SportsDB29 Base Relations Doc

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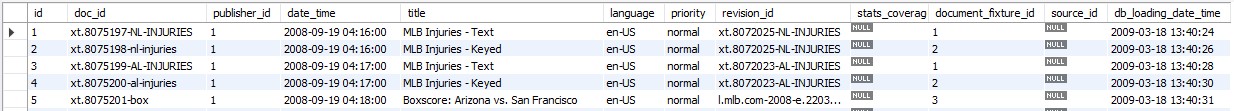
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# Document Relations



## documents

id: Auto-generated ID used as FK by other relations

doc\_id: ID generated by publisher- not referenced by any other relation

publisher\_id: FK to **publishers**(id)

date\_time: Date of publishing

title: Title of the document

language: Language of the document in BCP 47 format. For example: en-US, en-ZA

priority: (?)

revision\_id: Different rows in the **documents** relation can represent the same document at differing stages of completion, they will all have the same revision\_id

stats\_coverage: “A relative indication of how many statistics are included in the item”[[1]](#footnote-1)

document\_fixture\_id: FK to **document\_fixtures**(id). Publishers can have document fixtures that basically represent common types of documents that they publish. For example: a document\_fixture\_id of 1 represents the type *injuries*, and implies that the document concerns injuries in some way.

source\_id: FK to the **publishers**(id)

db\_loading\_date\_time: Timestamp of row insertion.

## latest\_revisions

id: Auto-generated ID

revision\_id: Stores the revision\_id of **documents**

latest\_document\_id: FK that references the latest iteration of a certain group of documents represented by the revision\_id

Graphical user interface, application

Description automatically generated

## document\_contents

id: Auto-generated ID

document\_id: FK to **documents**(id)

sportsml: Link to namespace of the sportsML document

sportsml\_blob: Blob of sportsML document that stores the data

abstract: Link to namespace of the abstract (?)

abstract\_blob: Blob of document abstract

Graphical user interface, text, application

Description automatically generated

## document\_fixtures

id: Auto-generated id used as FK by other relations

fixture\_key: Consistent key for the type of regularly published document

publisher\_id: FK of **publishers**(id) of publisher that uses the fixture

name: Displayable name for the fuxture type

document\_class\_id: FK to **document\_classes**(id)

**Graphical user interface, text, application

Description automatically generated**

## document\_classes:

id: Auto-generated ID used as FK by other relations

name: General class (or category) of a document

## teams\_documents

Represents binary relationships between teams and documents

## persons\_documents

Represents binary relationships between persons and documents

## affiliations\_documents

Represents binary relationships between affiliations and documents

## events\_documents

Represents binary relationships between events and documents

## db\_info

version: sportsDB or sportsML version(?)

# Person Relations

Table

Description automatically generated

## persons

id: Auto-generated ID used as FK by other relations

person\_key: Unique key of the person

publisher\_id: FK to **publishers**(id) of the publisher responsible for this entity’s data

gender: Male/female/mixed

birth\_date: YYYY-MM-DD

death\_date: YYYY-MM-DD

final\_resting\_location\_id: FK to **locations**(id)

birth\_location\_id: FK to **locations**(id)

hometown\_location\_id: FK to **locations**

residence\_location\_id: FK to **locations**

death\_location\_id: FK to **locations**

**Table

Description automatically generated**

## person\_phases

id: Auto-generated ID

person\_id: FK to **persons**(id)

membership\_type: String that defines type of membership that distinguishes this phase. (**teams**/**affiliations**)

membership\_id: References **affiliations**(id) *or* **teams**(id)

role\_id: FK to **roles**(id)

role\_status: Person’s status in their role.[[2]](#footnote-2)

phase\_status: Person’s status during the phase overall[[3]](#footnote-3).

