

**The Development of Sports:
A Comparative Analysis of the Early Institutionalisation
of Traditional Sports and E-sports**

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Abstract

This paper takes the definition of a sport as ‘an institutionalised game’ under which both ‘traditional sports’ and ‘e-sports’ fall. It takes a comparative analytical approach that examines the historical documentation and cultural output of these two major categories of sports and their early institutionalisation. Given the increasing interest in, engagement with and spectator numbers of e-sports it is worth considering the key similarities and differences between various institutions. This paper examines traditional sports institutions from the mid-to-late 19th century alongside e-sports institutions that emerged from the mid-1990’s to the present day. Firstly, the processes of institutionalisation are analysed with these examples in mind and, secondly, are compared to draw out the significant differences and similarities between the factors affecting early institutionalisation.

Keywords

esports, e-sports, competitive gaming, sport, institutionalisation

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INTRODUCTION

As the arena of sports expands to include e-sports, many of the common definitions of sport are called into question. While traditional sports are commonly associated with athletic or physical prowess, the competitive play of video-games (like card games and board games before them) calls this association into question. Taylor (2012, 39) and Witkowski (2012a, 14; 2012b, 356) have both discussed the significance of physical behaviours in e-sports when defining the field and grey areas exist in the domains of both traditional sports and e-sports. Poker and Chess are popular competitive games but require no physical exertion. Competitive *Dance Dance Revolution* (Konami & Bemani 1998), despite being a video-game, requires a high degree of physical co-ordination and stamina to play. Traditional sports are not unique as competitions of physical mastery.

Bernard Suits has defined sports as ‘simply athletic games institutionalized [sic] in certain ways’ (Suits 1988, 61) and Guttmann (1994, 158) notes a key criterion in the formation of ‘modern sports’ is that: ‘A bureaucratic organization [sic] emerges to administer regularly occurring tournaments and continually to adjust the rules and regulations’. Polley (2007, 16) states that definitions of sport: ‘...will always include reference to *mutually agreed* and *bureaucratically enforceable* rules’ [my own emphasis] and Abanazir’s (2018) comprehensive examination of institutionalisation in e-sports further reflects its important role within sports generally. Institutionalisation’s status as a necessary requisite for a game to become sport makes it worth examining in detail. Institutionalisation occurs when a game’s community universalises a ruleset (what Abanazir (2018, 5) refers to as the ‘source’) that all players must abide by for competition, promotes an institutional philosophy and propagates that game to grow its scene. These three aspects of institutions are a key concern in this first half of the paper. In the second part a variety of factors that affect institutionalisation are

compared through analysis to identify key similarities and differences between traditional and e-sports institutions.

A thorough overview of all sports institutions would be impossible here and so a few significant examples have been chosen to focus the discussion within the limited scope of this paper (information on institutions mentioned in this paper is collected in Table 1). The Football Association (FA), the International Olympic Committee (IOC), the Overwatch League (OWL) and the Evolution Championship Series (EVO) form the main case studies of this paper. These were chosen for their diverse institutional backgrounds within the limits of this paper. The FA was an elite institution that initially struggled to wrangle the many codes of Football and the IOC was the first large scale international sporting event which made its institutionalisation historically unique. EVO is a community-led institution which is contrasted by OWL which has benefitted from corporate involvement from the outset of its institutionalisation. Other miscellaneous institutions¹ will naturally be touched upon throughout.

¹ While there are many things related to sports that could be called institutions (sponsors, broadcasters etc.), this paper is primarily concerned with those institutions that regulate and organise competitive play of the game itself. It is worth noting that these institutions are rarely identified by the word ‘institution’ and take on a range of names including, but not limited to: league, tournament, association, conference, division, cup, organisation, committee, series, body or competition. I use the word institution to unite the many different forms that the regulation of games (either for a regular event or more generally) by an official or de facto governing body might take. Institutionalisation should also not be confused with the process of professionalisation or commercialisation of a sport which are related but very different processes that occurs for various sports and can happen many decades after the institutionalisation of a game (as in the case of *Rugby Football* (trad. 1863b) as organised by the Rugby Union which did not allow professional players until 1995 (Harvey, 2005, 228) or the relaxation of the ‘amateur rule’ by the IOC in 1988 under pressure to include Tennis as an Olympic event (Wallechinsky 2004, 30; Miller, 2012, 255).

EARLY INSTITUTIONALISATION

UNIVERSALISATION

Wigglesworth (2007, 158) documents that regulation tends to occur when a sport reaches a certain size. Sports that were previously the sole domain of royalty or upper classes, such as horse-racing, would become regulated once they had broadened to the gentry or middle classes. Regulation can be carried out by individual clubs and schools but for there to be a wider sporting community, a bed-rock of sports institutions, universalisation is necessary. Universalisation is the codification of the rules of a game, universally adopted by all competitors under an institution. Informally, this begins prior to institutionalisation through the development of communally agreed rules about sporting behaviour first created by the community. Then, as Taylor puts it, ‘formal tournaments operationalize many of these bottom-up community practices’ (2012, 63). The institution’s burden to codify rules is a concern for all institutions but fewer rules are explicitly stated in e-sports rulesets. The full rulesets of *Association Football* (trad. 1863a; Ager 2005) or *Baseball* (trad. 1845; Lepperd, 2017) dwarf the rulesets of EVO (shoryuken.com 2018a, 2018b) or *Overwatch* (Blizzard Entertainment 2016; The Overwatch League 2018). Comparing the length of these documents shows the enormous amount of regulation achieved by the encoded rules of e-sports but the ‘source’ does not end with the video-game’s code as Abanazir (2018, 6) suggests. E-sports have still developed along similar lines to the traditional sports examined here.²

