

Initial assessments of the Sensational 1

University Koblenz-Landau
Institute for Sports Science

Prof. Dr. Silke Sinning, Björn Eichmann &
Jonathan Pargätzi



Approach of the assessment:

We have 3 approaches to a final assessment:

1. *Survey of the players - quantitative analysis* (standardized questionnaire - anonymously and without the influence of coaches)
2. *Survey of coaches - qualitative analysis* (interview - without the presence of the players)
3. *Creation, implementation and evaluation of a training technique* (quantitative + qualitative analysis: motor skills test video recording / movie clips - on the basis of 9 stations with different exercises)



1. Survey of players: Sensational 1 vs Standard Ball (Jabulani)

Overall rating: S1 vs. Jabulani
How do you judge the S1 compared to the Jabulani?



Descriptive information:

N = 30

Mean: 5.27

Standard deviation: 1.2

Results:

1.50% of the players find S1 better!

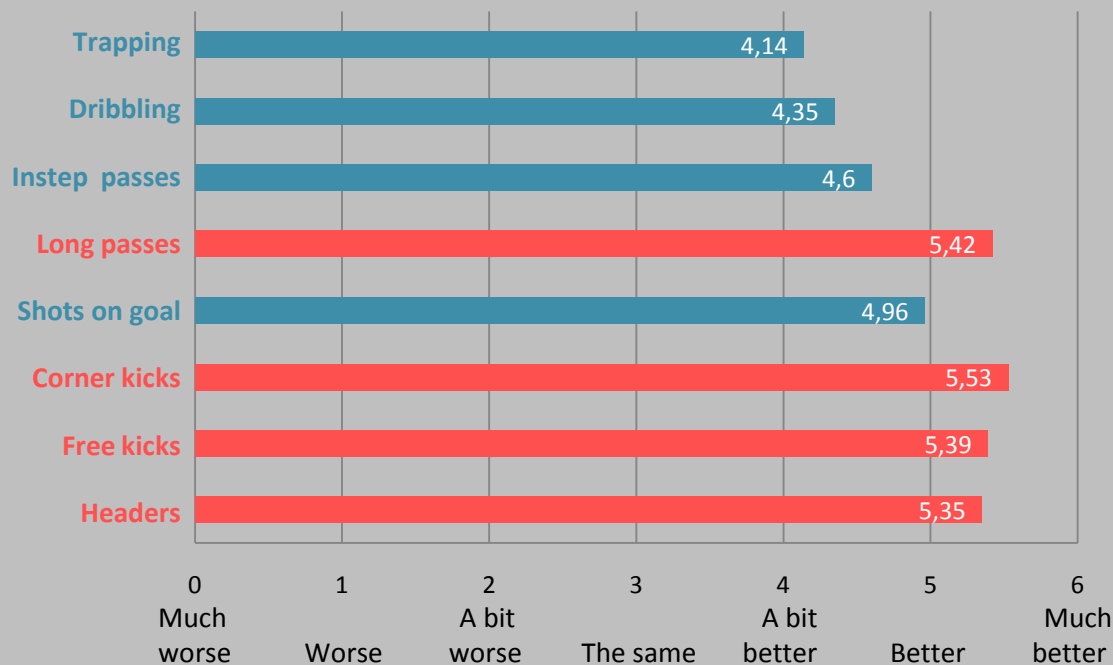
2.No player describes the S1 as “worse” or “much worse”!

3.86% of all respondents respond positively to the S1!



1st Survey of the players: Assessment of individual aspects of S1. vs Jabulani

Individual aspects of the S1 compared to the Jabulani, presented using mean values



Reliability analyze:

N = 30 (without dribbling)