uniform\_number: Uniform number of the person with regards to organisation referred to by *membership\_id* throughout the phase

regular\_position\_id: FK to **positions**(id) of position in which the person typically plays in the organisation referred to by *membership\_id* throughout the phase

regular\_position\_depth: The ranking of the person amongst all people in the organisation referred to by *membership\_id* who play the same position during the phase.

height: Height during the phase in cm

weight: Weight during the phase in cm

start\_date\_time: Date and time at which the phase started in YYYY-MM-DD

start\_season\_id: FK to **seasons**(id) of the season in which the phase started

end\_date\_time: Date and time at which the phase ended in YYYY-MM-DD

end\_season\_id: FK to **seasons**(id) of the season in which the phase ended

entry\_reason: Reason why the person entered the phase

exit\_reason: Reason why the person exited the phase

selection\_level: The level within which the player was selected to enter this phase. For example, 1, if drafted in 1st round

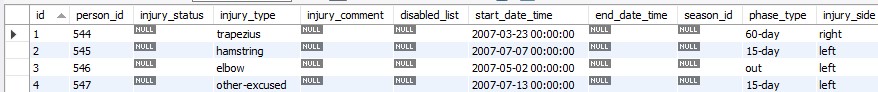
selection\_sublevel: The sublevel of the selection-level. For example, 27, if picked as 27th selection in 1st round

selection\_overall: The total ranking amongst all levels in a draft

duration: Rough estimate of phase duration if either *start\_date\_time* or *end\_date\_time* are unknown

phase\_type: Level of play during phase[[4]](#footnote-4)

subphase\_type: Subdivisions of phase types. For example, weight class in boxing or age divisions such as U18



## injury\_phases

id: Auto-generated ID

person\_id: FK to **persons**(id)

injury\_status: Active/Inactive (?)[[5]](#footnote-5)

injury\_type: What was injured? Knee, back, fingers, hamstring?

injury\_comment: Description of injury phase

disabled\_list: FK to **documents**(id)(?)

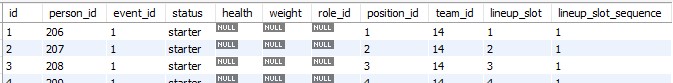
start\_date\_time: YYYY-MM-DD

end\_date\_time: YYYY-MM-DD

season\_id: FK to **seasons**(id) of the season in which the injury occurred

phase\_type: Unofficial report, or formalised disabled list[[6]](#footnote-6)

injury\_side: Left/right/both



## person\_event\_metadata

id: Auto-generated ID

person\_id: FK to **persons**(id)

event\_id: FK to **events**(id)

status: Whether a person starts playing at the start of the event, joins mid-game, or doesn’t play at all[[7]](#footnote-7)

health: Health of person. Injured/fine

weight: Weight of person during event

role\_id: FK to **roles**(id)

position\_id: FK to **positions**(id) of position the person plays during event

team\_id: FK to **teams**(id) of team the person plays for during the event

lineup\_slot: Order in which the person participated in the event

lineup\_slot\_sequence: The order in which people filled the lineup slot if it were substituted for some reason. Defaults to 1. The first substitute will be 2, second will be 3 etc.

## roles

id: Auto-generated ID used as FK by other relations

role\_key: Unique key for the role

role\_name: Name of role. Manager/player/coach (?)

comment: Description of role

Table

Description automatically generated

## positions

id: Auto-generated ID used as FK by other relations

affiliation\_id: FK to **affiliations**(id) of affiliation to which the position belongs

abbreviation: Abbreviation of the position, usually unique to specific affiliations

# Utility Relations

## publishers

id: Auto-generated ID used as FK by other relations

publisher\_key: Unique key of the publisher

publisher\_name: Name of the publisher

## display\_names

id: Auto generated ID

language: Language code in which to display the name

entity\_type: Type of entity to which the name belongs. persons/teams/affiliations

entity\_id: References the id attribute in the relation of whichever entity type the name belongs to

full\_name: Full name of entity

first\_name: First name of entity, if applicable

middle\_name: Middle name of entity, if applicable

last\_name: Last name of entity, if applicable

alias: A different name by which the entity can be referred to

abbreviation: Abbreviation of the name. For example, MLB

short\_name: (?)

prefix: An additional part at the beginning of the name. For example, titles such as Mr. or Ms.

suffix: An additional part at the end of the name. For example, Jr.