² As an example, referees were not thought to be needed or included at the outset of many competitive sports. Law 5 of *Association Football*, which governs referees, comes later in the ruleset because referees were not originally part of the game. The institutions that created the rules assumed that disputes should be dealt with by the two teams’ captains and players who ‘were assumed to be honest and sporting so that no disagreement would occur which could not be resolved in this sporting way.’ (Ager 2005, 1). Football referees weren’t even permitted to make decisions without an appeal from either team until 1894 (Harvey 2005, 213). Taylor (2012, 48) notes that despite the pre-codification of many video-game rules there are still many variables that extend

Football's universal codification began under the Football Association in 1863³.

Before this, the variety of rules amongst clubs set up in the 1850s and 1860s made organising competitive matches very difficult. Journalists would report (in 1863) that losses in such competitions were due to unfamiliarity with very different rulesets used by the home team's club or school and so the need for universal codification was felt strongly between 1830-59 (Harvey 2005, 79). Letters to *The Times* circa 1863 from various public school alumni supported a universal code outside of public schools for the sake of regulating matches. This led to several interested clubs gathering to form the Football Association on the 26th October

into the 'real-world' that must be regulated by a formal referee. Within the rules of EVO Tournaments, it is currently the responsibility of players to report rule violations to a judge. Judges do not have independent regulatory power (Shoryuken 2018a). Interestingly, independent regulation was not permitted by a Football referee until 31 years after the institutionalisation of Football (Harvey 2005, 213). In the case of *Counter-Strike* (Minh 'Gooseman' Le & Jess Cliffe 1999) [ver. 1.6], early tournaments relied on self-regulation in some cases where players would adjust mouse-sensitivity or be forbidden from certain key-binds. Some tournaments would employ referees but others would leave it to 'scout's honour' (Taylor 2012, 77). Some *Counter-Strike* tournaments, as documented by Taylor (2012, 68-72), became controversial for the lack of organised refereeing, seen as a threat to the tournament's institution being taken seriously by the community.

³ While this is often attributed to public schools of the time (as well as rules developed at Cambridge University) there is evidence to suggest that the popularity of rules provided by the Sheffield Football Club heavily influenced the final decisions of the Football Association (FA) of London which eventually became the de facto institution for the sport (in England) by 1877 (Mason 1980, 14; Harvey 2005, 161; Polley 2007, 16). The first printed account of Football's rules was published in 1845 by the Rugby school under the initiative of students (Harvey 2005, 33, 40). The rules were highly esoteric and were presumably used in conjunction with the oral tradition of Rugbeian players. By 1850 most public schools had their rules printed but the wider population was generally ignorant of the availability of the rules (Ibid. 48). Sheffield Football Club obtained copies of the public school rules and endeavoured to create: 'a new code, comprised of what was regarded as the best points of the whole...' (FCR10 Typewritten History, 3 In: Harvey 2005, 94-95). The social standing and financial influence of Sheffield FC meant that in 1858, other clubs in the region adopted their ruleset.

1863 (Mason 1980, 15; Dunning et al. 2004; Harvey 2005, 42). They sought co-operation from the public schools and began to publicise the Association and its meeting's minutes. By 17th November 1863, 23 rules had been agreed upon which would be further refined for the rest of the century. (Harvey 2005, 134-139, 213).

Harper (2010, 189-190) discusses how fighting game communities come to agreement on rules in a similar way. One example, the Smash Backroom or 'SBR', was a private forum on the Smash Boards forums where influential community members established the rules of competitive *Super Smash Bros. Melee* (hereafter *Melee*) (HAL Laboratory 2001). Rulesets were disseminated from these private meetings. The SBR has no real authority, it's up to tournament organisers to follow these rules, but they have a sort of soft authority via the community. SBR's rulesets for *Melee* can be considered valuable as a form of institutionalised cultural capital (Bourdieu 1986). The same thing can be seen happening in traditional sport when Sheffield Association adopted the FA's rules in 1877 despite many considering the Sheffield rules to be superior. This was done to set an example to local associations who had continued to play under their own variations rather than adopt the FA's (Harvey 2005, 211). The pressure of the community to unite was greater than necessarily having the 'best' ruleset. Harper (2010, 193) frames EVO founder Seth Killian's term, 'a "social collective" view', to describe how communities codify rulesets through emergent play which are subsequently refined and universalised by institutions. In this case there is no real difference between traditional sports and e-sports except the curious case of the OWL which was rapidly institutionalised by Blizzard before a grassroots third-party formalisation of *Overwatch's* ruleset could happen (Bago 2016; Sacco 2017).