Mean = 5.12

Cronbachs alpha = .75

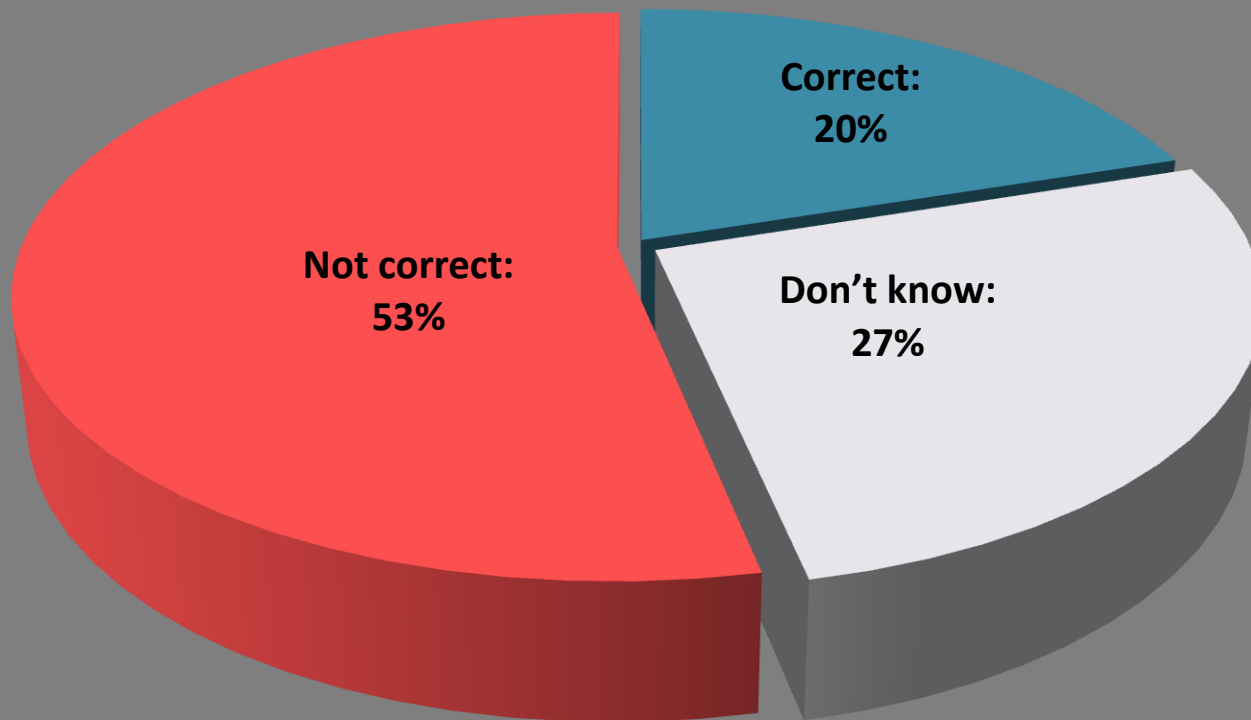
Results:

1. In long passes the S1 moves particularly better
2. In other individual aspects, the advantage from the S1 are less distinct, but described.
3. Overall the S1 is better in test compared to the Jabulani!



Assessment of individual aspects: S1 vs. Jabulani

Statement: My legs hurt me more when playing with the Jabulani!



Interpretation:

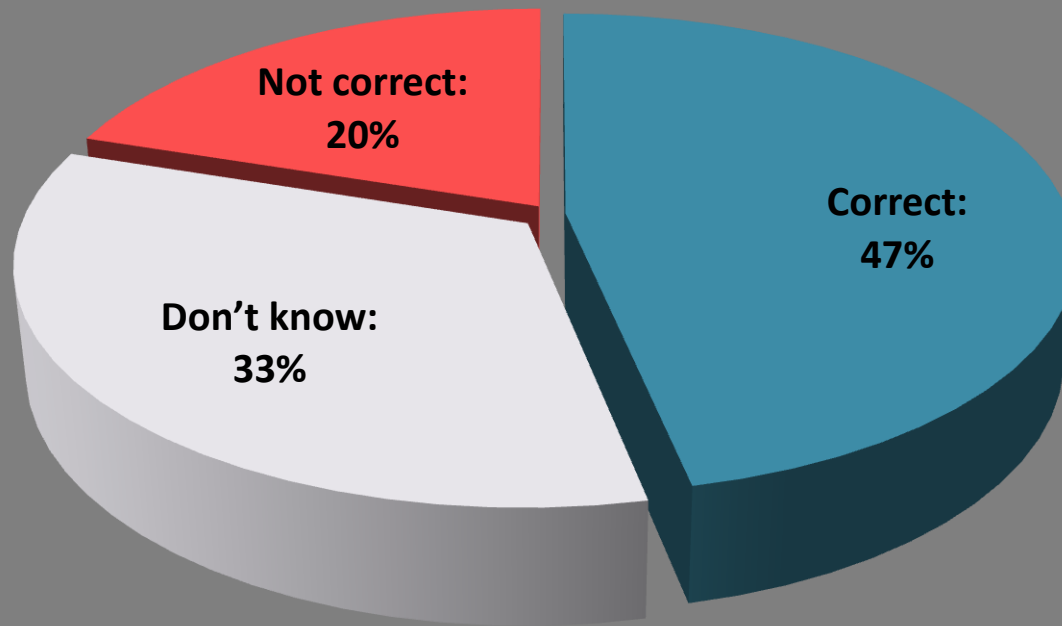
More than half of respondents feel that the S1 has no clear advantages in terms of lowering the painful burden in comparison to the Jabulani