*Annotation: The* ***persons****,* ***teams****,* ***affiliations*** *relations can each store multiple entities that refer to the same real-world entity; each containing differing data depending on which publisher was responsible for sourcing said data, i.e., multiple* ***persons*** *entities may refer to the same person.*

*The* ***key\_roots*** *relation contains entities that are used as a “base” entity which uniquely refers to a real world entity and the* ***key\_aliases*** *relation**represents the relationships between variations in the* ***persons****,* ***teams****, and* ***affiliations*** *relations and their base entity in* ***key\_roots****.*

## key\_roots

id: Auto-generated ID used as FK by **key\_aliases**(key\_root\_id)

key\_type: Relation in which this entity’s variations are contained (**persons**/**teams**/**affiliations**)

## key\_aliases

id: Auto-generated ID

key\_id: FK to a variation of the base entity that is referenced by *key\_root\_id*

key\_root\_id: FK to **key\_roots**(id) of the base entity which contains the name of the relation in which this variation is contained

## sports\_property (?)*[[8]](#footnote-8)*

# Location Relations

## locations

id: Auto-generated ID referenced by other relations

city: The city of the location

state: The state/province of the location

area: Area name of the location

country: Name of the country

timezone: Name of the location’s time zone

latitude: Location’s latitude

longitude: Location’s longitude

country\_code: Two letter ISO code of the country. For example, za/us/gb

## sites

id: Auto-generated ID referenced by other relations

site\_key: Unique key of the site

publisher\_id: FK to **publishers**(id).

location\_id: FK to **locations**(id) of the site’s location

## addresses

id: Auto-generated ID

location\_id: FK to **locations**(id)

language: Language in which to display address information

suite: Suite of the address

floor: Floor number of the address

building: Building number of the address

street\_number: Number of the street

street\_prefix: Prefix of the street. For example, rue, calle de, etc.

street\_suffix: Suffix of the street. For example, street, avenue, boulevard

neighborhood: neighborhood of the address

district: The district

locality: The locality

county: The county

region: The region

postal\_code: The postal code

country: Two letter ISO country code

# Organization Relations

Table

Description automatically generated

## teams

id: Auto-generated ID referenced other relations

team\_key: Unique key of team

publisher\_id: FK to **publishers**(id) of entity responsible for this entity’s data

home\_site\_id: FK to **sites**(id) of the entity representing the team’s home site

Graphical user interface, application

Description automatically generated

## affiliations

id: Auto-generated ID referenced other relations

affiliation\_key: Unique key of team

affilitaion\_type: Type of affiliation. Represent not just organisations such as the Major League Baseball organization, but also simple affiliations, such as an entire sport. The third affiliation in the example screenshot represents the sport of Baseball. This seems to be how larger tournament structures are defined within sportsDB. You have your top tier affiliations that represent the sports themselves, then there are the organizations within the sports, and then below that you have your sports leagues that are organised by the organisations.

publisher\_id: FK to **publishers**(id) of entity responsible for this entity’s data

Table

Description automatically generated

## team\_phases

id: Auto-generated ID

team\_id: FK to **teams**(id)

start\_season\_id: FK to **seasons**(id)

end\_season\_id: FK to **seasons**(id)

affiliation\_id: FK to **affiliations**(id) of affiliation entity that the team is a member of

start\_date\_time: Date\_time of when the phase started

end\_date\_time: Date\_time of when the phase ended

phase\_status: Active/inactive[[9]](#footnote-9)

role\_id: FK to **roles**(id) (?)

