The Consumer Price Index - Meaning and Use

Author: Jonathan Pearson
Version: 0
Date Started: 30/07/2023
Date First Version: 09/09/2023
Date Updated: 09/09/2023
Creative Commons: Attribution 4.0 International (CC BY 4.0)

Preamble - The Rant

Tanya Plibersek declares that The Labour party is the most transparent and open political party in Australia and they work for "All Australians". This is coming from a long time man hating feminist who has devoted her whole political life standing around in front of Mobs singing "I Am Woman Hear Me roar", taking the knee to Black activism, Destroying Family court and other legislation and the rights to a fair trial for men, Destroying universities, Establishing an Office of Women, Removing Men from the discrimination Legislation (it is legal to discriminate against men but not women or blacks), personally attacking anyone who questions or disagrees with her (Craig Kelly, "Voldermort") - constantly involved in tribal victim narratives (Women and Blacks) and constantly smugly sneering and attacking white men in politics and anywhere else. **Smuglifuntism.**

Anything Tanya Plibersek says is best understood as categorizing it as a deliberate and calculated lie.

Once you do that then the words take on a completely different meaning. Why does she think she needs to say **now** how transparent and open the Labour Party is? Why does she think she needs to declare that they work for all Australians?

This is because they are doubling down on their bigotry lies and corruption. **Richard Marles** (*With respect, now is not the time to look at our lies and corruption*), **Tanya Plibersek** (*Bullying and attacking Craig Kelly, Voldermort, What Aldi bags of Chinese Money?*), **Penny Wong** (Abuser, *Corrupt, I Have already apologized for that and forgiven myself, No-one knew anything, Man hating feminist, Positive discrimination for women and Blacks, serial bully liar and attempting to bribe and influence Pacific Island elections*), **Katy Gallagher** (*Bigot, serial liar, man hating feminist, women scientists deserve more money and grants from the government than men "I'll fix that", How dare you - no-one knew anything -* **How Dare You**), **Mark Butler** (*Liar, Corrupt, Nepotism, Bigot, incompetent, Binary extremist "It is in the name " "Nursing Homes must have a Nurse 24/7 and I don't care who pays for it")* . **Mark Dreyfuss, Andrew Barr, Andrews Leigh** (*You may hate Blacks and Women, Jon but we love them and will do anything for them - whatever it takes), etc.*

The Crusaders went off to fight "Holy Wars" against the Muslims in Jerusalem and along the way, terrorized the Jews, Cathars and Others and massacred, burned, killed and stole things in their "Holy War" - after all if you are going to fight other tribes why just limit yourself to the Muslims and Jerusalem is so far away, after all?

The ABC's **Ita Buttrose** declares that diversity of the ABC is important to her. This is a blatant and obvious lie every bit as corrupt as Tanya Plibersek and the rest. The ABC constantly promotes (broadcast Australia wide and overseas - every hour of every day) Black activism - aboriginal place names, declares that all of Australia is "Aboriginal Country".

Diversity of What exactly? Different Black and Women tribes? Lesbians , Man hating Lesbians Trans Men (Women who want to be men), Disabled Women Blacks and Migrants tribes? Women who state "**KILL ALL MEN**" and "**LETS BURN THIS PLACE DOWN, WHO IS WITH ME**" (supported an encouraged by the ABC)

The "Art of Political Lying" is seen as a calling for all the Greens/Labour types. They cannot tell the truth nor does it matter what the truth is. Everything is a lie for their own narcissistic, deluded, corrupt, Self Centered, tribal and bigoted and personally profitable cause. Constant professional and deluded lying and pretending all the time - like all psychotic, deluded psychopaths - that you must believe them because they themselves are acting like it is their truth - their performance is everything. That's why they smile and Nod all the time - using body language, words, smiling a nodding like a "loon" to convince others - that if they themselves believe their lies then everyone else should too. Greens/Labour binary types sit around singing, smiling, nodding at each other and congratulating each other how wonderful they are and all their ideas are "Good" and anyone who questions is "Bad" and a heretic to be attacked and burned. They hug each kiss each other, clap hands and cheer as they burn each heretic - in a mob type delusional mass psychosis.

John Arbuthnot (1667-1737) and **Jonathan Swift** (1667 –1745) satired the lies going on around them in their time

https://onlinebooks.library.upenn.edu/webbin/book/lookupname?key=Arbuthnot%2C%20John%2C%201667%2D1735 http://www.ikanlundu.com/literary/The_Art_of_Political_Lying.htm
https://www.eclectica.org/v19n4/purdy_swift.html
http://www.ourcivilisation.com/smartboard/shop/swift/examiner/chap14.htm

Ovid, Metamorph. xii. 61.

With idle tales this fills our empty ears;
The next reports what from the first he hears;
The rolling fictions grow in strength and size,
Each author adding to the former lies.
Here vain credulity, with new desires,
Leads us astray, and groundless joy inspires;
The dubious whispers, tumults fresh designed,
And chilling fears astound the anxious mind.

"I have been sometimes thinking, if a man had the art of the second sight for seeing lies, as they have in Scotland for seeing spirits, how admirably he might entertain himself in this town, by observing the different shapes, sizes, and colours of those swarms of lies which buzz about the heads of some people, like flies about a horse's ears in summer; or those legions hovering every afternoon in Exchange-alley, enough to darken the air; or over a club of discontented grandees, and thence sent down in cargoes to be scattered at elections.

*There is one essential point wherein a political liar differs from others of the faculty, that he ought to **have but a short memory**, which is necessary, according to the various occasions he meets with every hour of differing from himself, and **swearing to both sides of a contradiction**, as he finds the persons disposed with whom he hath to deal. In describing the virtues and vices of mankind, it is convenient, upon every article, to have some eminent person in our eye, from whom we copy our description. I have strictly observed this rule, and my imagination this minute represents before me a certain great man famous for this talent, to the constant practice of which he owes his twenty years' reputation of the most skilful head in England, for the management of nice affairs. The superiority of his genius consists in nothing else but an **inexhaustible fund of political lies, which he plentifully distributes every minute he speaks, and by an unparalleled generosity forgets, and consequently contradicts, the next half hour.** He never yet considered whether any proposition were true or false, but whether it were convenient for the present minute or company to affirm or deny it; so that if you think fit to refine upon him, by interpreting every thing he says, as we do dreams, by the contrary, you are still to seek, and will find yourself equally deceived whether you believe or not: the only remedy is to suppose, that you have heard some inarticulate sounds, without any meaning at all; and besides, that will take off the horror you might be apt to conceive at the oaths, wherewith he perpetually tags both ends of every proposition; although, at the same time, I think he cannot with any justice be taxed with perjury, when he invokes God and Christ, because he hath often fairly given public notice to the world that he believes in neither."*

Dalrymple T. The lying king. *BMJ. 2007 Jul 28;335(7612):213. doi: 10.1136/bmj.39281.648553.59. PMCID: PMC1934484.* https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1934484/ *"**Dr John Arbuthnot** was Queen Anne's personal physician and a close friend of **Jonathan Swift** and **John Gay** (of The Beggar's Opera). He was a polymath: as well as holding MDs*

from Edinburgh and Cambridge, he was a classical scholar and mathematician. He was a pioneer not only of medicine but of political science. Arbuthnot understood the way of the world so well that one of his works might serve as a guide to modern life.

In 1712, he published his Proposals for Printing A very Curious Discourse, in Two Volumes in Quarto, Intitled A Treatise of the Art of Political Lying, With an Abstract of the First Volume of the said Treatise. Alas, he never completed his great work, or even started it, but nevertheless left very useful hints to governments, opposition parties, and managers in the NHS. I would recommend a copious reprint and its dissemination to all those interested (or do I mean stakeholders?)—at public expense, of course. The work is very short, and even with all the necessary feasibility studies, pilot projects, inevitable overruns, and so forth, the cost wouldn't be more than a few millions. It would improve the quality of political lying in this country no end."

Lies, of course, like all other human inventions, should be fit for purpose. "As to the duration of lyes . . . they are of all sorts, from hours and days to ages; there are some which, like your insects, die and revive again in a different form; . . . good artists, like people who build upon a short lease, will calculate the duration of a lye surely to answer their purpose; to last just as long, and no longer, than the turn is served."

Does this sound familiar? Perhaps a reprint isn't needed after all.

Obviously, Arbuthnot had the future NHS in mind when he remarked: **"No man spreads the lye with so good a grace as he that believes it."**

But there is also a general deep ignorance in the population - tribal - mostly women, blacks and weak minded men (young heroic virtue signalers) as they wallow in their self-pity and drama triangle based (Victim, Hero, Perpetrator) binary zealot entitled victim narratives (woe is me).

Peta Credlin believes in Targets for Women and Women are victims, **Amanda Stoker** used government money to fund the flag of the Black Nation (deliberately undermining the Australian Nation) - and believes in having an Office of Women because Women are special and entitled, **Rita Pannahi** lacks cognition skills (like most women and men now coming out of a corrupt and dysfunctional education system) and has trouble understanding the idea of "Premiss" and "Conclusion" - in a probabilistic way.

Now most people do not have much ability to think nor do many people think they have to think or do any work at all. **Fat, Dumb and Lazy complacency** and **Entitled Victim** (lies and corruption) is all they have needed to do all their pampered lives. **Smuglifuntism.**

In Rita's discussion with Greg Sheridan about the reason the Russians invaded Ukraine when Biden became president was Rita's **Assertion** that the previous USA president **threatened Russia** not to invade - so Russia chose not to invade until the next president came along. So this is an asserted **Premiss** and a **Conclusion**. It is based on **her belief** that that is what happened and how it happened and this seems very logical to her. She believes this very strongly - regardless of her ability to state and find any facts - or present those facts to support her thesis - her assertion. This represents the exact level of thinking of the Witch hunters and those people who murdered heretics as "un-believers".

It is also a bit like the thinking of making sacrifices to the gods because then your crops wont fail and the believing it to be true because you make a sacrifice and your Crops did not fail. This seems somehow "Logical" to you and that if your crops failed then obviously you did not sacrifice enough - it is YOUR FAULT the cause and effect - premiss and conclusion are linked through you twisted view of the world. More than 70% of the world think this is normal thinking and cannot use higher brain functions or **even question** this type of thinking.

Now when Rita failed to provide evidence to support her "Premiss" and "Conclusion" (cause/effect), Greg Sherdian quite rightly made the analogy that *"The Martians did not invade earth under the previous president either".* Here Greg is showing his basic understand of logic and the idea that if you **assert something cause/effect** - that you **need more than opinion and belief** - you need facts and logic , hypothesis, investigation and debate otherwise you are simply asserting nonsense - your own beliefs. Rita is not asserting that she likes apples or that magic exists - she is asserting a causal connection of real things in the real world **that other people** **are entitled to debate and question**. For example Andrew Barr (and all the women in the courts - Lorraine Walker, Bernadette Boss, Helen Watchirs (Human Rights), etc) asserts that removing the rights to fair trial in Canberra courts will "Keep Women and **Their** children **safe**" as **mandated** and supported by the Australian Commonwealth Government. This is deluded, tyrannical, unsubstantiated ASSERTION of how the world works. Like asserting a constitutional enshrined VOICE for Blacks is a "Good idea" and will "Keep Blacks and their children safe". More than 70% of people lack basic logic or thinking skills or experience.

There are some mathematical notions about probability and reaching CONCLUSIONS about things - i.e . *"What can be asserted with evidence can be dismissed without evidence"* (Christopher Hitchens).

The Principle of Indifference https://en.wikipedia.org/wiki/Principle_of_indifference *The principle of indifference (also called **principle of insufficient reason**) is a rule for assigning epistemic probabilities. The principle of indifference states that in the **absence of any relevant evidence, agents should distribute their credence (or 'degrees of belief')** equally among all the possible outcomes **under consideration.**[1] In Bayesian probability, this is the simplest non-informative prior. The principle of indifference is meaningless under the frequency interpretation of probability,[citation needed] in which probabilities are relative frequencies rather than degrees of belief in uncertain propositions, conditional upon state information.*

https://mathworld.wolfram.com/PrincipleofInsufficientReason.html
https://en.wikipedia.org/wiki/Jacob_Bernoulli *Jacob Bernoulli*

Now it must be said that most people have no real idea of logic, maths, probability, chance, cause, effect and related ideas. Most mathematicians do not understand the problem but they continue to make up laws and rules. **Carl Sagan** does not understand probability, I was impressed by **John Maynard Keynes** exploration of the problem the idea of probability in both causal and choice aspect within the mathematical models built so far. As far as assigning equal probability to anything asserted, I agree with Keynes and disagree with *Jacob Bernoulli on the point of "equal probability".*

For example I asserted that the Sun is not going to rise tomorrow if I fail to sacrifice to the Gods is that the same probability as asserting that a magic purple dragon will fly down from the outer reaches of universe to take its place? I dismiss both things equally without evidence - but I do not

assign them the same or equal probability I am not sure whether there is enough information to bother trying to invent a mathematical model (in a dogmatic, certain, totalitarian, authoritarian type way) to describe the idea of "probability" to those notions.

So it is not the problem that Rita is "stupid" - it is that she **does not know how stupid she is** - the limits of her skills, abilities and knowledge. **Who needs limits to knowledge when opinion and belief cover everything?** The clue can be found with the ABC, Greens/Left types, Women and Black tribal groups, ABC, religious fanatics - whenever the "Question is raised" - as Greg did - *"Justify your assertion"* people start *Doubling down* on the strongly held beliefs and become more and more aggressive claiming to "offended" and claiming to be the "Victim" of someone daring to explore their assertions and requiring to engage in debate or provide some evidence. Women, Universities, Blacks and Politicians do this habitually. Understanding fallacies is not easy.

The ABC (Ita Buttrose, David Anderson, Board, management and staff) - in **binary certain tribal pig-ignorant** way - asks everyone who posits a different idea to their beliefs to "justify their assertion **beyond reasonable doubt**" - but everything they agree with and "Believe" and assert goes by **without question** or investigation or any justification what so ever. See **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

The other problem of Rita's assertion is that is an **EXTREMELY DANGEROUS ASSERTION** to suggest that bullying, intimidating and threatening people on the world stage is an effective or successful measure - i.e. in my view it is biased more towards TRIBAL WARFARE than away from it.

Tribal warfare - and **Mob responses** - particularly as **encouraged by** Greens/Labour - Blacks, Women - Tanya Plibersek, Penny Wong, Richard Marles, Mark Dreyfuss, Mark Butler, Tony Burke, Katy Gallagher, Bill Shorten (*far right wing Nazis*), Andrew Barr, Albanese, Andrew Leigh, Helen Watchirs - all the feminists, courts and universities, Religious zealots and other crusading warriors - has historical parallels. It is always the wrong heads on the stakes. The idea that humans belonging to any religious group are "**Special**" or the "**Chosen**" or **Special Victims** is nonsense. It's a lie.

https://en.wikipedia.org/wiki/Piedmontese_Easter . *This image is among a group of prints illustrating the **massacre of the Waldenses** which took place in 1655. The young woman being tortured is said to be Anna, daughter of Giovanni Charboniere of La Torre. Samuel Moreland - Samuel Moreland "History of the Evangelical Churches of the Valleys of Piedmont", p.345.*

https://archive.org/details/historyofevangel00morl/page/n5/mode/2up

https://en.wikipedia.org/wiki/Samuel_Morland
https://en.wikipedia.org/wiki/Waldensians
https://museeprotestant.org/en/notice/a-history-of-the-waldensians/

Framework

Humans, Planet

Population

Humans, Groups, Individuals

Questions

1. What is a basket of things?
2. How do wages and prices change?
3. What is probability?
4. What is Cause and Effect?

Initial Conditions

Individual, Groups

Self reference

Individual, Group

Introduction

Economics is not a topic I have studied but I have looked at maths and statistics. There seems to be some point when numbers are taken to mean something which then requires some kind of economic decision. The Consumer Price Index - CPI - is legislated and linked to many decisions automatically. I wonder if I can learn something from exploring the links with data and economic decisions. What is the rationale and reason behind these decisions?

CPI Introduction

CPI is usually quoted as a percentage increase - (of the cost of things) which is then used to raise wages, pensions and other things usually on an annual cycle. This is a kind of imbedded social justice framework which removes the need for constant bargaining and union strikes. One problem is that people on high wages who get a 2% increase (like everyone else) are receiving far more money than they need to buy milk, bread and other basic items. These are all fixed costs items which are not really described as percentage increase but should be implemented as lump sums. i.e. everyone gets a lump sum increase of $1000 per year - regardless of how much their wage is - maybe cutting out in the top wage brackets. We have a progressive Tax system but not a progressive wage and pension increase system and this is leading to higher salaries at the top end.

https://www.abs.gov.au/statistics/economy/price-indexes-and-inflation The Australian Bureau of Statistics (ABS where I worked for some years) collects data in a time series on a number of Indexes produced as legislated by and for government as some of the Economic Indicators.

- Consumer Price Index - *It measures price changes experienced by **households**. (A **BASKET** of ITEMS)
- Wage Price Index
- Producer Price Index

- International Trade Price Indexes
- Total Value of Dwellings
- Selected Living Cost Indexes
- Residential Property Price Indexes

CPI History https://www.abs.gov.au/statistics/economy/price-indexes-and-inflation/guide-consumer-price-index-17th-series/2017 has been running since about 1960 in some detail and the weightings are adjusted quite frequently *"The CPI originally consisted of weights from 1948. Weights were updated in 1952 and subsequently in 1956, 1960, 1963, 1968, 1973, 1974, 1976, 1982, 1987, 1992, 1998, 2000, 2005, 2011 and 2017."* - the idea being things change over time and things like "cars" "computers" and other technology changes change what is available to be "consumed" and what people choose to spend their money on. This is measured using the **Household Expenditure Survey** which asks households what they are spending their money on. https://www.abs.gov.au/statistics/economy/price-indexes-and-inflation/guide-consumer-price-index-17th-series/2017. So it is like a **feedback loop** **changing weights and emphasis**.

The idea of the index is to get a sense of things changing over time - to see things like trends upwards - usually associated with terms like "inflation" - and things going downward "Deflation". More explanations here https://www.abs.gov.au/statistics/detailed-methodology-information/concepts-sources-methods/consumer-price-index-concepts-sources-and-methods/2018

2.18 When determining what items are to be priced for the CPI basket, various factors are taken into consideration. Items:

must be **representative** *of purchases made by the CPI population group;*

must have prices which can be associated with an **identifiable and specific commodity or service** *(e.g. a 420g can of baked beans, or adult general admission to a club football game); and*

are **not excluded on the basis of moral or social judgements**. *For example, some people may regard the use of tobacco or alcohol as socially undesirable, but both are included in the CPI basket because they are significant items of household expenditure and their prices can be accurately measured.*

2.19 Income-based taxes, however, are not included in the CPI because they cannot be clearly associated with the purchase or use of a specific good or service.