It is important to follow what happens over time, if already now 20% can feel the difference just after few days testing



Assessment of individual aspects: S1 vs. Jabulani

Statement: I feel that I am a better player, when I play with Sensational 1!



Interpretation:

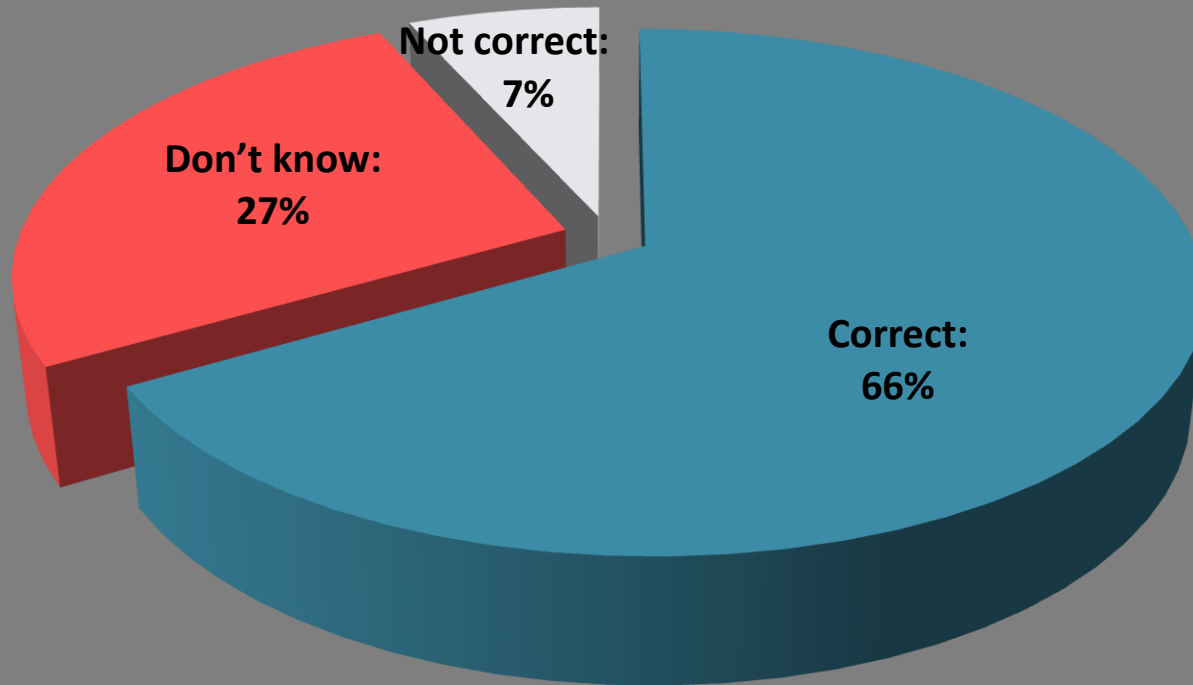
Nearly half of all respondents stress that, when playing with the Sensational 1, they have a better feeling!

Only 20% disagree!



Assessment of individual aspects: S1 vs. Jabulani

Statement: I think it is more fun to play with Sensational!