Table

Description automatically generated

## affiliation\_phases

id: Auto-generated ID

affiliation\_id: FK to **affiliations**(id)

root\_id: Seems to be FK to the base entity stored in **key\_roots**, but it is not labeled as such on the sportsDB diagram

ancestor\_affiliation\_id: FK to **affiliations**(id) (?)

start\_season\_id: FK to **seasons**(id)

start\_date\_time:

end\_season\_id: FK to **seasons**(id)

end\_date\_time:

## rankings

id: Auto-generated ID

document\_fixture\_id: Not labeled as FK on sportsDB diagram

participant\_type: Team/affiliation/person

participant\_id: FK to entity in whichever relation is specified above

issuer: entity/organisation that issued the rank

ranking\_type: Type of rank. Generally publisher-specific vocabulary[[10]](#footnote-10)

ranking\_value: Current rank

ranking\_value\_previous: previous rank

date\_coverage\_type: Time period that the statistics describe[[11]](#footnote-11)

date\_coverage\_id: FK to entity in the relation mentioned above

# Stats Relations

*Graphical user interface

Description automatically generated*

## stats

*Annotation: The* ***stats*** *relation represents a ternary relationship between the relevant stat type (****penalty\_stats****/****core\_stats****), the period during which the stats were recorded (****seasons****/****events****), and the entity (****persons****,* ***teams****, etc.) that the stats belong to.*

id: Auto-generated ID

stat\_repository\_type: **core\_stats**/**penalty\_stats**/new golf-related relation

stat\_repository\_id: Reference to entity in above-mentioned relation that contains the relevant stats

stat\_holder\_type: **persons**, **teams**, etc.

stat\_holder\_id: Reference to entity in above-mentioned relation to which the stats belong

stat\_coverage\_type: (?)[[12]](#footnote-12)

stat\_coverage\_id: (?)

stat\_membership\_type: Type of entity that the holder is a member of during the period when the stats are recorded

stat\_membership\_id: Reference to entity in the table mentioned above

context: (?)

scope: Scope within which stats are recorded during the period described by the date\_coverage\_type attribute[[13]](#footnote-13)

## penalty\_stats

id: Auto-generated ID referenced by **stats**(stat\_repository\_id)

count: Number of this type of penalties given to person/team referenced by the relationship

type: Type of penalty. For example, red card, offside, etc.

value: Amount of score/time penalised for the given penalty type

## core\_stats

id: Auto-generated ID

score: Final or current score of the person/team entity referenced by the relationship

score\_opposing: Final or current score of the entity’s opponents during the coverage period

score\_attempts: Final or current number of attempts to score

score\_attempts\_opposing: Final or current number of attempts to score by opponents

score\_percentage: Percentage of successful score attempts

score\_percentage\_opposing: Percentage of successful score attempts of opponent

time\_played\_event: Amount of time played by the entity during a particular sports-event

time\_played\_total: Amount of time played by entity over the course of a particular timespan, such as a season

events\_played: Number of sports-events the entity participated in

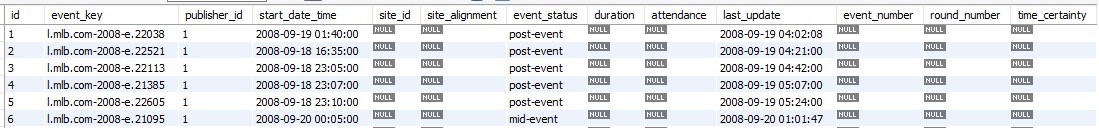
events\_started: Number of sports-events the entity has participated in since the commencement of the event

position\_id: Applicable to **persons** entities. Indicates that statistics only apply to events where the person played a specific position

series\_score: Number of events in a series won by team or person

series\_score\_opposing: Number of events in series won by opposing team or person

