

# Lessons - A Way to Think - Learning about the Infinite Not

Author: Jonathan Pearson

Version: 0

Date Started: 29/6/2025

Date First Version: 03/07/2025

Date Updated: 03/07/2025

Website: <https://humanistman.com/> Humanistman

Creative Commons: Attribution 4.0 International (CC BY 4.0)

## Contents

Previous Lessons .....	1
Introduction .....	1
Definite Bad, Definite Good .....	2
Definite Black, Definite White, In-between Grey .....	2
The Double Not .....	2
Definite Like, Definite Not Like .....	4
Definite Apple, Definite Not Apple, Infinite Not Apple, Infinite Not Not Apple .....	5
Everything has an Infinite Not, Everything has a Definite Not .....	6
The Model Works for Every Thing .....	8
Extension - Plurality .....	8
References .....	9

## Previous Lessons

**Lessons – A Way to Think – The Null Case** <https://humanistman.com/wp-content/uploads/2025/05/Lessons-A-Way-to-Think-The-Null-Case.pdf>

**Lessons – A Way to Think – The Thing Asserted and Definite Not** <https://humanistman.com/wp-content/uploads/2025/06/Lessons-A-Way-to-Think-The-Thing-Asserted-and-Definite-Not.pdf>

## Introduction

We will learn more about the **infinite Not** and why **people have trouble understanding it**. We will do this by working through some exercises and explanations of some common ideas.

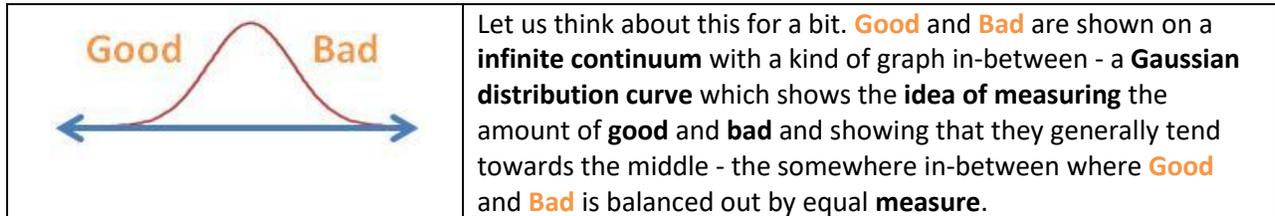
1. Definite Bad, Definite Good
2. Definite Black, Definite White, In-between Grey
3. The Double Not
4. Definite Like, Definite Not Like

## Lessons - A Way to Think - Learning about the Infinite Not

5. Definite Apple, Definite Not Apple, Infinite Not Apple, Infinite Not Not Apple

### Definite Bad, Definite Good

Most people think that **Bad** and **Good** is a strongly connected **binary pair** of ideas. A Thing is either **Good** or **Bad** or something in the middle of these two binary extremes. This is so strong it is adopted without thinking and is habitually used. These things constantly **compared** to each other.



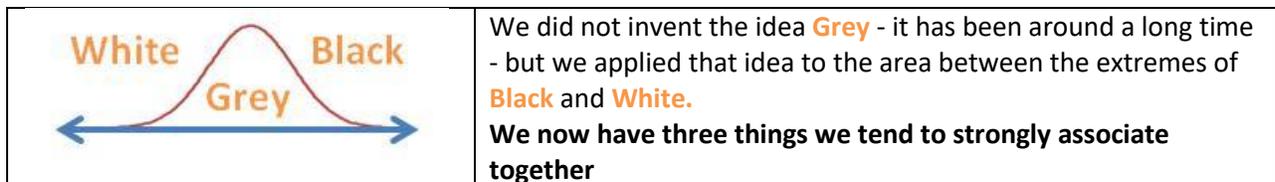
This sometimes called the **normal distribution** curve or the “Bell Curve” because it is shaped like a Bell and the middle is usually called the **average** - as in the expression that many people habitually use - on average most things balance out. Also see the **central limit theorem**

[https://en.wikipedia.org/wiki/Central\\_limit\\_theorem](https://en.wikipedia.org/wiki/Central_limit_theorem)

This idea of the balanced middle is sometimes called the **Golden mean philosophy** or the **Doctrine of the Mean** [https://en.wikipedia.org/wiki/Doctrine\\_of\\_the\\_Mean](https://en.wikipedia.org/wiki/Doctrine_of_the_Mean) and many belief systems have similar ideas about this **something in the middle of two things** idea.

