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## **Mathematical Analysis of “Dealer Bust 21” Blackjack Side Bet**

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### **Rules for Dealer Bust 21**

1. *Dealer Bust 21* is a blackjack side bet, available for blackjack dealt from 1, 2, 6 or 8 decks.
2. The player must place a blackjack bet in order to play the *Dealer Bust 21* side bet.
3. If a player chooses to participate, an additional *Dealer Bust 21* wager is placed in the designated area on the layout.
4. All bets will be placed prior to the dealer dealing any cards.
5. The *Dealer Bust 21* side bet is resolved based on the final result of the dealer's hand.
6. If one or more players make a *Dealer Bust 21* side bet, then the dealer must play out his hand according to the house rules, regardless if all players have busted, or have blackjack, or otherwise there are no players remaining with live blackjack hands.
7. The player wins the *Dealer Bust 21* side bet if the dealer busts. The player is paid by reference to the associate pay table for the game and dealer upcard. See Figure 1.
8. Otherwise, if the dealer does not bust, the player loses and forfeits his *Dealer Bust 21* wager.

**Pay Tables and House Advantage**

The following pay tables are available for the *Dealer Bust 21* side bet. The payouts are divided into four categories based on the dealer upcard: the bust cards, 2, 3, 4, 5, 6; the intermediate cards, 7, 8, 9; the face cards, T, J, Q, K; and an ace, A. In pay table 3, all pays are the same (2-to-1) for a dealer bust. In pay table 4, the player is paid 4-to-1 if the dealer busts with a non-bust card, otherwise the player is paid 1-to-1 (even money) for a dealer bust.

<b>Dealer Bust 21 Pay Tables</b>					
<b>Outcome of Dealer's Hand</b>	<b>Dealer Upcard</b>	<b>Pay Table #1</b>	<b>Pay Table #2</b>	<b>Pay Table #3</b>	<b>Pay Table #4</b>
<b>Dealer Busts</b>	A	10	15	2	4
<b>Dealer Busts</b>	T,J,Q,K	4	4	2	4
<b>Dealer Busts</b>	7,8,9	2	2	2	4
<b>Dealer Busts</b>	2,3,4,5,6	1	1	2	1
<b>Dealer Doesn't Bust</b>	Any	lose	lose	lose	lose

**Figure 1.**

Figure 2 gives the house advantage, depending on the pay table used, the number of decks, and the house rules. The rule that the dealer must hit soft 17 is denoted H17. The rule that the dealer must stand on soft 17 is denoted S17. Note that the dealer busts more often with the H17 rule than with the S17 rule. Therefore, for a fixed pay table, the game will be more player-favorable with the H17 rule than the S17 rule.

<b>Dealer Bust 21 House Advantage</b>				
<b>Game</b>	<b>Pay Table #1</b>	<b>Pay Table #2</b>	<b>Pay Table #3</b>	<b>Pay Table #4</b>
<b>1 Deck, H17</b>	7.375%	1.975%	13.755%	2.594%
<b>1 Deck, S17</b>	9.806%	5.324%	14.924%	3.925%
<b>2 Decks, H17</b>	7.722%	2.351%	14.066%	2.879%
<b>2 Decks, S17</b>	10.139%	5.682%	15.225%	4.199%
<b>6 Decks, H17</b>	7.949%	2.597%	14.272%	3.066%
<b>6 Decks, S17</b>	10.356%	5.915%	15.424%	4.380%
<b>8 Decks, H17</b>	7.978%	2.628%	14.298%	3.089%
<b>8 Decks, S17</b>	10.383%	5.944%	15.448%	4.402%

**Figure 2.**

### **Methodology for the Mathematical Analysis of the Dealer Bust 21 Blackjack side bet**

The *Dealer Bust 21* blackjack side bet was analyzed using programs written in the C++ programming language and combinatorial analysis. All dealer hands were played out in every possible way for every combination of dealer-up card (A,2,3,4,5,6,7,8,9,T,J,Q,K), number of decks (1, 2, 6, 8) and house rules (H17, S17). The results were tabulated and imported into Excel to complete the combinatorial analysis. The computations for the house edge for every rule variation in Figure 2 appear in Appendix A. Every house advantage given in Figure 2 was audited using a computer program written in C++ that performed a Monte Carlo simulation. Each simulation consisted of at least one hundred million (100,000,000) rounds. The dealer bust frequencies in Appendix A were compared to results obtained from [www.wizardofodds.com](http://www.wizardofodds.com). These audits were consistent with the computations and combinatorial analysis given herein.