# Event Relations



## events

*Annotation: An event is a single match*

id: Auto-generated ID used as FK by other relations

event\_key: Unique key of the event

publisher\_id: FK to **publishers**(id) of publisher entity that sourced the data

start\_date\_time:

end\_date\_time:

site\_id: FK to **sites**(id); references site where event is held

site\_alignment: Home team’s site, or a neutral site[[14]](#footnote-14)

event\_status: post-event, mid-event, postponed, etc[[15]](#footnote-15)

duration: Length of time the event took place

attendance: Number of spectators in attendance

last\_update: The date\_time of the most recent document used to update event data

event\_number: The ranked position this event has amongst other events[[16]](#footnote-16)

round-number: Number of the round during which the event occurs[[17]](#footnote-17)

time\_certainty: Describes certainty of date\_time attributes[[18]](#footnote-18)

broadcast\_listing: (?)

start\_date\_time\_local: start\_date\_time converted to local time of the site(?)

medal\_event: (?)

series\_index: The tournament division or series to which an event belongs

Graphical user interface, text, application

Description automatically generated

## document\_fixtures\_events

*Annotation: Binary relationship between* ***events*** *entities and the* ***documents*** *entities that update their data*

id: Auto-generated ID

document\_fixture\_id: The document\_fixture\_id of document entity in the relationship

event\_id: FK to **events**(id)

latest\_document\_id: FK to documents(id); references the latest revision of the document- updates when new revisions of the document are inserted.

last\_update: Date\_time of when the latest\_document\_id attribute was last updated.

Table

Description automatically generated

## participants\_events

*Annotation: Binary relationship between (****teams****/****persons****) entities and* ***events*** *entities*

id: Auto-generated ID used as FK by **periods**

participant\_type: Persons/teams

participant\_id: References entity in above-mentioned relation

event\_id: FK to **events**(id); references event the above-mentioned entity is participating in

alignment: Is the entity playing a home or away game[[19]](#footnote-19)

score: Final or current score of the participant

event\_outcome: Win/loss/tie/undecided

rank: Final or current rank of the participant with respect to the event

result\_effect: Effect that the result or rank change has had on the team[[20]](#footnote-20)

score\_attempts: Final or current number of attempts to score by the participant

sort\_order: Whether scores are sorted in ascending/descending order to determine winner(?)

score\_type: “Qualifies ‘score’ attribute” (?)[[21]](#footnote-21)Like runs in cricket?

Table

Description automatically generated

## periods

id: Auto-generated ID

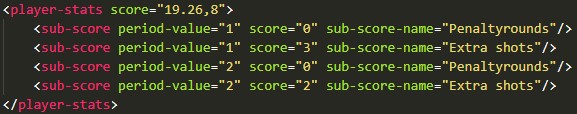
participant\_event\_id: FK to **participants\_events**(id)

period\_value: first half, period-1, inning-2, quarter-3; nthperiod of the event. Used to track stats and events by period

score: Score of the participant for that period

score\_attempts: Number of attempts made during the period by the participant

rank: Rank of the participant during the period

sub\_score\_key: Unique key for the sub-score[[22]](#footnote-22)

sub\_score\_type: Type of sub-score(?)

sub\_score and sub\_score\_name example from a biathlon xml document

sub\_score\_name: Name of the sub-score unit

## sub\_periods

id: Auto-generated ID

period\_id: FK to **periods**(id)

sub\_period\_value: nth sub-period

score: Participant score during the sub-period

score\_attempts: Number of attempts made during the sub-period by the participant

Graphical user interface, application

Description automatically generatedGraphical user interface, application

Description automatically generated

## affiliations\_events

*Annotation: Binary relationship between events and the affiliations that they are a part of. It completely defines how these events fit into larger structures. In the example screenshot, the event has three affiliations. Affiliation 3 represents the event’s affiliation with the sport of baseball, affiliation 1 represents its affiliation with a national sports conference, and affiliation 2 represents its affiliation with a league within the above-mentioned conference.*

affiliation\_id: FK to **affiliations**(id)

event\_id: FK to **events**(id)