A universal code also drove the formation of institutions so that disputes could be settled as a matter of record. Twin Galaxies is an example of a 'proto' e-sports institution that collected and recorded top scores for arcade games in an official capacity during the 1980s

(Taylor 2012, 4). Regional fighting game communities on the east and west coasts of America would brag about regional strength on online messageboards in the 1990s. This settling of disputes became an impetus for announcing B3 (first held in 1996), the precursor to EVO (Harper 2010, 67-68). The interpretation of one game by many, as well as unresolved disputes are the problems which institutions aim to solve through universalisation.

INSTITUTIONAL PHILOSOPHY

Although examinations of institutionalisation often focus on codification of rules (Abanazir 2018, 5-6), the institution also takes on other responsibilities including the establishment of a dominant philosophy that attempts to underpin the character of a sport. IOC founder Pierre DeCoubertin's motto for the Olympic Games 'the most important thing is not winning but taking part, the essential thing in life is not conquering but fighting well' (Miller 2012, 13) reflects much of its aspirational qualities but not so much of the trouble of its early institutionalisation. DeCoubertin's saw the games as a means of uniting different nations under the moral lessons that sport was thought to provide and these concerns were part of Olympic institutionalisation. A prime concern for the Olympic Games was 'supporting the amateur ideal' to counter professionalism (Wigglesworth 2007, 55). A congress of 79 delegates on the 23rd of June 1894 'voted to re-establish the Olympic Games; to create an organisation to guide their destiny [the IOC]...and to provide a definition of amateurism' (Miller 2012, 33). This suggests (through the word 're-establish') a somewhat romantic notion of the games as being a continuation of Ancient Greek ritual despite prior attempts to hold 'Olympic' events (Polley 2007, 24; Miller, 2012 30). The IOC was primarily borne from a desire to moralise sport than to codify an existing game(s) and its community. While some of the games included in the initial roster were popular, such as cycling and running, others were included for the sake of fitting an artificially Hellenic character such as

the Javelin and the Discus events (Guttmann 1994, 122). The Olympics are presented as continuing a tradition originating from Ancient Greece but they reflect a middle class character, requiring international transport, leisure time, physical education and large institutions to regulate them (Polley 2007). Miller writes that there is an inherent contradiction in the ethical goals of the Olympic Games, that ‘the Olympic Spirit is thus subordinated by exaggerated national ambition’ (2012, 10-11). Nationalism and classism are often directly at odds with the idealistic worldview attributed to DeCoubertin⁴ (Tomlinson 1999, 217).

The institutionalisation of many traditional sports involves mythologisation, often with the goal of making a sport seem more legitimate, traditional or national than it really is⁵. A popular practice with sports clubs is consecrating them as ‘ancient’ or proving their age as evidence of the legitimacy of such an institution (Harvey 2005, 8). E-sports institutions simply cannot do this due to the relative recency of many video-games and so their argument for wider cultural legitimacy through institutions is more of an uphill battle. Instead, e-sports institutions must develop aspirational philosophies close to those of the early IOC. The World

⁴ Even with DeCoubertin’s international aspirations and democratic liberal background: ‘he was also alert to the social prejudices of the day, aware that the presence, on the sporting committee he was about to create, of titled noblemen would enhance credibility...’ (Miller 2012, 31-32). DeCoubertin did manage to recruit internationally to show his backing of the Olympics as exclusively an international event but the initial members of the IOC all came from middle-class or noble backgrounds within Europe, North America or the Commonwealth.

⁵ The myth of Abner Doubleday creating *Baseball* in 1839 established by the Mills Commission (1905-7) is a similar case of institutional philosophising (Goldstein 1989, 10-11; Guttmann 1994, 71). At the time: ‘[...] the baseball establishment wished to distance itself from the allegation that their sport was simply an adaptation of the English children’s game of rounders’ (Polley 2007, 27). *Rounders* (trad. 1884) was English (distastefully so) and primarily juvenile and so *Baseball* was retroactively institutionalised as all-American and manly through Doubleday.

Cyber Games (WCG) were fashioned as an ‘Olympics’ of computer gaming and espoused ideals comparable to that of DeCoubertin with one of its stated goals being ‘promoting harmony of humankind through e-sports’ (WCG 2008 in Taylor 2012, 11).

The B series tournament (1996), the predecessor to EVO, began in an influential West coast arcade at Southern Hills Golf Land which, like many arcades, closed in the early 2000s due to the rise of the home console industry (Harper 2010). Arcades were where competitive fighting game play began, and tournaments during this era were almost exclusively grassroots events funded and organised by community members in conjunction with the proprietors of arcades. EVO was created as a means of preserving this environment so that the community that had grown up in the arcades would not die with them (TheScore Esports 2018a). EVO (beginning in 2002) was intended to preserve tournament culture, not necessarily arcade culture (i.e. coin-operated games and attractions). In a panel on the tournament’s history Tom Cannon, one of the founding members of EVO, outlined the mission statement of EVO organised under three principles that aspire to preservation:

Evo’s Mission: preserve and grow the arcade competitive culture

Competition: All competitors are equal, regardless of skill.

Hype: The drama of humans under pressure.

Struggle: Every player’s personal journey to get stronger. (Evo2kvids, 2017)

While regulated competition is a concern of the institution, other aspirational moral qualities can also be found underpinning EVO as they are in traditional sports institutions.

