Codebook for "Population Trends in Internet Sports Gambling"

Source: Division on Addiction, Cambridge Health Alliance

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Related publication: LaPlante, D. A., Schumann, A., LaBrie, R. A., & Shaffer, H. J. (2008). Population trends in Internet sports gambling. *Computers in Human Behavior*, *24*(5), 2399–2414.
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Study description: This package contains the analytic data set for the first longitudinal analysis of online gambling participation and activity among a population of newly subscribed Internet bettors (LaPlante et al., 2008). This data set comes from the collaborative Internet gambling research project between the Division on Addictions (DOA) and bwin Interactive Entertainment AG (bwin) (currently known as the Division on Addiction and Entain plc, respectively). This data set contains demographics and sports betting records of a cohort of 46,339 subscribers who first opened an account with bwin during February 2005. The records represent 18 months of activity, starting on February 1, 2005 and ending on August 31, 2006.

We separated the data into three comma-delimited, plain text files. As stated in LaPlante et al. (2008), the authors applied filters to a raw data set with more subscribers to obtain the analytic data set found here.

- The original raw data contained information for 47,603 subscribers.
- The authors removed 102 subscribers whose first bet with a bwin service occurred on 2006-08-01 or later.
- The authors then removed 1,123 subscribers that did not place a sports bet during the study period.
- The authors then removed 6 subscribers "who evidenced having exceptional financial means" (See the manuscript for more details.).
- The authors then removed 20 subscribers who did not deposit funds before 2007-08-01.
- The authors then removed 6 subscribers with dates of first sports bet during or after 2006-09-01.
- The authors then removed 3 additional subscribers who did not have any fixed odds sports betting or live action sports betting records in the daily aggregates data.
- The authors then removed 4 more subscribers. We could not find any comments in the code as to why they removed these four. However, we do not believe that their omission represents a significant change in the reported results.
- The final analytic sample contains 46,339 subscribers. This is the analytic sample described in LaPlante et al. (2008).

The first file, PopTrendsBData1Fixed.csv, contains the daily aggregates of fixed odds sports betting activity.

- UserID is a numeric ID number bwin assigned to each subscriber at the time of registration.
- DateBet is the date of the betting activity in YYYY-MM-DD format. The dates range from 2005-02-01 to 2006-08-31.
- StakeF is the total amount in Euros bet on fixed odds sports bets.
- WinF is the total amount in Euros won in fixed odds sports bets.
- BetsF is the number of fixed odds sports bets placed by the subscriber.

The second data file, PopTrendsBData2Live.csv, contains the daily aggregates of live action sports betting activity.

- UserID is a numeric ID number bwin assigned to each subscriber at the time of registration.
- DateBet is the date of the betting activity in YYYY-MM-DD format. The dates range from 2005-02-01 to 2006-08-31.
- StakeL is the total amount in Euros bet on live action sports bets.
- WinL is the total amount in Euros won in live action sports bets.
- BetsL is the number of live action sports bets placed by the subscriber.

The third data file, PopTrendsBData3Aggs.csv, contains summary statistics covering the whole study period, from 2005-02-01 to 2006-08-31. There are 46,339 rows, one for each subscriber in the analytic data set. All aggregates (i.e., amounts bet, amounts won, numbers of bets, and numbers of days) cover the period that starts with the subscriber's first deposit (Date1Dep) and ends with the last date of the study period (2006-08-31).

- UserID is a numeric ID number bwin assigned to each subscriber at the time of registration.
- CountryID is a numeric code representing players' countries of residence. Most are the ISO 3166-1 codes. The exceptions are 530 for Netherlands Antilles and 736 for Sudan.
- Gender is coded as 0 for female and 1 for male.
- BirthYear is the birth year of the subscriber. The two subscribers are missing birth years. In the raw data, "1/1/1900" was their listed birthday. The birth years range from 1900 to 1991.
- DateReg is the subscriber's registration date. These dates range from 2005-02-01 to 2005-02-28.
- TimeReg is the time (as hh:mm) of the subscriber's registration.
- Date1Dep is the date the subscriber first deposited funds into their bwin account.
- Date1Bet is the date the subscriber first placed a bet with bwin. The bet might not have been a sports bet.
- Date1Spo is the date the subscriber first placed a sports bet, fixed odds or live action.
- StakeF is the total amount in Euros bet on fixed odds sports bets.
- StakeL is the total amount in Euros bet on live action sports bets.
- StakeA is StakeF plus StakeL.
- WinF is the total amount in Euros won in fixed odds sports bets.
- WinL is the total amount in Euros won in live action sports bets.
- WinA is WinF plus WinL.
- BetsF is the number of fixed odds sports bets placed by the subscriber.
- BetsL is the number of live action sports bets placed by the subscriber.
- BetsA is BetsF plus BetsL.
- DaysF is the number of different days that the subscriber placed a fixed odds sports bet.
- DaysL is the number of different days that the subscriber placed a live action sports bet.
- DaysA is the number of different days that the subscriber placed a sports bet. This is NOT equal to DaysF plus DaysL, since a subscriber can place a fixed odds sports bet and a live action sports bet on the same day.