### Definite Black, Definite White, In-between Grey

Next we use **Black** and **White** to explore the idea that the thing in the middle get's its own name - instead of being called **average** we call the thing **Grey** - a mix of **Black** and **White**.



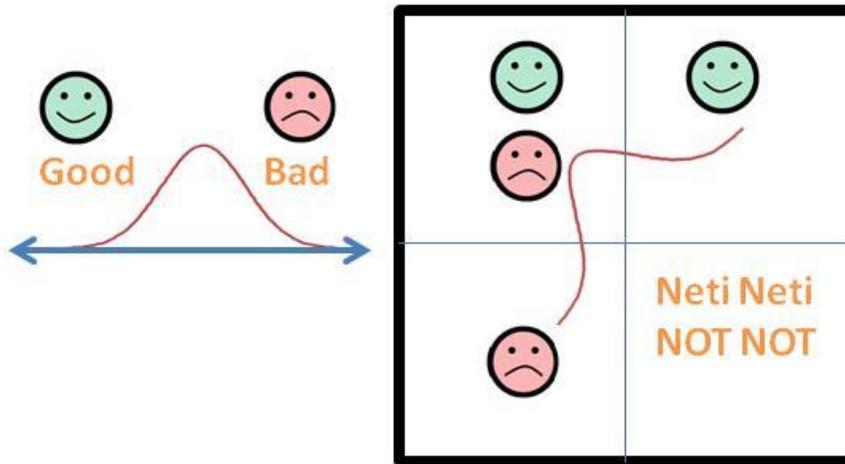
### The Double Not

**Most people stay stuck** in the above logical framework - a binary frame of two extremes and a third thing in-between which tends to be the “average” idea. This is simple and easy to understand without doing too much work. Most people tend to easy, quick and lazy things - **Fat, Dumb** and **Lazy** - because using the brain takes a large amount of energy - especially over long periods. Many societies tried to educate people over thousands of years to overcome this fixed binary thinking to find the **Double Not**.

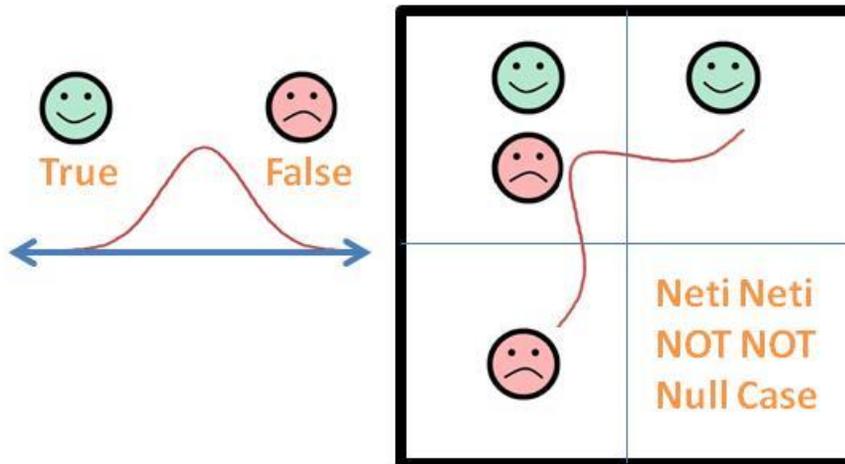
**Ronald Almer Fisher** [https://en.wikipedia.org/wiki/Ronald\\_Fisher](https://en.wikipedia.org/wiki/Ronald_Fisher) (17 February 1890 – 29 July 1962) helped explore this by using a 4 box model where combinations of things can be represented. This way of organizing information shows things we may have missed - usually - the **Double Not**. This is important

## Lessons - A Way to Think - Learning about the Infinite Not

in things like science, maths and medicine where the **two things asserted** e.g. Good and Bad and even a **mix or average** of the two things - is a dangerous idea - because it could be **something else, entirely**. That **something else** is the double not - **Not Good and Not Bad**.