PROPAGATION

‘Ludic Diffusion’, a term employed by Guttman (1994), refers to the process of a game spreading across geographical areas. By propagating their rulesets and centralising legitimate competition institutions take on the responsibility of propagation which can be

defined as intentional ludic diffusion. If a sport is to propagate then it is worth considering how it can be made to generate income and appeal to the non-player, and so commercialisation and entertainment can become a concern for institutions over time.

Despite being remembered as the parental institution of Football, the FA was dormant between 1864 and 1866 (the years following Football's attempted universal codification). It had taken an uncodified family of games and rather than creating a universal code, had divided the game and its community between *Association* and *Rugby Football* (Harvey 2005, 149). By 1864, *Association Football* as a game was much more organised but teams suffered from a lack of opponents who had adopted the rules. The membership of the FA in 1867 consisted of only ten teams (only one of which was from the provinces, Sheffield FC) despite there being 70 football clubs in London (Ibid. 162). This indicates that the FA was somewhat irrelevant at the time. Its remaining members decided that the game should be made more appealing to influential institutions such as the public schools and to balance the existing rules. Dunning, et al. (2004, 51) isolate three factors of *Association Football* that are believed to be responsible for its success: simple rules (the offside rule notwithstanding), cheap equipment/requirements and its spectator friendly nature. The desire to grow Football's reach led to pressure on teams to adopt a ruleset that was entertaining and easily understood by spectators (Harvey 2005, 154). One major drawback of the FA's code was the fact that some teams found it hard to understand the FA's rules. There was also the issue of the offside law 'which tended to interfere with the enjoyment of both players and spectators' (Ibid. 156).

The Football League was created in 1888 to address the problem of imbalanced match-ups in cup competitions during the 1880s. Prior to this, matches were dull for spectators and resulted in very predictable tournament progression (Mason 1980, 16). League systems in Football grew towards the latter half of the 19th century which eventually led to well-attended matches and the onset of professional sports (Wigglesworth 2007, 43).

E-sports institutions are quick to take up concerns of commercialisation and spectatorship for the sake of propagation. The organisers of the first EVO in 2002 were conscious of the fact that during the B-series tournaments, which had been held in arcades, there were plenty of other games to play. When planning EVO 2002, thought was given to the structure of the event because there was a concern that players wouldn't have much to do while waiting for a match. Spectatorship was a concern from the beginning which birthed the tradition of having all tournament grand finals on the final day of the weekend long tournament (Evo2kvids 2017; TheScore Esports 2018a). The institutionalisation of the OWL in 2017 (announced in 2016 - the same year *Overwatch* was launched) (Blizzard Entertainment 2017a; Liquipedia 2018) is a case where a developer has managed almost every aspect of a game's journey into a sport including rapid commercialisation and professionalisation.

COMPARATIVE ANALYSIS OF THE FACTORS AFFECTING EARLY

INSTITUTIONALISATION

CAPITAL

Perhaps the most striking difference between traditional sports and e-sports institutions is the radically different historical contexts they have developed under. One aspect of this is the relatively grassroots institutionalisation of early traditional sports compared to the more corporate context of modern e-sports. Bordieu's (1986, 252) notion of capital, and its conversion, is useful in examining sports institutions. A tension in e-sports can be drawn between social and cultural capital (grassroots legitimacy) and economic capital (corporate patronage). Social and cultural capital, which sports institutions acquire via institutionalisation (Bordieu 1986, 243, 248) are conversions from economic capital. This division means that economic capital alone cannot prop up an institution alone, the co-

operation of a sport's community is necessary. The sports institution must negotiate a symbiotic relationship between the economic capital required to fund and propagate them and the social capital that makes the widespread play and enjoyment of universalised competition socially and culturally legitimate.

Early Football institutions such as clubs in the Sheffield region acquired funds from membership fees and were not seen as commercial ventures (2005, 111-2). If anything, players paid to participate rather than expecting to make money due to the amateur ideal popular amongst the 19th Century gentry. This, combined with the relative lack of extensive corporate involvement in sport at the time, meant that sports would have generally been grassroots initiatives. Conversely, corporate involvement is prevalent in early e-sports institutionalisation.⁶ Of the 50 largest e-sports events in 2017, fifteen were organised by the game's developer (Newzoo 2018a, 13). As early as 2008, Blizzard had considered how they might fit into the emerging e-sports landscape, beginning with the development of *Starcraft 2* (Blizzard Entertainment 2010; Taylor 2012, 163).

The institutionalisation documented by Taylor (2012, 23, 25) and Jin (2010) show that the KeSPA (Korean eSports Association) and WCG were highly corporate in nature given the source of their funds. The WCG was intended to help South Korea be internationally competitive on the global tech stage and so corporate sponsorship and branding opportunities seemed to form the major appeal for the institution's founders. The board of KeSPA is made up of corporate executives rather than players or grassroots game community members (Taylor 2012, 161). Unlike an institution such as the early FA, universalisation for the sake of competition seemed to be a secondary concern for the founders of WCG (Taylor 2012, 23).

⁶ Interestingly, market research firm Nielsen Sports (2017, 22) does not identify corporate sponsorship as having a negative impact on e-sports audiences suggesting that the modern middle-class e-sports audience are not as concerned by professionalisation or commercialisation as their equivalent would have been in the 19th Century.