The CPI groups

2.20 The total basket is divided into 11 major groups, each representing a specific set of commodities:

Food and non-alcoholic beverages
Alcohol and tobacco
Clothing and footwear
Housing
Furnishings, household equipment and services
Health
Transport

Communication
Recreation and culture
Education
*Insurance and financial service*s

The ABS Index weighting pattern: https://www.abs.gov.au/statistics/detailed-methodology-information/concepts-sources-methods/consumer-price-index-concepts-sources-and-methods/2018/appendix-1-cpi-weighting-pattern

Group, Sub-group, Expenditure class	%	%	%
FOOD AND NON-ALCOHOLIC BEVERAGES		15.76	
Bread and cereal products		1.43	
Bread	0.53		
Cakes and biscuits			0.62
Breakfast cereals			0.12
Other cereal products			0.16
Meat and seafoods		2.14	
Beef and veal		0.46	
Pork	0.29		
Lamb and goat		0.22	
Poultry	0.42		
Other meats		0.36	
Fish and other seafood			0.39
Dairy and related products		0.96	
Milk	0.35		
Cheese	0.29		
Ice cream and other dairy products			0.32
Fruit and vegetables		2.23	
Fruit	1.04		
Vegetables		1.19	
Food products n.e.c.		2.11	
Eggs	0.12		
Jams, honey and spreads			0.13
Food additives and condiments			0.28
Oils and fats	0.18		
Snacks and confectionery			0.88
Other food products n.e.c.			0.52
Non-alcoholic beverages		0.97	
Coffee, tea and cocoa		0.21	
Waters, soft drinks and juices			0.76
Meals out and take away foods		**5.92**	
Restaurant meals		3.32	
Take away and fast foods			2.60
ALCOHOL AND TOBACCO	7.36		
Alcoholic beverages		4.54	
Spirits		0.85	
Wine		1.74	
Beer		1.95	
Tobacco	2.82		
Tobacco		2.82	
CLOTHING AND FOOTWEAR	3.32		
Garments		2.03	

Garments for men	0.55			
Garments for women	1.15			
Garments for infants and children		0.33		
Footwear	0.50			
Footwear for men	0.13			
Footwear for women	0.30			
Footwear for infants and children		0.07		
Accessories and clothing services	0.79			
Accessories	0.67			
Cleaning, repair and hire of clothing and footwear			0.12	

HOUSING **23.19**

Rents	7.10		
Rents	7.10		
New dwelling purchase by owner-occupiers	8.05		
New dwelling purchase by owner-occupiers		8.05	
Other housing	3.55		
Maintenance and repair of the dwelling		2.05	
Property rates and charges	1.50		
Utilities	4.49		
Water and sewerage	1.01		
Electricity	2.54		
Gas and other household fuels	0.94		

FURNISHINGS, HOUSEHOLD EQUIPMENT AND SERVICES **8.89**

Furniture and furnishings	1.62		
Furniture	1.32		
Carpets and other floor coverings		0.30	
Household textiles	0.44		
Household textiles	0.44		
Household appliances, utensils and tools	1.49		
Major household appliances	0.39		
Small electric household appliances		0.31	
Glassware, tableware and household utensils			0.42
Tools and equipment for house and garden			0.37
Non-durable household products	2.48		
Cleaning and maintenance products		0.24	
Personal care products	0.99		
Other non-durable household products		1.25	
Domestic and household services	2.86		
Child care	1.23		
Hairdressing and personal grooming services			0.92
Other household services	0.71		

HEALTH **5.69**

Medical products, appliances and equipment	1.14	
Pharmaceutical products	1.00	
Therapeutic appliances and equipment		0.14
Medical, dental and hospital services	4.55	
Medical and hospital services	4.00	
Dental services	0.55	

TRANSPORT **10.48**

Private motoring	9.76
Motor vehicles	2.56

Spare parts and accessories for motor vehicles			0.74	
Automotive fuel		3.24		
Maintenance and repair of motor vehicles			1.83	
Other services in respect of motor vehicles			1.39	
Urban transport fares	0.72			
Urban transport fares		0.72		
COMMUNICATION	**2.57**			
Communication	2.57			
Postal services		0.09		
Telecommunication equipment and services			2.48	
RECREATION AND CULTURE	**12.60**			
Audio, visual and computing equipment and services			1.83	
Audio, visual and computing equipment			1.12	
Audio, visual and computing media and services				0.71
Newspapers, books and stationery		0.66		
Books	0.22			
Newspapers, magazines and stationery			0.44	
Holiday travel and accommodation		**6.01**		
Domestic holiday travel and accommodation			2.91	
International holiday travel and accommodation			3.10	
Other recreation, sport and culture		4.10		
Equipment for sports, camping and open-air recreation				0.57
Games, toys and hobbies		0.72		
Pets and related products		0.43		
Veterinary and other services for pets			0.38	
Sports participation		0.96		
Other recreational, sporting and cultural services				1.04
EDUCATION	**4.27**			
Education	4.27			
Preschool and primary education			0.93	
Secondary education		1.73		
Tertiary education		1.61		
INSURANCE AND FINANCIAL SERVICES	**5.86**			
Insurance	1.29			
Insurance		1.29		
Financial services	4.57			
Deposit and loan facilities (direct charges)			0.57	
Other financial services		4.00		
ALL GROUPS CPI	100.00	100.00	100.00	

Many countries measure CPI https://www.pewresearch.org/short-reads/2022/01/24/as-inflation-soars-a-look-at-whats-inside-the-consumer-price-index/

India produces CPI indexes certain groups of people rather than households. https://prepp.in/news/e-492-consumer-price-index-cpi-indian-economy-notes Industrial Workers (CPI-IW), Agricultural Laborers (CPI-AL), Rural Labourer (CPI-RL), (Urban Non-Manual Employees) (CPI-UNME).

UK produces an easily found full list https://www.ons.gov.uk/economy/inflationandpriceindices/datasets/consumerpriceinflationbasketofgoodsandservices

Annex A: Consumer price indices, CPIH and CPI: representative items in 2023

01.1 **Food**

01.1.1 Bread and Cereals

Large white loaves - sliced and unsliced Large wholemeal loaf
Bread rolls   Wraps/tortillas
Flour   Garlic bread
Chilled pizza   Rice
Pasta   Dehydrated noodles/pasta
Breakfast cereals   Hot oat cereal
Gluten free breakfast cereals   Cereal bars
Sponge cakes   Crumpets
Pack of individual cakes Crackers
Various selected biscuits   Couscous
Popcorn   Yorkshire puddings
Quiche

01.1.2 Meat
Beef

Rump steak   Roasting joint
Mince   Frozen burgers
Lamb

Loin chops
Pork

Loin chops   Back bacon
Gammon   Oven-ready joint
Chicken

Fresh/chilled whole chicken   Fresh chicken breasts
Rotisserie cooked hot whole chicken
Other Meats

Pork sausages   Meat pies
Cooked meats - eg ham Fresh diced/minced turkey
Canned meats   Frozen chicken nuggets
Chicken kievs   Liver
Continental deli type meat   Meat based snacks

01.1.3 Fish

Fresh white fish fillets   Fresh salmon fillets
Canned tuna   Fish fingers
Frozen prawns Frozen breaded/battered white fish

01.1.4 Milk, Cheese and Eggs

Full-fat and semi-skimmed milk - shop-bought and delivered
Flavoured milk   Non-dairy milk drink
Fresh cream   Yoghurt
Chilled pot dessert   Fromage frais
Eggs   Cheddar - home-produced
Other regional cheeses Soft continental cheese
Parmesan   Cheese spread
Powdered baby formula

01.1.5 Oils and Fats

Dairy spread/margarine   Dairy free spread/magarine
Block butter   Spreadable butter
Peanut butter   Olive oil

01.1.6 Fruit

Dessert apples   Bananas
Pears   Lemon
Strawberries   Grapes
Oranges   Small oranges
Avocado pears   Plums
Kiwi fruit   Grapefruit
Melon   Blueberries
Pineapple   Raspberries
Fresh fruit snacking pot   Frozen berries
Dried fruit   Canned fruit
Salted/roasted peanuts

01.1.7 Vegetables

Loose and pre-packed potatoes - old, new and baking varieties
Prepared mashed potato   Frozen chips
Crisps - single and multi-packs   Vegetable crisps
Corn based snacks   Peppers
Fresh tomatoes   Cabbage
Cauliflower   Carrots
Mushrooms   Onions
Lettuce Cucumbers
BroccoliCourgettes
Sweet potatoes Green beans
Canned pulses   Canned baked beans
Canned tomatoes   Canned sweetcorn
Frozen pre-prepared vegetablesFrozen peas
Vegetarian burger/grills Vegetarian pickle
Vegetable stir fry   Meat free sausages
Pre-packed salad

01.1.8 Sugar, Jam, Syrups, Chocolate and Confectionery

Sugar   Jam
Honey   Ice cream
Various selected popular brands of sweets, chocolates, gum and mints

01.1.9 Food Products (not elsewhere covered)

Soup   Ready cooked meals
Various sauces - eg tomato ketchup, mayonnaise
Dried herbs   Protein powder

01.2 Non-Alcoholic Beverages

01.2.1 Coffee, Tea and Cocoa

Tea bags   Flavoured tea
Coffee sachets   Instant coffee
Coffee pods   Hot chocolate drink

01.2.2 Mineral Waters, Soft Drinks and Juices

Various pure fruit juices Squashes

Fruit drink   Fruit/vegetable juice smoothie

Mineral water   Flavoured water

Lemonade   Cola

Various fizzy drinks   Mixer drinks

Energy drinks

02.1 Alcoholic Beverages (Off Sales)

02.1.1 Spirits

Whisky Vodka

Brandy Rum

Gin   Cream liqueur

Pre-mixed spirit drink

02.1.2 Wine

White wine   Red wine

Rose wine   Fortified wine

Sparkling wine   Champagne

Bottled flavoured cider Canned apple cider

02.1.3 Beer

Canned lager   Canned bitter

Bottled lager   Canned stout

Bottled speciality beer/ale

02.2 Tobacco

Selected brand cigarettes   Hand rolling tobacco

Cigars   Electronic cigarette refills/liquid

03.1 Clothing

03.1.2 Garments

Men's Clothing

Coat   Casual jacket

Trousers - formal, casual   Formal jacket/blazer

Jumper Jeans

Various shirts   T shirts

Loungewear bottoms   Shorts

Tracksuit bottoms   Branded sports sweatshirt

Replica football team shirt   Man's base layer top

Socks   Underwear

Women's Clothing

Blouse Skirt - formal, casual

Dress   Trousers - formal, casual

Jeans   Leggings

Tops   T shirt

Cardigan   Jumper

Sweatshirt   Shorts

Coat   Jacket - formal, casual

Rainwear   Exercise leggings

Sports bra/crop top   Swimwear
Nightwear   Underwear
Tights

Children's Clothing
Schoolwear - trousers, skirt   Fashion top
Jumper/sweatshirt/cardigan   T shirt
Jeans   Trousers
Jacket   Girl's leggings
Infant's dress   Underwear
Socks   Pyjamas
Baby's sleepsuit

03.1.3 Other Clothing and Clothing Accessories
Man's tie   Man's belt
Lady's scarf   Cycle helmet
Hat/capKnitting wool

03.1.4 Cleaning, Repair and Hire of Clothing
Dry-cleaning   Men's clothing hire

03.2 Footwear including Repairs
Shoes - formal, school, casual and fashion
Boots - formal, fashion and walking/hiking boot
Training shoes   Sandals

04.1 Actual Rentals for Housing
Private furnished and unfurnished rent   Local authority rent
Registered social landlord (RSL) rent   UK holiday accommodation (self-catered)

04.2 Owner Occupiers' Housing Costs (only in CPIH)
Imputed rent in England, Scotland, Northern Ireland and Wales

04.3 Regular Maintenance and Repair of the Dwelling
04.3.1 Materials for Maintenance and Repair
Ready mixed filler   Wallpaper
Varnish Paint - gloss/emulsion
Ceramic tiles   Shower head
Medium density fibreboard (MDF)   Paint brush

04.3.2 Services for Maintenance and Repair
Fees charged by plumbers, electricians, carpenters and decorators

04.4 Water Supply and Miscellaneous Services for the Dwelling
04.4.1 Water Supply
Average water charges

04.4.3 Sewerage Collection
Average sewerage and environmental charges

04.5 Electricity, Gas and Other Fuels

04.5.1 Electricity

Average of the electricity companies' tariffs

04.5.2 Gas

Average of the gas companies' tariffs   Butane gas

04.5.3 Liquid Fuels

Kerosene

04.5.4 Solid Fuels

Smokeless fuel

04.9 Council Tax and Rates (only in CPIH)

Average council tax bills for households in Great Britain
Average rates bills for households in Northern Ireland

05.1 Furniture, Furnishings and Carpets

05.1.1 Furniture and Furnishings

Dining furniture - eg table, chairs
Bedroom furniture - eg wardrobe, bed, mattress, chest of drawers
Living room furniture - eg armchair, sofa bed, settees, bookcase, table lamp

Kitchen furniture - various kitchen units
Office furniture - home office desk
Outdoor furniture - patio set
Baby/children's furniture - high chair

05.1.2 Carpets and Other Floor Coverings

Selected carpets   Rug
Luxury vinyl tile flooring

05.2 Household Textiles

Curtains   Fabric roller blind
Duvet   Duvet cover
Bed sheet   Towels

05.3 Household Appliances, Fitting and Repairs

05.3.1/2 Major Appliances and Small Electric Appliances

Electric cooker Gas cooker
Fridge/freezer   Dishwasher
Vacuum cleanerWashing machine
Gas fire
Selected small appliances - eg iron, kettle, heater, electric fan

05.3.3 Repair of Household Appliances

Electrical service charges   Washing machine repair

05.4 Glassware, Tableware and Household Utensils

Kitchen equipment - pans, scissors, plastic food container, bakeware
Tableware – dinner plate, cutlery set
Glassware – tumbler

Re-usable bottle/mug
Flower vase

05.5 Tools and Equipment for House and Garden
Light bulb   Smart/WiFi light bulb
Battery Security/surveillance camera
Power drill   Screwdriver
Lawnmower   Garden spade
Hire of domestic carpet shampoo/cleaner   Door handle

05.6 Goods and Services for Routine Household Maintenance
05.6.1 Non-Durable Household Goods
Washing liquid/gel   Fabric conditioner
Washing-up liquid   Dishwasher tablets
Kitchen roll   Aluminium foil
Household cleaner cream/liquid Antibacterial surface wipes
Bleach   Bin liners
Woodscrews   Clear sticky tape

05.6.2 Domestic Services and Household Services
Domestic cleaner fees   Window cleaning fees
Nanny fees

06.1 Medical Products, Appliances and Equipment
06.1.1 Pharmaceutical Products
NHS prescription charges   Multi-vitamins tablets
Selected medicines - indigestion tablets, pain killers, cold/flu drink powders, allergy tablets, cough liquid

06.1.2/3 Other Medical and Therapeutic Products
Condoms   Plasters
Spectacle frames with lens   Contact lenses

06.2 Out-Patient Services
06.2.1/3 Medical Services and Paramedical Services
Non NHS medical services - physiotherapy, chiropractic medicine

06.2.2 Dental Services
NHS dental charges   Private dental examination

06.3 Hospital Services
Hospital charges, including private surgery fees
Nursing home fees

07.1 Purchase of Vehicles
07.1.1A New Cars
New petrol/diesel cars   New electric/hybrid cars

07.1.1B Second-Hand Cars
Second-hand cars

07.1.2/3 Motorcycles and Bicycles

        Motorcycles   Bicycles

        E-bike

07.2 Operation of Personal Transport Equipment

07.2.1 Spare Parts and Accessories

Selected spare parts and accessories - eg wiper blade, tyres, bulbs

07.2.2 Fuels and Lubricants

Ultra low sulphur petrol Ultra low sulphur diesel

Motor oil

07.2.3 Maintenance and Repairs

Car service   Labour charge for vehicle repairs

Exhaust fitting in fast fit auto centre   Wheel alignment in fast fit auto centre

Roadside recovery services   Car wash

07.2.4 Other Services

MOT test fees   Vehicle excise duty

Driving lesson fees   Driving test fees

Car park charges   Airport parking charges

Self-drive car and van hire charges   Road tolls

07.3 Transport Services

07.3.1 Passenger Transport by Railway

National rail fares by ticket type, for example, peak, off-peak and advance

London transport fares Other underground/metro fares

Euro Tunnel fares

07.3.2 Passenger Transport by Road

Bus fares   Minicab fares

Coach fares   Taxi fares

Charge for home removals   Self-storage fees

07.3.3 Passenger Transport by Air

Air fares

07.3.4 Passenger Transport by Sea and Inland Waterway

Various ferry and sea fares

08.1 Postal Services

Letter handling services Parcel delivery services

08.2/3 Telephone and Telefax Equipment and Services

Telephone   Smartphone handset

Fixed line telephone charges   Mobile phone charges

Cost of directory enquiries   Mobile phone applications

Subscription to the internet   Mobile phone accessory

Bundled communication services   Smartwatch

09.1 Audio-Visual Equipment and Related Products

09.1.1 Equipment for the Reception and Reproduction of Sound and Pictures
Televisions   DVD/Blu-ray disc player
Digital media player   Digital (DAB) radio
Portable digital music player   Portable speakers
Soundbar   Headphones

09.1.2 Photographic, Cinematographic and Optical Equipment
Interchangeable lens digital camera   Action camera

09.1.3 Data Processing Equipment
PCs - desktop and laptop   PC peripherals
Tablet computer   Computer software
Smart speaker   Printer

09.1.4 Recording Media
CDs, including CDs purchased over the internet
Pre-recorded DVDs, including DVDs purchased over the internet
Pre-recorded Blu-ray discs, including discs purchased over the internet
Recordable CD   Music downloads
Portable digital storage device

09.1.5 Repair of Audio-Visual Equipment and Related Products
Electrical equipment repair charges - eg PC

09.2 Other Major Durables for Recreation and Culture
09.2.1/2 Major Durables for In/Outdoor Recreation
Caravans   Boats
Acoustic guitar   Livery charges
Water sports equipment - eg windsurfing equipment

09.3 Other Recreational Items, Gardens and Pets
09.3.1 Games, Toys and Hobbies
Various toys - soft toys, construction toys, model cars, activity toys, dolls, electronic educational toys
Child's scooter   Child's sit and ride toy
Board game   Craft/hobby kits for adults and children
Jigsaw   Computer games console
Computer game downloads   Computer game accessory
Computer games, by platform, and including games purchased over the internet

09.3.2 Equipment for Sport and Open-Air Recreation
Sports equipment - golf balls, squash racquet, football, fishing rod, football boots, hand weights
Sleeping bag   Barbecue

09.3.3 Gardens, Plants and Flowers
Selected varieties of plants, cut flowers, seeds and including flowers purchased over the internet

Compost   Plant food
Flower delivery

09.3.4/5 Pets, Related Products and Services
Cat and dog food, and dog treats   Pet collar
Small pet - eg hamster   Animal cage
Dog kennel boarding fees   Annual booster injection
Wild bird seed

09.4 Recreational and Cultural Services
09.4.1 Recreational and Sporting Services
Fees for leisure evening classes Private health club/gym membership
Charges for exercise classes   Swimming pool admissions
Ten-pin bowling session Golf green fees
Football match admissions   Horseracing admissions
Admission to other attractions   Games consoles online subscriptions
Soft play session   Climbing wall session

09.4.2 Cultural Services
DVD rental/video on demand subscription services
Digital television subscriptions   Rental of various types of television
Television licence   Digital photo processing
Music streaming subscriptions
Admission to cinemas, theatres, live music, historic monuments and other
cultural events

09.5 Books, Newspapers and Stationery
09.5.1 Books
Adult, teenage and children's fiction and non-fiction paperback and
hardback books

eBooks

09.5.2 Newspapers and Periodicals
National daily newspapers   Sunday newspapers
Provincial newspapers   Periodicals

09.5.3/4 Miscellaneous Printed Matter, Stationery, Drawing Materials
Ballpoint pen   Wrapping paper
Greeting card   Printer paper
Inkjet cartridge

09.6 Package Holidays
Package holidays covering a range of foreign destinations, accommodation
and holiday types, including late-booked holidays
UK holidays covering a range of accommodation/holiday types but excluding
self-catering

10.0 Education
Private school fees   Evening classes
International student fees   UK university tuition fees

11.1 Catering Services

    11.1.1 Restaurants and Cafes

    Restaurants

        Restaurant main course Restaurant sweet course

        Restaurant cup of coffee   Pub hot meal

        In store cafeteria meal Muffin

    Take-Aways and Snacks

        Fish and chips   Cooked pastry based savoury snack

        Burger in bun   Kebab

        Chicken and chips   Ethnic take-away

        Pizza delivery/take-away   Sandwich

        Cinema popcorn   Crisps

        Tea   Coffee latte

        Soft drink

    Beer On Sales

        Draught bitter   Draught lager

        Draught stout   Draught/bottled cider

        Bottled lager

    Wines and Spirits On Sales

        Whisky Vodka

        Gin   Wine

        Mixer   Liqueurs

    Soft Drinks

        Fizzy drinks   Fruit juice

        Bottled mineral water

    Catering

        Cost of catering for a function   On board catering

    11.1.2 Canteens

        Staff restaurant main course   Staff restaurant hot snack

        School meals

11.2 Accommodation Services

        Youth Hostel Association   Halls of residence

        Other accommodation services

12.1 Personal Care

    12.1.1 Hairdressing and Personal Grooming Establishments

        Hairdressing fees   Basic manicure

        Slimming club fees

    12.1.2/3 Appliances and Products for Personal Care

        Electrical hair straighteners/tongs   Electric razor

        Electric toothbrush   Toothbrush

        Toilet roll   Tissues

        Disposable nappies   Baby wipes

        Sanitary towels Self-tanning products

        Hand hygiene gel

        Various cosmetics - face cream, perfume, mascara, liquid foundation, lip gloss, nail varnish, body moisturising lotion

Toiletries - toothpaste, mouthwash, deodorant, shower gel, shampoo, hair gel, permanent hair colourant, hair conditioner, razor cartridge blades, sunscreen cream/lotion, liquid soap

12.3 Personal Effects (not elsewhere covered)
12.3.1 Jewellery, Clocks and Watches
Watch   Watch battery replacement

Various items of personal jewellery - solid gold ring, diamond solitaire ring, sterling silver earrings, fashion earrings, fashion necklace

12.3.2 Other Personal Effects
Umbrella   Handbag

Luggage - trolley case   Picture/photo frame

Push chair   Child's car seat

12.4 Social Protection
Residential home fees   In home care assistants' fees

Local authority supported residents in retirement homes

Childminder fees   Nursery fees

Playgroup fees

12.5 Insurance
12.5.2 House Contents Insurance
Home contents insurance premiums   Household services maintenance policy

12.5.3 Health Insurance
Dental insurance   Pet insurance

Subscriptions to private medical plans

12.5.4 Transport Insurance
Vehicle insurance   Holiday insurance

12.6 Financial Services (not elsewhere covered)
12.6.2 Other Financial Services (not elsewhere covered)
Mortgage arrangement fees   Various bank charges – eg for bankers draft

Money transfer fees   Credit card fees

Unit trust fees and commissions Stockbrokers' fees

12.7 Other Services (not elsewhere covered)
Charges for advertisements in newspapers   Solicitors' fees - including will drafting fee

Fee for birth and death certificates   Marriage licences

Passport fees   Cost of basic funeral/cremation

Home delivery charges   Dating agency fees

Surveyors' fee for house valuation

Trade union and professional organisation subscriptions

Issues with CPI

There are many choices being made in how the CPI is framed - groups of people - which items are selected and how much weight they are given.