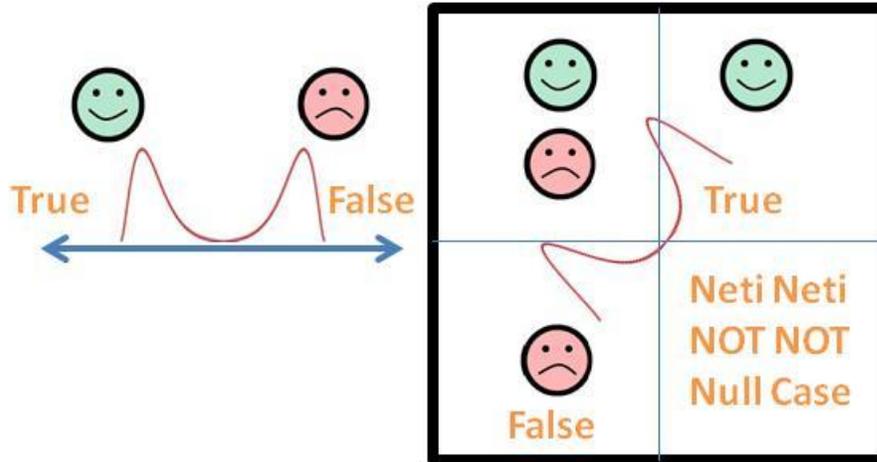


This is also sometimes called the **Null case**. A thing is neither **True** nor **False** - another **strong habitual binary pair** - the Boolean logic. [https://en.wikipedia.org/wiki/George\\_Boole](https://en.wikipedia.org/wiki/George_Boole) George Boole (2 November 1815 – 8 December 1864)



This is also related to the **Law of Not Contradiction** [https://en.wikipedia.org/wiki/Law\\_of\\_noncontradiction](https://en.wikipedia.org/wiki/Law_of_noncontradiction) or **P** and **Not P** in **logic** terms - a thing cannot be both **True** and **False** at the Same time. **I assert it** to be still a curve but not Gaussian - instead it looks like two **Benford** curves joined. [https://en.wikipedia.org/wiki/Benford%27s\\_law](https://en.wikipedia.org/wiki/Benford%27s_law) . **My view** on this is **different to many binary thinkers** who stay stuck in Binary certainty rather than allowing the infinities to be seen.

## Lessons - A Way to Think - Learning about the Infinite Not



The reason for the Curve is because nothing is **extremely exactly True** or **extremely exactly False** even though in **Boolean logic** and computers **everything is reduced** to binary operations and choices.

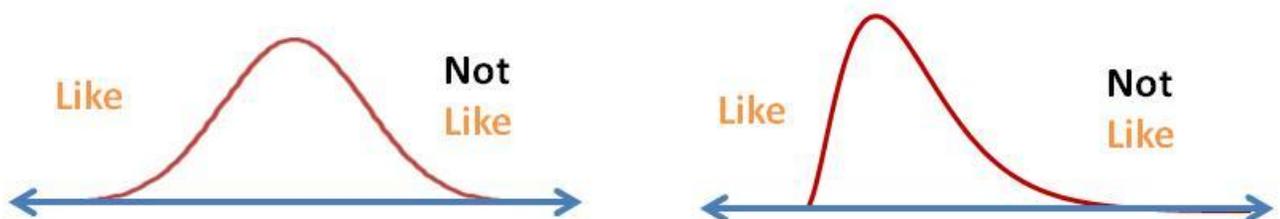
The Universe is not like that.