Prepared by:

A handwritten signature in blue ink that reads "Eliot Jacobson". The signature is written in a cursive style with a long, sweeping underline.

Eliot Jacobson, Ph.D.  
Jacobson Gaming, LLC

December 9, 2010

## Appendix A

Combinatorial Analysis of the *Dealer Bust 21* Blackjack Side Bet  
(An upcard of '10' denotes Ten, Jack, Queen or King)

### PAY TABLE #1

1 Deck, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.14039	0.01080	10	0.10800
2	0.35634	0.02741	1	0.02741
3	0.37808	0.02908	1	0.02908
4	0.40580	0.03122	1	0.03122
5	0.42996	0.03307	1	0.03307
6	0.43776	0.03367	1	0.03367
7	0.25985	0.01999	2	0.03998
8	0.23863	0.01836	2	0.03671
9	0.23344	0.01796	2	0.03591
10	0.21426	0.06593	4	0.26371
No Bust		0.71252	-1	-0.71252
			<b>EDGE:</b>	<b>-0.07375</b>

1 Deck, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11654	0.00896	10	0.08965
2	0.35297	0.02715	1	0.02715
3	0.37559	0.02889	1	0.02889
4	0.40280	0.03098	1	0.03098
5	0.42891	0.03299	1	0.03299
6	0.42082	0.03237	1	0.03237
7	0.25985	0.01999	2	0.03998
8	0.23863	0.01836	2	0.03671
9	0.23344	0.01796	2	0.03591
10	0.21426	0.06593	4	0.26371
No Bust		0.71641	-1	-0.71641
			<b>EDGE:</b>	<b>-0.09806</b>

2 Decks, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.13963	0.01074	10	0.10740
2	0.35653	0.02743	1	0.02743
3	0.37746	0.02904	1	0.02904
4	0.40133	0.03087	1	0.03087
5	0.42367	0.03259	1	0.03259
6	0.43875	0.03375	1	0.03375
7	0.26114	0.02009	2	0.04018
8	0.24163	0.01859	2	0.03717
9	0.23090	0.01776	2	0.03552
10	0.21319	0.06560	4	0.26239
No Bust		0.71355	-1	-0.71355
			<b>EDGE:</b>	<b>-0.07722</b>

2 Decks, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11587	0.00891	10	0.08913
2	0.35329	0.02718	1	0.02718
3	0.37479	0.02883	1	0.02883
4	0.39854	0.03066	1	0.03066
5	0.42251	0.03250	1	0.03250
6	0.42213	0.03247	1	0.03247
7	0.26114	0.02009	2	0.04018
8	0.24163	0.01859	2	0.03717
9	0.23090	0.01776	2	0.03552
10	0.21319	0.06560	4	0.26239
No Bust		0.71742	-1	-0.71742
			<b>EDGE:</b>	<b>-0.10139</b>

## PAY TABLE #1 (cont'd)

6 Decks, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.13915	0.01070	10	0.10704
2	0.35666	0.02744	1	0.02744
3	0.37696	0.02900	1	0.02900
4	0.39847	0.03065	1	0.03065
5	0.41963	0.03228	1	0.03228
6	0.43926	0.03379	1	0.03379
7	0.26194	0.02015	2	0.04030
8	0.24369	0.01875	2	0.03749
9	0.22924	0.01763	2	0.03527
10	0.21247	0.06538	4	0.26150
No Bust		0.71424	-1	-0.71424
			<b>EDGE:</b>	<b>-0.07949</b>

