

Humanism – Choice - Distributions

What distributions result from Human Choice?

Humanism Processes Supported:

1.Observe 3. Manage Issues

1.3 Frame, 1.4 Structure, 1.4 Analyze, 1.7 Hypothesize

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Frame

Hypothesis: Humans have different available choices – not all choices are available to all humans

Hypothesis: Choice and the opposite of choice lead to different distributions in variables

Questions

1. What is the opposite of Choice?
2. Can anything be equal?
3. What is a Biased choice?

Population: Individual Humans, Groups

Measure: Supporting model for – Frame, Manage Issues, Agree

Assumption: Choices can be made by Humans.

Information Sources and Topics: Books, History, WWW - including those links provided.

Motivations: Understand the Frame and Human view (context and perspective) within it

Initial Conditions, Self reference: Variables, Statistics, Meta Frames (Equality/Diversity)



Choice

1. We can hypothesize that the Act of Choosing – making a choice – results in different outcomes.
2. There are still outcomes whether a choice was made or not
3. Actions and events have far reaching affects on outcomes. Butterfly effect (chaos theory) https://en.wikipedia.org/wiki/Butterfly_effect
4. Omar Khayyám - “The Moving Finger writes; and, having writ, Moves on: nor all thy Piety nor Wit Shall lure it back to cancel half a Line, Nor all thy Tears wash out a Word of it.”
5. Minkowski space https://en.wikipedia.org/wiki/Minkowski_space
6. Not everything is able to be chosen.

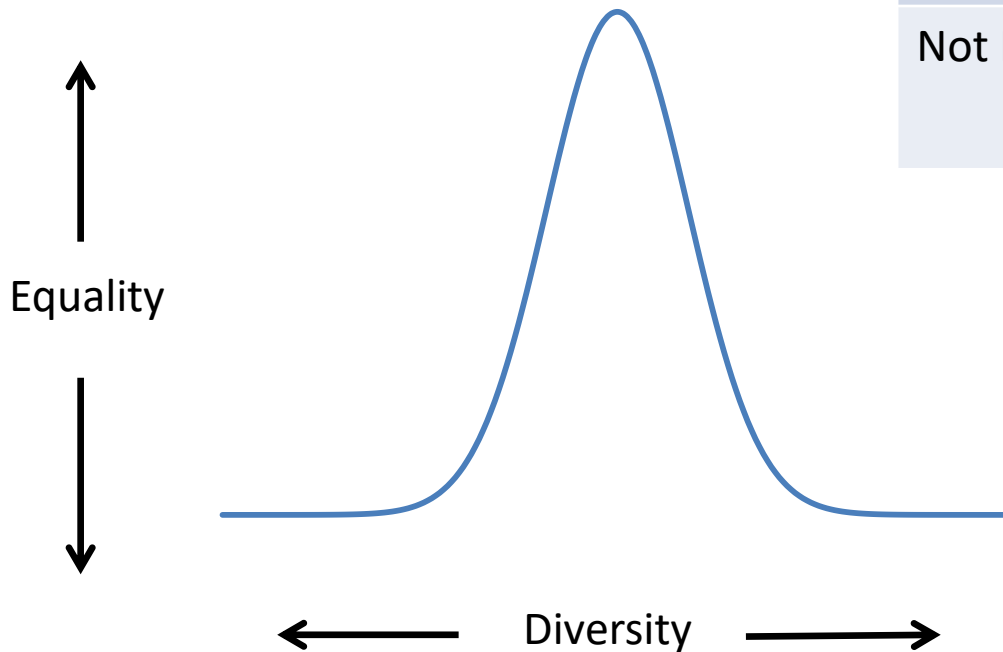
	Not Different Same	Different Not Same
Known	choose	Not choose
Not Known	Not certain a choice was made	?



Equal

1. Equal (same) and Different (not Same) are a human meta frame – a starting point for language and all else.
2. Equality and difference (diversity) can be graphed
3. Every variable measured by equality and difference (diversity) forms a distribution
4. Distributions tend to clump

	Not Different Same	Different Not Same
Known	Equal	Not Equal
Not Known	?	?



Terminology

Equal/Unequal - everything thing measured by a variable is distributed and can be graphically represented - equal and unequal are extremes of the same variable (Same/Different). It is a choice of the Frame – Population, Time, Space, Number of events – variables, context, perspective, precision, accuracy. Its all about choice. No two apples are the Same.

