

LA S'CHINTEIA



Talossa's Magazine of Everything

It's easy to make a magazine grand

Even when the news is quite bland

Just a simerick or two

My, what they can do

To provide what the readers demand

Volume XI

May 2020

Ian Plätschisch, Editor in Chief

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News in Limericks

Ian Plätschisch

Government to Open COVID-19 Benevolent Fund

This virus is clearly no joke
And while we might just be regular blokes
It's all for one, hence
We'll chip in some bence
So hopefully no one goes broke.

Non-Hereditary Monarchy Amendment Clarked

King John is more than O.K.
And we hope he's here to stay.
But how do we know
That his children would show?
A chosen Monarch our fears will allay.

Sir Alexandru Davinescu Nominated to Uppermost Cort

Lest we let cases get mired
Because our Senior Justice retired,
Sir AD was brought in
The Senate now examines
And he'll sit on the bench if desired.

Happy *Star Wars* Day!

Ian Plätschisch

It's May the Fourth (get it?) so here is some Star Wars trivia for your enjoyment. Send your answers to Ian Plätschisch on Wittenberg or via email; the highest scorer will get a shout-out in the next volume.

Planets

1. What planet, Luke's home, is known for its binary sunset?
2. On what planet does Yoda lift an X-wing out of a swamp?
3. Which planet of the prequel trilogy is covered by one huge city?
4. What is Rey's home planet?
5. To what planet do the Sith Way-finders lead?

Actors

1. Who played Lando Calrissian in the main saga, and who played him in *Solo*?
2. Who played Qui-Gon Jinn in *The Phantom Menace*?
3. Whose face appeared in *Rogue One* via CGI and archival footage, and in what role?
4. Who is the Irish actor that played Jabba the Hutt on the set of *A New Hope*?

Famous Lines

1. *A New Hope*: "Of course I know him..." – Obi-Wan Kenobi
2. *Revenge of the Sith*: "You are on this council, but..." – Mace Windu
3. *Attack of the Clones*: "Impossible. Perhaps..." – Obi-Wan Kenobi
4. Who does Anakin kill after Palpatine instructs him to "do it?" in *Revenge of the Sith*?
5. How does Han Solo respond in *The Empire Strikes Back* after Princess Leia tells him she loves him?

Directors

1. Who directed *A New Hope*?
2. Who directed *The Last Jedi*?
3. Who directed *The Mandalorian*?

Miscellaneous

1. What color is Kylo Ren's lightsaber?
2. How does Jabba the Hutt die in *Return of the Jedi*, and who kills him?
3. Which droid, featured in *The Rise of Skywalker*, was once owned by Ochi?
4. Darth Maul appears in *The Phantom Menace* and which other *Star Wars* film?
5. Who is Luke Skywalker's aunt in *A New Hope*?
6. What is the name of the parody of The Force in the movie *Spaceballs*?
7. By release date, where in the *Star Wars* franchise does Boba Fett appear first?

Bayesian Poker Analysis - Part 3

Ian Plättschisch

Sometimes it is interesting to take a theory as far as it will go, even if the end result is not very useful. At the “thrilling” conclusion of this Bayesian Poker trilogy, this is where we find ourselves.

Recall from the previous part (which can be found in the March 2020 Volume) the model spent the previous two articles developing:

$$P(A|B) = \frac{P(A)P(B|A)}{P(A)P(B|A) + P(A^c)P(B|A^c)}$$

Where event A is that your opponent has a weaker hand than you, and event B is that your opponent makes a bet. $P(A|B)$ is thus the probability that calling your opponent would be profitable for you and $P(B|A)$ is a measure of your opponent’s propensity for bluffing (they chance they would bet given their hand is weaker than yours).

In the first betting round (before the flop), this model can be used without modification. However, suppose you are now in the second betting round and your opponent makes a bet. If they also bet in the previous round, we have additional information. Letting B_1 be the event that your opponent bet in the first round and B_2 be the event that your opponent bet in the second round, we have:

$$P(A|(B_1 \cap B_2)) = \frac{P(A)P((B_1 \cap B_2)|A)}{P(A)P((B_1 \cap B_2)|A) + P(A^c)P((B_1 \cap B_2)|A^c)}$$

$P(A|(B_1 \cap B_2))$ is the probability that your opponent has a weaker hand than you given that they bet in both the first and second round. The same analysis can be applied to the third and fourth betting rounds.

It is easy to see that $P((B_1 \cap B_2)|A)$ is less than $P(B|A)$, given that the opponent would need to bet twice rather than just once. However, I do not know how much less, so I am not sure of effect of this change on $P(A|(B_1 \cap B_2))$, except to say it is probably lower than $P(A|B)$ because, intuitively, players would feel less comfortable betting twice with a weak hand than betting once, so the chance of someone having a weak hand given they have bet twice is lower. There is also the complication that your opponent’s hand may get stronger as more community cards are dealt, so just because they were bluffing before does not mean they are bluffing now.

I therefore do not really recommend applying this analysis beyond a single round. It should also be noted that B should only be taken to represent raises by the opponent, because raises are the only play designed to get other players out of the hand (and the entire point of a bluff is to get players with stronger hands to fold). Calls by the opponent are not bluffs because they only allow the opponent to stay in.

End Matter

La S'chinteia is always hiring! If you want to write it, La S'chinteia wants to publish it. Get in touch with Ian Plätschisch if you would like to become a contributor (no set schedule, publish as many or as few times as you want) or staff writer. No experience required.

If you...

- Have feedback on one of our articles or an idea for an article
- Want to join our email list to get early access to new volumes
- Would like to get in touch with La S'chinteia for some other reason

Send Ian Plätschisch a message on Wittenberg or post in the Wittenberg thread corresponding to this volume.

Thanks for reading!