Corporate support for e-sports in Korea sought to link computer-gaming with opportunities to become a customer of the sponsor: 'major companies [...] sponsor their own popular and well-regarded teams, seeing them as valuable advertising outlets' (Ibid.). Although these practices are not uncommon in modern traditional sports it is worth bearing in mind that traditional sports did not originally develop under the same conditions as e-sports.

EVO is a comparatively grassroots institution and Cannon stresses that EVO's success is because it has never relied on giant sponsorships or venture funding because of the precarious situation this would put the tournament in if it grows (Evo2kvids, 2017). Cannon compares other e-sports events, such as The International, to EVO making the point that they are superficially similar but have very different qualities. Everyone in 'an e-sports arena' is there as a fan but at EVO, every attendant is a player. Cannon acknowledges that EVO is going against the grain of most other 'traditional' e-sports institutions and claims that its unique qualities are exactly what make EVO worth preserving rather than emulating other e-sports tournaments. EVO does not resist professionalisation or commercialisation but it is not principally founded on being a sports entertainment event either.

Part of the historical context that e-sports developed in also includes precedent of centuries of institutionalised traditional sports that e-sports institutions aspire to as a template. E-sports' relationship with partner organisations is still emerging whereas traditional sports which are heavily formalised in their relationships with other institutions through sponsorship, merchandise and media rights (Taylor 2012, 156). However, in the very early history of both types of institution we can see broad similarities regarding their financial development. The support of a patron was important for the security of early sports (Harvey 2005, 16-17; Wigglesworth, 2007). DeCoubertin also acknowledged that amateur sport (especially amongst working class participants) could not exist without patronage (Wallechinsky 2004, 30). Prize money for early traditional sports competitions would have

been sourced from wealthy patrons of the elite sectors of society and modern corporations (sometimes the developer of the game) play a similar role in securing large prizepots for e-sports events. Capcom first donated money to the EVO Street Fighter Prizepool in 2006. Since then developers including Nintendo, Namco Bandai and Arc System Works have financially supported EVO (TheScore Esports 2018b). Valve has also notoriously propped up 'The International', a *Dota 2* (Valve Corporation 2013) institution, with large prizes (Khan 2017). According to Newzoo (2018b, 13), there are potentials to investing in e-sports, particularly through media rights (the fastest growing revenue stream) and sponsorship (highest grossing). E-sports developers may see themselves as standing to gain from investing in e-sports but it is not currently a profitable venture (Newzoo 2018b, 22). Some institutions such as the ESL (formerly the E-Sports League) are funded by membership fees, alongside an initial start-up investment, and cooperation with sponsors (Taylor 2012, 144). This reflects the reliance of early sports institutions, such as the FA or Sheffield Football clubs, on membership fees to fund the costs of equipment and events (Harvey 2005, 171).

Newzoo (2018b, 15) sees the franchising of teams under a traditional sports model as potential area for growth and this has informed the development of e-sport institutions. The similarity to the league structure of American sports is not only framed as being commercially stable but also allows for extensive planning of league tournaments as a reliable form of sports entertainment which has worked well so far for the OWL and the North American League of Legends Championship Series (NALCS) (Esports Bar & Newzoo 2018, 11). Sponsorship is the largest money-maker for e-sports but this is predicted to be overtaken by media rights revenue (Ibid.). Both sources of income are dependent on securing a large and loyal base of spectators and institutions will move to secure this. Historically, developing a spectator sport of any kind relies on several criteria identified by Rowe (2004, 20-21):

1. Competitions that award prizes
2. Venues with large crowd capacity
3. A labour market of professional and semi-professional players
4. State funding donated to the development of the sport
5. Merchandising sales
6. Sport media
7. Institutionalisation

While these criteria have been met during the development of successful traditional sports such as Football or Baseball, criteria 2, 3 and 4 are only partially met depending on the e-sport one is examining. The cost of running events, as well as the associated travel requirements, makes it very difficult to manage sports on a large scale. In the 19th Century, travelling sports venues were costly to run (transport, security, amenities) and so institutions were under pressure to ensure there were guaranteed spaces to play in the form of arenas or stadiums (Rowe 2004, 20). E-sports stadiums have been built by institutions such as KeSPA (Taylor 2012, 161), but very few e-sports have dedicated spaces to play and events like EVO are unusually dependent on booking the Mandalay Bay Events Center and the Las Vegas Convention Center that are not dedicated e-sports arenas.

IDENTITY AND THE INSTITUTION

Nationalism, classism, racism, ableism and sexism are rife in the early institutionalisation of traditional sports (Guttmann 1988; Guttmann 1994, 49; Wigglesworth 2007, 92; Roche 2000; Harvey 2005; Miller 2012). Few e-sports institutions make any codified divisions based on race, age, disability, nationality or gender as many traditional sports institutions do (and have done). E-sports institutions have not developed 'paralympic' equivalents, since a physical disability is not a guarantee of a player being disadvantaged.