There might be a **little bit** of **True** mixed with a **little bit** of **False AS WELL** as the idea of the **double not/null case**- something else altogether. This has implications for number theory, logic, the **Zermelo–Fraenkel set theory** [https://en.wikipedia.org/wiki/Zermelo%E2%80%93Fraenkel\\_set\\_theory](https://en.wikipedia.org/wiki/Zermelo%E2%80%93Fraenkel_set_theory) and the **Axiom of Choice** [https://en.wikipedia.org/wiki/Axiom\\_of\\_choice](https://en.wikipedia.org/wiki/Axiom_of_choice)

### Definite Like, Definite Not Like

**Like** is the word I use for the concept of **Similar** and **Dissimilar** as in **Alike** and **Not Alike**. Things are Similar or Not Similar. We are moving from **comparison** of two different things to the **definition of things**. Now I am showing the emergence of the **Infinite Not**.

Here we see the **Not** emerge to balance against the declared thing as in P, not P. Here we have **Like** and **Not Like**. The change here is that we are focusing on things that are alike. We concentrate on things that make things similar so we tend to do more work on that definition - hence the curve pushes towards **Like** - very much like a **Benford curve** in the **True False** example above.

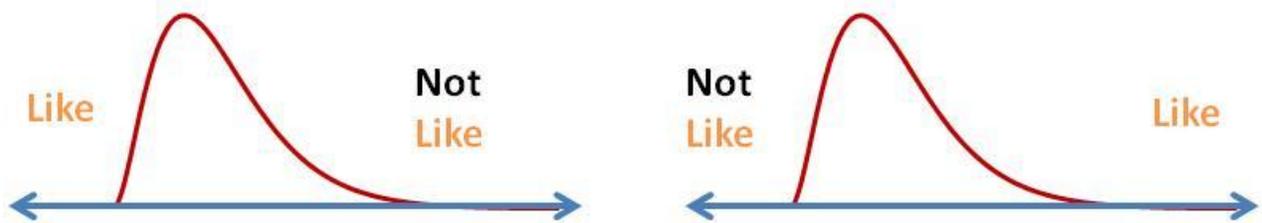


The Not Like is an infinite not.

## Lessons - A Way to Think - Learning about the Infinite Not

There are infinitely many things that we could describe and measure to explain why things are not like each other but we tend to **concentrate on a few main definitions and measures** which help us determine if things are like each other. For example with FOOD we pick out the few main features of make things FOOD for us and do not kill us.

But also to there is the emergence of the **Not Like** as a defined thing with **a few main definitions and measures** which make it easier for us to pick what is **Not Like**. A tree is Not like a Rock because Tree is alive.



## Definite Apple, Definite Not Apple, Infinite Not Apple, Infinite Not Not Apple

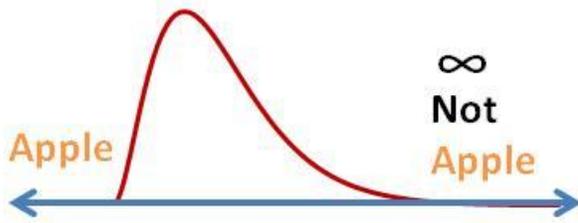
Humans express concepts and ideas with words. I asked someone what the opposite of Good and he immediately said Bad. I then asked Black, 'White' and Then I asked what is the opposite of Apple - His answer was **'There is no opposite of Apple'**

This is the standard response from binary thinkers. They do not have a comprehensive or coherent framework. The **idea of Not** is - to them - not universal. This is why **understanding the infinite not** - as well as Fisher's 4 Box model - will allow you to think at level 3 - which is beyond most people who are binary - considering that Fisher had trouble teaching university students about the Null case. Even scientists now have trouble with this.