6 Decks, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11547	0.00888	10	0.08882
2	0.35350	0.02719	1	0.02719
3	0.37419	0.02878	1	0.02878
4	0.39580	0.03045	1	0.03045
5	0.41841	0.03219	1	0.03219
6	0.42284	0.03253	1	0.03253
7	0.26194	0.02015	2	0.04030
8	0.24369	0.01875	2	0.03749
9	0.22924	0.01763	2	0.03527
10	0.21247	0.06538	4	0.26150
No Bust		0.71808	-1	-0.71808
			<b>EDGE:</b>	<b>-0.10356</b>

8 Decks, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.13909	0.01070	10	0.10699
2	0.35668	0.02744	1	0.02744
3	0.37689	0.02899	1	0.02899
4	0.39812	0.03062	1	0.03062
5	0.41914	0.03224	1	0.03224
6	0.43931	0.03379	1	0.03379
7	0.26203	0.02016	2	0.04031
8	0.24395	0.01877	2	0.03753
9	0.22904	0.01762	2	0.03524
10	0.21238	0.06535	4	0.26139
No Bust		0.71433	-1	-0.71433
			<b>EDGE:</b>	<b>-0.07978</b>

8 Decks, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11542	0.00888	10	0.08879
2	0.35353	0.02719	1	0.02719
3	0.37411	0.02878	1	0.02878
4	0.39547	0.03042	1	0.03042
5	0.41790	0.03215	1	0.03215
6	0.42292	0.03253	1	0.03253
7	0.26203	0.02016	2	0.04031
8	0.24395	0.01877	2	0.03753
9	0.22904	0.01762	2	0.03524
10	0.21238	0.06535	4	0.26139
No Bust		0.71816	-1	-0.71816
			<b>EDGE:</b>	<b>-0.10383</b>

## PAY TABLE #2

1 Deck, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.14039	0.01080	15	0.16199
2	0.35634	0.02741	1	0.02741
3	0.37808	0.02908	1	0.02908
4	0.40580	0.03122	1	0.03122
5	0.42996	0.03307	1	0.03307
6	0.43776	0.03367	1	0.03367
7	0.25985	0.01999	2	0.03998
8	0.23863	0.01836	2	0.03671
9	0.23344	0.01796	2	0.03591
10	0.21426	0.06593	4	0.26371
No Bust		0.71252	-1	-0.71252
<b>EDGE:</b>			<b>-0.01975</b>	

1 Deck, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11654	0.00896	15	0.13447
2	0.35297	0.02715	1	0.02715
3	0.37559	0.02889	1	0.02889
4	0.40280	0.03098	1	0.03098
5	0.42891	0.03299	1	0.03299
6	0.42082	0.03237	1	0.03237
7	0.25985	0.01999	2	0.03998
8	0.23863	0.01836	2	0.03671
9	0.23344	0.01796	2	0.03591
10	0.21426	0.06593	4	0.26371
No Bust		0.71641	-1	-0.71641
<b>EDGE:</b>			<b>-0.05324</b>	

2 Decks, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.13963	0.01074	15	0.16111
2	0.35653	0.02743	1	0.02743
3	0.37746	0.02904	1	0.02904
4	0.40133	0.03087	1	0.03087
5	0.42367	0.03259	1	0.03259
6	0.43875	0.03375	1	0.03375
7	0.26114	0.02009	2	0.04018
8	0.24163	0.01859	2	0.03717
9	0.23090	0.01776	2	0.03552
10	0.21319	0.06560	4	0.26239
No Bust		0.71355	-1	-0.71355
<b>EDGE:</b>			<b>-0.02351</b>	

2 Decks, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11587	0.00891	15	0.13370
2	0.35329	0.02718	1	0.02718
3	0.37479	0.02883	1	0.02883
4	0.39854	0.03066	1	0.03066
5	0.42251	0.03250	1	0.03250
6	0.42213	0.03247	1	0.03247
7	0.26114	0.02009	2	0.04018
8	0.24163	0.01859	2	0.03717
9	0.23090	0.01776	2	0.03552
10	0.21319	0.06560	4	0.26239
No Bust		0.71742	-1	-0.71742
<b>EDGE:</b>			<b>-0.05682</b>	

