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Organizational Differences between U.S. Major Leagues and European Leagues: Implications for Salary Caps

Helmut Dietl, Egon Franck, Markus Lang and Alexander Rathke

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Organizational Differences between U.S. Major Leagues and European Leagues: Implications for Salary Caps

Helmut Dietl, Egon Franck, Markus Lang, Alexander Rathke*

University of Zurich

Abstract

This paper outlines and compares the organizational structure of major sports leagues, explores the reasoning behind their formation, and derives implications for salary caps in European football. To understand why sports leagues have developed a specific organizational structure, one must take the economic peculiarities of team sports leagues into consideration. For this purpose, we analyze the production process and illuminate its major peculiarities. For example, we present the difference between economic competition and competition on the pitch and discuss the consequences of this distinction for an attractive final product. Furthermore, we show that a hold-up problem exists between the two stages of the production process and demonstrate how these problems are overcome by the organizational structure chosen by sports leagues. We also outline the differences between the U.S. major leagues and European leagues and document recent developments in that context. Finally, based on this comparative institutional analysis, we derive implications for the introduction of salary caps into European football.

Keywords: Sports leagues, organization, salary cap, hold-up problem

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^{*} All authors are from the University of Zurich. Emails: helmut.dietl@isu.uzh, egon.franck@isu.uzh, markus.lang@isu.uzh and rathke@iew.uzh.ch. Corresponding author: Markus Lang.

References

- Abbott, P., 2001. "Antitrust and Sports Why Major League Soccer Succeeds Where Other Sports Leagues Have Failed." Sports Lawyers Journal, 8, 1-8.
- Arnaut, J., 2006, Independent European Sport Review. UEFA, Nyon.
- Borland, J. and MacDonald, R., 2003. "The Demand for Sports." Oxford Review of Economic Policy, 19, 478-502.
- Cairns, J. A., Jennett, N. and Sloane, P., 1986. "The Economics of Professional Team Sports: A Survey of Theory and Evidence." Journal of Economic Studies, 13, 3-80.
- Deloitte and Touche, 2004, Annual Review of Football Finance.
- Deloitte and Touche, 2009, Annual Review of Football Finance.
- Dietl, H., Franck, E. and Lang, M., 2008a. "Why Football Players May Benefit from the 'Shadow of the Transfer System'." European Journal of Law and Economics, 26, 129-151.
- Dietl, H., Franck, E. and Lang, M., 2008b. "Overinvestment in Team Sports Leagues: A Contest Theory Model." Scottish Journal of Political Economy, 55(3), 353-368.
- Dietl, H. and Lang, M., 2008. "The Effect of Gate Revenue-Sharing on Social Welfare." Contemporary Economic Policy, 26, 448-459.
- Dietl, H., Lang, M. and Rathke, A., 2009. "The Effect of Salary Caps in Professional Team Sports on Social Welfare." B.E. Journal of Economic Analysis and Policy, 9, Article 17.
- Dietl, H., Lang, M. and Werner, S., 2009. "Social Welfare in Sports Leagues with Profit-Maximizing and/or Win-Maximizing Clubs." Southern Economic Journal, 76(2), 375-396.
- Dietl, H., Franck, E., Hasan, T. and Lang, M., 2009. "Governance of Professional Sports Leagues Cooperatives versus Contracts." International Review of Law and Economics, 29, 127-137.
- Dietl, H., Franck, E., Lang, M. and Rathke, A., 2009. "Welfare Effects of Salary Caps in Sports Leagues with Win-Maximizing Clubs." University of Zurich, ISU Working Paper, No. 86.
- Dietl, H., Lang, M. and Rathke, A., 2010. "The Combined Effect of Salary Restrictions and Revenue Sharing in Sports Leagues." Economic Inquiry (forthcoming).
- Dietl, H., Lang, M. and Werner, S., 2010. "The Effect of Luxury Taxes on Social Welfare in Team Sports Leagues." International Journal of Sport Finance, 5(1), 41-51.