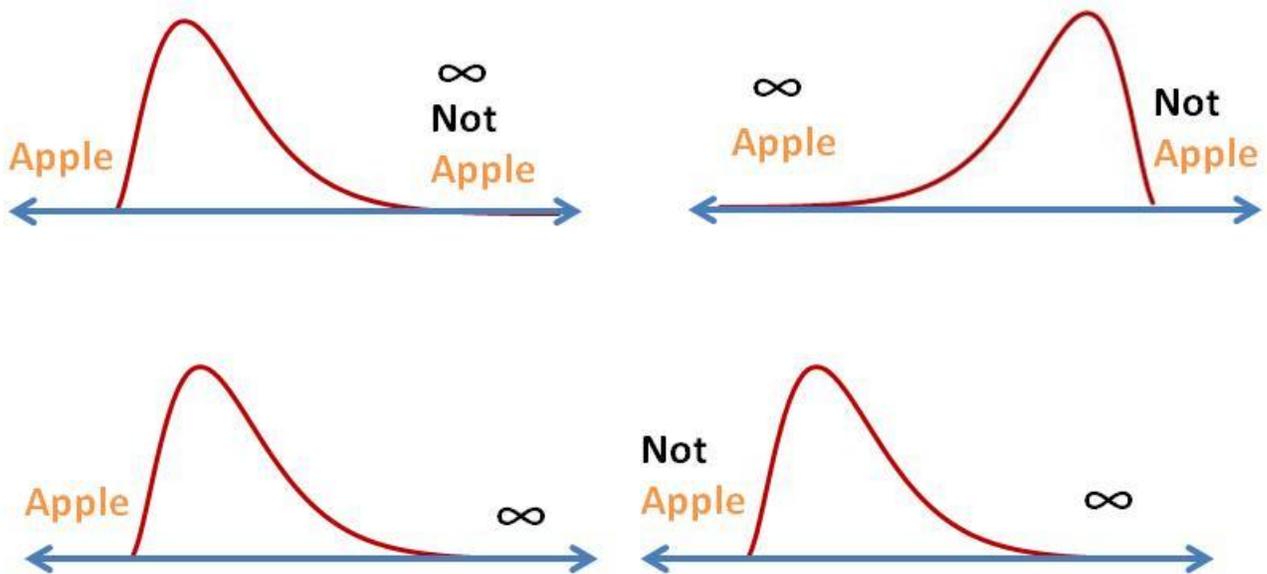
So why is the opposite of **Apple** not simply **Not apple**? (answer - no reason)

We also know that there is an infinity of things and measurements which have nothing to do with defining and measuring an apple. So the **Not Apple** becomes the **Infinite Not Apple**. We are not going to spend an infinite amount of time and energy describing and measuring things that are **Not Apple**. We are going to spend time and energy describing and measuring the things that are the asserted **Apple**.

## Lessons - A Way to Think - Learning about the Infinite Not



So when talking about **Apple** we have the **definite Apple** and the **definite Not Apple** - so even in a binary sense when we talk about one thing we have 2 continuums of **definition** and **measurement** with some **asserted** ideas and infinities of things we may have missed or overlooked - things that are "Not Yet Dreamt of in our Philosophy".



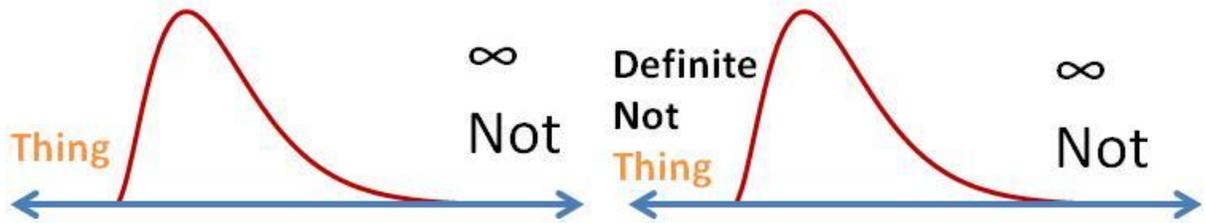
### Everything has an Infinite Not, Everything has a Definite Not

If we think of any thing we know it has definition and measurement but this can vary in amount and detail. So we call this the **Thing Declared** - the **Thing Asserted** - the **Definite Is**. Then we have an infinity of things left over in the universe - which we call the **Infinite Not**.

But we also have another thing which is the **Definite Not** of the **Thing Declared**, the **Thing Asserted**, the **Definite Is** and we call that the **Is Not** or the **Definite not**.