“The Pareto distribution is continuous probability distribution. [Zipf's law](#), also sometimes called the [zeta distribution](#), is a discrete distribution, separating the values into a simple ranking. Both are a simple power law with a negative exponent, scaled so that their cumulative distributions equal 1”

- Pareto (**Vilfredo Pareto**) - https://en.wikipedia.org/wiki/Pareto_distribution
- Lorenz (**Max Otto Lorenz**) - https://en.wikipedia.org/wiki/Lorenz_curve
- Lomax - https://en.wikipedia.org/wiki/Lomax_distribution
- Zipf (**George Kingsley Zipf**) - https://en.wikipedia.org/wiki/Zipf%27s_law
- Zipf – Mandelbrot (**Benoit Mandelbrot**) Law - https://en.wikipedia.org/wiki/Zipf%E2%80%93Mandelbrot_law
- Clumping of Species - https://en.wikipedia.org/wiki/Species_distribution
- Gini (**Corrado Gini**) Coefficient - <https://www.investopedia.com/terms/g/gini-index.asp>
- Concordet's (**Marie Jean Antoine Nicolas de Caritat, Marquis of Condorcet**) Jury Theorum - https://en.wikipedia.org/wiki/Condorcet%27s_jury_theorem

The Human experiment continues:

- Millions of years till now – Excellence, Competition, Survival, (all life) - Darwinism
- 40,000 years to now - Family, Band, Egalitarian, Tribes, Seasonal Migration Congregations, Chiefdom, Fiefdom, Monarchy, Republic, Democracy, Socialism, Anarchism, Communism, Totalitarian, Feminism, Social Justice Warriors - Change the world
- Tall poppy syndrome , help the poor (virtue), just, fair?
- Sex, Choices
- Marketing and Advertising, consumerism, propaganda, manipulation, corruption, ignorance



Examples - Choice of Name

- <https://www2.census.gov/topics/genealogy/1990surnames/> - limited to top 90%
- Surnames 88799 entries. 115 - 0.13% account for 20% of all names.
- Female First name 4275 entries. 28 - 0.65% account for 20% of all names.
- Male First name 1219 entries. 8 - 0.66% account for 20% of all names.

Individual then cumulative graphs (truncated over 35000 Excel limit):