No matter how detailed and complicated the maths, formulas, statistics, measurements and special notes are - it is an estimate at best and heavily framed - biased - by those designing it at the time. It is also an average in every sense of the word - across time, products, prices, people, place, etc.

In Australia's index things like *Holidays* and *Take Away and Restaurant Food* are given high weights - where as in other countries there will be different weights and measurements.

Usually only a **headline number** like **2.3% increase** is mentioned and the policy makers then determine what made up the increase in the **basket of goods** - on average. It is **very complicated** and **the tendency is to expect to use the headline figure** - all the averages across all the weighted items - as the decision process. For example if food price increases were the main reason for an increase in a HOUSEHOLD expenditure - obviously different size households - would have different issues. A household of 1 person experiences a different change to a household of 12 people.

The CPI is used in comparison to the Wage Price Index - another set of assumptions and averages - as an argument to automatically increase set wages for people in work.
https://www.abs.gov.au/statistics/economy/price-indexes-and-inflation/wage-price-index-australia/latest-release

CPI is also used by the ATO for tax rate deductions and formulas, asset write-off, Reserve bank for decisions https://www.rba.gov.au/education/resources/explainers/inflation-and-its-measurement.html , private firms for wage negotiations, superannuation organizations for various decisions and private enterprises generally for forecasting and decisions (Banks, etc).

We also get the problem of giving a WAGE INCREASE of 2.3% to someone on a low wage - to *compensate* (A kind of socialism idea) for food price rises - for example - which gives a completely different outcome on someone on high wages to compensate for food prices. 2% on $200,000 for the cost of food increase is $1000 dollars more (twice as much) than someone on $100,000 - yet is the person on the higher wage going to eat twice as much Food each year? Things go down in price as well - how does that work?

The RBA used a "Trimmed Mean" approach - using the CPI average by limiting the wage ranges from the bottom and top.

Various concepts are used like "lead" and "lag" - the timing of when things come into play - for example a household with young children maybe expect increases in deduction as their children get older. Young households renting may be looking at buying a house some day.

Many political decisions are now made on detailed data analysis on dogmatically entrenched models and systems every bit as flawed as the "Diet of Worms", "Papal Bulls" and the religious zealots and "experts in divinity" of the last few thousand years.

A variety of techniques can be used in economics to rearrange the wealth and money supply. Inflation is a major issue and this is strongly linked to employment - the general idea in society is that

people generally work and are paid a wage or are paid for the items that produce. See https://files.stlouisfed.org/files/htdocs/publications/review/75/05/Hayek_May1975.pdf and **John Maynard Keynes** https://en.wikipedia.org/wiki/The_General_Theory_of_Employment,_Interest_and_Money https://gutenberg.net.au/ebooks03/0300071h/0-index.html - which explores the idea of workers as "economic units" in a mathematical sense. See **Probability** https://en.wikipedia.org/wiki/A_Treatise_on_Probability https://www.gutenberg.org/files/32625/32625-pdf.pdf and **Emanuel Czuber** https://mathshistory.st-andrews.ac.uk/Biographies/Czuber/

F A Hayek/Friedrich August von Hayek - Lifespan[1899 to 1992] Rank(1) Keyword(Philosophy Economics Humanism),Wikidata(Q1325) http://hayekcenter.org/?page_id=9 https://www.fraserinstitute.org/sites/default/files/essential-hayek.pdf https://plato.stanford.edu/entries/friedrich-hayek/index.html

One method to vary the current use of the CPI would be to look at the effects on prices in the average wage and then calculate a fixed sum amount to be applied for everyone. This would have the effect of raising the percentage wage increases for lower wage groups and result in lower percentage increase for high wages. $1000 dollars is a 0.2% increase for someone who earns $500,000 but a 1% increase for someone earning $100,000. Another technique is to use small percentages in combination - some groups get a percentage, some the lump sum and some get both. For example of we have the concept of "Minimum wage" then why not have a concept of "Maximum wage" after which no increases apply?

Lower groups could get percentage and lump sum, higher middle groups only lump sum and those above maximum wage - no increase.

The social contract (see **Jean-Jacques Rousseau** https://en.wikipedia.org/wiki/The_Social_Contract) could not only include Taxation and government but also limited "pay rises" to keep inflation under control and provide government support at the lower end **to encourage individual choice and change**.

(I assert and can debate) There needs to be some incentives for improving levels of employment or "productivity" and changing choices in spending based on the relationships of earnings and expenditure and the risk of a standard %percentage increase across the board is it provides no incentives for change of choices.

See *The General Theory of Employment, Interest and Money By John Maynard Keynes Chapter 19 CHANGES IN MONEY-WAGES* https://gutenberg.net.au/ebooks03/0300071h/chap19.html

Probability and Apriori

If we explore **John Maynard Keynes'** examination of Probability https://en.wikipedia.org/wiki/A_Treatise_on_Probability https://www.gutenberg.org/files/32625/32625-pdf.pdf we can see the problem of definition. We already know that most people struggle with these concepts and maths in general and the Monty Hall discussion (see my previous articles) is complex and difficult to understand.

"In the great majority of cases the term "probable" seems to be used consistently by different persons to describe the same concept. Differences of opinion have not been due, I think, to a radical ambiguity of language. In any case a desire to reduce the indefinables of logic can easily be carried too far. Even if a definition is discoverable in the end, there is no harm in postponing it until our enquiry into the object of definition is far advanced. In the case of "probability" the object before the mind is so familiar that the danger of misdescribing its qualities through lack of a definition is less than if it were a highly abstract entity far removed from the normal channels of thought."

Apriori and **Probability** are difficult to define.

What is the probability that the sun will rise tomorrow morning and how much is that based on the **prior knowledge** of the sun rising?

e.g. if the sun sets then it will probably rise.

Is it because we have prior knowledge that the sun rises every day that the probability has changed to be more certain or was that "probability" always there regardless of whether we observed it or had knowledge of it (Apriori). If everyone on Earth CHOOSES to shut their yes and stop observing the sun - will the sun rise or not?

Is that really what probability is or is probability about something else? Like coin throws and choice of action? Can we choose if the Sun Rises or is it Fate, Chaos, Chance or something else? See https://en.wikipedia.org/wiki/Abraham_de_Moivre

If everything is based on what happened before (Apriori) **then** fate has already been determined and there is no choice - it makes no difference. So choice, chance (chaos), probability, fate, apriori, cause and effect, action and reaction, If and Then - are all strongly related ideas. At the quantum level - probability becomes more obvious and things like "spooky action at a distance" complicate things as well.

Let us look at trees. They grow from a seed but each choice of each tree in its growth is different and depends on circumstance. Is the tree choosing (maybe based on its initial shape and DNA) or is it entirely due to environmental chaos? Does the tree have some basics rules that it uses that provides some "choice" but then when chance/chaos arises it *innovates a new choice*?

For example Chris Bowen - the Minister for Energy in Australia says publicly *"What we are doing is the right thing and people who disagree with me are wrong and they have always been wrong".* Is he flexible, responsive and adaptable to the reality of the world like a tree or as pig-ignorant as a rock? Would Chris Bowen be categorized as Flora, Fauna or something else altogether. A pig-ignorant narcissistic deluded tyrannical psychopath - for example - smuglifunts - like most of the Greens/Labour types - all hanging around in their own "rock" garden bouncing off each other saying how "right" they are and everything else in the world is "wrong" and has always been "wrong".

So the problem becomes one of definition - what do we think probability is and when does any "mathematical formula" apply? What is Chance and Choice? These things are difficult to understand and we tend to see the results using trial AND error combined with hypothesis - *premiss and conclusion*. Double blind medical tests for example.

"9. This chapter has served briefly to indicate, though not to define, the subject matter of the book. Its object has been to emphasise the existence of a logical relation between two sets of propositions in cases where it is not possible to argue demonstratively from one to the other. This is a contention of a most fundamental character. It is not entirely novel, but has seldom received due emphasis, is often overlooked, and sometimes denied. The view, that probability arises out of the existence of a specific relation between premiss and conclusion, depends for its acceptance upon a reflective judgment on the true character of the concept. It will be our object to discuss, under the title of Probability, the principal properties of this relation. First, however, we must digress in order to consider briefly what we mean by knowledge, rational belief, and argument."

He touches on relation, (the relation of things to each other), belief, rationality, logic, induction, truth and knowledge. This is an important exploration if you compare the questions why do people believe the sun will come up tomorrow and also believe that witches and magic exist? What is the difference in how these **certain** beliefs are made and maintained in people's minds?

He observes the difference of **Apriori** (prior knowledge) between direct **primary knowledge** and **secondary knowledge** (Rumour and gossip for example or Habitual groupthink)

*"Although it is with knowledge by argument that I shall be mainly concerned in this book there is one kind of direct knowledge, namely of secondary propositions, with which I cannot help but be involved. In the case of every argument, it is only directly that we can know the **secondary proposition** which makes the argument itself valid and rational. When we know something by argument this must be through direct acquaintance with some logical relation between the conclusion and the premiss. In all knowledge, therefore, there is some direct element; and logic can never be made purely mechanical. All it can do is so to arrange the reasoning that the logical relations, which have to be perceived directly, are made explicit and are of a simple kind."*

.. *"Of probability we can say no more than that it is a **lower degree of rational belief than certainty**; and we may say, if we like, that it **deals with degrees of certainty**.∗ Or we may make probability the more fundamental of the two and regard certainty as a special case of probability, as being, in fact, the maximum probability. Speaking somewhat loosely we may say that, if our premisses make the conclusion certain, then it follows from the premisses; and if they make it very probable, then it very nearly follows from them"*

…*" What is self-evident to me and what I really know, may be only a probable belief to you, or may form no part of your rational beliefs at all. And this may be true not only of such things as my existence, but of some logical axioms also. Some men—indeed it is obviously the case—may have a **greater power of logical intuition** than others"*

Also see **G E Moore's** theory of good **Principia Ethica** https://www.gutenberg.org/files/53430/53430-h/53430-h.htm and **Hastings Rashdall** (Ideal utilitarianism) **The Theory of Good and Evil** http://fair-use.org/hastings-rashdall/the-theory-of-good-and-evil/ and (as an aside) **The Universities Of Europe In The Middle Ages** https://archive.org/details/universitiesofeu03hast

Also see Moore's Paradox https://en.wikipedia.org/wiki/Moore%27s_paradox "It is raining, but I believe that it is not raining."

G E Moore makes the case about the aught (David Hume) being derived of two things - the ethics or goodness of it **AND** the probability of the suggested action have a desired effect. For example Andrew Barr has secretly changed the laws about drugs and drug taking in Canberra - why did he think that was "Good" idea? And what was the probability of the outcome he was expecting? What is his **premiss** and **conclusion**?

Also see **The Origin of the Knowledge of Right and Wrong by Franz Brentano**
https://www.gutenberg.org/ebooks/49228

Also see **Anything Asserted Must Therefore Possibly Exist** https://humanistman.com/wp-content/uploads/2023/08/Anything-Asserted-Must-Therefore-Possibly-Exist.pdf and

https://www.gutenberg.org/files/32625/32625-pdf.pdf CHAPTER IV **the principle of indifference**

Absolute. 'Sure, Sir, this is not very reasonable, to summon my affection for a lady I know nothing of.'

Sir Anthony. 'I am sure, Sir, 'tis more unreasonable in you to object to a lady you know nothing of. *https://en.wikipedia.org/wiki/Principle_of_indifference*

The idea of **asserted things being equally probable** - and therefore being treated with the **same indifference** is nonsense. It is also a nonsense to reduce this to a simple formula in mathematics. The idea that everything in the world can be reduced to mathematical formulas - *if only we did more experiments and had more knowledge* - is the trap for any **dogma of so-called "experts"** in any field of study - medicine, maths, science, astronomy, government, social engineering, economics, politics, etc. We know this because things like the central limit theorem idea and **Werner Heisenberg** uncertainty principle https://en.wikipedia.org/wiki/Uncertainty_principle

Religion - *if only we could torture, bully, threaten and kill more people we would get proof that the devil and witches exist and that we are "Good" and "Right" - Build me a better torture Rack. Declare more Sins in the next Papal Bull"*

Carl Sagan was a scientist who had a compelling manner, a deep and hypnotic voice and he spoke as if he was "right" and that he knew what he was talking about. He had skills in Rhetoric. https://en.wikipedia.org/wiki/Carl_Sagan He happened to attend the same **University of Chicago** where many great thinkers and hard working scientists and researchers - including those people who were working on **The Great Books of The Western World** for the **Encyclopeadia Britannica**. https://en.wikipedia.org/wiki/Great_Books_of_the_Western_World influenced by **Robert Maynard Hutchins** https://en.wikipedia.org/wiki/Robert_Maynard_Hutchins

 "Describing his parents' influence on his later thinking, Sagan said: "My parents were not scientists. They knew almost nothing about science. But in introducing me simultaneously to skepticism and to wonder, they taught me the two uneasily cohabiting modes of thought that are central to the scientific method."

Carl was **celebrated and awarded as a critical thinker** and **sufficiently "skeptical"** - i.e. that he thought something then he had be sufficiently Skeptical so therefore anything he asserted must be "Valid" or "True". He wrote books on skepticism and critical thinking and the scientific method - . https://en.wikipedia.org/wiki/The_Demon-Haunted_World **Premiss** and **Conclusion**. The unprovable

Invisible Dragon which asserted as belief. *"Sagan concludes by asking: "Now what's the difference between an invisible, incorporeal, floating dragon who spits heatless fire and no dragon at all? If there's no way to disprove my contention, no conceivable experiment that would count against it, **what does it mean to say that my dragon exists?** Your inability to **invalidate my hypothesis** is not at all the same thing as **proving it true**."* https://archive.org/details/B-001-001-709

Sagan suggests employing such tools as independent confirmation of facts, debate, development of different hypotheses, quantification, the use of Occam's razor, and the possibility of falsification. Sagan's "baloney detection kit" also provides tools for detecting "the most common fallacies of logic and rhetoric", such as argument from authority and statistics of small numbers. Through these tools, Sagan argues the benefits of a critical mind and the self-correcting nature of science can take place.

Sagan provides nine tools as the first part of this kit.

1. *There must be independent confirmation of the facts given when possible.*
2. *Encourage debate on the evidence from all points of view.*
3. *Realize that an **argument from authority** is not always reliable. Sagan supports this by telling us that 'authorities" have made mistakes in the past and they will again in the future.*
4. ***Consider more than one hypothesis.** Sagan adds to this by telling us that we must think of the argument from all angles and think all the ways it can be explained or disproved. The hypothesis that then still hasn't been disproved has a much higher chance of being correct.*
5. *Try your best to not purely stick to a hypothesis that is your own and become biased. Sagan tells us to compare our own hypothesis with others to see if we can find reasons to reject our own hypothesis.*
6. ***Quantify.** Sagan tells us that if whatever we are trying to explain has numerical value or quantitative data related to it, then we'll be much more able to compete against other hypotheses.*
7. *If there is a chain of argument, every link in that chain must be correct.*
8. *The use of Occam's razor, which tells us to choose the hypothesis that is simpler and requires the least amount of assumptions.*
9. *Ask if a given **hypothesis can be falsified.** Sagan tells us that if a **hypothesis cannot be tested or falsified then it is** not worth considering.*

Sagan suggests that with the use of this "baloney detection kit" it is easier to critically think and find the truth.

Carl Sagan then also examined the logical fallacies including personal attack, ad-hominem and other techniques people use.

*"In **1947**, Sagan discovered the magazine Astounding Science Fiction, which introduced him to more hard science fiction speculations than those in Burroughs' novels.[21] That same year, a **mass hysteria developed about the possibility that extraterrestrial visitors had arrived in flying saucers**, and the young Sagan joined in the speculation that the flying "discs" people reported seeing in the sky might be alien spaceships"* The **War of the Worlds** radio show had happened 10 years before https://en.wikipedia.org/wiki/The_War_of_the_Worlds_(1938_radio_drama) declaring Martians were invading earth (which many people believed as "true")

He **asserted that he understood probability** and had reduced to a mathematical formula where you could plug in estimates of certain numbers and you would get some outcome which had some meaning. He shared his beliefs in a movie *"Who's out there"* https://commons.wikimedia.org/wiki/File:Who%27s_Out_There_(1973).ogv *"Useful for people to know that there are 1 million civilizations "out there" that are immensely more intelligent than us"*

The premise being that if organic molecules exist in space (some signatures have been detected in the solar system) then there is a mathematical probably of the existence of alien life. They then put numbers into a formula to say *Alien Life* has a probability - adding probabilities and multiplying things everywhere. 1 in every few thousand stars would have a "civilization" - even "better and more advanced" than us - all of these scientists then declared - probability then became a "DISTINCT POSSIBILITY" - because all the numbers were so large. *"Tens of Billions of Civilizations"* in the universe

So the **Hysteria of belief** was then based on **groupthink** "experts" (**arguing from authority** of maths, science and knowledge) who talked about the science "Special **Advanced** Maths and Technology" and the meaning of "Probability". They asserted that they understood probability and complexity. Their "Evidence" was basically large numbers and probability scattered with a few isolated poorly linked information. If the numbers are large enough then **ANYTHING CAN BE ASSERTED AS A *"DISTINCT POSSIBILITY".***

Will these civilizations have the Eiffel tower - Dr Professor Carl?? Yes, they will have thousands of Towers - even more "advanced" and "Progressive" and "Better" than ours.

