

Casino Advantage Against a Basic Strategy Blackjack Player by Number of Decks

Decks	1	2	3	4	5	6	7	8
Strip Rules <sup>2</sup>	-0.01%	0.32%	0.43%	0.49%	0.52%	0.54%	0.56%	0.57%
Add applicable rule variations <sup>3</sup>								
No Double on 11	0.78%	0.70%	0.67%	0.65%	0.64%	0.64%	0.63%	0.63%
No Double on 10	0.52%	0.49%	0.48%	0.47%	0.46%	0.46%	0.46%	0.46%
No Double on 9	0.12%	0.09%	0.08%	0.08%	0.08%	0.08%	0.07%	0.07%
No Double on 8	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
No Soft Doubling	0.13%	0.11%	0.10%	0.09%	0.09%	0.09%	0.09%	0.09%
Double on 11 only	0.78%	0.70%	0.67%	0.65%	0.64%	0.64%	0.63%	0.63%
Double on 10, 11 only	0.26%	0.21%	0.19%	0.18%	0.18%	0.18%	0.17%	0.17%
Double on 9, 10, 11 only	0.14%	0.12%	0.11%	0.10%	0.10%	0.10%	0.10%	0.10%
Double on 8, 9, 10, 11 only	0.13%	0.11%	0.10%	0.09%	0.09%	0.09%	0.09%	0.09%
Dealer hits soft 17	0.19%	0.21%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%
BJ pays 1:1	2.32%	2.29%	2.28%	2.27%	2.27%	2.27%	2.26%	2.26%
BJ pays 6:5	1.39%	1.37%	1.37%	1.36%	1.36%	1.36%	1.36%	1.36%
No Hole Card <sup>4</sup>	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%
Double on any number of cards	-0.24%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.22%	-0.22%
Resplit Aces	-0.03%	-0.05%	-0.06%	-0.07%	-0.07%	-0.07%	-0.08%	-0.08%
Double after splitting	-0.12%	-0.13%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%
Double after splitting 11 Only	-0.06%	-0.07%	-0.07%	-0.07%	-0.07%	-0.07%	-0.07%	-0.07%
Double after splitting 10, 11 Only	-0.11%	-0.12%	-0.12%	-0.12%	-0.12%	-0.12%	-0.12%	-0.12%
Early Surrender	-0.62%	-0.63%	-0.63%	-0.63%	-0.63%	-0.63%	-0.63%	-0.63%
Early Surrender (dealer hits s/17)	-0.70%	-0.71%	-0.72%	-0.72%	-0.72%	-0.72%	-0.72%	-0.72%
Late Surrender	-0.02%	-0.05%	-0.06%	-0.07%	-0.07%	-0.07%	-0.07%	-0.07%
Late Surrender (dealer hits s/17)	-0.04%	-0.07%	-0.09%	-0.09%	-0.09%	-0.09%	-0.10%	-0.10%
6 Card Auto Winner	-0.04%	-0.11%	-0.13%	-0.15%	-0.15%	-0.16%	-0.16%	-0.16%
BJ pays 2 to 1	-2.32%	-2.29%	-2.28%	-2.28%	-2.27%	-2.27%	-2.27%	-2.27%
Dealer BJ ties w/player built 21	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%

<sup>1</sup> The above table was calculated using Stanford Wong's BJEdge available from Pi Yee Press, La Jolla, CA.

<sup>2</sup> Strip rules assumes: house stands on soft 17, no double after splitting, player may double on any two cards, any pair can be split to 4 times (except Aces), split Aces receive only one card, and no surrender.

<sup>3</sup> Sum up variations and add to "Strip Rules" to determine casino advantage (negative sum means casino disadvantage).

<sup>4</sup> European version: Player loses all doubles and splits to dealer BJ.