



A SCIENTOMETRIC STUDY ABOUT BADMINTON APPLIED TO SPORTS SCIENCE RESEARCH

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Introduction

- **Bibliometric studies** allow **quantitative analysis** of the properties and behaviour of the information recorded.
- **Scientometry** presents **quantitative indicators** in a given scientific discipline, being an essential tool, on which scientific production is measured (CARRIZO, 2000);
- Rationale: it was decided to carry out this study in the face of the expansion of the sports modality in the five continents, both in the **competitive scope of performance**, as well as in the content of **the physical school education**.

Objectives

This study aims at learning about world publications related to Badminton research work on Sports Science.

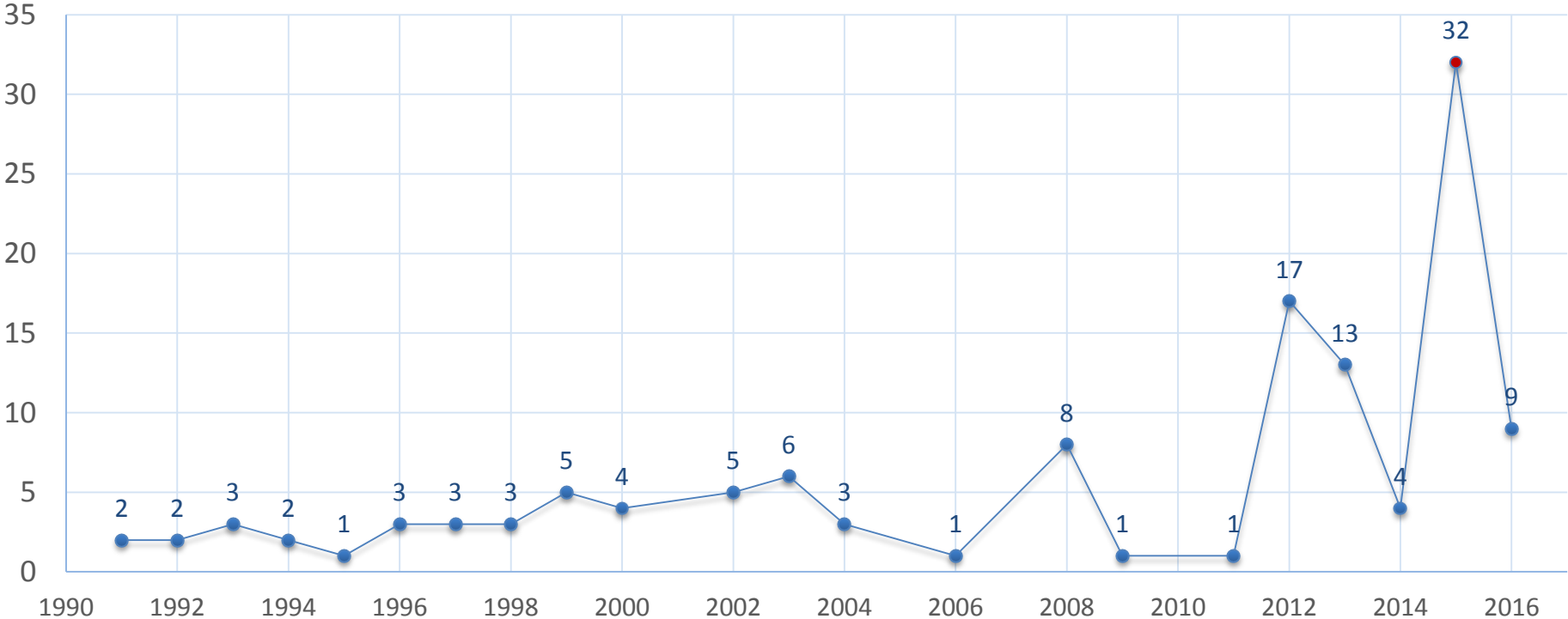
We intend to learn about:

- (1) which areas of Sports Science are reporting about Badminton;
- (2) the year of the publications;
- (3) the publication time intervals (interstice);
- (4) the continent where they come from;
- (5) the bibliographical sources;
- (6) the authors;
- (7) the size, competition level, gender information and age of the sample

Methodology

- The applied method was a bibliometric and scientometric study - theme “Badminton”.
- The data was collected from the CAPES Scientific Journals Gateway- SCOPUS (April to August of 2016 - “Badminton”).
- **175 papers** were recovered from the SCOPUS database as published papers on **75 Research Journals**, by 381 authors;
- Identification of **subareas**:
Science of Sport, Continent, year and interstice of publication, bibliographical source, authors of the theme proposed in each publication, size, competitive level, gender and age of the sample.