How can Carl's Hypothesis be falsified?

By searching all the stars in the universe - leaving no stone unturned - doing "whatever it takes"?

Carl failed his own skepticism test and failed to not only detect his boloney but subject it to rigorous critical debate.

Same and Other

The identification of groups for which measures - statistics - will apply - is hinged upon quite a deep philosophical and social construct. I call it "grouping", which can manifest into habitual groupthink and the division of societies into tribal structures which tend to tribal warfare, binary interactions and constant warfare. This was noticeable throughout history as each culture, tribe and city-state interacted - Athens-Sparta, Religious groups, Germanic Tribes, Mongols-Other. When people interacted as individuals as merchants, travelers, educators, intellects, artists, writers - this tended to break down the habitual groupthink. Even on the medieval battlefield and the wars between 1200 to 1500 - there emerges the idea of a military leader who is either admired or detested (and everything in between) and the consequential decisions which follow. In Roman times and earlier - a leader of a Tribe (an **individual**) who was approaching or interacting with other kings and leaders had a huge role to play in setting the standard for some kind of "fair play" or decent human interaction which resulted in some kind of mutual benefit and sustainability (https://en.wikipedia.org/wiki/Eukaryote Eukaryote - Dan Dennett and https://as.tufts.edu/philosophy/people/faculty/daniel-dennett Darwin's Dangerous Idea) . See

https://humanistman.com/wp-content/uploads/2019/03/08-Humanism-Meta-Frames-Proportion.pdf

The **individual knights** on the battlefield who **behaved** with **valour and dignity** were recognized. If people surrendered - then they were more likely to be spared and ransomed off to fight the next battle - if they themselves had spared others and *behaved well* - even during the most bloody of battles. Many English and European Knights lived into their 60s and 70s and may have been captured many times. Young knights who were captured early on in their careers - were ransomed and exchanged because of their large family fortunes and then resumed fighting later in life having learned from the experience. The 100 Years war 1337 - 1453 is one example of long running tribal warfare. Vlad the Impaler https://en.wikipedia.org/wiki/Vlad_the_Impaler took his capture badly by the Ottomans - especially because of the way he was treated - and the murders of his Father and Brother and took his bloody revenge on everyone later.

Some knights were despised and hated and sought out - not because they were the "best fighter" or a strategic Risk - but because they were the most despised individual on the battlefield - usually because of their brutal "inhumanity" as an individual - not the group characteristics or flag colours.

For example, **Francis I of Lorraine, 2nd Duke of Guise, 1st Prince of Joinville, and 1st Duke of Aumale** https://en.wikipedia.org/wiki/Assassination_of_Francis,_Duke_of_Guise (*His sister, Mary of Guise, was the wife of James V of Scotland and mother of **Mary, Queen of Scots***) was assassinated in 1563 because of many things - including his massacre of innocent people at Vassy. **French Wars of Religion-Massacre of Vassy** - War[1562] (Lat/Long 48.499, 4.9494) https://en.wikipedia.org/wiki/Massacre_of_Vassy .

An Aside: https://en.wikipedia.org/wiki/Hasan-i_Sabbah Hassan-i Sabbah (Q315881) set up a tribe of Zealous Assassins for the Muslim cause around northern Iran. **Capture of Alamut Castle by Hasan i Sabbah/Nizari Ismaili state/Assassins - Event[1090 to 1273]** (Lat/Long 36.44506, 50.58592)

Treaties and agreements were documented after decisive battles and peace was sought by mutual agreement. The further apart these battles were - family feuds, dynastic wars, religious crusades, bloody mongol world supremacy and delusion (China, Russia, Khans, Muslims) - then the perception "fair play" changed dimensions. The more distant the *other* - the more mindless brutality of the tribal binary warfare and hence the more "shocking" brutal acts were considered by observers when conducted against one's own family or friends. Mongols, Religious fanatics, binary extremists and those who considered themselves to be "special" and different to the other humans tend to be driven by narcissistic self possession and sadistic brutality to other humans - **deluded psychopaths** (barbarians). We notice this with the Muslims but also the Americans in Guantanamo bay (supported by Australian politicians John Howard and Alexander Downer) - where brutal conditions, trial by torture (inquisition like) and lack of due process **becomes "justified"** in their **heroic deluded minds** as a kind of "ends justifies the means" mindsets that lord Action observed and we now observe in many people around us now - lead by politicians, women, ABC and black tribal types (binary causists and zealots).

Henry VIII of England was brutal to his own family as was Lucrezia Borgia - and this **was noticed and remembered** yet somehow the Mobs and Binary types **cheer on brutality to individual humans** who are **classed further away** as *"others"* (*outsiders* - not part of "Our" Group). There seems to be

human tendency to completely ignore the Human Condition in History. **What I Mean By That** - is that there is a tendency to blame individuals for evil and misdeads (Hitler, Henry the Eighth, Voldemort - e.g. everything is the fault of **certain** Evil White men (not Blacks, Women or Muslims)) while ignoring the **general tendency of ALL humans** (**regardless of identity or "Sameness"**) to exhibit the worst kinds of behaviours. https://en.wikipedia.org/wiki/John_Dalberg-Acton,_1st_Baron_Acton **John Dalberg-Acton, 1st Baron Acton** observed *"Power tends to corrupt, and absolute power corrupts absolutely. Great men are almost always bad men, even when they exercise influence and not authority, still more when you superadd the tendency or the certainty of corruption by authority. There is no worse **heresy** than that the office sanctifies the holder of it. That is the point at which the negation of Catholicism and the negation of Liberalism meet and keep high festival, and the end learns to justify the means. You would hang a man of no position like Ravaillac; but if what one hears is true, then Elizabeth asked the gaoler to murder Mary, and William III of England ordered his Scots minister to extirpate a clan. Here are the greatest names coupled with the greatest crimes; **you would spare those criminals, for some** mysterious reason**. I would hang them higher than Haman, for reasons of quite obvious justice, still more, still higher for the sake of historical science."* https://en.wikipedia.org/wiki/Mandell_Creighton **Mandell Creighton** had written a whole detailed history of the Church without recognizing the appalling "Evil" behaviour exhibited by those professing to have the greatest wisdom, insight and understanding of Good and Evil. Especially during the 1400s to 1600s with heretics, witch trials and religious wars and massacres - but also including muslims and other religious fanatics from the 700s onwards.

Encyclopaedia Britannica - Great Books Of The Western World - Volumes 1-54 - Syntopicon Chapter 82 (book 3) SAME AND OTHER page 665.
https://archive.org/details/encyclopaediabritannicagreatbooksofthewesternworld/Encyclop%C3%A6dia%20Britannica%20-%20Great%20Books%20of%20the%20Western%20World%2C%20Volume%203%20-%20The%20Great%20Ideas%20II/ *"THE problems of identity and diversity - of sameness and otherness, similarity and difference—occur at that level of philosophical thought which deals with being and with unity. Plotinus, for example, says that in addition to Being, Motion, and Rest, "we are obliged to posit the further two, Identity and Difference, so that we have in all five genera.*

In Aristotle's conception, terms like 'being,' 'one,' and 'same' have a greater universality than the terms he calls the highest genera, e.g., 'substance,' 'quantity,' 'quality,' 'relation,' and so forth. These latter represent categories or classes under which certain things fall and others do not. Not everything is a substance or a quantity, but in Aristotle's opinion there is nothing of which it cannot be said that it is a being in some sense, that it has some kind of unity, that it is identical with itself, and that, compared with anything else in the whole universe, it is in certain respects the same, in others different.
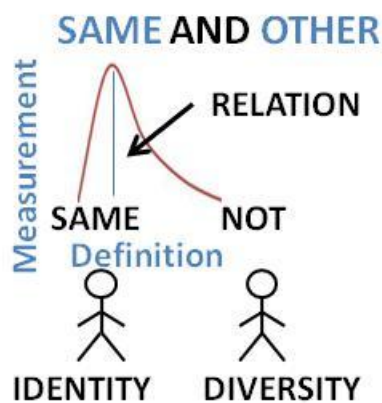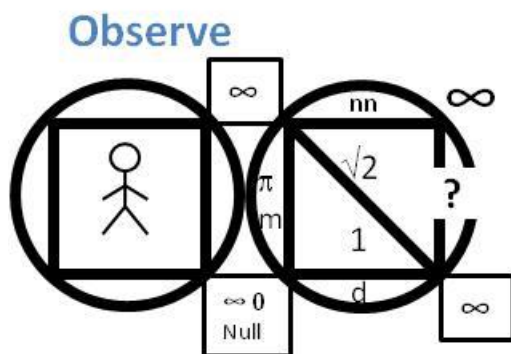
*The fundamental relation of quantities with one another, namely, equality, consists in their being the same. **The fundamental relation of qualities consists in their being alike, or the same in spite of some difference in degree or intensity**, e.g., a brighter and a darker red of the same hue. The notion of relation itself seems to be as fundamental as that of sameness, since in comparisons one thing is said to be the same or different only in relation to something else; yet it also seems to be true that relations can be the same or similar, for the essence of proportion or analogy lies in one thing's being*

related to a second as a third is to a fourth. The sameness of two relationships is the object of the comparison.

Such considerations are sometimes called "metaphysical" with an invidious tone. But no one, not even those who would eliminate metaphysical discussion as indulging in "vicious abstractions" or as verging on the meaningless, can easily avoid such notions as identity and diversity. It is not merely that ordinary speech, as well as scientific discourse, must use such words as "same" and "other" almost as frequently as the words "is" and "not" or "one" and "many." Those who are critical of theorizing and who want to save discourse itself from becoming "too metaphysical" are still obliged to give some account of what it means for things to be the same or different and of how we know when they are.

Semantics currently has vogue as a critical instrument for safeguarding discourse from ambiguity and nonsense and perhaps also for spotting metaphysical legerdemain. But semantics itself cannot go far in its own analysis of words and meanings without having to explain how the same word can have different meanings or how the same meaning can be expressed by different words. It does not seem likely that an adequate explanation could be developed without some theory of sameness and otherness.

I will explain my observations about this.

Also see **One** and **Many**, **Universal** and **Particular**, **Virtue** and **Vice** , **War** and **Peace** , **Good** and **Evil**, **Pleasure** and **Pain**, **Dialectic** , **Quality** , **Definition** , **Quantity** (Measurement)**, Relation, Temperance** in **Encyclopaedia Britannica - Great Books Of The Western World - Volumes 1-54** https://archive.org/details/encyclopaediabritannicagreatbooksofthewesternworld/Encyclop%C3%A6

dia%20Britannica%20-%20Great%20Books%20of%20the%20Western%20World%2C%20Volume%201%20-%20The%20Great%20Conversation/

Some binary extremists will use words like "We are united", "Reconciliation" (Blacks and other tribal dimwits) , "we are all the same" , "Equality of outcome", (Women (70% in the public service is even better - more "Inclusive") and Blacks and other Marxists) they are "**exactly identical**" - or "**they are both as bad as each other**" and then do hypocritical binary switch routines backwards and forwards while overlaying their GOOD/BAD binary moral overlay.
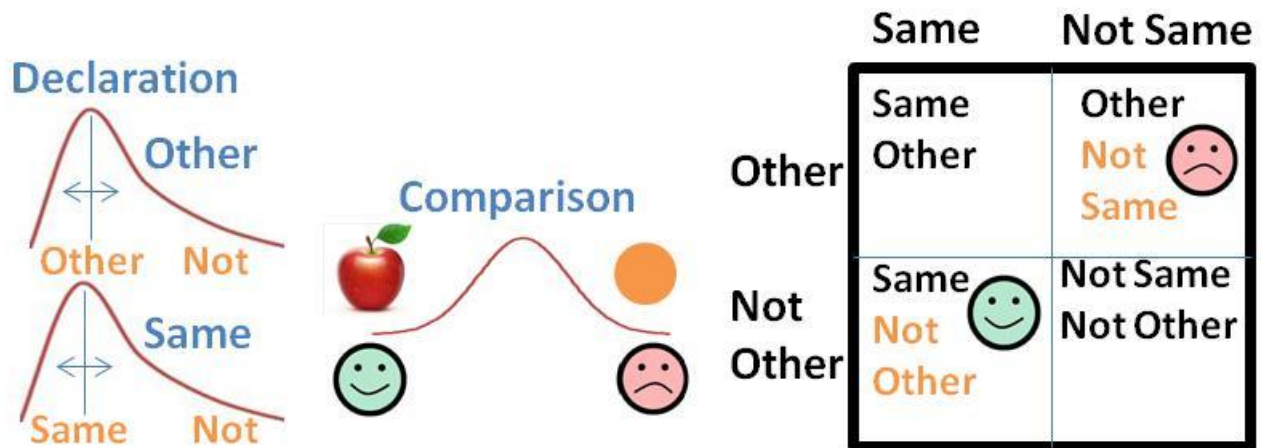
Temperance - modify your extremist tendencies to something in the middle of your extreme binary enthusiastic orgy of self-indulgent narcissistic corruption. Control your temper, stop **indulging your senses**, be more **prudent** in your behaviour, it is **something other than** simple binary "Pleasure or Pain" , "Virtue and Vice", "Happiness", avoid Religious binary certainty - use your mind.

Analysis of Encyclopaedia Britannica - Great Books of The Western World

Encyclopaedia Britannica - Great Books Of The Western World - Volumes 1-54

https://archive.org/details/encyclopaediabritannicagreatbooksofthewesternworld/Encyclop%C3%A6dia%20Britannica%20-%20Great%20Books%20of%20the%20Western%20World%2C%20Volume%201%20-%20The%20Great%20Conversation/

I downloaded the books - focusing on the books 2 and 3 - which contain the "great ideas" - all discussed and cross referenced with each other. I used the cross references to create links - like a network - where the ideas are the NODES and the links between them are the LINKS which I gave a weight of 1 to 9 to - 9 being the "strongest".

This is represented in an excel spreadsheet on my website - https://humanistman.com/wp-content/uploads/2023/09/Ideas.xlsx I used excel formulas and other manipulations in MSaccess to

produce flattened files of the network. i.e. 101 ideas cross referenced to each other equals 101 * 101 = 10,201 possible links in a matrix. Only 2,406 links were made (I added a couple of obvious ones as well) - meaning the matrix of possible links is around 23% of possible links exist. A relatively SPARSE matrix. Some simple analysis n MSACCESS using some queries shows the Idea (Chapter) on **Knowledge** was cross referenced with 53 ideas and strongly related (higher weights 1-9)

Main_Idea	SumOfStrength0-9	CountOfLinked_Idea
Knowledge	282	53
Mind	244	49
Science	235	34
Nature	231	49
State	228	41
Man	226	33
Time	214	32
Reasoning	200	38
Will	197	31
Relation	196	33
One and Many	187	39
Physics	185	26
Virtue and Vice	184	42
Opposition	184	34
Liberty	183	31
Principle	172	28

The least mentioned were:

Main_Idea	SumOfStrength0-9	CountOfLinked_Idea
Courage	58	12
World	58	11
Element	54	12
Honor	53	14
Fate	49	10
Angel	46	9

I formatted the data to it could feed into **Orange** https://orangedatamining.com/ which is a graphical package built around PYTHON program code.
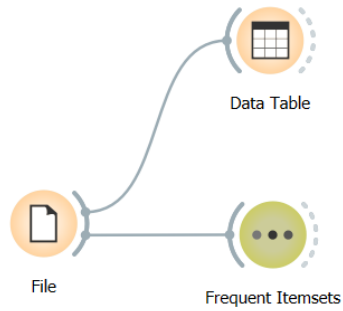
Running a **word cloud** over my input file of **links** https://humanistman.com/wp-content/uploads/2023/09/Encyclopaedia-Britannica-Great-Books-of-the-Western-World-Syntopicon-ORANGE-Links.csv (note: it only uses links not weights)

Gives the following output
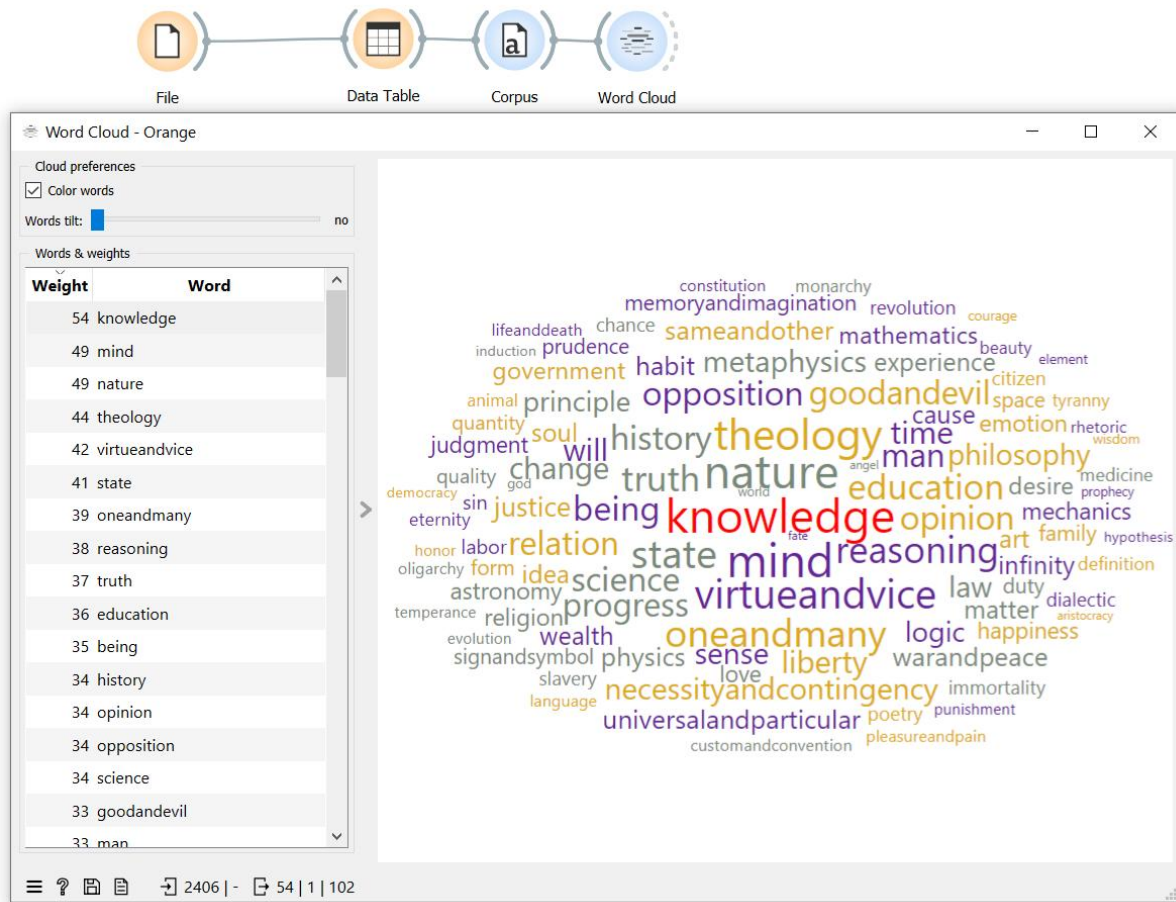
You can also load the **ideas** in to analyse as well https://humanistman.com/wp-content/uploads/2023/09/Encyclopaedia-Britannica-Great-Books-of-the-Western-World-Syntopicon-ORANGE-Ideas.csv

I also formatted the data for Orange Associations which uses the IBM **A-Priori Algorithm** https://en.wikipedia.org/wiki/Apriori_algorithm . My file https://humanistman.com/wp-content/uploads/2023/09/Encyclopaedia-Britannica-Great-Books-of-the-Western-World-Syntopicon-ORANGE-Links-TSV.BASKET.txt (ORANGE Basket format - remove the .txt after loading so orange can recognize it)

Itemsets	Support	%
∨ Knowledge	55	53.92
∨ God	35	34.31
Truth	25	24.51
∨ Mind	32	31.37
Truth	21	20.59
State	23	22.55
∨ Truth	36	35.29
Philosophy	21	20.59
Nature	23	22.55
Liberty	22	21.57
Man	25	24.51
∨ Will	25	24.51
God	21	20.59
Virtue and Vice	23	22.55
∨ Science	27	26.47
Philosophy	22	21.57
Memory and Imagination	24	23.53
∨ Reasoning	27	26.47
Truth	22	21.57
History	25	24.51
Philosophy	27	26.47
Sense	23	22.55

Note - the links data had many links with "god" in it but it was only a low weight of 3 or less. This analysis shows no accounting for the weights. I could have generated all the lines - like a basket analysis - a shopping list - a record of all the things shoppers buy on each visit - like - a record of all the ideas people talk about when they have conversations. So I could have generated all the entries related to knowledge each with their combinations progressively dropping off - the less frequent entries in the combinations. i.e. if God had a value of 1 in knowledge it would only appear in one combination of the conversations about knowledge.