Disabled players, such as fighting game player Mike ‘BrolyLegs’ Begum, can compete with and even train others despite disabilities that would prevent participation in non-paralympic traditional sports (Cross Counter TV 2014). There’s no reason why players should be separated along these dimensions for competitive play in any e-sport however gender division does still happen informally and Caucasian male competitors are predominant. Taylor (2012), Voorhees (2015) and Witkowski (2012a, 129) argue that hegemonic masculinity, which defines the identity of sporting athletes, also primarily defines the e-sports player who sees themselves as an athlete ‘minus the emphasis on physical qualities’ (Taylor 2012, 116). E-sports have the potential to level the playing field across many sectors of society but if e-sports institutions aspire to succeed modern traditional sports they may see the adoption of hegemonic masculinity as necessary.

Although the average age of American e-sports players is between 24 and 27 years old (EEDAR 2015, 12) there is theoretically no limit for a player’s age for competition in the same way that exists for traditional sport. Players as young as eight (TheScore Esports, 2018b) or nine (Lambert, 2007) have competed against much older players without a need to bracket competition. Section 9 of the Capcom Pro Tour (CPT) specifies a minimum age of 13 years old (Capcom U.S.A., Inc. 2018), presumably to be compliant with *Street Fighter 5’s* (Capcom & Dimps 2016) ratings information (‘Teen’ under the ESRB).⁷

An example of national boundaries being drawn by an e-sport institution is in the regionalisation of teams in the OWL. To qualify for a place on an OWL team, Blizzard Entertainment (2017b) does not regulate region-locking ‘in terms of place of birth or home

⁷ Ratings are also a concern for the recently proposed inclusion of e-sports as an Olympic event by the IOC who would prefer a representative game that does not include violent conflict (BBC Sport 2018; BBC News, 2018). While the broadcast of violent content is undoubtedly a concern for the IOC, the lack of a universal institution for e-sports is also seen as a hurdle e-sports need to clear to qualify for the Olympics (Nielsen Esports 2017, 28).

country of any player'. This has led to rampant importation which is highly unusual for the first years of a sport's life-cycle. The current reigning champion team of the OWL, London Spitfire, is exclusively comprised of players from South Korea (ESPN Esports 2018). While the integration of players who do not hail from a national team's country is not unusual in traditional sports such as Football, it is strange given the relative recency of *Overwatch's* institutionalisation. Football's nationally and regionally-oriented teams are legacy artefacts from the strictly nationalistic divisions of the sport's earlier history. It also speaks to the specific dominance of Korean players in OWL which seemingly counters Blizzard's efforts to organise competitive teams along national and regional alignments to draw in spectators. This homogeneity of nationality within OWL teams seems to run counter to Blizzard's stated philosophy on *Overwatch's* in-game characters as Hill (2017) identifies: 'noting particularly the significance of a line-up that "looks like what the world looks like," by which he [Nate Nanzer] means racially diverse, multinational, and equitably gendered'. To contrast this with the attitude of early sports institutions, importation was such a serious concern during the 1870s that bounties were announced for anyone who could provide evidence that a player was imported (Mason 1980, 71). Importation was considered counter to the amateur spirit of the game, despite how successful it made some teams, and was regulated by the F.A. While there is nothing inherently wrong with a national team including players from outside of its nation, it raises some interesting questions about where the values of e-sports institutions lie and how certain precedents have been set by traditional sports.

Guttmann's statement that 'receptivity to "exotic" sports has been limited to the more affluent and better educated sectors of the population' (1994, 173) is strangely apt when considering the national dimension of e-sports. Institutionalisation of many traditional sports occurred in a specifically national context and it wasn't until the early 20th century that the demands of international play required that major institutions extend globally (or at least

across the developed world). Despite e-sports developing in a globalised period of history, it remains the domain of developed nations. A lack of online infrastructure and official game-publishing channels in developing nations limits the likelihood of institutions including or being founded in those nations. The regionalisation of Major League Gaming (MLG), which fashions itself in the style of American spectator sports, has made it provincial to Northern America (Taylor 2012, 146). EVO is similarly regionally-aligned although EVO Japan 2018 is a recent endeavour to broaden the scope of the institution (TheScore Esports 2018b). Further national divisions exist between e-sports platforms such as PC/Console and mobile which are tied to continental market differences. Newzoo (2018a, 13, 25, 30) identifies *Battle of Balls* (2016), *Honor of Kings* (2016) and *Vainglory* (2014) as top mobile esports but the institutionalisation of these e-sports is largely invisible in the West. The OWL's player base is firmly rooted in the developed nations of North America, Europe and East Asia and its streamed events can only reach those countries with the proper infrastructure.

INTELLECTUAL PROPERTY AND MEDIA RIGHTS

The day before EVO 2013 began, Nintendo of America, Inc. blocked the video-streaming of *Melee* stating that the tournament organisers did not have permission to broadcast the game (TheScore Esports 2018b). This is an IP dispute similar in nature to the case of Blizzard vs KeSPA covered by Taylor (2012, 162-163). Due to negative backlash, Nintendo backed down and even sponsored the EVO 2014 *Melee* tournament. Debatably, the developers of e-sports rely on their players and tournaments more than any other developer but cases like this highlight a strange relationship that does not exist for traditional sports. E-sports all have an extant and traceable author (usually a corporation) that maintains IP rights over the game that is regulated by institutions that are a separate authority to that author. Institutions that run e-sports events but that do not own or publish the game(s) played at the

event are referred to as ‘Third-Party Organizer[s]’ (Newzoo 2018b, 12) who must secure rights to broadcast and promote tournaments featuring a developer’s game.