## PAY TABLE #2 (cont'd)

6 Decks, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.13915	0.01070	15	0.16055
2	0.35666	0.02744	1	0.02744
3	0.37696	0.02900	1	0.02900
4	0.39847	0.03065	1	0.03065
5	0.41963	0.03228	1	0.03228
6	0.43926	0.03379	1	0.03379
7	0.26194	0.02015	2	0.04030
8	0.24369	0.01875	2	0.03749
9	0.22924	0.01763	2	0.03527
10	0.21247	0.06538	4	0.26150
No Bust		0.71424	-1	-0.71424
<b>EDGE:</b>			<b>-0.02597</b>	

6 Decks, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11547	0.00888	15	0.13324
2	0.35350	0.02719	1	0.02719
3	0.37419	0.02878	1	0.02878
4	0.39580	0.03045	1	0.03045
5	0.41841	0.03219	1	0.03219
6	0.42284	0.03253	1	0.03253
7	0.26194	0.02015	2	0.04030
8	0.24369	0.01875	2	0.03749
9	0.22924	0.01763	2	0.03527
10	0.21247	0.06538	4	0.26150
No Bust		0.71808	-1	-0.71808
<b>EDGE:</b>			<b>-0.05915</b>	

8 Decks, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.13909	0.01070	15	0.16049
2	0.35668	0.02744	1	0.02744
3	0.37689	0.02899	1	0.02899
4	0.39812	0.03062	1	0.03062
5	0.41914	0.03224	1	0.03224
6	0.43931	0.03379	1	0.03379
7	0.26203	0.02016	2	0.04031
8	0.24395	0.01877	2	0.03753
9	0.22904	0.01762	2	0.03524
10	0.21238	0.06535	4	0.26139
No Bust		0.71433	-1	-0.71433
<b>EDGE:</b>			<b>-0.02628</b>	

8 Decks, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11542	0.00888	15	0.13318
2	0.35353	0.02719	1	0.02719
3	0.37411	0.02878	1	0.02878
4	0.39547	0.03042	1	0.03042
5	0.41790	0.03215	1	0.03215
6	0.42292	0.03253	1	0.03253
7	0.26203	0.02016	2	0.04031
8	0.24395	0.01877	2	0.03753
9	0.22904	0.01762	2	0.03524
10	0.21238	0.06535	4	0.26139
No Bust		0.71816	-1	-0.71816
<b>EDGE:</b>			<b>-0.05944</b>	

### PAY TABLE #3

1 Deck, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.14039	0.01080	2	0.02160
2	0.35634	0.02741	2	0.05482
3	0.37808	0.02908	2	0.05817
4	0.40580	0.03122	2	0.06243
5	0.42996	0.03307	2	0.06615
6	0.43776	0.03367	2	0.06735
7	0.25985	0.01999	2	0.03998
8	0.23863	0.01836	2	0.03671
9	0.23344	0.01796	2	0.03591
10	0.21426	0.06593	2	0.13185
No Bust		0.71252	-1	-0.71252
<b>EDGE:</b>			<b>-0.13755</b>	

1 Deck, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11654	0.00896	2	0.01793
2	0.35297	0.02715	2	0.05430
3	0.37559	0.02889	2	0.05778
4	0.40280	0.03098	2	0.06197
5	0.42891	0.03299	2	0.06599
6	0.42082	0.03237	2	0.06474
7	0.25985	0.01999	2	0.03998
8	0.23863	0.01836	2	0.03671
9	0.23344	0.01796	2	0.03591
10	0.21426	0.06593	2	0.13185
No Bust		0.71641	-1	-0.71641
<b>EDGE:</b>			<b>-0.14924</b>	

2 Decks, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.13963	0.01074	2	0.02148
2	0.35653	0.02743	2	0.05485
3	0.37746	0.02904	2	0.05807
4	0.40133	0.03087	2	0.06174
5	0.42367	0.03259	2	0.06518
6	0.43875	0.03375	2	0.06750
7	0.26114	0.02009	2	0.04018
8	0.24163	0.01859	2	0.03717
9	0.23090	0.01776	2	0.03552
10	0.21319	0.06560	2	0.13119
No Bust		0.71355	-1	-0.71355
<b>EDGE:</b>			<b>-0.14066</b>	

