Codebook for "Sitting at the Virtual Poker Table":

February 2005 through February 2007

This codebook provides information about the raw and analytic datasets that provided the evidence base for research focusing on actual Internet poker gambling (LaPlante et al., 2009). These datasets derive from the collaborative Internet gambling research project between the Division on Addictions (DOA) and bwin Interactive Entertainment, AG (bwin), an Internet betting service provider headquartered in Vienna, Austria. These datasets provide evidence from twenty-four months of the prospective longitudinal, real-time, Internet poker-playing behavior.

The datasets contain raw and analytic data representing twenty-four months of aggregated betting behavior data for sequential bwin subscribers who opened an account with bwin during the period from February 1, 2005 through February 28, 2005. The raw datasets *RawDataSet1_DemographicsPoker* and *RawDataSet2_AggregatePoker* represent data from 48,114 people (100% of people who subscribed during February, 2005). Of the full cohort, 4,459 elected to play poker online. Of these, we excluded 951 participants who played fewer than four poker sessions during the study period and 63 poker players who did not begin poker play until the last month of the study period (i.e., began playing poker after January 31, 2007). The resulting sample, included in the analytic data set *AnalyticDataSet_Poker*, consists of the remaining 3,445 people who contributed data to the analyses reported in LaPlante et al. (2009).

Source(s): Division on Addictions, Cambridge Health Alliance, a teaching affiliate of Harvard Medical School

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Sponsor(s): bwin, Interactive Entertainment, AG

Related publication:
LaPlante, D. A., Kleschinsky, J., LaBrie, R. A., Nelson, S. E., & Shaffer, H. J. (2009). Sitting at the Virtual Poker Table: A Prospective Epidemiological Study of Actual Internet Poker Gambling Behavior. *Computers in Human Behavior*, 25(3). 711-717.

Raw Dataset 1 - Demographics

RawDataSet1_DemographicsPoker contains the following demographic information of bwin poker players: UserID, Country (Appendix 1), Language (Appendix 2), Gender, Registration Date, Date of First Poker Session, and Date of Last Poker Session. Information about City of Residence and Date of Birth are censored to protect participant privacy and comply with institutional review board (IRB) requirements.

Raw Dataset 2 – Daily Aggregation

RawDataSet2_AggregatePoker contains the actual poker playing information for each participant who opened an account with bwin during the period from February 1, 2005 through February 28, 2005. All 48,114 subscribers are included in this dataset, but only the 4,459 subscribers who played poker during the study period contribute poker playing information. This dataset contains the following information: User ID, Language, Gender, Registration Date, Date of first poker session, Eligibility for poker analysis, Total sessions, Total wagered, Duration (interval in days

between first and last poker sessions), Percent lost, Net loss, Sessions per day, Euros per session, and Most involved group status. All transactions have been converted to Euros.

Analytic Dataset - Actual Poker Activity: February 2005 through February 2007

The analytic dataset *AnalyticDataSet_Poker* contains actual poker playing behavior for each of the 3,445 participants who met criteria for analyses reported in LaPlante et al. (2009). These participants played at least four poker sessions during the study period and began playing poker on or before January 31, 2007. The DOA retained the following variables for each participant from the raw datasets to the analytic dataset: UserID, Country, Language, Gender, Age (at registration), Duration, Total sessions, Sessions per day, Euros per session, Total wagered, Net loss, Percent lost, Most involved group status, Date of first poker session, and Date of last poker session.

Variables in *RawDataSet1_DemographicsPoker*

Variable	Data Type	Description	N	Min	Max	Note
UserID	Numeric	User ID	48,114	1324354	1405190	User ID was assigned to each participant by bwin at time of registration.
Country	Numeric	Country of Residence	48,114	20	891	Please see appendix 1.
Language	Numeric	Primary Language	48,114	1	20	Please see appendix 2.
Gender	Numeric	Gender	48,114	0	1	0: female; 1: male
RegistrationDate	Date	Registration Date	48,114	01-Feb-2005	28-Feb-2005	Date of registration with bwin.com
Date_First_Poker_Session	Date	Date of First Poker Session	4,459	01-Feb-2005	28-Feb-2007	Date of first poker session
Date_Last_Poker_Session	Date	Date of Last Poker Session	4,459	01-Feb-2005	28-Feb-2007	Date of last poker session