In 2010, Taylor (2012, 163) interviewed Paul Della Bitta (Blizzard representative) who stated: ‘we’re not in the business of e-sports’. This is interesting given Blizzard’s current standing in e-sports, directly overseeing two of the largest games, *Hearthstone* (2014) and *Overwatch*. The reason for Blizzard’s change of approach may have been to do with media rights issues but it may also have been to do with setting itself aside from its competitors at multi-game events as Abanazir (2018, 7) suggests. Referring to the OWL, Nate Nanzer, Blizzard’s global director of research and consumer insights, in an interview states: ‘If we structure a league the right way and put the right investment behind it, we can actually monetize it in a way that’s not too dissimilar from traditional sports’ (Hill, 2017). In retrospect, a developer taking on institutionalisation, cuts out the middle man with regards to media rights negotiation. Whether a game, an instance of it being played or its assets are fundamentally distinct copyrightable elements has been discussed by Boyden (2011), Burk (2013) and Abanazir (2018, 8), who touch upon the unusual difference between traditional games and e-sports with regards to their status as intellectual property. In any case, e-sports can be said to share three ‘authors’ given the sources of their rules: the developer, the institution and the community (Witkowski 2012b, 354). Yet in traditional sports institutions, the ‘developer’ lacks a true analogue. As Abanazir (2018, 8) states, institutions such as FIFA do not ‘have a monopoly on the *source*’ [Abanazir’s emphasis].

LUDIC DIFFUSION AND LONGEVITY

Ludic diffusion occurs at a rapid pace for e-sports due to several factors. Given that e-sports emerged in the mid 1990’s and developed alongside the internet and modern arcades, the ludic diffusion of e-sports has grown in parallel with these locations. Taylor (2012, 9)

argues that the initial success of organised e-sports activities was due to the capacity for play over LAN and DWANGO events and later broadband (Chee, 2006). Since latency is still a competitive limitation, teams playing over the internet would still be somewhat regionally aligned (Rambusch et al. 2007, 161). The real aid of the internet to e-sports institutions is how much easier it makes finding and communicating with others who can propagate a niche interest. The ability to find a community that shares one's interests is expedited the internet which was key to forming early grassroots e-sports tournaments such as EVO (Harper 2010, 193) or the Cyberathlete Professional League (CPL) (King and Borland 2003 in: Taylor 2012, 8). Similar reliance upon technology expedited the diffusion of Football. The logistics of finding another team or club to play coupled with the time required to travel to a venue were major roadblocks to the diffusion of Football until the expansion of the railway in England during the 19th century (Harvey 2005, 69).

There is no guarantee of a given sport being popular (Guttman 1994, 172). The phenomenon of gigantism, (Wallechinsky 2004, 30-31; Chappelet 2014) identified by the IOC, describes a problem whereby the organisation of the Olympic Games is so logistically difficult that certain limitations must be imposed. This includes axing certain sports based on criteria such as the sport's global popularity. The IOC decides the program of the Olympic Games and thus can confer a 'ludic legitimacy' (Guttman 1994, 137) on certain games if they elect to include them. However, practical concerns affect the inclusion of certain sports such as 'whether the sport looks good on television' (Wallechinsky 2004, 31) otherwise events like Dressage, Synchronised Swimming and Canoeing would not qualify for inclusion. *Marvel vs. Capcom 2: New Age of Heroes* (2000) and subsequent games in the series were a pillar of EVO for more than a decade before being dropped from the roster in 2018 due to diminished popularity (TheScore Esports 2018b). The longevity of its sport is a concern for any sport institution.

By 1858, *Baseball* was essentially recognisable as a predecessor to its modern form but some key differences (Goldstein 1989, 13). *Baseball's* major institutions refined these rules over the course of more than a century while still playing one continuous iteration of a single game. It is not currently conceivable how this might happen for a single video-game due to their technological and commercial dependencies. There are very few sports that do not include some tool external to the human body, but in the case of e-sports these technologies are subject to rampant change in the games industry - eager to sell new hardware and software to its consumers. Sports institutions must provide the 'playing field' for their competitors and, in the case of e-sports, must also specify machines that are up to code (Taylor 2012, 79). The death of the arcade scene required tournaments like EVO to move many of its games to console versions. Arcade cabinets were still available but were heavy, expensive to rent, required coin operation and would frequently break (TheScore Esports 2018a). Todd Harper (2010) and Nicholas Taylor (2009) have both discussed how gaming equipment has affected the set-up of competitive events such as the differences in individual arcade sticks or the length of controller cables. Tom Cannon has described the Dreamcast as 'Evo's Nemesis' because of how frequently the console would break during tournaments (Evo2kvids 2018). *Melee's* community has commented on the numerous legacy problems that jeopardise its longevity as the oldest widely-played e-sport: the lack of centralised institutionalisation, the requirement of obsolete CRT monitors, the lack of direct support from the game's developer, the unlikelihood of younger players taking up the game and the lack of financially secure professionalization (Pereira 2017). These cases point to the precarious nature of e-sports as being subject to the technology that are required to run them. Given that e-sports is still in its early history, comparisons between institutions created in the 19th century and the late 20th are inevitably difficult when judging the longevity of a given game and its institutions (Abanazir 2018, 11). Generally, e-sports face challenges to their

longevity compared to traditional sports. One could make an analogy between the different 'eras' of *Baseball* and the different versions of *Counter-Strike* as being technically separate instances of the same game, but the reality is that e-sports and traditional sports are often treated differently by their institutions in the long term because of their differing dependencies.