But working out how to represent this combinational data is not straight forward. It takes some effort to choose how to do it. For example - when I look at the Links for Angel Idea and the links of ideas which refer to Angel I get:

Main_Idea	Linked_Idea	Strength0-9
Angel	**Immortality**	9
Angel	Good and Evil	8
Angel	Eternity	8
Angel	Sin	6

Angel	Punishment	6
Angel	Knowledge	3
Angel	Mind	2
Angel	Soul	2
Angel	Being	2
Astronomy	**Angel**	4
Eternity	**Angel**	5
God	**Angel**	9
Idea	**Angel**	1
Immortality	**Angel**	1
Knowledge	**Angel**	1
Man	**Angel**	6
Matter	**Angel**	2
Mind	**Angel**	1
Sin	**Angel**	6
Soul	**Angel**	8
Space	**Angel**	4
Theology	**Angel**	6

Which can be interpreted as *"Whenever I have a conversation about **Angel**, I always talk about Immortality and I only talk about Good and Evil 8 out of 9 times"*

*"A**ngel** only comes up in a conversation about Immortality 1 out of 9 times."*

If I **Start** with Angel I get to Immortality. Source to Target. A directed graph.

It is then tempting (because it is less work - in a **Fat, Dumb and Lazy** way) to represent the combinations in a partially expanded way. e.g. A Maximum of 9 Rows for Angel Idea.

Angel	Immortality	Good and Evil	Eternity					
Angel	Immortality	Good and Evil	Eternity					
Angel	Immortality	Good and Evil	Eternity	Punishment	Sin			
Angel	Immortality	Good and Evil	Eternity	Punishment	Sin			
Angel	Immortality	Good and Evil	Eternity	Punishment	Sin			
Angel	Immortality	Good and Evil	Eternity	Punishment	Sin	Knowledge		
Angel	Immortality	Good and Evil	Eternity	Punishment	Sin	Knowledge	Being	Soul
Angel	Immortality	Good and Evil	Eternity	Punishment	Sin	Knowledge	Being	Soul	Mind

But we can see from above in the reverse links that when we have conversation about Immortality we talk about **Angel** 1 out of 9 times. - But when we talk about **Angel** we always (9/9) talk about Immortality. So we can see that it's a little more complicated than that. So all of these possible combinations become things like *"When I talk about Angel I sometimes talk about Sin (6/9) - But do I include conversations about Soul (2/9) and how often?"- "Conversations about **Being** and **Soul** take place about (2/9) times when talking about Angel but where else are conversations about **Being** and **Soul** conducted? - What conversations include **Being** without including **Soul**? (and the other way around)"*

So in terms of the data - when I make one link **Angel to Soul** and then a second Link **Angel to Being** then I have **automatically implied** a link between **Being and Soul** belonging to **Angel.** Each time I add a new link to Angel I am automatically implying a **link to all other things previously linked to Angel**. e.g. The Human Brain is a NEURAL network

2 to the power N gets very big, very quickly.

So even with 101 ideas - which you might think is simply a matrix of 101 * 101 - it is already more complicated than that when you put in the combinations i.e. 2 to the power 101 is a number with about 30 zeros following the first digit. (More than stars in the universe) Then when you add changes in strengths of relationships across a sliding scale (instead of 1 to 9) it becomes much bigger.

I really have to produce all of the pair relationships as links and then build up to combinations of 3, 4, 5 etc - this essentially is the problem which basket analysis tries to address. These numbers of paired links become very large - it is not simply a sum of the weights for a topic but a MULTIPLICATION of all the weights - INCLUDING the Reverse links. This is a PRODUCT of all the weights - which **for the example Angel above** comes out to (about) 1,238,347,284,480 (more than a billion combinations) of the **links which I have coded** which is a far greater number than 9 ROWS OF DATA. **Most people have real difficulties in seeing this complication or understanding its meaning.**

The **small universe** idea is the idea that although the universe is very, very large with immense possible combinations - things tend to **coalesce** into relatively smaller combinations. This is related to the idea of the **Law of Large Numbers** https://en.wikipedia.org/wiki/Law_of_large_numbers , the **central limit theorem** https://en.wikipedia.org/wiki/Central_limit_theorem , Statistical "distance" calculations and Dark matter theories (95% of the universe is "dark").

Rakesh Agrawal , while working with IBM https://en.wikipedia.org/wiki/Rakesh_Agrawal_(computer_scientist) was one of the people who understood the complexity of basket analysis type activities and he developed a paper and software describing a technique for doing this type of work using the **Apriori Algorithm**. I was part a group who saw a presentation of **IBM's Data miner** when it came to Australia. Since then, many people have tried to improve on this process (basket analysis - navigating huge matrix and combination data to find meaning) https://dl.acm.org/doi/10.5555/645920.672836 **Fast Algorithms for Mining Association Rules in Large Databases**   Authors: **Rakesh Agrawal Ramakrishnan Srikant (September 1994)**

Since 1994 to 2023 (now) many organizations have spent huge resources doing data mining and data analysis on larger computer systems with more data to help make decisions about things - usually how to advertise and sell things to people so they can make more money. All Major shopping centers use data mining to place the most commonly bought items furthest away in the shop so the shopper has to travel the largest distance in the shop to find the Bread, Milk and Eggs. The shop is trying to maximize its profit and therefore you are required to travel the largest distance past all of the items to find the most common things you want to buy. Data Mining techniques are also applied to advertising and the internet - which is why Data Collection and Profiling - i.e. collecting as much personal data about you individually - is big business and worth so much money to people - to help improve their profits and treat you as an input to their profit decisions. You are being profiled and

"grouped" into a data set so they can maximize their profit by increasing the effort required by you to get what you want and the time and money you spend to get it. You are merely an input into the profiling and statistical manipulation tools.

Some people think that they know what intelligence is and that computer systems are "intelligent" in the same way that they think humans are intelligent.

Most people are too stupid to know how stupid they are and they also seem to need to invent a new "God" to save them from the human condition. Fat, Dumb and Lazy.

Determining MEANING from this kind of analysis is not at all intuitive or easy to do and requires a great deal of effort to understand what you are doing each step of the way.

Astronomy	Angel
Astronomy	Angel
Astronomy	Angel
Astronomy	Angel

| Angel	Immortality(9 times)
Angel	Good and Evil (9 times)
Angel	Sin (6 times)

After some effort in MSACCESS I produced a dataset ordered in descending frequency - left to right in each row of all the links. https://humanistman.com/wp-content/uploads/2023/09/LINKS_SUM.xlsx Most ideas are linked to fewer than 30 other ideas. This could be used to generate all the possible combinations (conversation "baskets")

I formatted the data for **PAJEK** http://mrvar.fdv.uni-lj.si/pajek/ which is very powerful network analyzer. It has a special format for a NET file which has the nodes at the top of the file followed by arcs (the links). I used my excel spreadsheet to generate the code.

PAJEK File (remove the .txt to make it .net) https://humanistman.com/wp-content/uploads/2023/09/Encyclopaedia-Britannica-Great-Books-of-the-Western-World-Syntopicon-PAJEK.NET_.txt
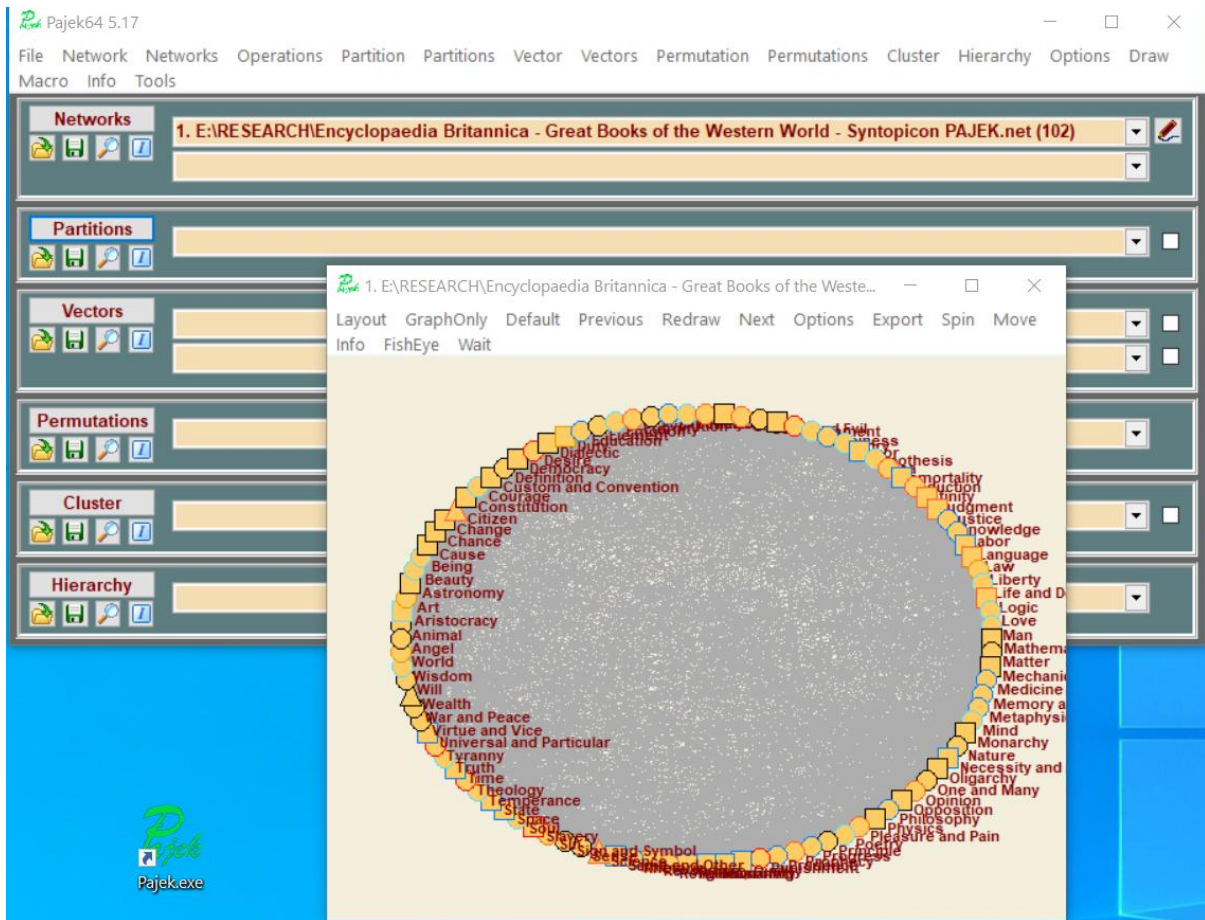
The SAME PAJEK.NET file can be read by **ORANG**E in its NETWORK programs. Notice how there has been an attempt to move things around using rules.
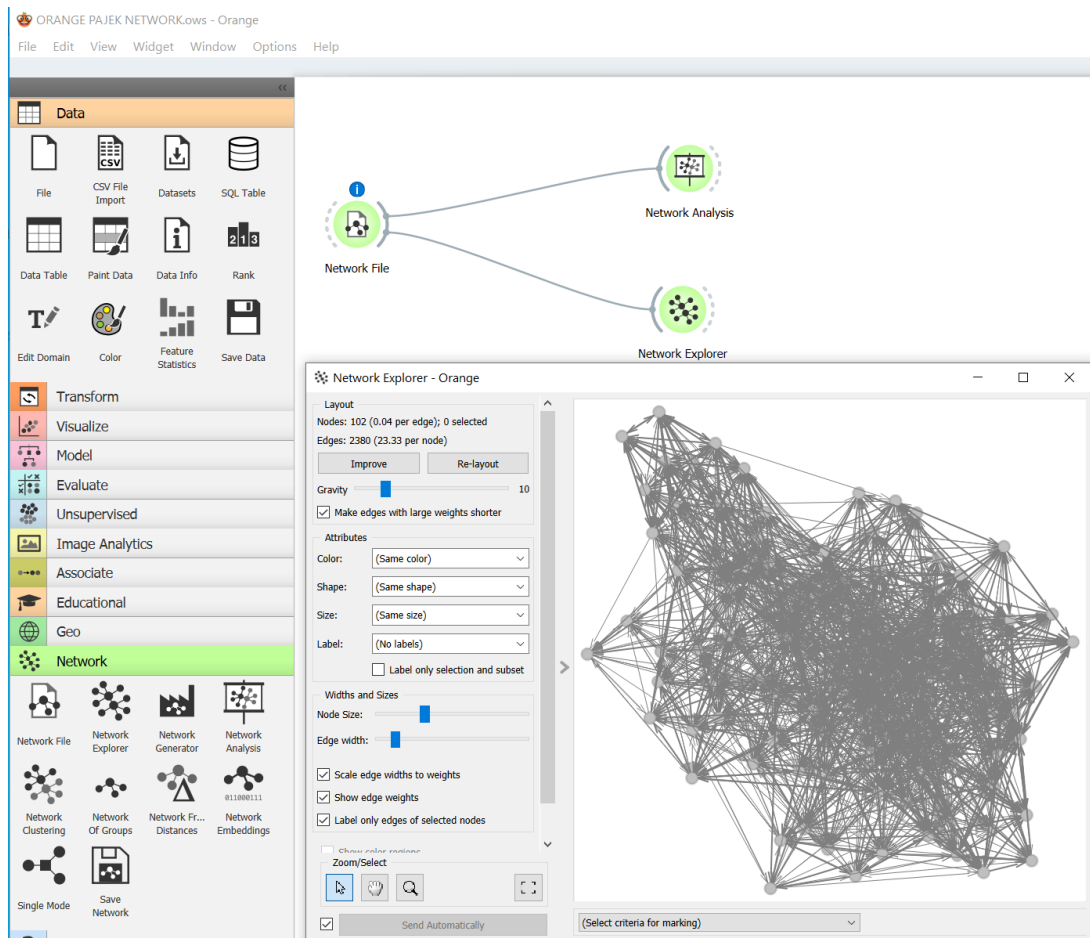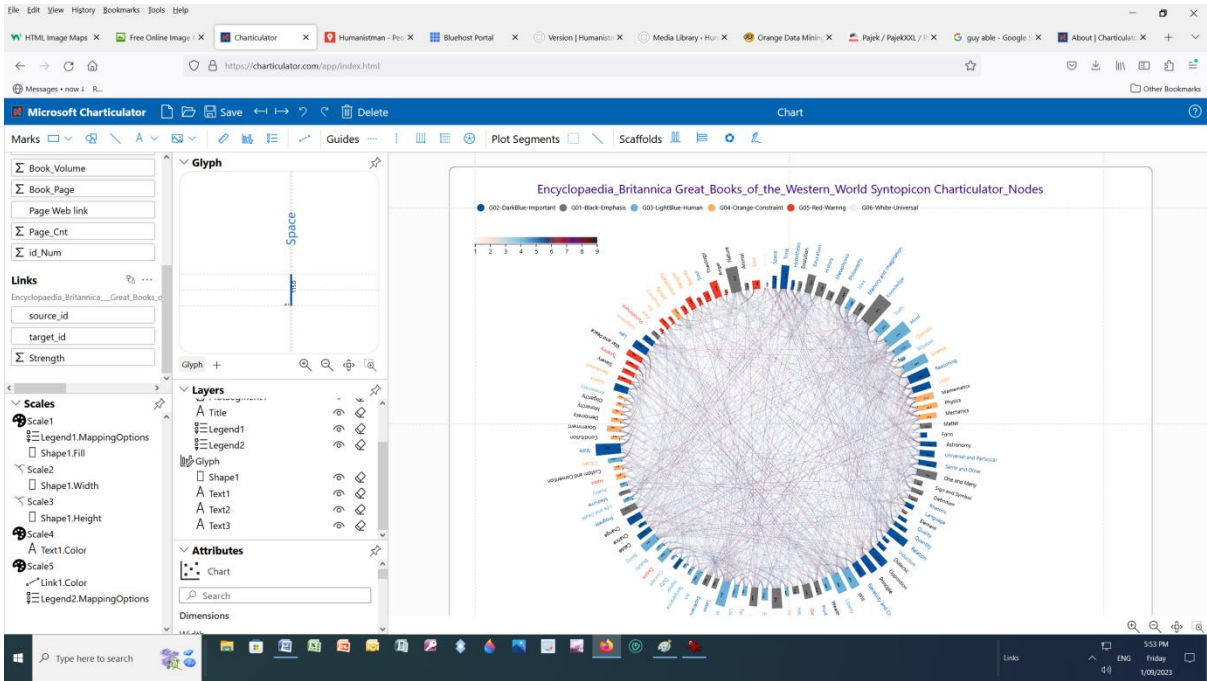
I also investigated Chord diagrams - which are supported in R and PYTHON. I first noticed **Guy Able** using these some years ago, https://guyabel.com/ especially country migration flows.

A neat looking program online called **Charticulator** https://charticulator.com/ from the **Microsoft Research** team looked interesting so I created datasets for that software as well. After some analysis I changed the sort order of the ideas into a kind of group sequence where strongest links had the shortest distance to travel on the circle (as best I could) and also arranged them in logical groupings.
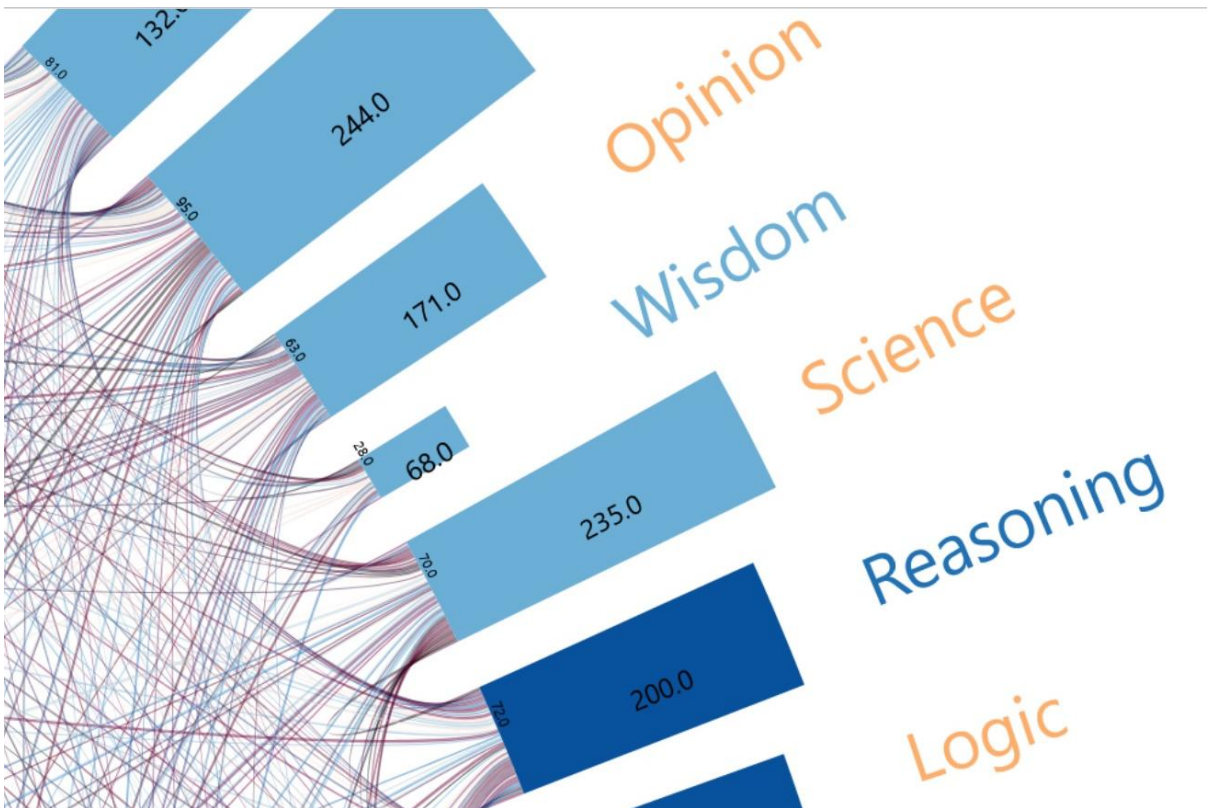
Node https://humanistman.com/wp-content/uploads/2023/09/Encyclopaedia-Britannica-Great-Books-of-the-Western-World-Syntopicon-Charticulator-Nodes.csv

Links https://humanistman.com/wp-content/uploads/2023/09/Encyclopaedia-Britannica-Great-Books-of-the-Western-World-Syntopicon-Charticulator-Links.csv

It is worth learning how to use this and play with the various options.