Variables in Raw Dataset II *RawDataSet2_AggregatePoker*

Variable	Data Type	Description	N	Min	Max	Note
UserID	Numeric	User ID	48,114	1324354	1405190	User ID was assigned to each participant by bwin at time of registration.
CountryID	Numeric	Country of Residence	48,114	20	891	Please see appendix 1.
LanguageID	Numeric	Primary Language	48,114	1	20	Please see appendix 2.
Gender	Numeric	Gender	48,114	0	1	0: female; 1: male
Registration_Date	Date	Registration Date	48,114	01-Feb-2005	28-Feb-2005	Date of registration with bwin.com
Date_First_Poker_Session	Date	Date of First Poker Session	4,459	01-Feb-2005	28-Feb-2007	Date of first poker session
Total_Sessions	Numeric	Total Sessions	4,459	1	6572	
Total_Wagered	Numeric	Total Wagered	4,459	0.01	4416608.48	
Duration	Numeric	Interval in Days between First and Last Poker Sessions	4,400	1	758.00	N = 4,400 because this measure was not prepared for 59 participants who do not meet criteria for poker analysis (i.e. played fewer than four poker sessions or began playing poker after January 31, 2007).
Percent_Lost	Numeric	Net Loss Divided by Total Wagered	4,459	-21.74	1.00	
Net_Loss	Numeric	Total Wagered Minus Total Winnings	4,459	-58588.52	52707.26	
Sessions_Per_Day	Numeric	Total Sessions Divided by Duration	4,400	0.00	20.00	N = 4,400 because this measure was not prepared for 59 participants who do not meet criteria for poker analysis (i.e. played fewer than four poker sessions or began playing poker after January 31, 2007).
Euros_Per_Sessions	Numeric	Total Wagered Divided by Total Sessions	4,459	0.01	8089.03	

Variables in Analytic Dataset *AnalyticDataSet_Poker*

Variable	Data Type	Description	N	Min	Max	Note
UserID	Numeric	User ID	3,445	1324355	1405176	User ID was assigned to each participant by bwin at time of registration.
CountryID	Numeric	Country of Residence	3,445	20	891	Please see appendix 1.
LanguageID	Numeric	Primary Language	3,445	1	20	Please see appendix 2.
Gender	Numeric	Gender	3,445	0	1	0: female; 1: male
Age	Numeric	Age as of Registration Date	3,445	16	79	
Duration	Numeric	Interval in Days between First and Last Poker Sessions	3,445	1	758	
Total_sessions	Numeric	Total Sessions	3,445	4	6572	
Sessions_Per_Day	Numeric	Total Sessions Divided by Duration	3,445	0.01	17.94	
Euros_Per_Session	Numeric	Total Wagered Divided by Total Sessions	3,445	0.00	8089.03	
Total_Wagered	Numeric	Total Wagered	3,445	0.57	4416608.48	
Net_Loss	Numeric	Total Wagered Minus Total Winnings	3,445	-58588.52	52707.26	
Percent_Lost	Numeric	Net Loss Divided by Total Wagered	3,445	-5.03	1.00	
Most_Involved_Group	Numeric	Most Involved Group	3,445	0	1	0 = Majority (95%) in Total Wagered 1 = Top 5% in Total Wagered
First_Poker_Session_Date	Date	First Poker Session Date	3,445	01-Feb-05	31-Jan-07	
Last_Poker_session_Date	Date	Last Poker Session Date	3,445	04-Feb-05	28-Feb-07	

Appendix 1: Codings for Country

Country	Country Name
4	Afghanistan
8	Albania
10	Antarctica
12	Algeria
16	American Samoa
20	Andorra
24	Angola
28	Antigua and Barbuda
31	Azerbaijan
32	Argentina
36	Australia
40	Austria
44	Bahamas
48	Bahrain
50	Bangladesh
51	Armenia
52	Barbados
56	Belgium
60	Bermuda
64	Bhutan
68	Bolivia
70	Bosnia and Herzegovina
72	Botswana
74	Bouvet Island
76	Brazil
84	Belize
86	British Indian Ocean Territory
90	Solomon Islands
92	Virgin Islands (British)
96	Brunei Darussalam
100	Bulgaria
104	Myanmar
108	Burundi
112	Belarus