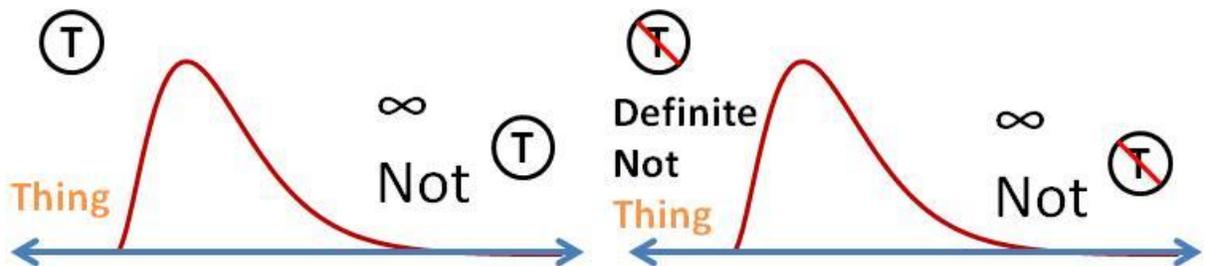
Most people **overlook this** and **ignore the infinities**.

# Lessons - A Way to Think - Learning about the Infinite Not

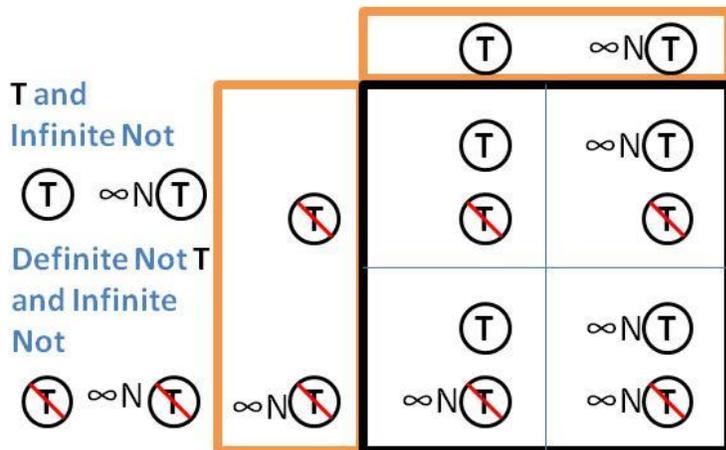


Note that the **Definite Not** of a **Thing** becomes a “**Thing**” on its **own continuum**.

In a binary sense - ignoring the continuums we can represent this in Fishers 4 Box Model where we can see the **double not** as well.



When we look at the combinations of these 4 binary things - many people only look at the pairs of combinations (numbers 6 to 11) which are six combinations because that is **how the 4 Box Model presents them** (notice the boxes at the top and the left with orange borders) but in reality there are 16 possible combinations when we **consider all 4 things at the same time**. The reason we consider all 4 things at the same time is because they are all simultaneously possible based on our **definitions** and **measurements** - we have to assign our measurements and definitions to at least one of the 4 combinations. Some combinations are incoherent and a sign that something is wrong.

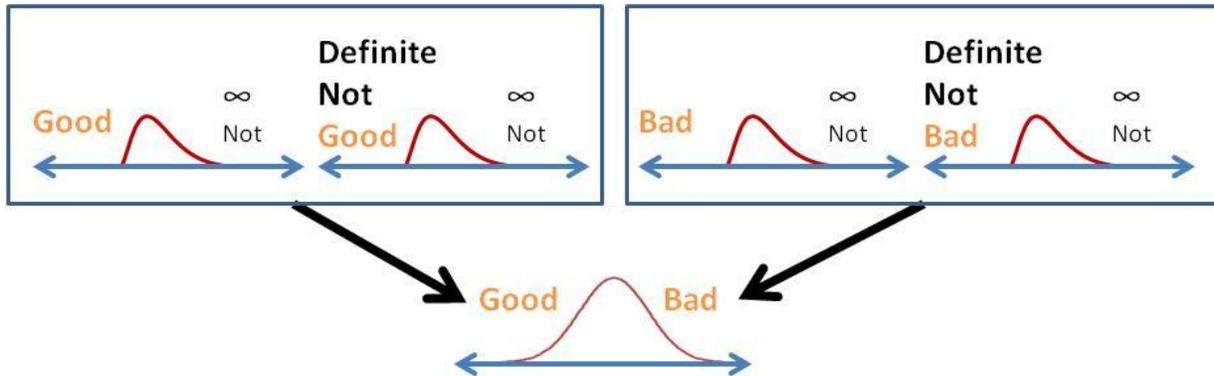


n	Thing	∞Not Thing	DN Thing	∞DN Thing
1				
2	Y			
3		Y		
4			Y	
5				Y
6	Y	Y		
7	Y		Y	
8	Y			Y
9		Y	Y	
10		Y		Y
11			Y	Y
12	Y	Y	Y	
13	Y	Y		Y
14		Y	Y	Y
15	Y		Y	Y
16	Y	Y	Y	Y