Part of the detail on the graph.


The width of each box is the Number of links. The Height of each box towards the outer part of the circle is the sum of the weights - strengths of the links. The colour of each box is according to my hand coded main colour scheme, the colouring of the Names of the ideas is the Secondary colour scheme and the colour of the lines is the strength from 9 to 1

The Consumer Price Index.docx
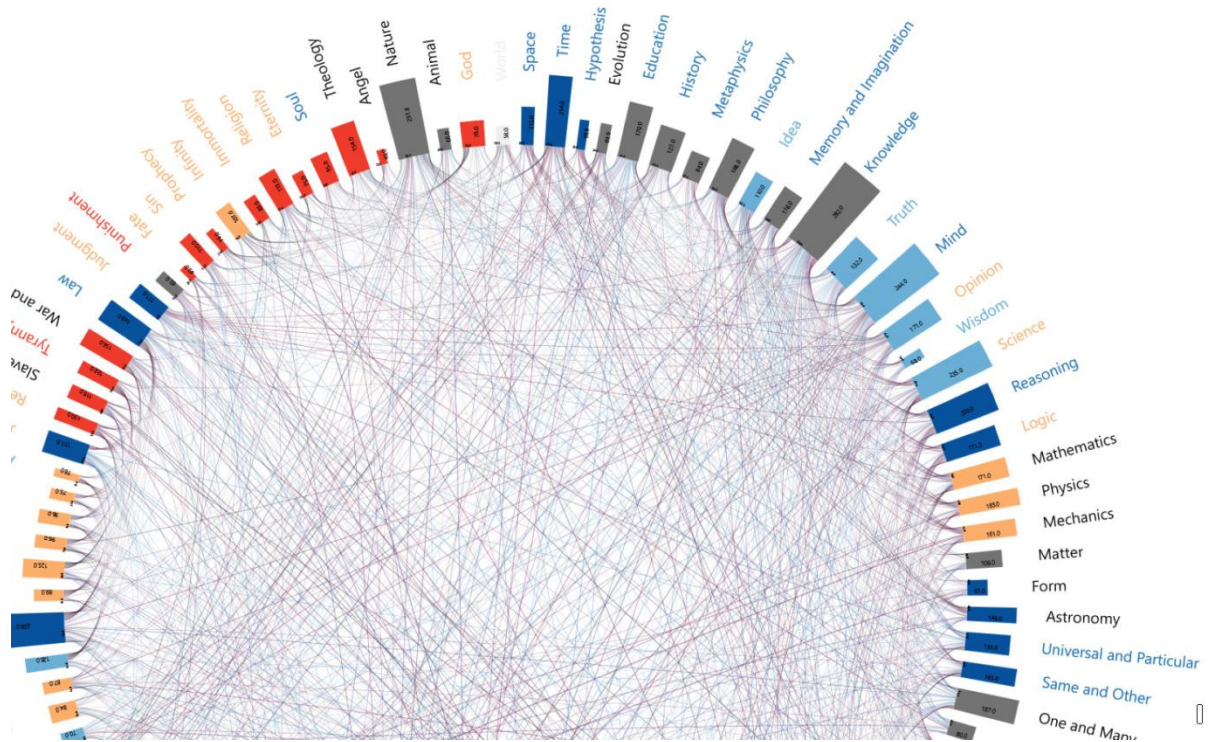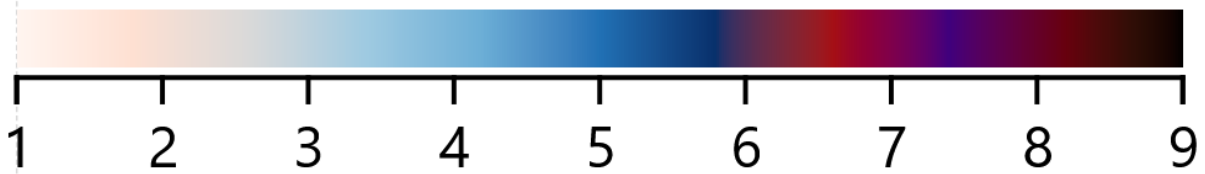
Explaining What Bias means

In a "its not so obvious" and "what am I missing" kind of way I need to **explain what bias means** using the ideas database. Let us assume that the list of ideas is accepted as the universe of general ideas - which cover the universe at a high level of abstraction and link to lower and lower concepts until all words are mentioned.

The linking software for Pajek , Orange and Apriori have the concept of links and relationships (undirected GRAPH) or directional information (Directed GRAPH).

The classic example is the BEER and NAPPIES story. This Relationship has a DIRECTION - it is a **directed GRAPH**.

It was found that when NAPPIES were bought that BEER was also bought **very often** (fathers going out at night in the last minute to get NAPPIES while mother was with baby at home). The Other direction where BEER is bought and Nappies were then bought is quite a LOW relationship in that direction.

The frequency may well be seen in whole numbers of sales but **can also be stated a**s a kind **relative percentage**. i.e. 70% of the time nappies were bought BEER was also bought. 5% of the time BEER was bought NAPPIES were also bought.

The problem is then about how you represent that as a fully described statement of data.

So in my example of ideas the links are explained as a **directed graph**. When you start off investigating or talking about ANGEL, you end up talking about IMMORTALITY every time and SOUL 2 out of 9 times. But the problem with the data formats is that we missing the initial starting point. The initial starting point is ANGEL and the so on all through all the ideas as a Chapter - each one is the initial node. So the Initial Node (the first node chosen) is always the main focus (in an unbiased analysis way)

So the data should be represented with the **both** the weight of the first idea and the weight of the second ideas being linked. Source to Target. BECAUSE the SOURCE IDEAS represent the UNIVERSAL SET. i.e. **Making the universal set the SAME WEIGHTS is UNBIASED**. This allows debate.

Main_Idea	Strength0-9	Linked_Idea	Strength0-9
Angel	9	Immortality	9
Angel	9	Good and Evil	8
Angel	9	Eternity	8
Angel	9	Sin	6
Angel	9	Punishment	6
Angel	9	Knowledge	3
Angel	9	Mind	2
Angel	9	Soul	2
Angel	9	Being	2
Astronomy	9	Angel	4
Eternity	9	Angel	5
God	9	Angel	9
Idea	9	Angel	1
Immortality	9	Angel	1

Knowledge	9	Angel	1
Man	9	Angel	6
Matter	9	Angel	2
Mind	9	Angel	1
Sin	9	Angel	6
Soul	9	Angel	8
Space	9	Angel	4
Theology	9	Angel	6

An important thing to Note is that **EVERY TIME IN THE DISCUSSION** **path** that you reach the **Angel** node - in the **path of your discussion** - the POPE will step up and start to pontificate and try to take over the debate. WE ALREADY KNOW he rates ANGEL as 9 - but HE KEEPS WANTING TO REPEAT HIMSELF. (I repeat myself too). We see this technique with Women, Blacks and other tribal types who signal virtue or special knowledge, power or entitlement - the **entitled victim narrative** is especially persistent - Religious Zealot tribal types - Jews, Women, Blacks, etc. Also "Crusaders", "Heroes", Scientists, "Experts", "Kings", "Visionaries", Corrupt, etc - they try to shut down the exploration and debate of ideas to maintain their power, wealth and control or because the binary zealots are too pig-ignorant to understand anything much at all. 70% of the population cannot explore a debate.
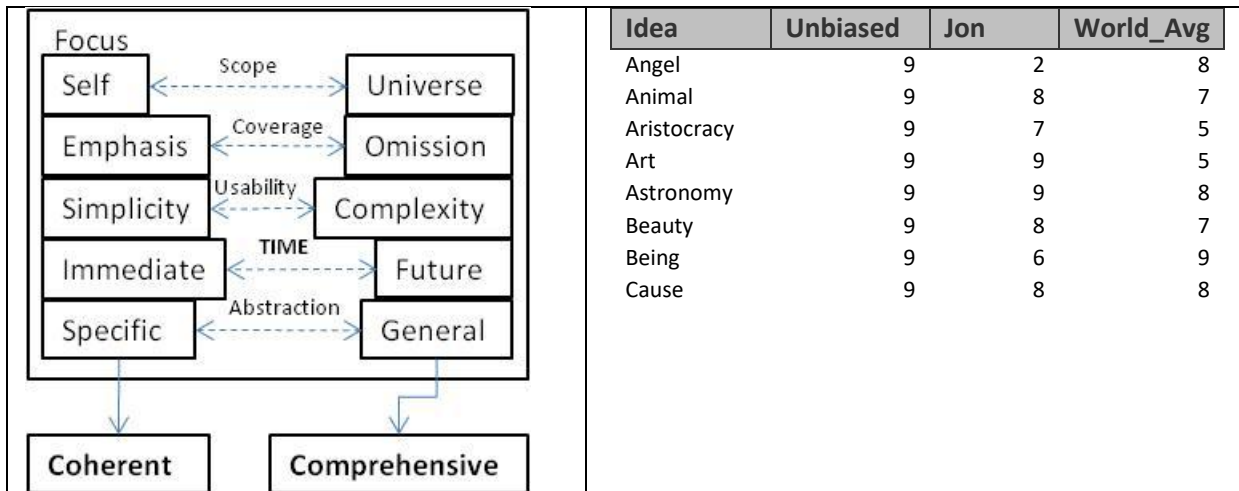
In every case of the **directed graph** (we all have to start somewhere) the SOURCE_ID is given the maximum weight and the TARGET_ID is given a weight between the Maximum_Weight (9) and the Minimum_Weight (1)

So you can see in the **various computer network format styles** that the implied Weight of the Starting idea/Source idea is generally omitted. I my example I am being quite EXPLICIT in making it 9 (the Maximum) - equally with all the other Source_Ids (i.e. the list of 101 ideas). Other systems try to implement this data by making a dummy term of ANGEL linked to ANGEL has weight 9 but this is not a consistent format or obviously understood. It may work better with things like stock numbers for example where today you have 10,000 **Angels** and 7 Sins. Angel, Angel, 10,000. Sin,Sin, 7. Tomorrow your stock numbers will be different. At this point we get into logistics, supply management, impact analysis, What-if scenarios and other related issues and techniques.

But in my format I am already thinking in relative percentage terms as represented by the numbers 1 to 9 - as a **general conceptual framework** rather than for a specific detailed task.

But when we talk to people we need to realize that every person will weight their starting ideas more or less strongly than someone else. *"I care more about this than about that"*. If you presented a list of 101 ideas to people to rate the ideas by themselves - relative to each other idea in the set - **a full set** - from 1 to 9 - there will be many different answers - depending on their own BIAS their own choices. Opinion surveys use this technique of declaring the universe the getting to respond to the declared constrained set. Constraining the universal set of general ideas **(lets all agree to remove - in a"democratic way" the idea of Angel from all future debate)** is ANOTHER WAY of Biasing the debate of ideas. "*We have already excluded the idea that White men are entitled to fair trial*" - "Cancel Culture", "Heresy", "Blasphemy", **Penny Wong "I have already apologized" (time to move on) "Heretical Ideas" are removed from the debate using the "Good Book"**

See my Focus Model for how people change their focus during a debate. See Corruption – Extremists https://humanistman.com/wp-content/uploads/2020/01/Corruption-Extremists-Feedback.pdf and the idea of emphasizing some things and omitting others and moving the focus around while exploring ideas. Binary Zealots, Feminists and tribal types (Women, Blacks, Religious fanatics) tend to switch things around deliberately or are unaware of their biases and corruption.

Idea	Unbiased	Jon	World_Avg
Angel	9	2	8
Animal	9	8	7
Aristocracy	9	7	5
Art	9	9	5
Astronomy	9	9	8
Beauty	9	8	7
Being	9	6	9
Cause	9	8	8

So when we investigate topics and have discussions and debates about ideas - everyone tends to have their own list of ideas all with their own starting weights. For example Marxists will always weight "**Justice**" as 9 and "**Wealth**" as 1. Kings will rate "**Aristocracy**" as 9 and Scientists and Accountants will weight "**Mathematics**" as 9. Etc. So while the general SCHEMAS at the highest level of abstraction may have the words agreed on, as a general highly abstracted NODE, the weights are all different - the schemas are differently weighted. Also - by using the focus model - some people will have more detailed words that hang below the high level concept - that are more numerous and more developed.
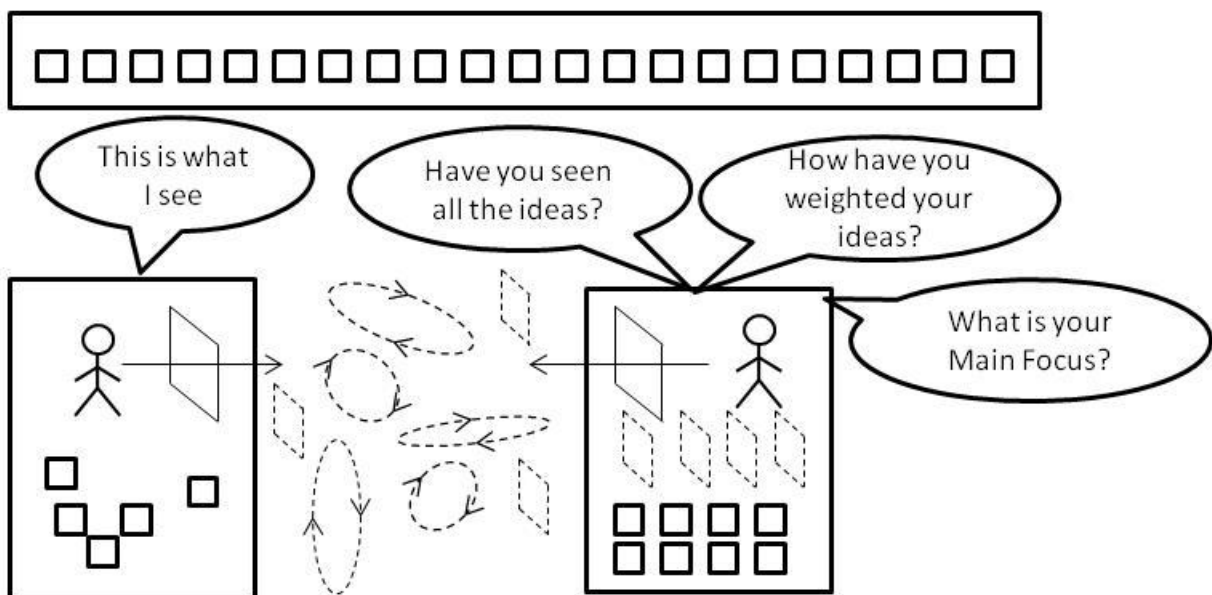
So some ideas are more developed than others - we might understand that an Idea exists - like "Animal" - the idea of "Animal" but not only will everyone weight that idea differently - some will develop greater detailed understandings of the idea based in their preferences, biases, education and experience. They will tend to call this their "knowledge".
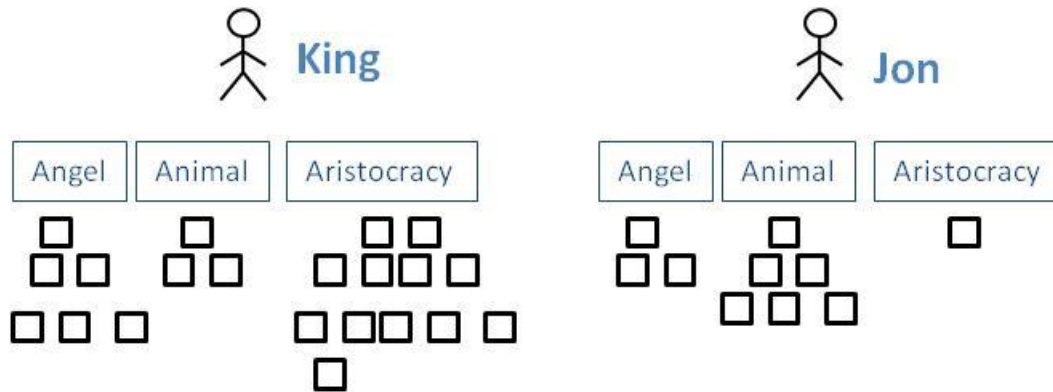
There is a danger here that someone with a different depth of knowledge of words and ideas will think themselves *intellectually superior* to someone else who has different knowledge and skills.

See **On The Disadvantage Of Intellectual Superiority Essay 29 from 'Table Talk' by William Hazlitt (1824)** https://www.ourcivilisation.com/smartboard/shop/hazlittw/superior.htm

The collected works of William Hazlitt by Hazlitt, William, 1778-1830; Waller, A. R. (Alfred Rayney), 1867-1922; Glover, Arnold, 1865-1905; Henley, William Ernest, 1849-1903 https://archive.org/details/cu31924064977097/page/n15/mode/2up

ADVICE TO A PATRIOT; IN A LETTER ADDRESSED TO A MEMBER OF THE OLD OPPOSITION

Sir, If the opposition of character between the individuals of different nations is that which attaches every one the most strongly to his own country ; if the love of liberty instilled from our very cradle is any security for the hatred of oppression ; if a spirit of independence, and a constitutional stubbornness of temper are not forward to crouch under the yoke of unjust ambition ; if to look up with heartfelt admiration to the great names, whether heroes or sages, which England has produced, and to be unwilling that the country which gave birth to Shakespear and Milton should ever be enslaved by a mean and servile foe ; if to love its glory — that virtue, that integrity, that genius, which have distinguished it from all others, and in which its true greatness consists, — is to love one's country, there are few persons who have a better right than myself (on the score of sincerity) to offer that kind of advice which is the subject of the following letter, however weak or defective it may be found.

*To love one's country is to wish well to it ; to prefer its interests to our own ; to oppose every measure inconsistent with its welfare ; and to be ready to sacrifice ease, health, and life itself in its defence. But there is a false kind of patriotism, loud and noisy, and ever ready to usurp that name from others, as an honourable covering either **for selfish designs or blind zeal,** to which I shall make no pretensions. It has been called patriotism, to flatter those in power at the expense of the people ; to sail with the stream ; to make a popular prejudice the stalking-horse of ambition, to mislead first and then betray ; to enrich yourself out of the public treasure ; to strengthen your influence by pursuing such measures as give to the richest members of the community an opportunity of becoming richer,*

and to laugh at the waste of blood and the general misery which they occasion ; to defend every act of a party, ……..”