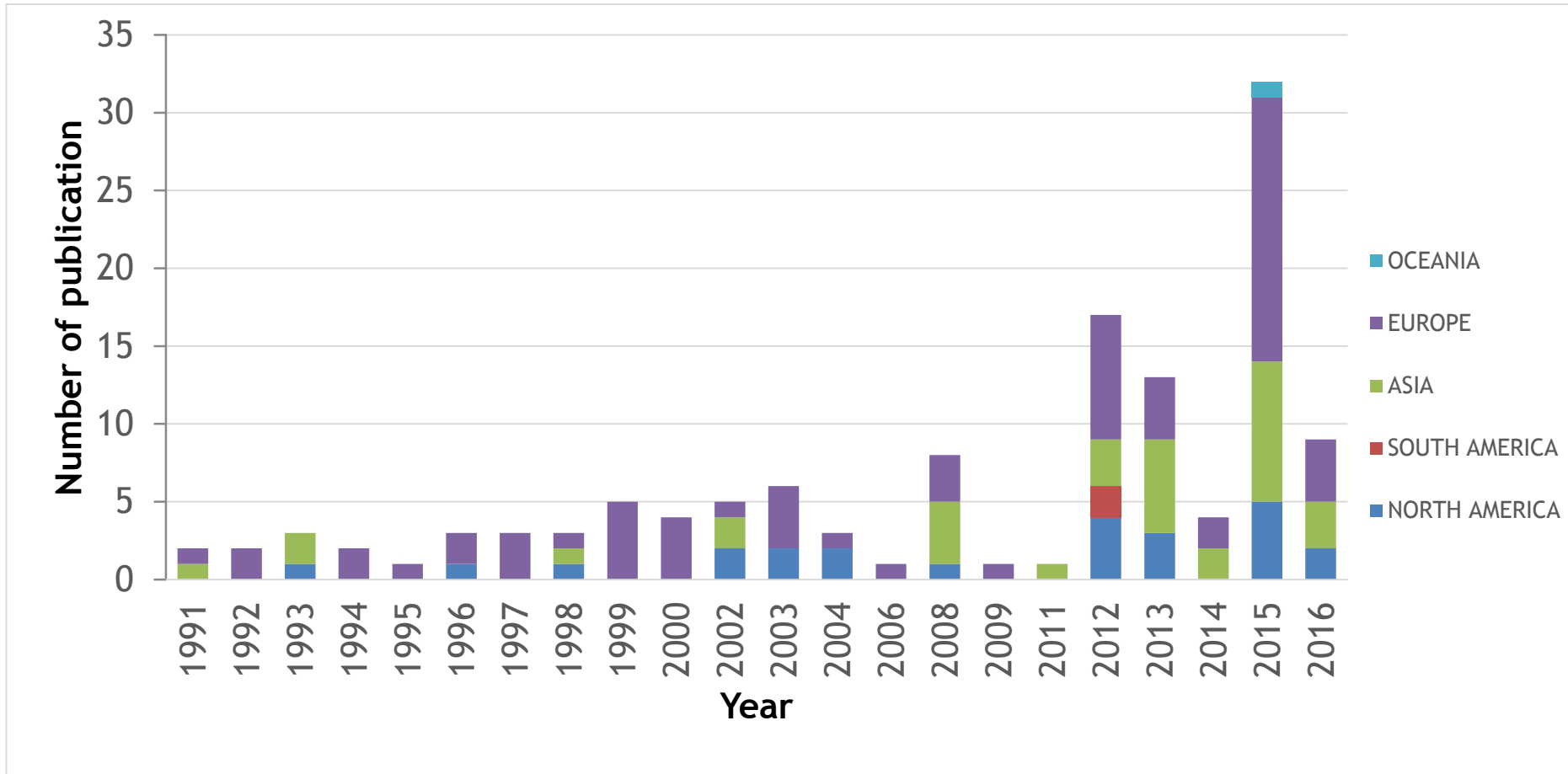
Results



PUBLICATIONS PER YEAR CONNECTED TO BADMINTON