- Downward, P. and Dawson, A., 2000, The Economics of Professional Team Sports. Routledge, London.
- Feess, E. and Muehlheusser, G., 2003. "Transfer Fee Regulations in European Football." European Economic Review, 47, 645-668.
- Fort, R. and Quirk, J., 1995. "Cross-Subsidization, Incentives, and Outcomes in Professional Team Sports Leagues." Journal of Economic Literature, 33, 1265-1299.
- Fort, R. and Quirk, J., 2004. "Owner Objectives and Competitive Balance." Journal of Sports Economics, 5, 20-32.
- Fort, R., 2003. "Thinking (Some More) About Competitive Balance." Journal of Sports Economics, 4, 280-283.
- Fort, R. and Quirk, J., 2009. "Optimal Competitive Balance in A Season Ticket League." Economic Inquiry (forthcoming).
- Fort, R. and Quirk, J., 2010. "Journal of Sports Economics, Optimal Competitive Balance in Single-Game Ticket Sports Leagues." Journal of Sports Economics (forthcoming).
- Franck, E., 2003. "Beyond Market Power: Efficiency Explanations for the Basic Structures of North American Major League Organizations." European Sport Management Quarterly, 3(4), 221-239.
- Frick, B., 2007. "The Football Players' Labor Market: Empirical Evidence from the Major European leagues." Scottish Journal of Political Economy, 54(3), 422-446.
- Frick, B., 2009. "Globalization and Factor Mobility: The Impact of the 'Bosman-Ruling' on Player Migration in Professional Soccer." Journal of Sports Economics, 10(1), 88-106.
- Garcia-del-Barrio, P. and Szymanski, S., 2009. "Goal! Profit Maximization and Win Maximization in Football Leagues." Review of Industrial Organization, 34, 45-68.
- Grossmann, M., Dietl, H. and Lang, M., 2010. "Revenue Sharing and Competitive Balance in a Dynamic Contest Model." Review of Industrial Organization, 36, 17-36.
- Hirschman, A., 1970, Exit, Voice and Loyalty. Harvard University Press.
- Késenne S., 2000a. "Revenue Sharing and Competitive Balance in Professional Team Sports." Journal of Sports Economics, 1, 56-65.
- Késenne S., 2000b. "The Impact of Salary Caps in Professional Team Sports." Scottish Journal of Political Economy, 47, 422-430.
- Késenne S., 2003. "The Salary Cap Proposal of the G-14 in European football." European Sport Management Quarterly, 3, 120-128.
- Késenne S., 2006. "The Win Maximization Model Reconsidered: Flexible Talent Supply and Efficiency Wages." Journal of Sports Economics, 7, 416-427.

- Késenne S. and Jeanrenaud, 1999, Introduction. In: C. Jeanrenaud and S. Késenne (Eds.), "Competition Policy in Professional Sports Europe After the Bosman Case." Standaard Editions, Antwerp, pp. 33-80.
- Klein, B., Crawford, R. and Alchian, A., 1978. "Vertical Integration, Appropriable Rents, and the Competitive Contracting Process." Journal of Law and Economics, 21(2), 297-326.
- Lang, M., Rathke, A. and Runkel, M., 2010. "The Economic Consequences of Foreigner Rules in National Sports Leagues." Région et Développement (forthcoming).
- Lenten, L., 2008. "Unbalanced Schedules And The Estimation Of Competitive Balance In The Scottish Premier League." Scottish Journal of Political Economy, Scottish Economic Society, vol. 55, 488-508.
- Lenten, L., 2009. "Unobserved Components in Competitive Balance and Match Attendances in the Australian Football League, 1945-2005: Where is all the Action Happening?" The Economic Record, 85, 181-196.
- Marburger, D., 1997. "Gate Revenue Sharing and Luxury Taxes in Professional Sports." Contemporary Economic Policy, 15, 114-123.
- Neale, W., 1964. "The Peculiar Economics of Professional Sports: A Contribution to the Theory of the Firm in Sporting Competition and in Market Competition." Quarterly Journal of Economics, 78, 1-14.
- Quirk, J. and Fort, D., 1992, Pay Dirt: The Business of Professional Team Sports. Princeton University Press, Princeton.
- Rottenberg, S., 1956. "The Baseball Players' Labor Market." Journal of Political Economy, 64, 242-258.
- Sanderson, A. R., 2002. "The Many Dimensions of Competitive Balance." Journal of Sports Economics, 3(2), 204-228.
- Sanderson, A. and Siegfried, J., 2003. "Thinking About Competitive Balance." Journal of Sports Economics, 4(4), 255-279.
- Simmons, R., 1997. "Implications of the Bosman Ruling for Football Transfer Markets." Economic Affairs, 17(3), 13-18.
- Sloane, P., 1971. "The Economics of Professional Football: The Football Club as a Utility Maximizer." Scottish Journal of Political Economy, 17, 121-146.
- Staudohar, P., 1988. "The Football Strike of 1987: A Question of Free Agency." Monthly Labor Review, 111(8), 26-31.
- Staudohar, P., 1990. "Baseball Labor Relations: The Lockout of 1990." Monthly Labor Review, 113(10), 32-36.

- Staudohar, P., 1997. "The Baseball Strike of 1994-95." Monthly Labor Review, 120(3), 21-27.
- Staudohar, P., 2005. "The Hockey Lockout of 2004-05." Monthly Labor Review, 128, 23-29.
- Szymanski, S., 2003. "The Economic Design of Sporting Contests." Journal of Economic Literature, 41, 1137-1187.
- Szymanski, S. and Késenne S., 2004. "Competitive Balance and Gate Revenue Sharing in Team Sports." Journal of Industrial Economics, 52, 165-177.
- Szymanski, S. and Ross, S., 2007. "Governance and Vertical Integration in Team Sports." Contemporary Economic Policy, 25(4), 616-626.
- Vrooman, J., 1995. "A General Theory of Professional Sports Leagues." Southern Economic Journal, 61, 971-990.
- Vrooman, J., 2007. "Theory of the Beautiful Game: The Unification of European Football." Scottish Journal of Political Economy, 54, 314-354.
- Williamson, O., 1979. "Transaction Cost Economics: the Governance of Contractual Relations." Journal of Law and Economics, 22, 233.
- Zimbalist, A., 2003. "Sport as Business." Oxford Review of Economic Policy, 19, 503-511.