CONCLUSION

Similarities and differences can be generally identified between the institutionalisation of traditional sports in the mid-to-late 19th Century and e-sports from the mid-1990's onwards and much of this is to do with their historical contexts. The development of rulesets happens in much the same way between both sports institutions. The community develops informal game rules that are later codified and universalised by a game's institution(s). Sports institutions of both types can be seen establishing a moral philosophy that guides the character of the sport and its community as part of the process of institutionalisation. Both types also aim to propagate their game through promotional events, dispersal of their universal rulesets and institutional philosophy.

The main difference between the financial considerations of early sports institutions is the rapid integration of corporate enterprise in e-sports. Whereas traditional sports institutions were initially split by ideological differences such as amateurism (Rugby Union versus Rugby League) or ruleset loyalty (in the case of Rugby and Association Football), e-sports are split between grassroots versus corporate organisation (EVO compared to OWL). Traditional Sports institutions do not need to navigate IP rights except in the case of broadcast rights and sponsorship. E-sports must additionally consider IP and ratings information. Traditional sports institutions work with a community during institutionalisation and regulation whereas most e-sports institutions are also in dialogue with a game's

developer. Sports institutions tend to be organised along national boundaries and can discriminate in various ways, some of which are institutionalised. Early traditional sports institutions codified divisions between gender, race, age and ability whereas E-sports institutions do not formalise such divisions. Instead these informally occur, primarily for gender divisions and, to some extent, age. The Ludic diffusion of both types of institution have diffused thanks to developing technologies but e-sports currently lag behind the mainstream penetration eventually managed by traditional sports institutions. The longevity is a concern for both types of institutions but e-sports are in a more precarious situation due to various technological and commercial dependencies.

Developing on from this discussion it would be useful to examine e-sports institutions alongside other niche sporting areas such as leisure sports or extreme sports as these branches of sport may have greater similarities to e-sports in terms of scale and a more comparable historical context. Traditional sports have an extensive record laid out after their early institutionalisation which is currently not the case for e-sports. This is a key difference between them and the institutionalisation of sports like Football took decades compared to the institutionalisation of Overwatch which was almost immediate (Abanazir 2018, 10). Esports Bar & Newzoo (2018, 4) see e-sports as being historically similar to the UFC and suggest it could indicate the future of e-sports media rights and content distribution. Given the precarious nature of e-sports it might also be worth examining lessons to be learnt from sports institutions that failed such as those listed by Abanazir (2018, 10).

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List of Figures

Institution	Initialisation /Acronym	Date of Institutionalisation	Type of Sport	Associated Sport(s)	Status (as of 2018)
B Tournament Series	B3, B4, B5	1996	E-sport	Various Fighting Games	Defunct (Succeeded by EVO)
Capcom Pro Tour	CPT	2014	E-sport	Street Fighter (Series)	Active
Cyberathlete Professional League	CPL	1997	E-sport	Counter-Strike (Series), Quake (Series) and various strategy, MOBA and shooter	Active
Electronic Sports League	ESL	2000	E-sport	Various Video Games	Active
Evolution Championship Series	EVO	2002	E-sport	Street Fighter (Series), Marvel vs. Capcom (Series), Super Smash Bros. Melee and other Fighting Games	Active
Fédération International de Football Association	FIFA	1904	Traditional	Association Football, Futsal and Beach Soccer	Active
Korean E-Sports Association	KeSPA	2000	E-sport	Starcraft (Series), League of Legends, Dota 2 and Counter-Strike: Global Offensive	Active
Major League Baseball	MLB	1903	Traditional	Baseball	Active
Major League Gaming	MLG	2002	E-sport	Various Video Games	Active
National Association of Base Ball Players	NABBP	1857	Traditional	Baseball	Defunct (1871)
North American League of Legends Championship Series	NALCS	2013	E-sport	League of Legends	Active
Rugby Football League	RFL	1895	Traditional	Rugby Football	Active
Rugby Football Union	RFU	1871	Traditional	Rugby Football	Active
Sheffield Football Club	Sheffield FC	1857	Traditional	Association Football	Active
The Football Association (UK)	FA	1863	Traditional	Association Football	Active
The International	TI	2011	E-sport	Dota 2	Active
The International Olympic Committee	IOC	1894	Traditional	Gymnastics and many other athletic competitions and sports	Active
The Overwatch League	OWL	2017	E-sport	Overwatch	Active
Twin Galaxies	n/a	1981	Traditional	Arcade Leaderboards and other Records	Active
World Cyber Games	WCG	2000	E-sport	Various Video Games	Active

Table 1 – Information on sports institutions discussed