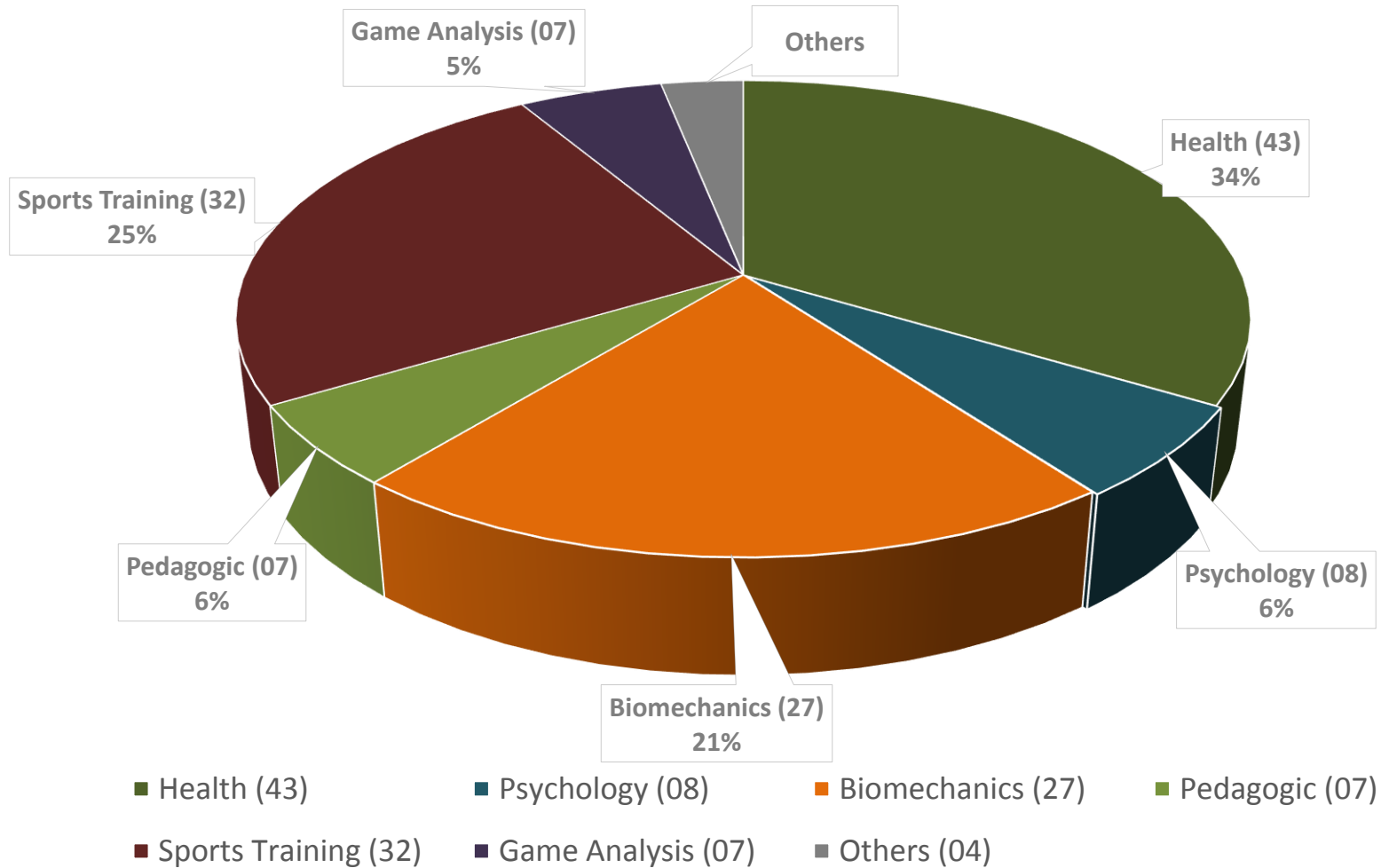


Results

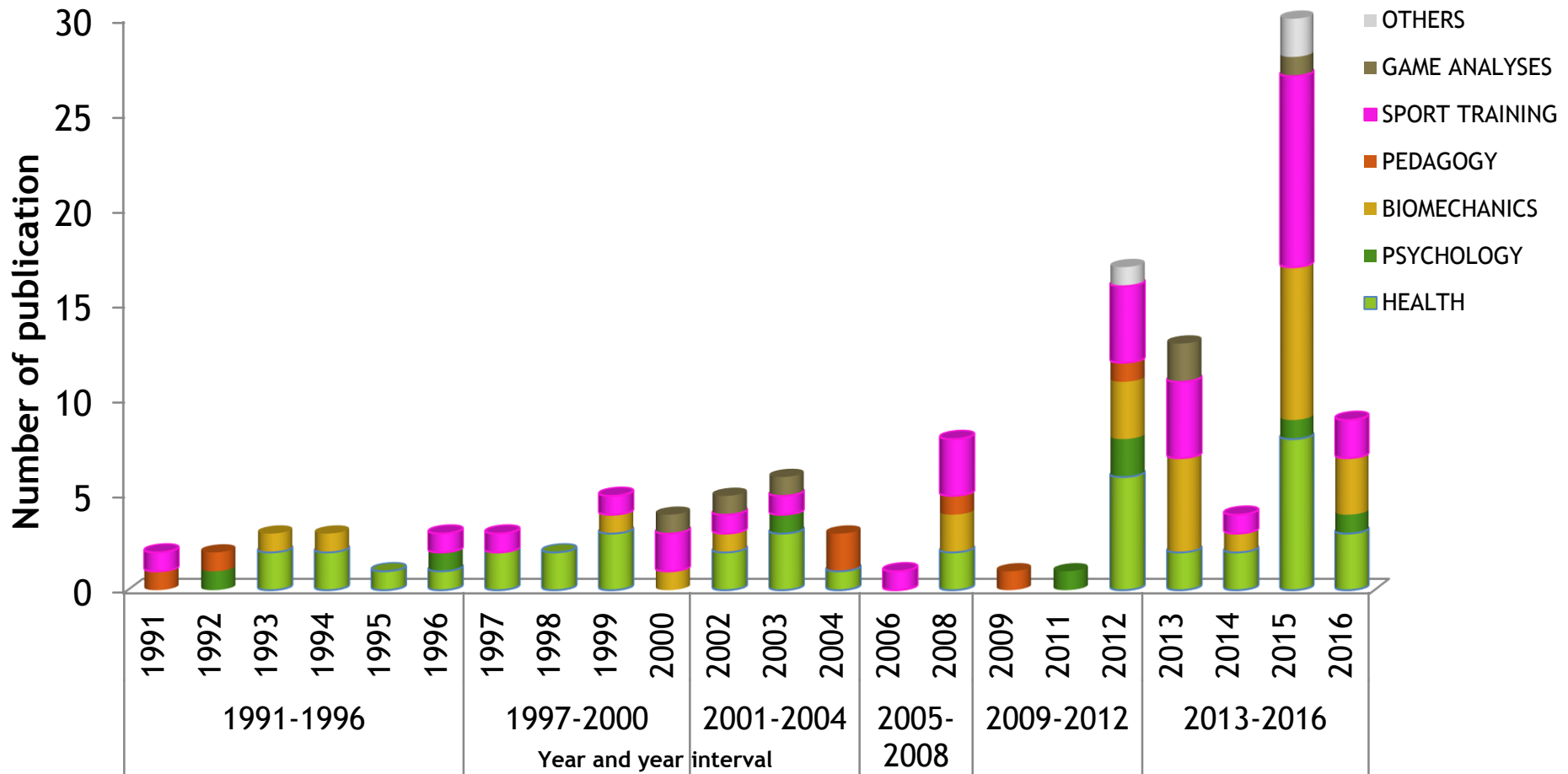


Results

Area (topic) of publication

