspects, the following variables were selected for the purpose of this study:

2. Aggression.
4. Personality:
   (a) Extroversion
   (b) Neuroticism

Statistical Procedure

Mean score and standard deviation of district (N=100), state (N=100), and national (N=100) and the sample (N=500) were calculated in all the Five variables i.e. sports achievement motivation, aggression, sports competition anxiety, extroversion and neuroticism.

One-way analysis of variance was applied to find out the significance of mean difference among national (N=100), state (N=100) and district (N=100) players in each of the variable. This was followed by Least Significance Difference Test (L.S.D.) of Post-hoc comparison to determine the significance of difference between ordered paired means at 0.05 level.