Surnames



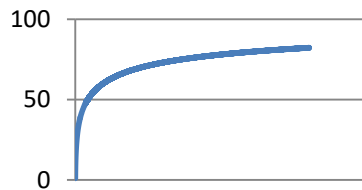
Female



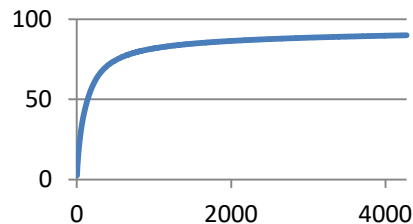
Male



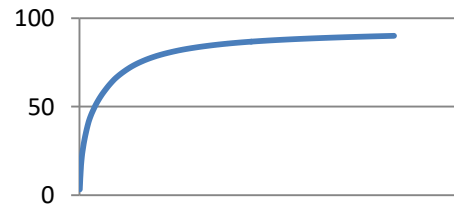
Surnames-C



Female-C



Male-C



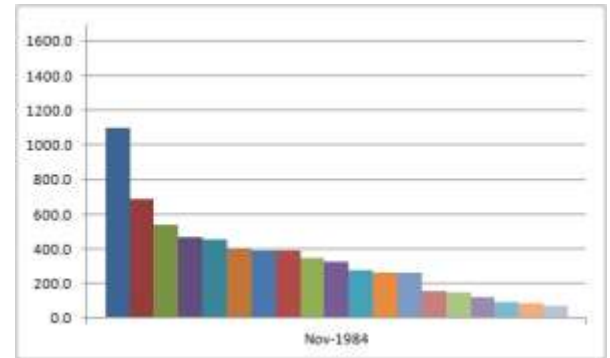
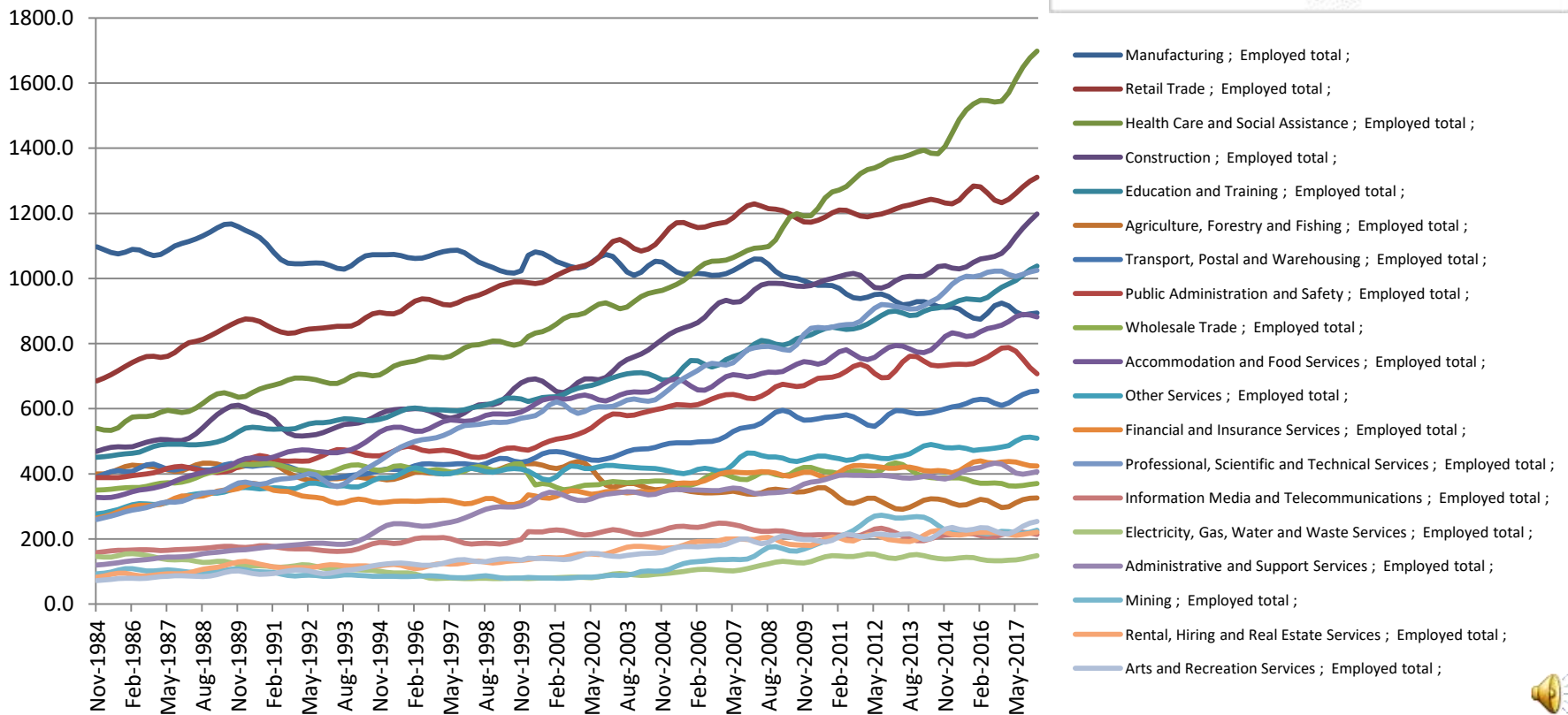
Examples - employment by industry

Source: Australian Bureau of Statistics ABS

6291.0.55.003 Labour Force, Australia, Detailed, Quarterly

Table 04. Employed persons by Industry division of main job (ANZSIC) - Trend, Seasonally adjusted, and Original

In the Movie the quarterly TRENDS data was ranked from highest employment to lowest.