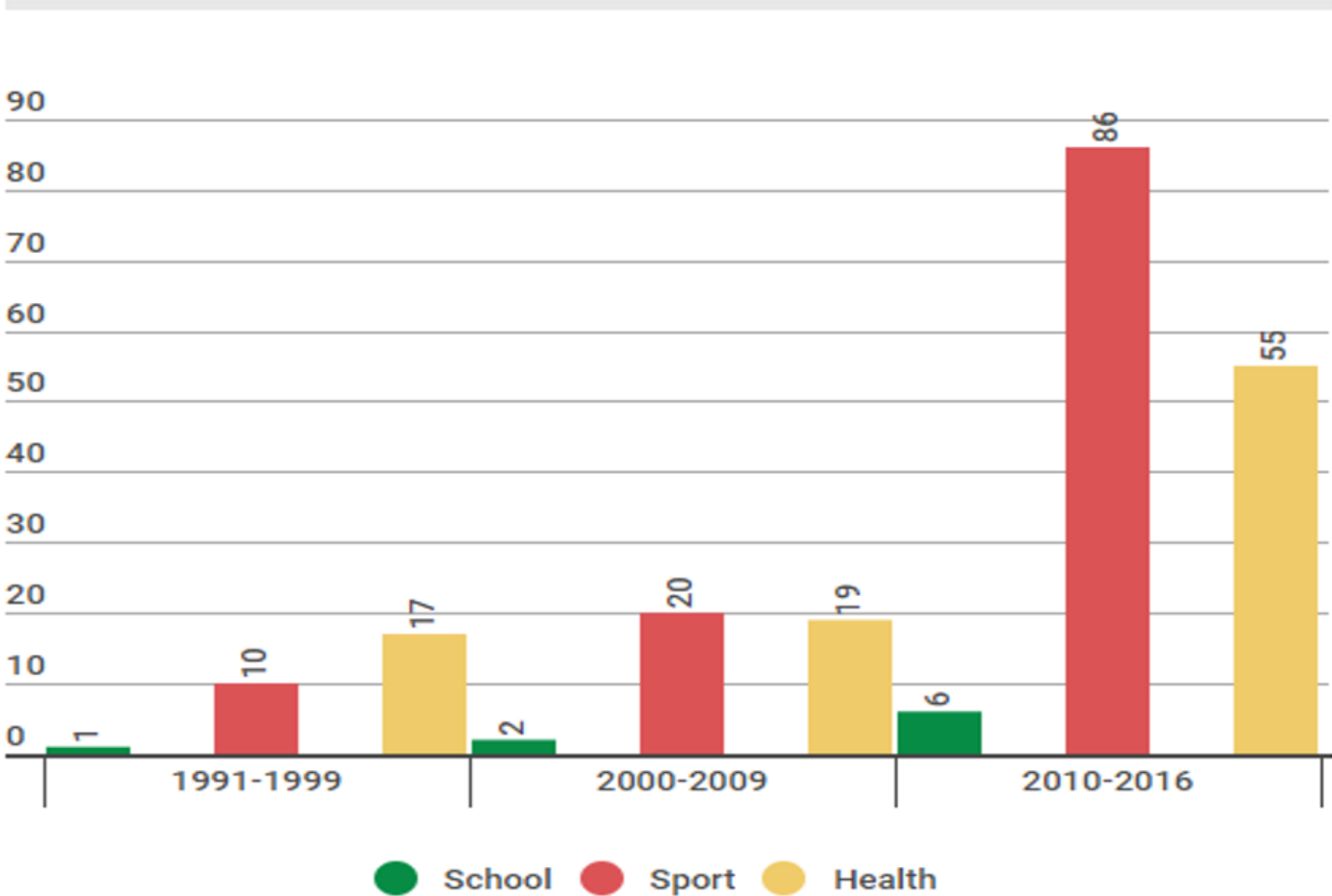


Results

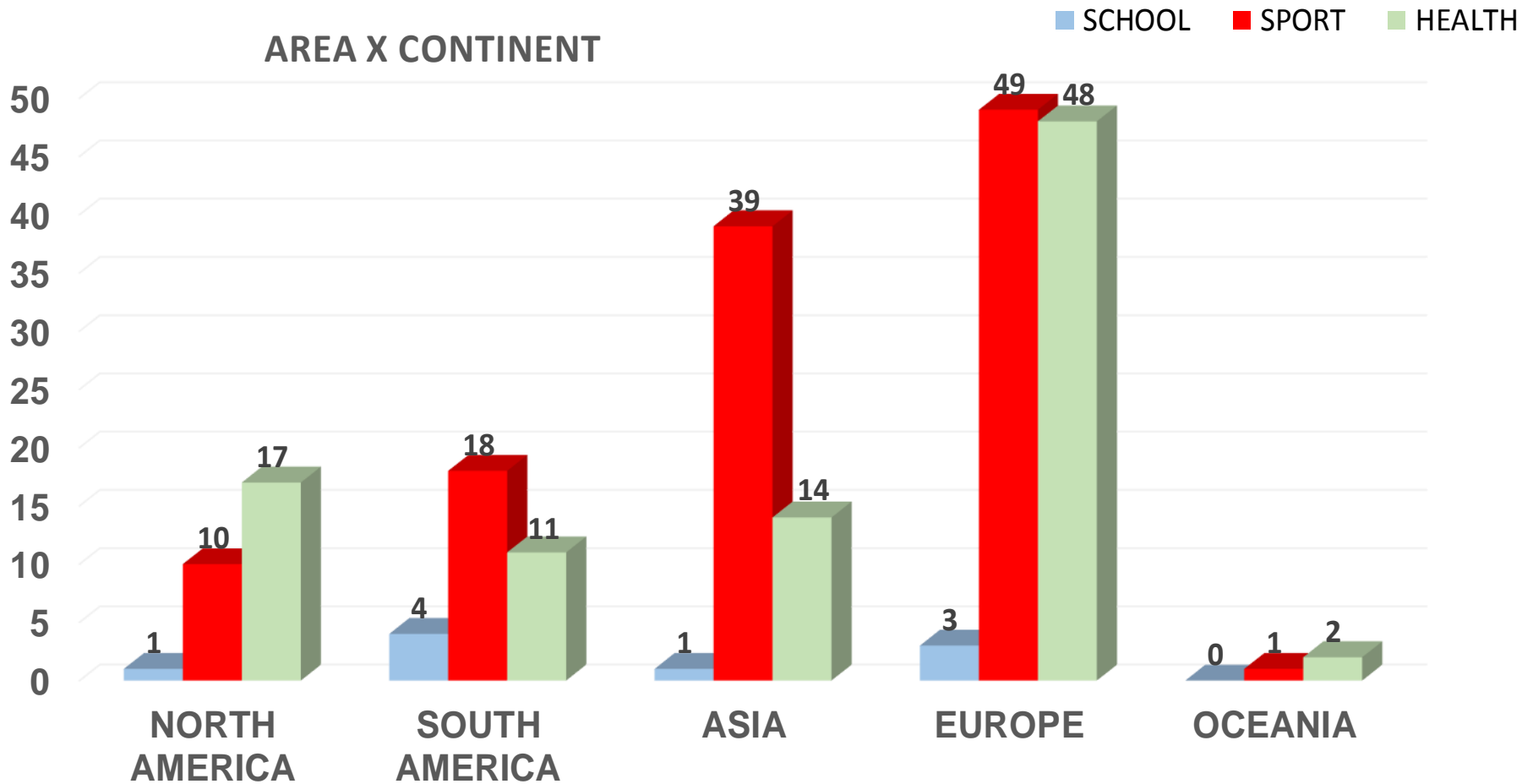


Results

Badminton Research by Subject



Results



Conclusion

- Research efforts are been focused in sports performance and competition.
- Since 2013 the quantity of studies have increased significantly when it is compared with the 20 (1991-2012) previous years.