Grouping Nodes

A sensible and useful coalescing of nodes is difficult thing to do. There is a large body of expertise in **network architecture and design** - we see with Transport, Roads, Rail, Logistics, Electricity supply, Canals, City design, Communications, etc. i.e. Co-locating things close together so they can interact more quickly and efficiently across multiple layers of interaction and complexity - the **opposite of what supermarkets do** when placing their products for sale in the store or other organizations do by making you *“go through all the Hoops”* (like a trained dog) or *“Leading you down the garden path”* (on a tour of everything they want you to buy), Web pages design, questionnaires, Grifters and Shysters in Tourist traps or bad trade markets.

For example - when **Dom Henrique of Portugal, Duke of Viseu/Prince Henry the Navigator** progressively brought together experience, grammar, logic, rhetoric, arithmetic, music, astronomy, sailors, explorers, astronomers, map-makers into one place (Sagres) https://en.wikipedia.org/wiki/Sagres_school and Lagos https://en.wikipedia.org/wiki/Lagos,_Portugal and later https://en.wikipedia.org/wiki/University_of_Coimbra (*he is regarded as the main initiator of what would be known as the Age of Discovery*) the interest, quality and quantity of ideas and innovations in sailing and exploration increased. This university type model was then repeated in many places - most notably Seville - which also became a centre of Maritime Exploration research and development. There had been earlier examples of “centers of expertise” at Egypt, Sumeria, Athens, Babylon, Alexandria, Constantinople, Paris, Oxford, Florence, India and China.

Henrique of Portugal, Duke of Viseu/Prince Henry the Navigator/Henry Aviz - Lifespan[1394 to 1460] Born_Loc(Porto, Portugal) Rank(60) Keyword(King, Politics, Trade, Mariner, Ships),Wikidata(Q182897) https://en.wikipedia.org/wiki/Prince_Henry_the_Navigator https://www.britannica.com/biography/Henry-the-Navigator https://www.newworldencyclopedia.org/entry/Henry_the_Navigator

See IBM SNA https://www.ibm.com/docs/en/zos-basic-skills?topic=implementation-what-is-systems-network-architecture-sna and **Asynchronous** and **Synchronous** communication ideas.

Having examined the ideas links by building strongly related paired relationships - that is to say - pairs of relationships where the **direction did not matter** (source to target) AND the relationship was strong in both directions - >=7. i.e. Building **pairs of Asynchronous strongly connected nodes** - I was able to build up, using my own routines and choices, sets of strongly related nodes which could be could be called **Network Hubs**. Most of the design was done by hand and is prone to my mistakes and biases. Hubs are grouped together about “equally” i.e. they are strongly and equally connected to each other so that each group can enter at any point and have immediate and quick access to all the ideas in any order in an **Asynchronous** (undirected) way. See also Google Cloud documentation on Networks https://cloud.google.com/architecture/networking

Id	Main	Idea1	Idea2	Idea3	Idea4	Idea5	Idea6	Idea7
1	Animal	**Evolution**	**Life and Death**	Nature	**World (0)**			
2	Astronomy	**Space**	**Time**	**World (0)**				
4	**Change**	Progress	**Time (2)**	**Evolution (1)**				
12	History	**Time (2)**	**Evolution (1)**					
8	Eternity	Immortality	**Time (2)**	Infinity	**Quantity (7)**	**Life and Death (1)**		
3	Chance	Fate	Necessity and Contingency	**Cause**				
7	**Definition**	**Mathematics**	**Quantity**	**Quality**				
23	**Science**	**Hypothesis**	**Definition (7)**	**Mathematics (7)**	Physics	Mechanics	**Cause (6)**	
22	**Same and Other**	**Knowledge (13)**	Relation	**Quantity (7)**				
19	Opposition	Dialectic	**Reasoning**	**Principle**	**Same and Other (22)**			
16	**Mind (15)**	**Idea**	**Knowledge (13)**					
20	**Philosophy**	**Principle**	**Logic**	**Science (23)**	**Knowledge (13)**	**Wisdom (13)**	**Idea (11)**	**Memory and Imagination**
13	**Knowledge**	Medicine	Prudence	**Wisdom**				
14	**Logic (20)**	**Philosophy (20)**	**Hypothesis (23)**	**Principle (20)**	**Reasoning (19)**			
15	**Man**	**Mind**	Will	Love	Labor	Family	Experience	
17	**Mind (15)**	Judgment	Justice	Law				
18	**Mind (15)**	Sense	Language	Poetry	Beauty	Pleasure and Pain	Emotion	Art
9	**Experience(15)**	**Memory and Imagination (20)**						
6	Custom and Convention	Habit						
21	**Revolution**	Wealth	**Labor (15)**	Slavery	Liberty			
5	Citizen	Constitution	Democracy	Government	Monarchy	Oligarchy	**State (25)**	
25	**State**	**Revolution (21)**	Tyranny					
11	Good and Evil	Virtue and Vice	**Sin (10)**					
10	God	Religion	Theology	Will	**Sin**			

It is worth noting that some of the most commonly used abstracted ideas like **Good and Evil/Virtue and Vice** and **Habit/Custom and Convention -** relate strongly to my ideas of the **Binary Good/Bad** overlay and **Fat, Dumb and Lazy** Complacency. Both ideas are not strongly connected to many ideas yet binary thinkers will tend to seek to apply them to all the other related ideas very strongly. They behave like "*free radicals*" in the system and can be applied to any other idea in the corpus. *It is our "habit" to ignore this and Now it is our time to attack it with our "Good/Bad" binary overlay.* **Note too** how religious Zealots and "Experts" want to attach themselves to Sin to be the **"Judges of Sin"** **with the "God of Certainty"** in totalitarian, self serving (Profit) and ever more draconian, dogmatic ways. Theology of the "Expert dogma".

1. Animal, **Evolution, Nature, World (0), Life and Death**

2. Astronomy, **Time, Space, World (0)**

4 **Change** Progress **Evolution (1) Time (2)**

12 History **Evolution (1) Time (2)**

8 Eternity Immortality **Time (2)** Infinity **Quantity (7) Life and Death (1)**

3 Chance, Fate, Necessity and Contingency, **Cause**

7 **Definition**, Mathematics, **Quantity, Quality**

23 **Science, Hypothesis, Definition (7), Mathematics (7),** Physics, Mechanics, **Cause (6)**

22 **Same and Other, Knowledge (13),** Relation, **Quantity (7)**

19 Opposition, **Same and Other (22), Reasoning, Principle,** Dialectic

16 **Mind (15), Idea, Knowledge (13)**

20 **Philosophy,** Science (23), **Logic,** Idea (11), **Knowledge (13), Wisdom (13), Principle, Memory and Imagination**

13 **Knowledge,** Medicine, Prudence, **Wisdom**

14 **Philosophy (20), Logic (20),** Hypothesis (23), **Principle (20),** Reasoning (19)

15 **Man, Mind,** Will, Love, Labor, Family, Experience

9 **Experience(15) Memory and Imagination (20)**

17 **Mind (15),** Judgment, Justice, Law

18 **Mind (15),** Sense, Language, Poetry, Beauty, Pleasure and Pain, Emotion, Art

6 Custom and Convention, Habit

21 **Revolution,** Wealth, **Labor (15),** Slavery, Liberty

11 Good and Evil, Virtue and Vice, Sin (10)

5 Citizen, Constitution, Democracy, Government, Monarchy, Oligarchy, **State (25)**

25 **State, Revolution (21),** Tyranny

10 God, Religion, Theology, Will, **Sin**

Another thing to notice is that these kind of Data mining and Advanced data analysis techniques are used all over the world - Some simply do not understand what they are doing but can "make it work" in the same way people can operate machinery without having to design it, make it or maintain it. They can "Operate" or "use" the technique with little understanding or training. Whether they use any "Moral" framework is also questionable.

Push polling, Advertising, programming people (hypnosis and mass hysteria) and Propaganda uses these techniques to keep the population under control. For example Andrew Barr has placed large billboards and signs all over Canberra where he provides constant messaging from his personal tyrannical regime to anyone simply driving a car or walking around the city, campaign strategists work on "messaging" to ensure everyone is influenced and pushed towards "right think" (Orwellian) - Dystopian worlds filled with mass messaging and brain control. See Blade Runner movie.

Emotional manipulation techniques are used widely in advertising and politics to constantly stimulate the population's Amygdala - especially **uncertainty, anxiety, fear, anger then followed by** "Good" feelings the "Right thing to do" as relief from the "fear" - as a pattern of **constant manipulation and control**. Data Mining and other techniques are used to find the best sequence of words and ideas and timing of "messaging" to manipulate the selected audience to comply with direction and suggestions.

Messaging and Manipulation is what Politics becomes in Tyrannies.

The Church and other religious zealots do this quite effectively as they manipulate people into sleepy hypnotic mind states where they can be easily influenced and become highly "suggestible"- they more readily agree to any suggestion put to them and attack anyone who questions. This remains as a post-hypnotic state associated with "feeling good" while doing the act which is suggested - killing witches, burning heretics - being part of the "feel-good" self-righteous mob. They **anticipate** this "feel good" mind state and actively seek out situations where they can repeat the suggested act. They become "witch hunters" and rationalize their insanity in books. See **Mathew Hopkins** https://www.nationalarchives.gov.uk/education/resources/early-modern-witch-trials/matthew-hopkins-witch-finder/ https://www.gutenberg.org/ebooks/14015 Sects and other Cult type organizations lead by "Charismatic" Zealots use **emotional manipulation** to program people and reduce their questions and thinking.

The ABC, Greens/Left politicians habitually operate this way and tribal types - Women, Blacks and weak minded "heroic" men caught up in the drama triangle (binary extremist types) tend to feel very "good" about themselves they **feel good** while burning their particular heretic.

https://en.wikipedia.org/wiki/G._K._Chesterton **Gilbert Keith Chesterton** (a believer) - at least explored his ideas about religion and read other people's opinions (e.g. H G Wells) and attempted to form his own view of the world and put it in writing. He explored things and tried to explain his own arguments and beliefs.

Orthodoxy https://en.wikipedia.org/wiki/Orthodoxy_(book) https://standardebooks.org/ebooks/g-k-chesterton/orthodoxy *Maniacs... If you consulted your business experience instead of your ugly individualistic philosophy, you would know that believing in himself is one of the commonest signs of a rotter. Actors who can't act believe in themselves; and debtors who won't pay. It would be much truer to say that a man will certainly fail because he believes in himself. Complete self-confidence is not merely a sin; **complete** **self-confidence** **is a weakness**. Believing utterly in one's self is a **hysterical and superstitious belief** like believing in **Joanna Southcote**: the man who has it has 'Hanwell' written on his face as plain as it is written on that omnibus." And to all this my friend the publisher made this very deep and effective reply, **"Well, if a man is not to believe in himself, in what is he to believe?"** After a long pause I replied, "I will go home and write a book in answer to that question." This is the book that I have written in answer to it.*

https://en.wikipedia.org/wiki/Joanna_Southcott *Joanna Southcott (or Southcote; April 1750 – 26 December 1814) was a self-described religious prophetess from Devon, England. A "Southcottian" movement continued in various forms after her death; its eighth prophet, Mabel Barltrop, died in 1934.*

and **Heretics** https://standardebooks.org/ebooks/g-k-chesterton/heretics *"It is foolish, generally speaking, for a philosopher to set fire to another philosopher in Smithfield Market because they do not agree in their theory of the universe. That was done very frequently in the last decadence of the Middle Ages, and it failed altogether in its object. But there is one thing that is infinitely more absurd and unpractical than burning a man for his philosophy. This is the habit of saying that his philosophy does not matter, and this is done universally in the twentieth century, in the decadence of the great revolutionary period. General theories are everywhere contemned; the doctrine of the Rights of Man is dismissed with the doctrine of the Fall of Man. Atheism itself is too theological for us today."*

The Everlasting Man https://en.wikipedia.org/wiki/The_Everlasting_Man *"Of course most of these speculators who are talking{59} about primitive men are thinking about modern savages. They prove their progressive evolution by assuming that a great part of the human race has not progressed or evolved; or even changed in any way at all. I do not agree with their theory of change; nor do I agree with their dogma of things unchangeable. I may not believe that civilised man has had so rapid and recent a progress; but I cannot quite understand why uncivilised man should be so mystically immortal and immutable. A somewhat simpler mode of thought and speech seems to me to be needed throughout this inquiry. Modern savages cannot be exactly like primitive man, because they are not primitive. Modern savages are not ancient because they are modern. Something has happened to their race as much as to ours, during the thousands of years of our existence and endurance on the earth. They have had some experiences, and have presumably acted on them if not profited by them, like the rest of us. They have had some environment, and even some change of environment, and have presumably adapted themselves to it in a proper and decorous evolutionary manner. This would be true even if the experiences were mild or the environment dreary; for there is an effect in mere time when it takes the moral form of monotony. But it has appeared to a good many intelligent and well-informed people quite as probable that the experience of the savages has been that of a decline from civilisation. Most of those who criticise this view* **do not seem to have any very clear notion of what a** decline from civilisation **would be like***. Heaven help them, it is likely enough that they will soon find out. They seem to be content if cave-men and cannibal islanders have some things in common, such as certain particular implements. But it is obvious on the face of it that any peoples* **reduced for any reason to a ruder life would have some things in common***. If we lost all our firearms we should{60} make bows and arrows; but we should not necessarily resemble in every way the first men who made bows and arrows. It is said that the Russians in their great retreat were so short of armament that they fought with clubs cut in the wood. But a professor of the future would err in supposing that the Russian Army of 1916 was a naked Scythian tribe that had never been out of the wood."*

Conversations of Ideas

I tend to overlook the mindset of people when I talk to them. It is very rude of me. I should try to have some understanding of how people feel, what their situation is - situational awareness - whether they are under stress, a state of hysteria, afraid, uncertain, ignorant, etc. But then I have the problem that I could be accused of "speaking down" to people or treating them like children or being rude but not engaging them in an adult way. It is not always easy to work out **how to engage in conversations** - especially difficult or challenging conversations

I tend to operate in a highly abstracted frame - that is to say I speak of the general "Aught" - a kind of "*Moral Philosophy*" - a general "Human Condition" frame rather than concentrating on myself as an individual. See **David Hume** - ***Enquiry Concerning Human Understanding*** https://www.gutenberg.org/files/9662/9662-h/9662-h.htm.

Maybe I prefer more of the style of **Michel de Montaigne** (but I can adapt to the circumstances) https://en.wikipedia.org/wiki/Essays_(Montaigne) , https://hyperessays.net/essays/toc/ and his **essays** - general explorations of ideas rather than dogmatic certainty. https://hyperessays.net/essays/on-the-inequality-among-us/ *"Compare with such a one the common rabble of mankind, stupid and mean-spirited, servile, instable, and continually floating with*
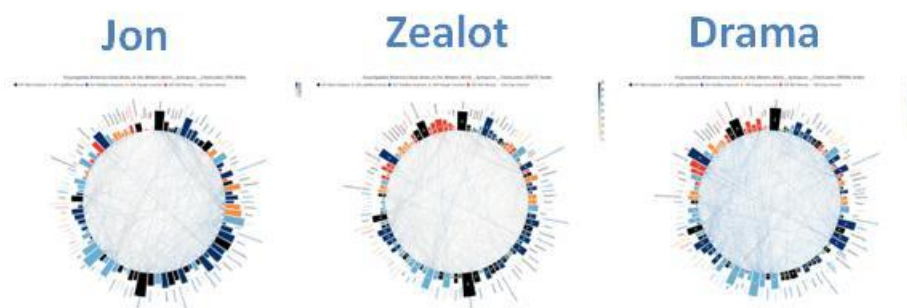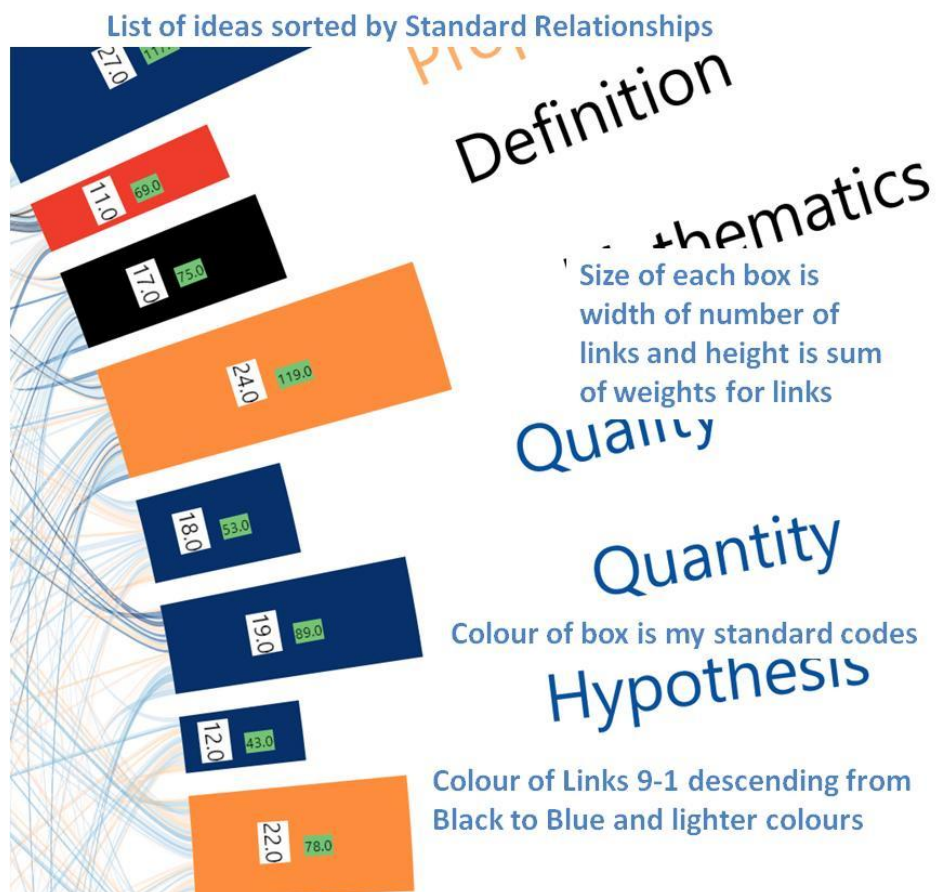
the tempest of various passions, that tosses and tumbles them to and fro, and all depending upon others, and you will find a greater distance than betwixt heaven and earth; and yet the blindness of common usage is such that we make little or no account of it; whereas if we consider a peasant and a king, a nobleman and a vassal, a magistrate and a private man, a rich man and a poor, there appears a vast disparity, though they differ no more, as a man may say, than in their breeches."

So I cannot easily speak with narcissists, whingers and tribal types are stuck in the drama triangle and see themselves as victims, heroes and me as the perpetrator. I cannot easily speak with those who wear their ostentatious "breeches" and clothe themselves in entitlement, virtue and "specialness".

I **Biased the ideas database** by ranking each of the 101 ideas between 0-9. This had the effect of reducing all of the links to lower weights. For example if I weighted Angel as 6 - which is 3 less than the maximum weight of 9 - then every link with Angel in it would have their link weight reduced by 3. So if two lowly ranked ideas where linked the reduction would be cumulative e.g. -3 and - 5 a total of -8 of the link weight. This was quite an **aggressive way of discarding links** which I decided - in my biased way - as un-important to me and not worth discussing. It is like in a conversation when you hear certain words and ideas you bias them away from the weights that someone else is giving them. A Zealot may use the words Sin and God quite a lot because they feature strongly in their biases whereas I rate them lowly so I will tend to ignore the discussion.

I created three Biased Profiles i.e. that is to say ones where the default idea starting weigh was not 9 - **Jon**, **Zealot** (religious types) and **Drama** - as in drama triangle types. I then recalculated the links and nodes and graphed each model in charticulator. https://charticulator.com/

It took a fair amount of work to establish the sorted order based on the standard links and strengths, relationships and their strengths and progressively understanding the strength of each cluster. i.e. this sorted order on the circle is deliberate, designed and planned and without it the link patterns would be more difficult to see.