116	Cambodia
120	Cameroon
124	Canada
132	Cape Verde
136	Cayman Islands
140	Central African Republic
144	Sri Lanka
148	Chad
152	Chile
156	China
158	Taiwan
162	Christmas Island
166	Cocos (Keeling) Islands
170	Colombia
174	Comoros
175	Mayotte
178	Congo
180	the Democratic Republic of the Congo
184	Cook Islands
188	Costa Rica
191	Croatia
192	Cuba
196	Cyprus
203	Czech Republic
204	Benin
208	Denmark
212	Dominica
214	Dominican Republic
218	Ecuador
222	El Salvador
226	Equatorial Guinea
231	Ethiopia
232	Eritrea
233	Estonia
234	Faroe Islands
238	Falkland Islands
242	Fiji

246	Finland
250	France
254	French Guinea
258	French Polynesia
260	French Southern Territories
262	Djibouti
266	Gabon
268	Georgia
270	Gambia
276	Germany
288	Ghana
292	Gibraltar
296	Kiribati
300	Greece
304	Greenland
308	Grenada
312	Guadeloupe
316	Guam
320	Guatemala
324	Guinea
328	Guyana
332	Haiti
334	Heard and Mc Donald Islands
336	Vatican City State (Holy See)
340	Honduras
344	Hong Kong
348	Hungary
352	Iceland
356	India
360	Indonesia
364	Iran
368	Iraq
372	Ireland
376	Israel
380	Italy
384	Cote d'Ivoire
388	Jamaica

392	Japan
398	Kazakhstan
400	Jordan
404	Kenya
408	Korea, Republic of
410	Korea (South)
414	Kuwait
417	Kyrgyzstan
418	Lao Peoples Democratic Republic
422	Lebanon
426	Lesotho
428	Latvia
430	Liberia
434	Libya
438	Liechtenstein
440	Lithuania
442	Luxembourg
446	Macau
450	Madagascar
454	Malawi
458	Malaysia
462	Maldives
466	Mali
470	Malta
474	Martinique
478	Mauritania
480	Mauritius
484	Mexico
492	Monaco
496	Mongolia
498	Moldavia
500	Montserrat
504	Morocco
508	Mozambique
512	Oman
516	Namibia
520	Nauru

524	Nepal
528	Holland
530	Netherlands Antilles
533	Aruba
540	New Caledonia
548	Vanuatu
554	New Zealand
558	Nicaragua
562	Niger
566	Nigeria
570	Niue
574	Norfolk Island
578	Norway
580	Northern Mariana Islands
581	Unites States Minor Outlying Islands
583	Micronesia, Federated States of
584	Marshall Islands
585	Palau
586	Pakistan
591	Panama
598	Papua New Guinea
600	Paraguay
604	Peru
608	Philippines
612	Pitcairn
616	Poland
620	Portugal
624	Guinea-Bissau
626	East Timor
630	Puerto Rico
634	Qatar
638	Reunion
642	Romania
643	Russian Federation
646	Rwanda
654	St. Helena
659	Saint Kitts and Nevis

660	Anguilla
662	St. Lucia
666	St. Pierre and Miquelon
670	Saint Vincent and the Grenadines
674	San Marino
678	Sao Tome and Principe
682	Saudi Arabia
686	Senegal
690	Seychelles
694	Sierra Leone
702	Singapore
703	Slovakia
704	Vietnam
705	Slovenia
706	Somalia
710	South Africa
716	Zimbabwe
724	Spain
732	Western Sahara
736	Sudan
740	Suriname
744	Svalbard and Jan Mayen Islands
748	Swaziland
752	Sweden
756	Switzerland
760	Syria
762	Tajikistan
764	Thailand
768	Togo
772	Tokelau
776	Tonga
780	Trinidad and Tobago
784	United Arab Emirates
788	Tunesia
792	Turkey
795	Turkmenistan
796	Turks and Caicos Islands

798	Tuvalu
800	Uganda
804	Ukraine
807	FYR Macedonia
818	Egypt
826	United Kingdom
834	Tanzania
840	USA
850	United States Virgin Islands
854	Burkina Faso
858	Uruguay
860	Uzbekistan
862	Venezuela
876	Wallis and Futuna Islands
882	Samoa (Independent)
887	Yemen
891	Serbia and Montenegro
894	Zambia
895	Diego Garcia
896	Ascension
897	Australian overseas territories
898	Tokelau
1000	Undefined

Appendix 2: Codings for Language

Language	Language Description
1	English
2	German
3	Italian
4	Spanish
5	Swedish
6	French
7	Turkish
8	Greek
9	Polish
10	Norwegian
11	Danish
12	Catalan
13	Czech
14	Hungarian
15	Dutch
16	Portuguese
17	Russian
18	Slovenian
19	Croatian
20	Slovak
21	Simple Chinese
22	Traditional Chinese