Table

Description automatically generated

## seasons

id: Auto-generated ID used as FK by other relations

season\_key: Unique key of the season

publisher\_id: FK to **publishers**(id); references publisher entity that sourced the data

league\_id: FK to **affiliations**(id); references affiliation that hosts/organises events during the season

start\_date\_time:

end\_date\_time:



## sub\_seasons

id: Auto-generated ID

sub\_season\_key: Unique key of the sub season

season\_id: FK to **seasons**(id)

sub\_season\_type: Which period during the season[[23]](#footnote-23)

start\_date\_time:

end\_date\_time:

## events\_sub\_seasons

event\_id: FK to **events**(id)

sub\_season\_id: FK to **sub\_seasons**(id)

## weather\_conditions

id: Auto-generated ID

event\_id: FK to **events**(id)

temperature: Temperature

temperature\_units: Units

humidity: Humidity

clouds: Clear/cloudy/overcast (?)

wind\_direction:

wind\_velocity:

weather\_code: Controlled-vocabulary description of the weather[[24]](#footnote-24) [[25]](#footnote-25)

## awards

id: Auto-generated ID

participant\_type: **persons/teams**

participant\_id: FK to above-mentioned relation

award\_type: medal/trophy[[26]](#footnote-26)

name: Displayable awards name. For example, Champion, MVP

total: Total number of these awards given to the participant

rank: The place for which the prize is offered. For example, first place[[27]](#footnote-27)

award\_value: Money earned by the winner of the award[[28]](#footnote-28)

currency: Unit of currency for the award value

date\_coverage\_type: Time period during which play occurred[[29]](#footnote-29)

date\_coverage\_id: FK to entity in the relation mentioned above

## records

id: Auto-generated ID

participant\_type: **persons/teams**

participant\_id: FK to above-mentioned relation

record\_type: high/low[[30]](#footnote-30)

record\_label: textual description of the record type

record\_value: Score value of the record

previous\_value: Score value of the previous record

date\_coverage\_type: Same as above **awards**(date\_coverage\_type)

date\_coverage\_id: Same as above **awards**(date\_coverage\_id)

comment: Description of the record

# Wagering Line Relations

## bookmakers

id: Auto-generated ID used as FK by other relations

bookmaker\_key: Unique key for the bookmaker

publisher\_id: FK to **publishers**(id)

location\_id: FK to **locations**(id); references the location of the bookmaker

## wagering\_moneylines

id: Auto-generated ID

bookmaker\_id: FK to **bookmakers**(id); references maker of the line

event\_id: FK to **events**(id); references event being wagered on

date\_time: When the wagering info was assigned by the bookmaker

team\_id: FK to **teams**(id); references team being wagered on

person\_id: FK to **persons**(id); references person being wagered on

rotation\_key: “Reusable ID for the team generally agreed upon by a pool of bookmakers”[[31]](#footnote-31)

comment: A comment for the line. Often the same comment for both teams

vigorish: Commission paid to bookmaker

line: The actual line value

line\_opening: Opening value for the line

prediction: Whether the team/player is the favorite or the underdog

## wagering\_total\_score\_lines

id: Auto-generated ID

bookmaker\_id: FK to **bookmakers**(id); references maker of the line

event\_id: FK to **events**(id); references event being wagered on

date\_time: When the wagering info was assigned by the bookmaker

team\_id: FK to **teams**(id); references team being wagered on

person\_id: FK to **persons**(id); references person being wagered on

rotation\_key: “Reusable ID for the team generally agreed upon by a pool of bookmakers”[[32]](#footnote-32)