# Lessons - A Way to Think - Learning about the Infinite Not

## The Model Works for Every Thing

If we return to the Good Bad and other comparison we can understand the **Infinite Not**, the **Definite Not** and the **Double Not** more clearly.



Each thing being compared comes from its own definition and measurement containing 16 possible binary combinations. This includes any asserted thing - True, False, Like, Food, Good, Bad, Grey - they key thing is recognizing the **Infinite Not first** for any asserted thing **and then the Definite Not** of any asserted thing.

**Most people overlook all of this.**

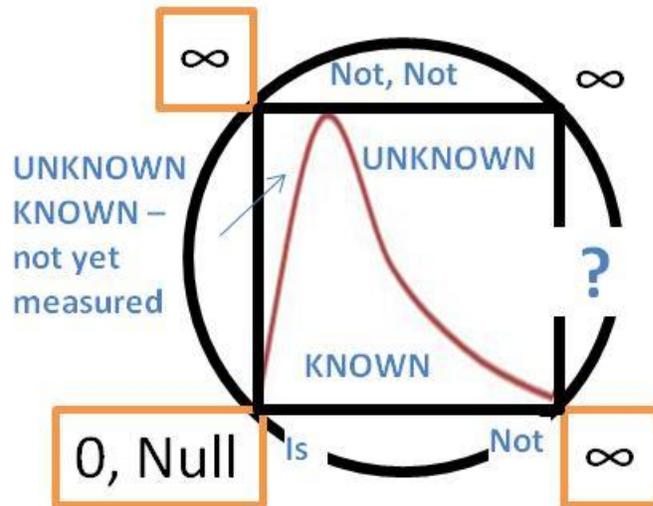
Then when we get to Fisher’s 4 Box model many people usually only see three boxes and ignore everything else - including the double not or the Null Case. It should be noted that the Double Not or Null case is Infinity - infinitely many things are not part of the two things being compared.

	<p>Also to be noted is that the overlapping box on the top left corner accommodates all comparisons of two things - whether they be “excluded” or not - because there is no extreme binary - there is always some degree of overlap between two things even if it is a very small.</p> <p>The combinations which contribute to the Null case are the ones with any Declared Is or Definite Not in them. 1,3,5 and 10 from each thing of 4. This is far more complicated than people understand</p>
--	--

## Extension - Plurality

My plurality model developed over some time takes a while to understand. It has a significant point at the lower right which I call the God point because this is where the paired infinities Zero and Null reside.

## Lessons - A Way to Think - Learning about the Infinite Not



See

- 05 Humanism – Population Distribution, Version 1, date 14/02/2019 <https://humanistman.com/wp-content/uploads/2019/02/05-Humanism-%E2%80%93-Population-Distributions.pdf>
- 09 Humanism – Bad and Good, Version 1, date 02/04/2019 <https://humanistman.com/wp-content/uploads/2019/04/09-Humanism-Bad-and-Good.pdf>
- Why Not A Humanist Manifesto <https://humanistman.com/wp-content/uploads/2021/08/Why-Not-A-Humanist-Manifesto.pdf>
- I Like Chefs but I Hate Some Food <https://humanistman.com/wp-content/uploads/2022/04/I-Like-Chefs-but-I-Hate-Some-Food.pdf>
- Virtue Signaling the Drama Triangle <https://humanistman.com/wp-content/uploads/2022/04/Virtue-Signaling-the-Drama-Triangle.pdf>
- Mutilated by Virtue – Destroyed by Tribalism – Inundated with Lies <https://humanistman.com/wp-content/uploads/2022/07/Mutilated-by-Virtue-Destroyed-by-Tribalism-Inundated-with-Lies.pdf>
- Courage to Question <https://humanistman.com/wp-content/uploads/2022/07/Courage-to-Question.pdf>
- The Great Adventure or Guaranteed Failure <https://humanistman.com/wp-content/uploads/2022/07/The-Great-Adventure-or-Guaranteed-Failure.pdf>
- Habitual Delusion <https://humanistman.com/wp-content/uploads/2022/08/Habitual-Delusion.pdf>
- What were you thinking 1300 to 1400 <https://humanistman.com/wp-content/uploads/2022/09/What-were-you-thinking-1300-to-1400.pdf>