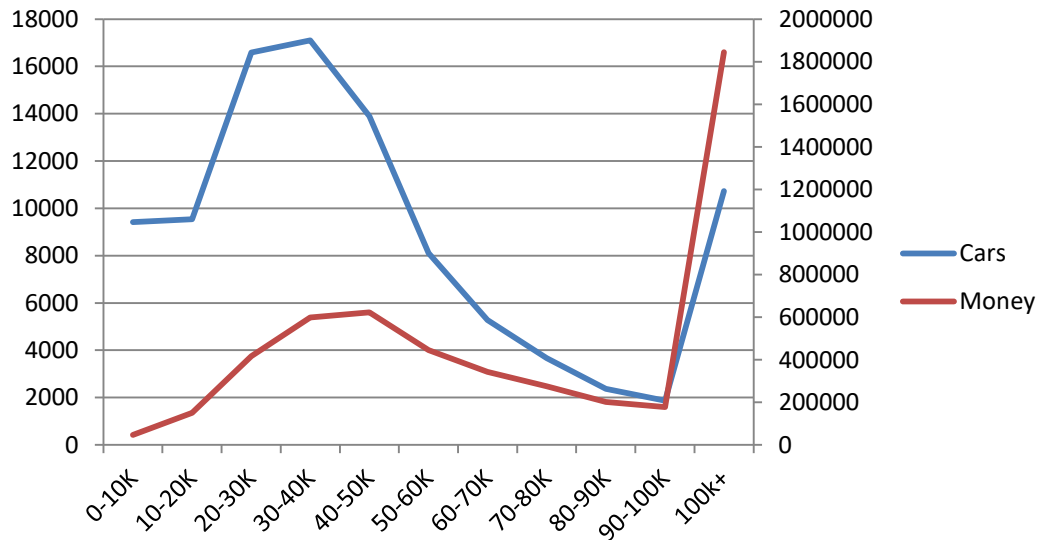
Examples - Car

It is difficult to get exact figures but assuming every available car has one person who will buy that car in that price range then we can use the number of cars in each price range and the average price within that price range to provide a graph.

The lack of detail of information for cars over 100K makes it difficult to see the graph for those cars.

Source Redbook.com.au

<https://www.redbook.com.au/cars/results?sort=Published&s=0&l=15&evnt=refinement&q=Price%3Drange%5B150000..%5D>



Marketing

Marketing, Advertising, Consumerism – assault on human choice – hand over the money for largely optional consumer items.

25% TV broadcast in Australia is advertising.

Advertising costs -

<https://www.wordstream.com/blog/ws/2017/07/05/online-advertising-costs>

<https://www.webfx.com/blog/business-advice/the-cost-of-advertising-nationally-broken-down-by-medium/>

Google revenue \$3 billion in Australia per year , \$136 billion worldwide

<https://www.afr.com/business/media-and-marketing/advertising/google-books-3b-in-gross-australian-revenue-facebook-hit-with-31m-ato-charge-20180430-h0zg0c>

<https://www.statista.com/statistics/266206/googles-annual-global-revenue/>

Advertising spend in Australia - \$10 billion per year

<https://www.nielsen.com/au/en/solutions/measurement/advertising-expenditure.html>

Hypothesis: The amount of energy spent on advertising could be put to better use.



Gender Pay Gap

The “gender pay gap” three word slogan emerged as a feminist mantra. The ultimate aim is to make all women and men (feminists are biased towards gender) earn from employment exactly the same amount of money in their life time no matter what job they do or what choices they make.

It’s a really good example of frame, variables, context, perspective, precision and accuracy issues, bias and the lack of thought and communication about a complexity of issues.

Australia has a Workplace Gender Equality Agency - “The WGEA calculates that national [gender pay gap is 15.3%](https://www.wgea.gov.au/)” - <https://www.wgea.gov.au/>

“The GPG is derived as the difference between women’s and men’s average weekly full-time equivalent earnings, expressed as a percentage of men’s earnings.”

The Australian Public Service commission also uses averages <https://www.apsc.gov.au/chapter-8-remuneration-gender>

The Australian Human Rights Commission believes in human rights for women and encourage targets and quotas and other forms of discrimination.

