

# **Analysis of Turkey National Football Team's Performance During FIFA World Cups and UEFA European Championships**

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\*This book has been generated from the doctoral dissertation which named as "Analysis of Turkey National Football Team's Performance During Fifa World Cups And Uefa European Championships" has written by Ph.D. Ömür Serdal Altunsöz.

**ISBN**

978-625-7496-71-1

**Book Title**

Analysis of Turkey National Football Team's  
Performance During FIFA World Cups And UEFA  
European Championships

**Author**

Ömür Serdal ALTUNSÖZ

**Publishing Coordinator**

Yasin DİLMEN

**Page and Cover Design**

Typesetting and Cover Design by Akademisyen

**Publisher Certificate Number**

47518

**Printing and Binding**

Vadi Printing Press

**Bisac Code**

SPO015000

**DOI**

10.37609/akya.691

**GENERAL DISTRIBUTION**

**Akademisyen Kitabevi A.Ş.**

*Halk Sokak 5 / A*

*Yenişehir / Ankara*

*Tel: 0312 431 16 33*

*siparis@akademisyen.com*

**www.akademisyen.com**

## ACKNOWLEDGMENTS

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I would like to thank those who made this dissertation possible. I would not achieve my goals without them.

To My Advisor- I would like to express the deepest appreciation to my advisor, Prof. Dr. Settar Koçak, who supported me during this process. Without your guidance, support, encouragement and persistent help this dissertation would not have been possible.

To My Dissertation Committee Members: Prof. Dr. Ömer Geban, Associate Prof. Dr. Sadettin Kirazcı, Assistant Prof. Dr. Sürat Müniroğlu and Assistant Prof. Dr. Ünal Karlı. I would like to thank you for your valuable suggestions in my research.

To Dr. Yeşim Çapa Aydın- Thank you for your contributions to my research. Your expertise in the statistics helped me to organize my data.

To My Friends- I would like to thank my friends “Ahmet Yapar, Tolga Tek, Erhan Devrilmez and Gaye Erkmen” for their help and encouragement during the data analysis and writing process.

To the Turkey National Football Team Coaches- Thank you for helping me to conduct my research.

To My Parents- Thank you for encouraging me with your best wishes. Without your support, I could not be successful.

To Irmak and Öykü- Thank you for your love, support and encouragement.