## References

1. <https://humanistman.com/home/articles/>

## Lessons - A Way to Think - Learning about the Infinite Not

2. Corruption – Measurement and Implementation <https://humanistman.com/wp-content/uploads/2020/01/Corruption-Measurement-and-Implementation.pdf>
3. Corruption – Binary Thinking – Prove You are Not A Criminal <https://humanistman.com/wp-content/uploads/2020/07/Corruption-Binary-Thinking-Prove-You-are-Not-A-Criminal.pdf>
4. Mutilated by Virtue – Destroyed by Tribalism – Inundated with Lies <https://humanistman.com/wp-content/uploads/2022/07/Mutilated-by-Virtue-Destroyed-by-Tribalism-Inundated-with-Lies.pdf>
5. The Definite Not <https://humanistman.com/wp-content/uploads/2024/10/The-Definite-Not.pdf>
6. <https://humanistman.com/wp-content/uploads/2024/11/What-Were-you-Thinking-1700s-part1.pdf>
7. <https://humanistman.com/wp-content/uploads/2019/03/08-Humanism-Meta-Frames-Proportion.pdf>
8. <https://humanistman.com/wp-content/uploads/2019/04/09-Humanism-Bad-and-Good.pdf>
9. <https://humanistman.com/wp-content/uploads/2019/10/Debates-Human-Difficulties.pdf>
10. [https://en.wikipedia.org/wiki/Carl\\_Friedrich\\_Gauss](https://en.wikipedia.org/wiki/Carl_Friedrich_Gauss)
11. [https://en.wikipedia.org/wiki/Neti\\_netī](https://en.wikipedia.org/wiki/Neti_netī)
12. [https://en.wikipedia.org/wiki/Golden\\_mean\\_\(philosophy\)](https://en.wikipedia.org/wiki/Golden_mean_(philosophy))
13. [https://en.wikipedia.org/wiki/Central\\_limit\\_theorem](https://en.wikipedia.org/wiki/Central_limit_theorem)
14. [https://en.wikipedia.org/wiki/Law\\_of\\_excluded\\_middle](https://en.wikipedia.org/wiki/Law_of_excluded_middle)
15. [https://en.wikipedia.org/wiki/Law\\_of\\_noncontradiction](https://en.wikipedia.org/wiki/Law_of_noncontradiction)
16. [https://en.wikipedia.org/wiki/Principle\\_of\\_explosion](https://en.wikipedia.org/wiki/Principle_of_explosion)
17. [https://en.wikipedia.org/wiki/Zermelo%E2%80%93Fraenkel\\_set\\_theory](https://en.wikipedia.org/wiki/Zermelo%E2%80%93Fraenkel_set_theory)
18. <https://en.wikipedia.org/wiki/Taoism>
19. [https://en.wikipedia.org/wiki/Ronald\\_Fisher](https://en.wikipedia.org/wiki/Ronald_Fisher)
20. [https://en.wikipedia.org/wiki/George\\_Boole](https://en.wikipedia.org/wiki/George_Boole)
21. <https://humanistman.com/wp-content/uploads/2020/04/Pattern-Worship-Choice-God.pdf>
22. [https://en.wikipedia.org/wiki/Benford%27s\\_law](https://en.wikipedia.org/wiki/Benford%27s_law)
23. [https://en.wikipedia.org/wiki/Axiom\\_of\\_choice](https://en.wikipedia.org/wiki/Axiom_of_choice)