2 Decks, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11587	0.00891	2	0.01783
2	0.35329	0.02718	2	0.05435
3	0.37479	0.02883	2	0.05766
4	0.39854	0.03066	2	0.06131
5	0.42251	0.03250	2	0.06500
6	0.42213	0.03247	2	0.06494
7	0.26114	0.02009	2	0.04018
8	0.24163	0.01859	2	0.03717
9	0.23090	0.01776	2	0.03552
10	0.21319	0.06560	2	0.13119
No Bust		0.71742	-1	-0.71742
<b>EDGE:</b>			<b>-0.15225</b>	



### PAY TABLE #3 (cont'd)

6 Decks, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.13915	0.01070	2	0.02141
2	0.35666	0.02744	2	0.05487
3	0.37696	0.02900	2	0.05799
4	0.39847	0.03065	2	0.06130
5	0.41963	0.03228	2	0.06456
6	0.43926	0.03379	2	0.06758
7	0.26194	0.02015	2	0.04030
8	0.24369	0.01875	2	0.03749
9	0.22924	0.01763	2	0.03527
10	0.21247	0.06538	2	0.13075
No Bust		0.71424	-1	-0.71424
<b>EDGE:</b>			<b>-0.14272</b>	

6 Decks, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11547	0.00888	2	0.01776
2	0.35350	0.02719	2	0.05438
3	0.37419	0.02878	2	0.05757
4	0.39580	0.03045	2	0.06089
5	0.41841	0.03219	2	0.06437
6	0.42284	0.03253	2	0.06505
7	0.26194	0.02015	2	0.04030
8	0.24369	0.01875	2	0.03749
9	0.22924	0.01763	2	0.03527
10	0.21247	0.06538	2	0.13075
No Bust		0.71808	-1	-0.71808
<b>EDGE:</b>			<b>-0.15424</b>	

8 Decks, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.13909	0.01070	2	0.02140
2	0.35668	0.02744	2	0.05487
3	0.37689	0.02899	2	0.05798
4	0.39812	0.03062	2	0.06125
5	0.41914	0.03224	2	0.06448
6	0.43931	0.03379	2	0.06759
7	0.26203	0.02016	2	0.04031
8	0.24395	0.01877	2	0.03753
9	0.22904	0.01762	2	0.03524
10	0.21238	0.06535	2	0.13070
No Bust		0.71433	-1	-0.71433
<b>EDGE:</b>			<b>-0.14298</b>	

8 Decks, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11542	0.00888	2	0.01776
2	0.35353	0.02719	2	0.05439
3	0.37411	0.02878	2	0.05756
4	0.39547	0.03042	2	0.06084
5	0.41790	0.03215	2	0.06429
6	0.42292	0.03253	2	0.06506
7	0.26203	0.02016	2	0.04031
8	0.24395	0.01877	2	0.03753
9	0.22904	0.01762	2	0.03524
10	0.21238	0.06535	2	0.13070
No Bust		0.71816	-1	-0.71816
<b>EDGE:</b>			<b>-0.15448</b>	

## PAY TABLE #4

1 Deck, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.14039	0.01080	4	0.04320
2	0.35634	0.02741	1	0.02741
3	0.37808	0.02908	1	0.02908
4	0.40580	0.03122	1	0.03122
5	0.42996	0.03307	1	0.03307
6	0.43776	0.03367	1	0.03367
7	0.25985	0.01999	4	0.07995
8	0.23863	0.01836	4	0.07342
9	0.23344	0.01796	4	0.07183
10	0.21426	0.06593	4	0.26371
No Bust		0.71252	-1	-0.71252
<b>EDGE:</b>			<b>-0.02594</b>	