*To Irmak and Öykü*

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## REFERENCES

- Acar, M. F., Yapıcıoğlu, B., Arıkan, N., Yalçın, S., Ateş, N., & Ergun, M (2007). Analysis of goals scored in 2006 World Cup. *Journal of Sports Science and Medicine*, (6)10, 3.
- Akenhead, R., Hayes, P. R., Thompson, K. G., & French, D. (2013). Diminutions of acceleration and deceleration output during professional football match play. *Journal of Science and Medicine in Sport*, 16(6), 556-561.
- Almeida, C. H., Ferreira, A. P., & Volossovitch, A. (2014). Effects of Match Location, Match Status and Quality of Opposition on Regaining Possession in UEFA Champions League. *Journal of Human Kinetics*, 41(1), 203-214.
- Arıkan, N., Balyan, M., Vural, F., & Tunçer, Y. (January, 2009). 2006 Dünya FIFA kupasında yarı final ve final oynayan futbol milli takımlarının bazı teknik ve taktik verilerinin analizi, presented at III. Football and Science Conference, Antalya.
- Balyan, M., Vural, F., Çatıkkaş, F., Yücel, T., Afacan, s., Atik, E., Acar, F. M. (2007). Technical analysis of 2006 World Cup soccer champion Italy. *Journal of Sports Science and Medicine*, (6)10, 4.
- Balyan, M & Vural, F. (2003). 2002 Dünya kupası, şampiyonlar ligi ve UEFA kupası final maçlarının bilgisayar yardımı ile analizi. *Performans Dergisi*,9, 3-4.
- Bangsbo, J. (2014). Physiological Demands Of Football. *Sports Science*, 27(125), 1-6.
- Bloom, G.A., Schinke, R.J. & Salmela, J.H. (1997). The development of communication skills by elite basketball coaches. *Coaching & Sport Science Journal*, 2(3), 3-10.
- Bloomfield, J., Polman, R., & O'Donoghue, P. (2007). Physical demands of different positions in FA Premier League soccer. *Journal of sports science & medicine*, 6(1), 63.
- Bootsma, T., & Bhulai, S. (2015). Leverage position on the FIFA Ranking. Retrieved from [http://www.few.vu.nl/en/Images/werkstuk-bootsma\\_tcm39-426557.pdf](http://www.few.vu.nl/en/Images/werkstuk-bootsma_tcm39-426557.pdf).
- Bradley, P. S., Carling, C., Diaz, A. G., Hood, P., Barnes, C., Ade, J., ... & Mohr, M. (2013). Match performance and physical capacity of players in the top three competitive standards of English professional soccer. *Human Movement Science*, 32(4), 808-821.
- Bradley, P. S., Dellal, A., Mohr, M., Castellano, J., & Wilkie, A. (2014). Gender differences in match performance characteristics of soccer players competing in the UEFA Champions League. *Human Movement Science*, 33, 159-171.
- Brown Jr, T. D., Van Raalte, J. L., Brewer, B. W., Winter, C. R., Cornelius, A. E., & Andersen, M. B. (2002). World Cup Soccer home advantage. *Journal of Sport Behavior*, 25(2), 134-144.
- Buraczewski, T., Cicirko, L., & Gawlik, D. (2013). Differentiated analysis of offensive actions by football players in selected matches from the EURO 2008. *Polish Journal of Sport and Tourism*, 20(3), 188-193.
- Campbell, S. (1993). Coaching education around the world. *Sport Science Review*, 2(2), 62-74.
- Carling, C. (2010). Analysis of physical activity profiles when running with the ball in a professional soccer team. *Journal of Sports Sciences*, 28(3), 319-326.
- Carling, C. (2013). Interpreting physical performance in professional soccer match-play: should we be more pragmatic in our approach?. *Sports Medicine*,43(8), 655-663.
- Carling, C., Bloomfield, J., Nelsen, L., & Reilly, T. (2008). The role of motion analysis in elite soccer. *Sports Medicine*, 38(10), 839-862.
- Carling, C., Williams, M. A. & Reilly, T. (2005). *Handbook of Soccer Match Analysis: A Systematic Approach to Improving Performance*. Routledge.
- Casamichana, D., & Castellano, J. (2014). Situational variables and distance covered during the fifa world cup south africa 2010. *Revista Internacional De Medicina Y Ciencias De La Actividad Fisica Y Del Deporte*, 14(56), 603-617.
- Cassidy, T., Jones, R., & Potrac, P. (2004). *Understanding sports coaching: The social, cultural and pedagogical foundations of sports practice*. London: Routledge.