Interpretation:

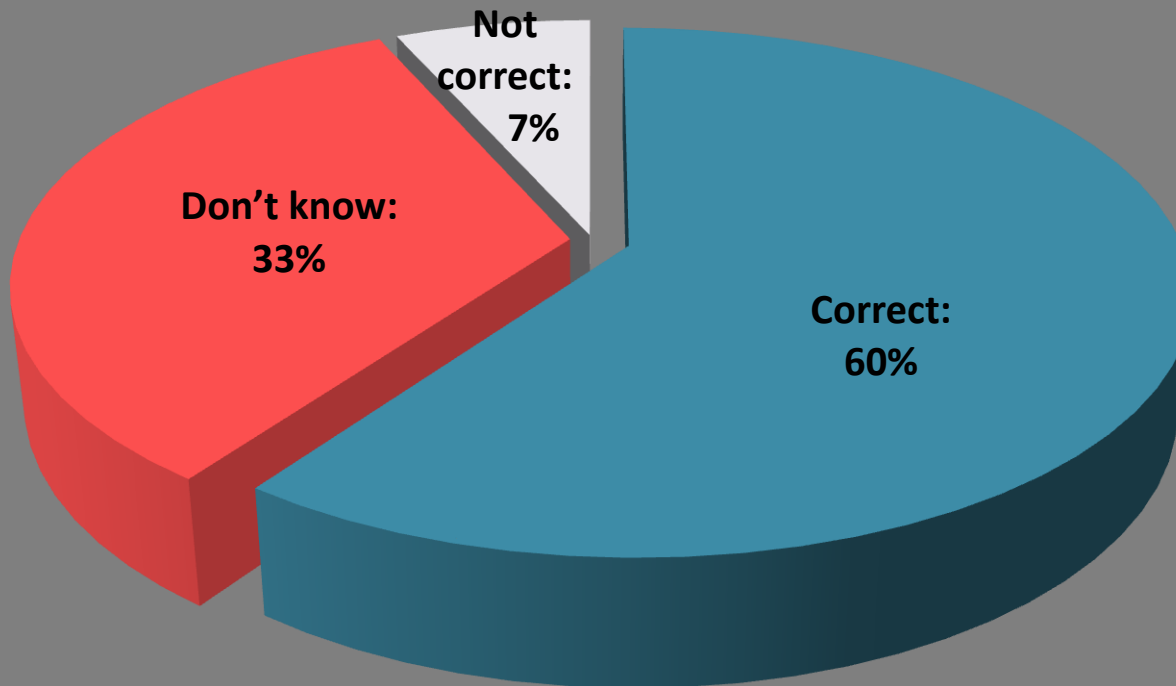
This shows that the Sensational 1 is a very motivating for playing the game.

2/3 of the respondents agree with this statement.



Assessment of individual aspects: S1 vs. Jabulani

Statement: Do you want to continue to play with the Sensational 1 Ball?



Interpretation:

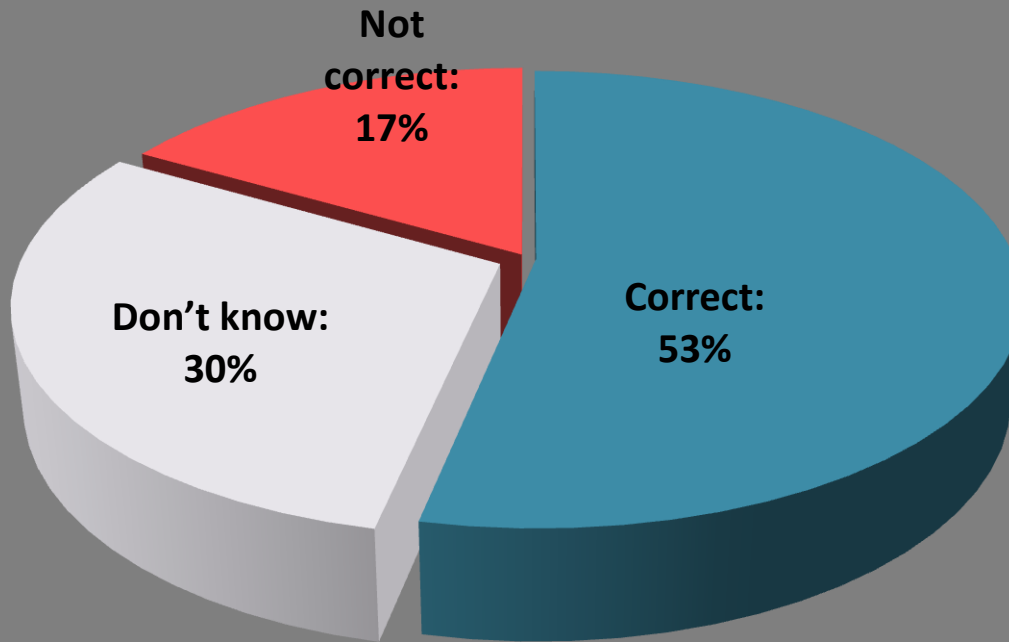
A majority of the girls states, that they want to keep playing with the Sensational 1 ball

- only 7% of the girls disregard the ball.