comment: A comment for the line. Often the same comment for both teams

vigorish: Commission paid to bookmaker

line\_over: OVER section of the OVER/UNDER line

line\_under: UNDER section of the OVER/UNDER line

total: combined total of the scores of the two teams/players

total\_opening: Opening value of the combined score of the two teams/players

prediction: Whether the team/player is the favorite or the underdog

## wagering\_runlines (?)

## wagering\_odds\_lines

id: Auto-generated ID

bookmaker\_id: FK to **bookmakers**(id); references maker of the line

event\_id: FK to **events**(id); references event being wagered on

date\_time: When the wagering info was assigned by the bookmaker

team\_id: FK to **teams**(id); references team being wagered on

person\_id: FK to **persons**(id); references person being wagered on

rotation\_key: “Reusable ID for the team generally agreed upon by a pool of bookmakers”[[33]](#footnote-33)

comment: A comment for the line. Often the same comment for both teams

numerator: Numerator of the chance given to the team/player

denominator: The denominator of the chance given

prediction: Whether the team/player is the favorite or the underdog

payout\_calculation: Amount of additional money that gets paid if the chosen team/player wins

payout\_amount: Total payout- including amount invested

## wagering\_straight\_spread\_lines

id: Auto-generated ID

bookmaker\_id: FK to **bookmakers**(id); references maker of the line

event\_id: FK to **events**(id); references event being wagered on

date\_time: When the wagering info was assigned by the bookmaker

team\_id: FK to **teams**(id); references team being wagered on

person\_id: FK to **persons**(id); references person being wagered on

rotation\_key: “Reusable ID for the team generally agreed upon by a pool of bookmakers”[[34]](#footnote-34)

comment: A comment for the line. Often the same comment for both teams

vigorish: Commission paid to bookmaker

line\_value: The value of the line accompanying the spread

line\_value\_opening: The opening value for the line

prediction: Whether the team/player is the favorite or the underdog

# Standings Relations

## standings

*Annotation: Ranked, comparative list of team or individual records*

id: Auto-generated ID

affiliation\_id: FK to **affiliations**(id); references affiliation organizing the season

standing\_type: **teams**/**persons** (?)

sub\_season\_id: FK to **sub\_seasons**(id); references sub-season the statistics are taken from

last\_updated: Date\_time from last time the data was updated

source: publisher/document(?)

## standing\_subgroups

id: Auto-generated id

standing\_id: FK to **standings**(id)

affiliation\_id: FK to **affiliations**(id)

alignment\_scope: Indicates statistics only apply to events played at home or away[[35]](#footnote-35)

competition\_scope: Indicates statistics only apply to events played against particular groups of opponents[[36]](#footnote-36)

competition\_scope\_id: FK referencing **stats**(?)

duration\_scope: Indicates what class of events the included statistics apply to[[37]](#footnote-37)

scoping\_label: Description of the scope

site\_scope: Indicates the stats only apply to events to took place at a specific site

## outcome\_totals

id: Auto-generated ID

standing\_subgroup\_id: FK to **standing\_subgroups**(id); references entity that describes the scope of the outcomes

outcome\_holder\_type: **teams**/**persons**

outcome\_holder\_id: FK to above-mentioned relation

rank: Rank of the outcome holder in the standing

wins: Number of wins for the outcome holder in the standing

losses: Number of losses for the outcome holder in the standing

ties: Number of ties for the outcome holder in the standing

wins\_overtime: Number of wins in events which went to over time

losses\_overtime: Number of losses in events which went into overtime

undecideds: Events that started, but were never decided

winning\_percentage: Percentage of wins. Generally, wins divided by total events

points\_scored\_for: The number of points the outcome holder scored against its opponents

points\_scored\_against: The number of points opponents scored against the outcome holder

points\_difference: Final calculated difference between *points\_scored\_for* and *points\_scored\_against*

standing\_points: “A quantity used to rank teams, usually within a division, in order to decide who comes in first at the end of a season”[[38]](#footnote-38)

streak\_type: streak of wins, losses, etc.[[39]](#footnote-39)

streak\_duration: How long the streak lasted

streak\_total: Total score during the streak

streak\_start: Date\_time of when the streak started

streak\_end: Date\_time of when the streak ended

events\_played: Number of events played that fall within the scope of the standing group

games\_back: A number used to measure how behind the outcome holder is from first place[[40]](#footnote-40)

result\_effect: The effect that the result has on the outcome holder[[41]](#footnote-41)

sets\_against: tennis score(?)