- Castellano, J., Alvarez-Pastor, D., & Bradley, P. S. (2014). Evaluation of research using computerised tracking systems (amisco® and prozone®) to analyse physical performance in elite soccer: a systematic review. *Sports Medicine*, 44(5), 701-712.
- Castellano, J., & Álvarez, D. (2013). Uso defensivo del espacio de interacción en fútbol. (Defensive use of the interaction space in soccer). *RICYDE. Revista Internacional de Ciencias del Deporte*, 9(32), 126-136.
- Chmura, P., Goliński, D., Andrzejewski, M., Mroczek, D., Kawczyński, A., Rokita, A., & Chmura, J. (2014). Endurance capacity and selected technical-tactical skills of soccer players participating in the group stage of the 2014 FIFA World Cup. *Trends in Sport Sciences*, 3(21).
- Chmura, J., Duk, O. S., Min, K. S., Chmura, P., Kawczyński, A., Mroczek, D., & Zdolności wytrzymałościowe piłkarzy–uczestników, S. W. (2012). Mistrzostw Świata w Piłce Nożnej w 2010 roku (Endurance capacity of football players participating in the 2010 World Cup). *Sport Wyczynowy*, 2, 48-57.
- Clarke, N. J., & Harwood, C. G. (2014). Parenting experiences in elite youth football: A phenomenological study. *Psychology of Sport and Exercise*, 15(5), 528-537.
- Clemente, F. M. (2012). Study of successful teams on fifa world cup 2010 through notational analysis. *Pamukkale Journal of Sport Sciences*, 3(3), 90-103.
- Clemente, F. M., Couceiro, M. S., Martins, L., Manuel, F., Ivanova, M. O., & Mendes, R. (2013). Activity profiles of soccer players during the 2010 world cup. *Journal of Human Kinetics*, 38, 201-211.
- Collet, C. (2013). The possession game? A comparative analysis of ball retention and team success in European and international football, 2007–2010. *Journal of Sports Sciences*, 31(2), 123-136.
- Creswell, J. W. (2009) *Research design : qualitative, quantitative, and mixed methods approaches* (3rd ed.) London: Sage Publications.
- Cushion, C. J., Armour, K. M., & Jones, R. L. (2003). Coach education and continuing professional development: Experience and learning to coach. *Quest*, 55(3), 215-230.
- Dawson, P., Dobson, S., & Gerrard, B. (2000). Estimating coaching efficiency in professional team sports: Evidence from English association football. *Scottish Journal of Political Economy*, 47(4), 399-421.
- Dellal, A., Owen, A., Wong, D. P., Krustup, P., Van Exsel, M., & Mallo, J. (2012). Technical and physical demands of small vs. large sided games in relation to playing position in elite soccer. *Human Movement Science*, 31(4), 957-969.
- Dellal, A., Wong, D. P., Moalla, W., & Chamari, K. (2010). Physical and technical activity of soccer players in the French First League-with special reference to their playing position: original research article. *International SportMed Journal*, 11(2), 278-290.
- Delgado Bordonau, J. L., Domenech Monforte, C., Guzmán Luján, J. F., & Méndez Villanueva, A. (2013). Offensive and defensive team performance: relation to successful and unsuccessful participation in the 2010 Soccer World Cup. *Journal of Human Sport and Exercise*, 8(4), 894-904.
- Di Salvo, V., Baron, R., Gonzalez-Haro, C., Gormasz, C., Pigozzi, F., & Bachl, N. (2010). Sprinting analysis of elite soccer players during European Champions League and UEFA Cup matches. *Journal of Sports Sciences*, 28(14), 1489-1494.
- Di Salvo, V., Baron, R., Tschann, H., Montero, F. J., Bachl, N., & Pigozzi, F. (2007). Performance characteristics according to playing position in elite soccer. *International Journal of Sports Medicine*, 28(3), 222.
- Di Salvo, V., Gregson, W., Atkinson, G., Tordoff, P., & Drust, B. (2009). Analysis of high intensity activity in Premier League soccer. *International Journal of Sports Medicine*, 30, 205-12.
- Drubsky, R. (2003). *O universo tático do futebol: escola brasileira*. Belo Horizonte: Health.
- Duk, O., Min, K., Kawczyński, A., Chmura, P., Mroczek, D., & Chmura, J. (2011). Endurance and Speed Capacity of the Korea Republic Football National Team During the World Cup of 2010. *Journal of Human Kinetics*, 30, 115-121.