Assessment of individual aspects: S1 vs. Jabulani

Statement: Playing with the S1 is a special experience!



Interpretation:

Half of the respondents characterize playing with the Sensational 1 ball as a special (positive) experience!



Feedback

... on the Sensational 1 ball, from..

The University Landau, the Head talenttrainer of Westfalen and Tina Theune,
former German national team coach.

- “At youth level the S1 ball is better for girls and boys than the Light-Ball* or the Futsal ball!”
- “The S1 **requires accuracy** when you shoot!”
- “The Light-Ball stays in the air when passed high. The S1 flies like a real football!”
- “When the S1 is hit well, you can pass it further and more precise - both in the air and on the ground“
- The S1 makes it difficult for the goalkeeper because it is faster. With high passes, the flight path is much better predicted with the S1 in comparison to the Light-Ball and the Futsall ball.

* A ball made by Adidas where they have lowered the weight a little bit. Now only used for header practice.



Feedback

... on the Sensational 1 ball, from..

The University Landau, the Head talenttrainer of Westfalen and Tina Theune,
former German national team coach

Chinese goalkeeper (former captain of the national team):

"The Sensational 1 makes it difficult for the keeper,"

"This ball makes the game faster,"

"More goals will with this ball"

Tina Theune:

"The dribbling is faster and safer, especially when changing direction!"

Video recording of the discussion of the coaches!



Summary

50% of the players find the S1 better!

In specific aspects compared to Jabulani a complex picture of Sensational 1 is emerged

The subjective evaluation of fun, adventure and emotion speak for Sensational 1

Perspectives:

Based on the test results, Sensational 1 – Will be very interesting for the young players.

Through the experiential character in the game, using the Sensational 1 could also open up for an introduction to the football world.



The next steps

Analysis of existing data:

Validity and reliability of the method and results

Analysis of video material of the coaches talk!

Thesis: Competent, educated and experienced coaches recognize the benefits and possibilities in the game using the Sensational ball

- Good trajectory – and therefore well suited for long passes / corner kicks
- Accuracy in shots on goal!
- Offensive attack situations are possible, due to the speed of the ball in passes

Analysis of play sequences:

Thesis: With the Sensational 1 ball, the players often are more likely to take shots on goal from a distance

- The game will be more attractive to play – and watch
- More and early focus on going towards the goal – direct play
- Aggressive defense will be a quality required



The next steps

Analysis of existing data:

Validity and reliability of the method and results

Analysis of video sequences for skills tests:

Thesis: The players quickly show better quality in handling of the Sensational 1!

The players can use the ball - after a relatively short transition phase

The quality the of the movement with the ball is higher (motion flow)!

Presentation of the results:

Sports science journals (national and international)

Football journals (Association media and football magazines)

Related topic pages of newspapers

Conferences / Discussions panels surrounding the FIFA Women's World Cup 2011.



Vision

Research Perspectives

Survey of the U-17-Hessenliga coaches / tutors

Opportunities and problems using the Sensational1 in the league
Acceptance analysis

Survey of the U-17 players in the Hessenliga

Long-term experience in dealing with the Sensational 1!
A short questionnaire!
Create an interest in “having our own ball”
Impact analysis

Test and interview all the teams in a club!

(FFC Niederkirchen - 2nd Bundesliga wife; ETSV Würzburg Regionalliga)

Playing- and technology experience through different ages
Acceptance in a variety of vintages!



Vision

Research Perspectives

Test and interview of selected elite players from the HFV and SWFV!

Specification of the tests and the results for girls
Assessment of young talent - Acceptance

Selection test and interview with the players from HFV and SWFV!

Suitability of the ball for boy's teams
Impact analysis - use of the ball in youth leagues

Presentation, a brief test and survey of beginners in football!

Use of the ball during 'the girls day of football' in Hessen!
Acceptance and assessment for beginners
Opportunity for presentations of the ball!