Definition

...hematics

Size of each box is
width of number of
links and height is sum
of weights for links

Quality

Quantity

Colour of box is my standard codes

Hypothesis

Colour of Links 9-1 descending from
Black to Blue and lighter colours

27.0

11.0   69.0

17.0   75.0

24.0   119.0

18.0   53.0

19.0   89.0

12.0   43.0

22.0   78.0

Jon

Zealot

Drama

Each person brings their own biases and strength of links and pathways that they follow. Jon tends to have stronger links to those ideas on the right hand side. The Zealot has stronger links at the top and the Drama triangle person has stronger links towards the bottom left. So when you hear the expression *"he has no idea"* it might mean it is not linked at all or that is partially linked in a different way than your preferred strong link. So when you hear the expression "*they came at the same idea from different directions*" - you might imagine a journey along the pathways bouncing from idea to idea by their preferred biased links. So when you hear the expression "*they are talking at cross purposes*" you might think of this picture. So when see the expression "***schema***" you might start to think of what that means and how to share ideas with others.

Gettiing your wires crossed, following the thread of the discussion, missing the point, weaving a web of lies, cancel culture, shutting down debate, re-writing history, emphasis and omission, focus on the

issue, talking at cross purposes, getting on the same page, important idea (high weights), integral idea (many links), going off on a tangent, teasing out the issues, getting to the heart of the matter, firming up our understandering.

https://charticulator.com/

Nodes and link Files

https://humanistman.com/wp-content/uploads/2023/09/Encyclopaedia-Britannica-Great-Books-of-the-Western-World-Syntopicon-Charticulator-JON-Nodes.csv

https://humanistman.com/wp-content/uploads/2023/09/Encyclopaedia-Britannica-Great-Books-of-the-Western-World-Syntopicon-Charticulator-JON-Links.csv

https://humanistman.com/wp-content/uploads/2023/09/Encyclopaedia-Britannica-Great-Books-of-the-Western-World-Syntopicon-Charticulator-Zealot-Nodes.csv

https://humanistman.com/wp-content/uploads/2023/09/Encyclopaedia-Britannica-Great-Books-of-the-Western-World-Syntopicon-Charticulator-Zealot-Links.csv

https://humanistman.com/wp-content/uploads/2023/09/Encyclopaedia-Britannica-Great-Books-of-the-Western-World-Syntopicon-Charticulator-Drama-Nodes.csv

https://humanistman.com/wp-content/uploads/2023/09/Encyclopaedia-Britannica-Great-Books-of-the-Western-World-Syntopicon-Charticulator-Drama-Links.csv

Carticulator Template (remove the .txt at the end)

https://humanistman.com/wp-content/uploads/2023/09/Charticulator-Circle-Template-for-Ideas-database.tmplt_.txt

Recent Investigations

Wikipedia databases https://www.wikidata.org/wiki/Wikidata:Database_download , Patheon databases https://pantheon.world/data/datasets , my maps - integration and checking. My previous

Recent People

John Kempe - Lifespan[1300 to 1370] Born_Loc(Flanders-Ghent,(region), Belgium) Rank(70) Keyword(Flemish, Weaver, Merchant),Wikidata(nowikientry)
https://www.gutenberg.org/cache/epub/27562/pg27562-images.html#Page_385
https://ia800309.us.archive.org/10/items/generalhistoryof00kemp/generalhistoryof00kemp.pdf
https://storymaps.arcgis.com/stories/11c61ed4492d4ed2a772ae4b0fae0bfa

Sigismund of Luxembourg/Sigismund - Lifespan[1368 to 1437] Born_Loc(Free Imperial City of Nuremberg, Holy Roman Empire) Rank(80) Keyword(Monarch, Religion, War),Wikidata(Q57124)
https://en.wikipedia.org/wiki/Sigismund,_Holy_Roman_Emperor
https://www.britannica.com/biography/Sigismund-Holy-Roman-emperor

Philip the Good/Philip - Lifespan[1396 to 1467] Born_Loc(Dijon, Duchy of Burgundy) Rank(80) Keyword(King, War, Trade, Politics, Art, Chivalry),Wikidata(Q239337)
https://en.wikipedia.org/wiki/Philip_the_Good https://www.britannica.com/biography/Philip-III-duke-of-Burgundy https://www.rct.uk/collection/403440/philip-the-good-duke-of-burgundy-1396-1467

Marguerite de Navarre/Marguerite - Lifespan[1492 to 1549] Born_Loc(Angouleme, Angoumois, France) Rank(80) Keyword(Queen, Philosopher, Poet, Humanist),Wikidata(Q190058)
https://en.wikipedia.org/wiki/Marguerite_de_Navarre
https://www.britannica.com/biography/Margaret-of-Angouleme
https://www.gutenberg.org/cache/epub/26337/pg26337-images.html#Page_41

Francis I of France/Francis - Lifespan[1494 to 1547] Born_Loc(Chateau de Cognac, Cognac, France) Rank(80) Keyword(Knight, Warrior, King, Humanist, Patron),Wikidata(Q129857)
https://en.wikipedia.org/wiki/Francis_I_of_France https://www.britannica.com/biography/Francis-I-king-of-France

Leopold II, Holy Roman Emperor/Peter Leopold Josef Anton Joachim Pius Gotthard - Lifespan[1747 to 1792] Born_Loc(Vienna, Austria, Holy Roman Empire) Rank(80) Keyword(Monarch, Religion, Enlightened absolutism, Despot),Wikidata(Q151321)
https://en.wikipedia.org/wiki/Leopold_II,_Holy_Roman_Emperor
https://www.britannica.com/biography/Leopold-II-Holy-Roman-emperor
http://www.holyromanempireassociation.com/holy-roman-emperor-leopold-ii.html

Benedictus Gotthelf Teubner - Lifespan[1784 to 1856] Born_Loc(Sonnewalde, Germany) Rank(30) Keyword(Publisher,librarian, history, science, classics, theology, archaeology),Wikidata(Q216319)
https://en.wikipedia.org/wiki/Benedictus_Gotthelf_Teubner
https://en.wikipedia.org/wiki/Bibliotheca_Teubneriana

Henry George Bohn - Lifespan[1796 to 1884] Born_Loc(London England) Rank(30) Keyword(Publisher,librarian, history, science, classics, theology, archaeology),Wikidata(Q5580808)
https://en.wikipedia.org/wiki/Henry_George_Bohn
https://www.pagesofpages.com/bohn/bohn_classical_library.html
https://www.loebclassics.com/volumes

Cardinal Wolsey/Thomas Wolsey - Lifespan[1473 to 1540] Born_Loc(Ipswich Suffolk) Rank(80) Keyword(Religion, Cardinal, Politician),Wikidata(Q206512)
https://en.wikipedia.org/wiki/Thomas_Wolsey
https://www.gutenberg.org/cache/epub/26337/pg26337-images.html
https://www.britannica.com/biography/Thomas-Cardinal-Wolsey

Ruy Lopez de Villalobos - Lifespan[1500 to 1546] Born_Loc(Malaga, Spain, Crown of Castille) Rank(80) Keyword(Spanish, Maritime, Explorer, Philippines),Wikidata(Q449551)
https://en.wikipedia.org/wiki/Ruy_L%C3%B3pez_de_Villalobos

A J Ayer/Alfred Jules Ayer - Lifespan[1910 to 1989] Rank(80) Keyword(Philosophy, Verifiability, Truth),Wikidata(Q243757) https://plato.stanford.edu/entries/ayer/
https://en.wikipedia.org/wiki/A._J._Ayer https://en.wikipedia.org/wiki/Language,_Truth,_and_Logic

Pietro Aretino - Lifespan[1492 to 1556] Born_Loc(Arezzo, Republic of Florence) Rank(80) Keyword(critic, playwright, poet, satirist, blackmailer),Wikidata(Q296272) https://en.wikipedia.org/wiki/Pietro_Aretino https://www.britannica.com/biography/Pietro-Aretino https://openlibrary.org/authors/OL124146A/Pietro_Aretino

Titian/Tiziano Vecelli/Vecellio - Lifespan[1488 to 1576] Born_Loc(Pieve di Cadore, Republic of Venice) Rank(80) Keyword(Painting, Artist),Wikidata(Q47551) https://en.wikipedia.org/wiki/Titian https://www.britannica.com/biography/Titian

Giovanni da Verrazzano - Lifespan[1485 to 1528] Born_Loc(Val di Greve, Republic of Florence) Rank(80) Keyword(Explorer, Maritime, New York),Wikidata(Q147676) https://en.wikipedia.org/wiki/Giovanni_da_Verrazzano https://exploration.marinersmuseum.org/subject/giovanni-da-verrazzano/ https://www.verrazzano.com/en/la-scoperta-di-new-york/

Margaret of Valois-Angouleme/Margaret/Marguerite de Navarre - Lifespan[1492 to 1549] Born_Loc(Angouleme, Angoumois, France) Rank(80) Keyword(Humanism, Reform, Patron, Poet, Playwright, Diplomacy, Politics),Wikidata(Q190058) https://en.wikipedia.org/wiki/Marguerite_de_Navarre https://www.lib.virginia.edu/rmds/collections/gordon/literary/marguerite/index.html https://www.gutenberg.org/ebooks/author/32596

John Maynard Keynes - Lifespan[1883 to 1946] Born_Loc(Cambridge, England) Rank(50) Keyword(Economics, Business, Government, State),Wikidata(Q9317) https://en.wikipedia.org/wiki/John_Maynard_Keynes https://onlinebooks.library.upenn.edu/webbin/book/lookupname?key=Keynes%2C%20John%20Maynard%2C%201883%2D1946 https://gutenberg.net.au/ebooks03/0300071h/0-index.html

G E Moore/George Edward Moore - Lifespan[1873 to 1958] Born_Loc(Hastings Lodge, Victoria Road, Dulwich Wood Park, Upper Norwood, London, England) Rank(80) Keyword(Morals, Ethics, Good, Analytic Philosophy, Humanist)   https://en.wikipedia.org/wiki/G._E._Moore https://www.gutenberg.org/files/53430/53430-h/53430-h.htm https://en.wikipedia.org/wiki/Principia_Ethica

John Arbuthnot - Lifespan[1667 to 1735] Born_Loc(Inverbervie, Kincardine, Scotland) Rank(80) Keyword(Maths, Probability),Wikidata(Q435816) https://mathshistory.st-andrews.ac.uk/Biographies/Arbuthnot/ https://www.google.com/search?client=firefox-b-d&q=John+Arbuthnot https://www.gutenberg.org/cache/epub/2643/pg2643-images.html https://onlinebooks.library.upenn.edu/webbin/book/lookupname?key=Arbuthnot%2C%20John%2C%201667%2D1735 http://www.ikanlundu.com/literary/The_Art_of_Political_Lying.htm https://www.ourcivilisation.com/smartboard/shop/arbuthnot/lying.htm **The Art of Political Lying http://www.ikanlundu.com/literary/The_Art_of_Political_Lying.htm https://onlinebooks.library.upenn.edu/webbin/book/lookupname?key=Arbuthnot%2C%20John%2C%201667%2D1735**

William Hazlitt - Lifespan[1778 to 1830] Born_Loc(Maidstone, Kent, England) Rank(80) Keyword(Essays, Philosophy, Critic) https://en.wikipedia.org/wiki/William_Hazlitt

https://www.britannica.com/biography/William-Hazlitt
https://onlinebooks.library.upenn.edu/webbin/book/lookupid?key=olbp69511

Recent Documents

Mirror of Simple Souls (Rank:50) :Author(**Marguerite Porete**) :Year[1310] :Keyword(Group Philosophy Religion, Beguines) https://www.jstor.org/stable/j.ctvpj7cbv
https://undpress.nd.edu/9780268014353/the-mirror-of-simple-souls/
https://archive.org/details/TheMirrorsOfSimpleSouls

References

All extracts are public domain and/or for research, fair use, education, not for profit, public good, in good faith, my emphasis for discussion, no malice or injurious intent.

1. *Wikipedia* *https://en.wikipedia.org/wiki/Main_Page* *Larry Sanger and Jimmy Wales https://en.wikipedia.org/wiki/Founder_of_Wikipedia* *Creative Commons Attribution-ShareAlike 3.0*

2. *Many Universities, government , museum, library* and *public websites*

3. *Internet Archive* - *Internet Archive Founder, Brewster Kahle -* *https://archive.org/*

4. *Project Gutenberg* - *Michael Hart, founder of Project Gutenberg, invented eBooks in 1971 and his memory continues to inspire the creation of eBooks and related content today.* *https://www.gutenberg.org/* *public domain*

5. *Michael Stern Hart* (March 8, 1947 – September 6, 2011)

   https://en.wikipedia.org/wiki/Michael_S._Hart *by Marcello GDFL 1.2*

6. *https://pantheon.world/* *people wiki data extract*

7. *The History of Oracles* *https://en.wikipedia.org/wiki/Bernard_Le_Bovier_de_Fontenelle* - *https://quod.lib.umich.edu/e/eebo/A39866.0001.001?view=toc THAT there are Daemons being once allowed by Christianity, it was natural and easie enough to attribute to them the Ability of performing any thing that is Great and Wonderful, and not to refuse them the* *Power of delivering Oracles,* *and effecting any other Pagan Miracles, which seemed to have need of their Assistance. And thus the Ancients saved themselves the trouble of entering into a strict enquiry about Matters which would be tedious and difficult For all that was surprizing and extraordinary, was without any more ado ascribed to these Daemons: And this alone they thought a sufficient Confirmation of their Existence, and of the Religion it self that warranted it.*

8. *Martin Luther on Jews* *https://web.archive.org/web/20050103042654/http://jdstone.org/cr/pages/sss_mluther.html Therefore a Christian should be content and not argue with the Jews. But if you have to or want to talk with them, do not say any more than this: " Listen, Jew, are you aware that Jerusalem and your sovereignty, together with your temple and priesthood, have been destroyed for over 1,460 years? " For this year, which we Christians write as the year 1542 since the birth of Christ, is exactly 1,468 years, going on fifteen hundred years, since Vespasian and Titus destroyed Jerusalem and expelled the Jews from the city. Let the Jews*

*bite on this nut and dispute this question as long as they wish. For such **ruthless wrath of God** is sufficient evidence that they assuredly have erred and gone astray. Even a child can comprehend this. For one dare not regard God as so cruel that he would punish his own people so long, so terribly, so unmercifully, and in addition keep silent, comforting them neither with words nor with deeds, and fixing no time limit and no end to it. Who would have faith, hope, or love toward such a God? Therefore this work of wrath is proof that the Jews, surely rejected by God, are no longer his people, and neither is he any longer their God. This is in accord with Hosea 1:9, " Call his name Not my people, for you are not my people and I am not your God. " Yes, unfortunately, this is their lot, truly a terrible one. They may interpret this as they will; we see the facts before our eyes, and these do not deceive us. If there were but a spark of reason or understanding in them, they would surely say to themselves: "O Lord God, something has gone wrong with us. Our misery is too great, too long, too severe; God has forgotten us! " etc. To be sure, I am not a Jew, but I really do not like to contemplate God's awful wrath toward this people. It sends a shudder of fear through body and soul, for I ask, What will the eternal wrath of God in hell be like toward false Christians and all unbelievers? Well, let the Jews regard our Lord Jesus as they will. We behold the fulfillment of the words spoken by him in Luke 21:20: "But when you see Jerusalem surrounded by armies, then know that its desolation has come near ... for these are days of vengeance. For great distress shall be upon the earth and wrath upon this people." In short, as has already been said, do not engage much in debate with Jews about the articles of our faith. From their **youth they have been so nurtured with venom and rancor against our Lord that there is no hope until they reach the point where their misery finally makes them pliable and they are forced to confess that the Messiah has come, and that he is our Jesus**. Until such a time it is much too early, yes, it is useless to argue with them about how God is triune, how he became man, and how Mary is the mother of God. No human reason nor any human heart will ever grant these things, much less the embittered, venomous, blind heart of the Jews. As has already been said, what God cannot reform with such cruel blows, we will be unable to change with words and works. Moses was unable to reform the Pharaoh by means of plagues, miracles, pleas, or threats; he had to let him drown in the sea. There is one thing about which they **boast and pride them selves beyond measure**, and that is their descent from the foremost people on earth, from Abraham, Sarah, Isaac, Rebekah, Jacob, and from the twelve patriarchs, and thus from the holy people of Israel. St. Paul himself admits this when he says in Romans 9:5: Quorum patres, that is, "To them belong the patriarchs, and of their race is the Christ," etc. And Christ himself declares in John 4:22, "Salvation is from the Jews. " Therefore **they boast of being the noblest, yes, the only noble people on earth**. In comparison with them and in their eyes **we Gentiles (Goyim) are not human; in fact we hardly deserve to be considered poor worms by them**. For we are not of that high and noble blood, lineage, birth, and descent. This is their argument, and indeed I think it is the greatest and strongest reason for their pride and boasting. Therefore, God has to endure that in their synagogues, their prayers, songs, doctrines, and their whole life, they come and stand before him and plague him grievously (if I may speak of God in such a human fashion). Thus he must listen to their boasts and their praises to him for setting them apart from the Gentiles, for letting them be descended from the holy patriarchs, and for selecting them to be his holy and peculiar people, etc. And there is no limit and no end to this boasting about their descent and their physical birth from the fathers. **And to fill the measure of their raving, mad, and stupid***

folly, they boast and they thank God, in the first place, because they were created as human beings and not as animals; in the second place. because they are Israelites and not Goyim (Gentiles); in the third place because they were created as males and not as females. They did not learn such tomfoolery from Israel but from the Goyim. For history records that the Greek Plato daily accorded God such praise and thanksgiving-if such arrogance and blasphemy may be termed praise of God. This man, too, praised his gods for these three items: that he was a human being and not an animal; a male and not a female; a Greek and not a non-Greek or barbarian. This is a fool's boast, the gratitude of a barbarian who blasphemes God! Similarly, the Italians fancy themselves the only human beings; they imagine that all other people in the world are nonhumans, mere ducks or mice by comparison.

9. *Lollard Society* https://lollardsociety.org/?page_id=6

10. *Foxes book of martyrs 1563* https://en.wikipedia.org/wiki/Foxe%27s_Book_of_Martyrs

11. *The Complaint of Nicholas de la Fontaine Against Servetus, 14 August, 1553* https://history.hanover.edu/texts/comserv.html *Nicholas de la Fontaine [1] asserts that he has instituted proceedings against Michael Servetus and on this account he has allowed himself to be held prisoner in criminal process.I.[2] In the first place that about twenty-four years ago the defendant **commenced to annoy the churches of Germany** with his errors and heresies, and was condemned and took to flight in order to escape the punishment prepared for him [3].II. Item, that on or about this time he **printed a wretched book**, which has infected many people [4].III. Item, that since that time he has not ceased by all means in his power to **scatter his poison,** as much by his construction of biblical text, as by certain annotations which he has made upon Ptolemy.IV. Item, that since that time he has **printed in secrecy another book containing endless blasphemies**.[5]V. Item, that while detained in prison in the city of Vienne, when he saw that they were willing to pardon him on condition of his recanting, he **found means to escape from prison** .VI. Said Nicholas demands that said Servetus be examined on all these points.VII. And since he is able to evade the question by pretending that his blasphemies and heresies are nought else than good doctrine, said Nicholas proposes certain articles on which he demands said heretic be examined.*

12. *John Knox* https://en.wikipedia.org/wiki/The_First_Blast_of_the_Trumpet_Against_the_Monstruous_Regiment_of_Women

13. *The Souls of Black folk* https://www.gutenberg.org/files/408/408-h/408-h.htm

14. *Josiah Royce The Hope of the Great Community* https://en.wikisource.org/wiki/The_Hope_of_the_Great_Community https://josiah-royce-edition.org/wp-content/uploads/2014/03/1916-Hope-of-the-Great-Community.pdf

15. *John Law* https://en.wikipedia.org/wiki/John_Law_(economist)

16. *Jonathan Swift* https://en.wikipedia.org/wiki/A_Modest_Proposal