- Dupont, G., Nedelec, M., McCall, A., McCormack, D., Berthoin, S., & Wisløff, U. (2010). Effect of 2 soccer matches in a week on physical performance and injury rate. *The American Journal of Sports Medicine*, 38(9), 1752-1758.
- Erdil, G., Bozkurt, S., İşleğen, Ç., & Ölçücü, B. (2013). 2010 Futbol Dünya Kupasında İspanya Takiminin Kollektif Performansının Maçların Kazanılmasında Etkisi. *Spor ve Performans Araştırmaları Dergisi*, 4(2).
- Filho, E., Basevitch, I., Yang, Y., & Tenenbaum, G. (2013). Is the best defense a good offense? Comparing the Brazilian and Italian soccer styles. *Kinesiology*, 45, 213-221.
- Frencken, W., Poel, H. D., Visscher, C., & Lemmink, K. (2012). Variability of inter-team distances associated with match events in elite-standard soccer. *Journal of Sports Sciences*, 30(12), 1207-1213.
- Gilbert, W., & Trudel, P. (1999). An evaluation strategy for coach education programs. *Journal of Sport Behavior*, 22(2), 234-250.
- Gómez, M. A., Gómez-Lopez, M., Lago, C., & Sampaio, J. (2012). Effects of game location and final outcome on game-related statistics in each zone of the pitch in professional football. *European Journal of Sport Science*, 12(5), 393-398.
- Holt, N. L. (2002). A comparison of the soccer talent development systems in England and Canada. *European Physical Education Review*, 8(3), 270-285.
- Hughes, M., & Franks, I. (2005). Analysis of passing sequences, shots and goals in soccer. *Journal of Sports Sciences*, 23(5), 509-514.
- İmamoglu, O., Cebi, M., & Kilcigil, E. (2007). Analysis of goals at 2006 FIFA World Cup according to technical and tactical criterias. *SPORMETRE Beden Eğitimi ve Spor Bilimleri Dergisi*, 5(4), 157-165.
- Jankovic, A., Leontijevic, B., Pasic, M., & Jelusic, V. (2010). Influence of certain tactical attacking patterns on the result achieved by the teams participants of the 2010 FIFA World Cup in South Africa. *Physical Culture*, 65(1), 34-45.
- Kanter (2011). Ten reasons winners keep winning, aside from skill. Retrieved from <https://hbr.org/2012/08/ten-reasons-winners-keep-winni/>.
- Lacome, M., Piscione, J., Hager, J. P., & Bourdin, M. (2014). A new approach to quantifying physical demand in rugby union. *Journal of Sports Sciences*, 32(3), 290-300.
- Lago-Ballesteros, J., Lago-Peñas, C., & Rey, E. (2012). The effect of playing tactics and situational variables on achieving score-box possessions in a professional soccer team. *Journal of Sports Sciences*, 30(14), 1455-1461.
- Leite, W. S. (2013). Euro 2012: analysis and evaluation of goals scored. *International Journal of Sports Science*, 3(4), 102-106.
- Liu, H., Gomez, M. A., Lago-Peñas, C., & Sampaio, J. (2015). Match statistics related to winning in the group stage of 2014 Brazil FIFA World Cup. *Journal of Sports Sciences*, (ahead-of-print), 1-9.
- Mitrotasios, M. & Armatas, V. (January, 2014). Analysis of Goal Scoring Patterns in the 2012 European Football Championship. *The Sport*. Retrieved from <http://www.thesportjournal.org>.
- Mohr, M., Krusturup, P., & Bangsbo, J. (2003). Match performance of high-standard soccer players with special reference to development of fatigue. *Journal of Sports Sciences*, 21(7), 519-528.
- Mooney, M., O'Brien, B., Cormack, S., Coutts, A., Berry, J., & Young, W. (2011). The relationship between physical capacity and match performance in elite Australian football: a mediation approach. *Journal of Science and Medicine in Sport*, 14(5), 447-452.
- Moura, F. A., Martins, L. E. B., & Cunha, S. A. (2014). Analysis of football game-related statistics using multivariate techniques. *Journal of Sports Sciences*, 32(20), 1881-1887., DOI: 10.1080/02640414.2013.853130.
- Nash, C. (2003). Coaching Effectiveness and Coach Education Programmes: Perceptions of Scottish and US Coaches1 *International Sports Studies*, vol. 25, no. 2, 2003 21-31.