The only result when I search for “sets” in the sportsML docs

sets\_for:

1. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#statsCoverage.Core.Vocabulary> [↑](#footnote-ref-1)
2. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#status.Core.Vocabulary> [↑](#footnote-ref-2)
3. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#phaseStatus.Core.Vocabulary> [↑](#footnote-ref-3)
4. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#phaseType.Core.Vocabulary> [↑](#footnote-ref-4)
5. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#phaseStatus.Core.Vocabulary> [↑](#footnote-ref-5)
6. The samples I used seem to have further distinguished between unofficial reports based on likelihood, and between official reports based on expected recovery time [↑](#footnote-ref-6)
7. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#status.Core.Vocabulary> [↑](#footnote-ref-7)
8. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#sports-property> [↑](#footnote-ref-8)
9. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#phaseStatus.Core.Vocabulary> [↑](#footnote-ref-9)
10. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#rank_type> [↑](#footnote-ref-10)
11. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#dateCoverageType.Core.Vocabulary> [↑](#footnote-ref-11)
12. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#statsCoverage.Core.Vocabulary> [↑](#footnote-ref-12)
13. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#competitionScope.Core.Vocabulary> [↑](#footnote-ref-13)
14. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#coverageAttributes_alignment-scope> [↑](#footnote-ref-14)
15. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#eventStatus.Core.Vocabulary> [↑](#footnote-ref-15)
16. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#event-metadata_event-number> [↑](#footnote-ref-16)
17. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#tournament-round-metadata_round-number> [↑](#footnote-ref-17)
18. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#event-metadata_time-certainty> [↑](#footnote-ref-18)
19. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#site-stats_alignment> [↑](#footnote-ref-19)
20. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#resultEffect.Core.Vocabulary> [↑](#footnote-ref-20)
21. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#statAttributes_score-type> [↑](#footnote-ref-21)
22. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#sub-score> [↑](#footnote-ref-22)
23. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#seasonType.Core.Vocabulary> [↑](#footnote-ref-23)
24. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#site-stats_weather-code> [↑](#footnote-ref-24)
25. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#weatherPrediction.Core.Vocabulary> [↑](#footnote-ref-25)
26. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#awardType.Core.Vocabulary> [↑](#footnote-ref-26)
27. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#award_place> [↑](#footnote-ref-27)
28. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#award_value> [↑](#footnote-ref-28)
29. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#dateCoverageType.Core.Vocabulary> [↑](#footnote-ref-29)
30. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#coverageAttributes_scoping-label> [↑](#footnote-ref-30)
31. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#wagering-moneyline_rotation-key> [↑](#footnote-ref-31)
32. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#wagering-moneyline_rotation-key> [↑](#footnote-ref-32)
33. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#wagering-moneyline_rotation-key> [↑](#footnote-ref-33)
34. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#wagering-moneyline_rotation-key> [↑](#footnote-ref-34)
35. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#alignmentScope.Core.Vocabulary> [↑](#footnote-ref-35)
36. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#competitionScope.Core.Vocabulary> [↑](#footnote-ref-36)
37. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#durationScope.Core.Vocabulary> [↑](#footnote-ref-37)
38. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#outcome-totals_standing-points> [↑](#footnote-ref-38)
39. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#outcome-totals_streak-type> [↑](#footnote-ref-39)
40. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-core_xsd.html#outcome-totals_games-back> [↑](#footnote-ref-40)
41. <http://www.iptc.org/std/SportsML/2.2/documentation/SportsML-G2/sportsml-vocabulary-core_xsd.html#resultEffect.Core.Vocabulary> [↑](#footnote-ref-41)