1 Deck, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11654	0.00896	4	0.03586
2	0.35297	0.02715	1	0.02715
3	0.37559	0.02889	1	0.02889
4	0.40280	0.03098	1	0.03098
5	0.42891	0.03299	1	0.03299
6	0.42082	0.03237	1	0.03237
7	0.25985	0.01999	4	0.07995
8	0.23863	0.01836	4	0.07342
9	0.23344	0.01796	4	0.07183
10	0.21426	0.06593	4	0.26371
No Bust		0.71641	-1	-0.71641
<b>EDGE:</b>			<b>-0.03925</b>	

2 Decks, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.13963	0.01074	4	0.04296
2	0.35653	0.02743	1	0.02743
3	0.37746	0.02904	1	0.02904
4	0.40133	0.03087	1	0.03087
5	0.42367	0.03259	1	0.03259
6	0.43875	0.03375	1	0.03375
7	0.26114	0.02009	4	0.08035
8	0.24163	0.01859	4	0.07435
9	0.23090	0.01776	4	0.07105
10	0.21319	0.06560	4	0.26239
No Bust		0.71355	-1	-0.71355
<b>EDGE:</b>			<b>-0.02879</b>	

2 Decks, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11587	0.00891	4	0.03565
2	0.35329	0.02718	1	0.02718
3	0.37479	0.02883	1	0.02883
4	0.39854	0.03066	1	0.03066
5	0.42251	0.03250	1	0.03250
6	0.42213	0.03247	1	0.03247
7	0.26114	0.02009	4	0.08035
8	0.24163	0.01859	4	0.07435
9	0.23090	0.01776	4	0.07105
10	0.21319	0.06560	4	0.26239
No Bust		0.71742	-1	-0.71742
<b>EDGE:</b>			<b>-0.04199</b>	

## PAY TABLE #4 (cont'd)

6 Decks, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.13915	0.01070	4	0.04281
2	0.35666	0.02744	1	0.02744
3	0.37696	0.02900	1	0.02900
4	0.39847	0.03065	1	0.03065
5	0.41963	0.03228	1	0.03228
6	0.43926	0.03379	1	0.03379
7	0.26194	0.02015	4	0.08060
8	0.24369	0.01875	4	0.07498
9	0.22924	0.01763	4	0.07054
10	0.21247	0.06538	4	0.26150
No Bust		0.71424	-1	-0.71424
			<b>EDGE:</b>	<b>-0.03066</b>

6 Decks, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11547	0.00888	4	0.03553
2	0.35350	0.02719	1	0.02719
3	0.37419	0.02878	1	0.02878
4	0.39580	0.03045	1	0.03045
5	0.41841	0.03219	1	0.03219
6	0.42284	0.03253	1	0.03253
7	0.26194	0.02015	4	0.08060
8	0.24369	0.01875	4	0.07498
9	0.22924	0.01763	4	0.07054
10	0.21247	0.06538	4	0.26150
No Bust		0.71808	-1	-0.71808
			<b>EDGE:</b>	<b>-0.04380</b>

8 Decks, Hit Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.13909	0.01070	4	0.04280
2	0.35668	0.02744	1	0.02744
3	0.37689	0.02899	1	0.02899
4	0.39812	0.03062	1	0.03062
5	0.41914	0.03224	1	0.03224
6	0.43931	0.03379	1	0.03379
7	0.26203	0.02016	4	0.08062
8	0.24395	0.01877	4	0.07506
9	0.22904	0.01762	4	0.07047
10	0.21238	0.06535	4	0.26139
No Bust		0.71433	-1	-0.71433
			<b>EDGE:</b>	<b>-0.03089</b>

8 Decks, Stand Soft 17				
Upcard	Bust	p	EV	p*EV
A	0.11542	0.00888	4	0.03552
2	0.35353	0.02719	1	0.02719
3	0.37411	0.02878	1	0.02878
4	0.39547	0.03042	1	0.03042
5	0.41790	0.03215	1	0.03215
6	0.42292	0.03253	1	0.03253
7	0.26203	0.02016	4	0.08062
8	0.24395	0.01877	4	0.07506
9	0.22904	0.01762	4	0.07047
10	0.21238	0.06535	4	0.26139
No Bust		0.71816	-1	-0.71816
			<b>EDGE:</b>	<b>-0.04402</b>