- Njororai, W. S. S. (2013). Analysis of goals scored in the 2010 World Cup soccer tournament held in South Africa. *Journal of Physical Education and Sport*, 13(1), 6.
- Njororai, W. S. S. (2014). Timing of Goals Scored in Selected European and South American Soccer Leagues, FIFA and UEFA Tournaments and the Critical Phases of a Match. *International Journal of Sports Science*, 4(6A): 56-64.
- Page, L., & Page, K. (2007). The second leg home advantage: Evidence from European football cup competitions. *Journal of Sports Sciences*, 25(14), 1547-1556.
- Pollard, R. (2006). Home Advantage in Soccer: Variations in its Magnitude and a Literature Review of the Inter-related Factors Associated with its Existence. *Journal of Sport Behavior*, 29(2).
- Pollard, R. (2008). Home advantage in football: A current review of an unsolved puzzle. *The Open Sports Sciences Journal*, 1(1), 12-14.
- Pollard, R., & Gómez, M. A. (2014). Comparison of home advantage in men's and women's football leagues in Europe. *European Journal of Sport Science*, 14(sup1), S77-S83.
- Randers, M. B., Mujika, I., Hewitt, A., Santisteban, J., Bischoff, R., Solano, R., ... & Mohr, M. (2010). Application of four different football match analysis systems: A comparative study. *Journal of Sports Sciences*, 28(2), 171-182.
- Reilly, T. (2003). *Aspectos Fisiológicos del Fútbol*. Madrid: PubliCE.
- Reilly, T. (2005). An ergonomics model of the soccer training process. *Journal of Sports Sciences*, 23, 561-572.
- Reilly, T., Drust, B., & Clarke, N. (2008). Muscle fatigue during football match-play. *Sports Medicine*, 38(5), 357-367.
- Sajadi, N., & Rahnama, N. (2007). Analysis of goals in 2006 FIFA World Cup. *Journal of Sports Science and Medicine*, 6(Suppl 10), 3.
- Sarmiento, H., Marcelino, R., Anguera, M. T., Campaniço, J., Matos, N., & Leitão, J. C. (2014). Match analysis in football: a systematic review. *Journal of Sports Sciences*, 32(20), 1831-1843.
- Saavedra García, M., Gutiérrez Aguilar, Ó., Marques, P. S., Torres Tobío, G., & Romero, J. J. F. (2013). Calculating home advantage in the first decade of the 21st century UEFA soccer leagues. *Journal of Human Kinetics*, 38, 141-150.
- Shafizadeh, M., Taylor, M., & Peñas, C. L. (2013). Performance consistency of international soccer teams in Euro 2012: A time series analysis. *Journal of Human Kinetics*, 38, 213-226.
- Shahram, S., Milad, D., & Mohammad, A. (2014). Analyzing Factor of Time of Scoring Goal in Success of Football (Case Study: South Africa World Cup 2010). *Choregia*, 10(2).
- Stølen, T., Chamari, K., Castagna, C., & Wisløff, U. (2005). Physiology of soccer. *Sports Medicine*, 35(6), 501-536.
- Sullivan, C., Bilsborough, J. C., Cianciosi, M., Hocking, J., Cordy, J. T., & Coutts, A. J. (2014). Factors affecting match performance in professional Australian football. *International Journal of Sports Physiology and Performance*, 9(3), 561-566.
- Taylor, J. B., Mellalieu, S. D., James, N., & Shearer, D. A. (2008). The influence of match location, quality of opposition, and match status on technical performance in professional association football. *Journal of Sports Sciences*, 26(9), 885-895.
- Terim, F. (2015). *Futbolumuz ve geleceği*. Retrieved from <http://www.tff.org/Resources/TFF/Auto/168e261e039741d4943e755f928406d3.pdf>.
- Trikalis, C., Papanikolaou, Z., & Trikali, S. (2014). Developing Youth Football Academies in Greece: Managing Issues and Challenges. *International Journal of Sport Management, Recreation and Tourism*, 14, 1-20.
- Wehbe, G. M., Hartwig, T. B., & Duncan, C. S. (2014). Movement analysis of Australian national league soccer players using global positioning system technology. *The Journal of Strength and Conditioning Research*, 28(3), 834-842.
- Williams, A. M. & Franks, A. (1998). Talent identification in soccer. *Sports, Exercise and Injury*, 4, 159-165.

- Williams, A. M. & Reilly, T. (2000). Talent Identification and Development in Soccer. *Journal of Sports Sciences*, 18, 657-66.
- Vaile, J., Halson, S., Gill, N., & Dawson, B. (2008). Effect of hydrotherapy on the signs and symptoms of delayed onset muscle soreness. *European journal of Applied Physiology*, 102(4), 447-455.
- Valter, D. S., Adam, C., Barry, M., & Marco, C. (2006). Validation of Prozone®: A new video-based performance analysis system. *International Journal of Performance Analysis in Sport*, 6(1), 108-119.
- Yiannis, M. (2014). Analysis of goals scored in the 2014 World Cup soccer tournament held in Brazil. *International Journal of Sport Studies*, 4 (9), 1017-1026.
- Zubillaga, A. (2006). La actividad del jugador de fútbol en alta competición: análisis de variabilidad. Thesis Doctoral: Universidad de Malaga.
- Zubillaga, A., Gabbett, T. J., Fradua, L., Ruiz-Ruiz, C., Caro, Ó., & Ervilla, R. (2013). Influence of ball position on playing space in Spanish elite women's football match-play. *International Journal of Sports Science and Coaching*, 8(4), 713-722.
- Zubillaga, A., Gorospe, G., Mendo, A. H., & Villaseñor, A. (2007). Match analysis of 2005-06 champions league final with Amisco system. *Journal of Sports Science and Medicine*, 6(10).