

Experimental Results

eOGame

For this experiment I will test newly generated EOBoards with the function based on random seeds. Boards will be used three times for increased accuracy.

Function Call: eOGame (eODeal 10)

Details: Same result on each call of function

Printout:

EOGameBoard:

```
( [(Three,Diamonds)], [(Ten,Hearts),(King,Clubs),(Eight,Clubs),(Nine,Hearts),
(Nine,Spades),(Jack,Hearts)], [(Two,Hearts),(Three,Hearts),(King,Diamonds),
(Ace,Clubs),(Nine,Diamonds),(Six,Spades),(Five,Clubs)], [(Seven,Diamonds),
(Eight,Diamonds),(Four,Hearts),(Jack,Clubs),(Ace,Hearts),(Seven,Spades),
(Ace,Spades)], [(Six,Clubs),(Ten,Clubs)], [(Six,Hearts),(Seven,Hearts),
(Eight,Hearts),(Two,Spades),(Three,Clubs),(King,Spades),(Five,Spades),
(Four,Spades)], [(Nine,Clubs)], [(Five,Diamonds),(Six,Diamonds),(Seven,Clubs)],
[(Ten,Diamonds),(Jack,Diamonds),(Jack,Spades),(King,Hearts),(Eight,Spades),
(Five,Hearts),(Four,Diamonds)], [(Three,Spades),(Queen,Diamonds),(Ten,Spades),
(Two,Clubs),(Four,Clubs),(Queen,Hearts),(Queen,Clubs),(Queen,Spades)] )
```

Score: 17

Win: False

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Similar results for range of random seeds.

eOExpt

For this experiment I will test a range of random integer seeds which will play a game 100 times. All 100 results will be shown. I will test these three times for increased accuracy.

Function Call: eOExpt 30

Details: Same result on each call of function.

Average score: 16

Printout (same on each attempt):

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Matthew Sykes

n,Diamonds),(Six,Clubs),(Eight,Diamonds),(Two,Diamonds),(Ten,Hearts)],[(King,Hearts),(Four,Hearts),(Ace,Diamonds),(Two,Hearts)]],[(Four,Spades),(Queen,Spades),(Three,Diamonds),(Six,Hearts),(Ten,Diamonds),(Three,Hearts),(Seven,Diamonds),(Three,Spades)],16),([(Two,Clubs),(Ace,Hearts)],[(Nine,Spades),(Ten,Spades),(Eight,Hearts),(Jack,Spades),(King,Diamonds),(Four,Diamonds)],[(Five,Diamonds),(Three,Clubs),(Five,Clubs),(Five,Hearts),(Two,Spades)],[(King,Clubs),(Jack,Diamonds),(Six,Spades),(Nine,Diamonds),(Five,Spades)],[(Seven,Clubs),(Eight,Clubs),(Nine,Hearts),(Seven,Hearts),(Six,Diamonds),(King,Spades)],[(Nine,Clubs),(Ten,Clubs),(Jack,Clubs)],[(Jack,Hearts),(Queen,Hearts),(Four,Clubs),(Queen,Clubs),(Ace,Spades)],[(Seven,Spades),(Eight,Spades),(Queen,Diamonds),(Six,Clubs),(Eight,Diamonds),(Two,Diamonds),(Ten,Hearts)],[(King,Hearts),(Four,Hearts),(Ace,Diamonds),(Two,Hearts)]],[(Four,Spades),(Queen,Spades),(Three,Diamonds),(Six,Hearts),(Ten,Diamonds),(Three,Hearts),(Seven,Diamonds),(Three,Spades)],16),([(Two,Clubs),(Ace,Hearts)],[(Nine,Spades),(Ten,Spades),(Eight,Hearts),(Jack,Spades),(King,Diamonds),(Four,Diamonds)],[(Five,Diamonds),(Three,Clubs),(Five,Clubs),(Five,Hearts),(Two,Spades)],[(King,Clubs),(Jack,Diamonds),(Six,Spades),(Nine,Diamonds),(Five,Spades)],[(Seven,Clubs),(Eight,Clubs),(Nine,Hearts),(Seven,Hearts),(Six,Diamonds),(King,Spades)],[(Nine,Clubs),(Ten,Clubs),(Jack,Clubs)],[(Jack,Hearts),(Queen,Hearts),(Four,Clubs),(Queen,Clubs),(Ace,Spades)],[(Seven,Spades),(Eight,Spades),(Queen,Diamonds),(Six,Clubs),(Eight,Diamonds),(Two,Diamonds),(Ten,Hearts)],[(King,Hearts),(Four,Hearts),(Ace,Diamonds),(Two,Hearts)]],[(Four,Spades),(Queen,Spades),(Three,Diamonds),(Six,Hearts),(Ten,Diamonds),(Three,Hearts),(Seven,Diamonds),(Three,Spades)],16)]