<https://www.humanrights.gov.au/education/face-facts/face-facts-gender-equality-2018>

Feminist arguments about figures <https://iwpr.org/publications/five-ways-to-win-an-argument-about-the-gender-wage-gap/>

Harvard Article about figures <https://fee.org/articles/harvard-study-gender-pay-gap-explained-entirely-by-work-choices-of-men-and-women/>

Blog <https://fee.org/articles/5-myths-about-income-inequality-debunked/>

Article <https://www.forbes.com/sites/karinagness/2016/04/12/dont-buy-into-the-gender-pay-gap-myth/#de8422625969>

Ross Guest paper <https://www.cis.org.au/app/uploads/2018/06/34-2-guest-ross.pdf>

MaleChampionsofChange https://malechampionsofchange.com/wp-content/uploads/2017/08/MCC-Closing-The-Pay-Gap_Report_2017_FINAL-1.pdf

Piece work like fruitpicking could approach equal pay rates. Even then though quality still applies - picking the same number of fruit but better quality fruit – less bad ones, etc

<https://www.fairwork.gov.au/pay/minimum-wages/piece-rates-and-commission-payments>



Equality as a slogan

Equality is often used as a slogan for people to justify change – but it is often incompletely defined or understood. Fundamentally there is no such thing as equality. There is - however - many barriers to choice.

There is also bias - biases affect choices.

More often than not the fast thinking brain buys into (is biased towards) slogans and marketing campaigns – especially if there is the notion of “Virtue” and by buying the campaign the human “feels” good. Many campaigns are designed specifically to avoid the slow brain or thinking and discussion – leading to censorship and other forms of corruption.

Historically philosophers have recognized when humans turn off the thinking part of the brain and get activated by feelings and fast thinking (reactive) parts of the brain. Many of philosophers have despaired about this feature of humanity - in particular, lynch mobs, vigilantism, revenge, self righteous, the ends justifies the means, etc.

e.g. Torture and human rights abuse **Guantanamo**

<https://www.hrw.org/news/2018/01/10/after-16-years-end-injustice-guantanamo>



Just Fair

The argument for Change is sometimes put like this:

“To achieve just and fair outcomes we must be unjust and unfair” – The ends justifies the means. Some humans will suffer for the greater good (of us other humans).
Absurdly – being UNJUST will result in JUSTICE.

The other absurdity is that the social justice warriors – those who know exactly how society SHOULD BE – are the best people to KNOW what the outcomes should be. In other words they know more about life (and humans in particular) than life itself.

Social justice warriors are too ignorant to know how ignorant they are. The rest of us humans are aware of our limitations and get reminded constantly.

A virtuous and self righteous view of “equality” is often used to remove the need to act “humanely” towards other humans.

The Laws are changed to be unjust and unfair.

The legislature, courts, police, army, public service, media - become corrupt.

Most humans see this all the time.

Transparency international <https://www.transparency.org/>



Sex

Humans choose who they are friends with, what conversations they have and what interactions they have socially. The more practice humans get with this activity the better and more experienced they get, the more ideas they are exposed to, the more discussions they have, the better communication skills they develop and the larger their world view becomes.

Communication is central to all human activity and uncensored communication can lead to improvements. Everyone needs to speak with people they have relationships with.

We can choose to have sex with someone.

Having sex is one of the main regular choices humans make and it is heavily wired into humans and connected to many complex human body and brain parts.

Negotiation and discussion of sex between two possible sexual partners needs to be practiced and is a great way to establish human connections and intimacy.



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<http://www.gutenberg.org/files/31550/31550-0.txt>
- “One never goes so far as when one doesn't know where one is going “ - **Johann Wolfgang von Goethe** *Letter to Carl Friedrich Zelter* (3 December 1812)
- World Bank Inequality <https://www.worldbank.org/en/topic/isp>
- Unesco <https://en.unesco.org/>
- Earth Policy Institute (**Lester Brown**) http://www.earthpolicy.org/index.php?/books/pb4/pb4_table_of_contents
- The Brights (**Daniel Dennett, Richard Dawkins, James (amazing) Randi, A C Grayling, Stephen Pinker**) – Morality <http://www.the-brights.net/morality/>
- The European Court of Human Rights <https://www.echr.coe.int/Pages/home.aspx?p=home>
- American Civil Liberties Union <https://www.aclu.org/>
- “Hope Is a Decision” - **Daisaku Ikeda** <https://www.daisakuikeda.org/>
- “We have a choice. We have two options as human beings. We have a choice between conversation and war. That's it. Conversation and violence. And faith is a conversation stopper.” - **Sam Harris**
- “These things thou must always have in mind: What is the nature of the universe, and what is mine--in particular: This unto that what relation it hath: what kind of part, of what kind of universe it is: And that there is nobody that can hinder thee, but that thou mayest always both do and speak those things which are agreeable to that nature, whereof thou art a part “ - **Marcus Aurelius** (the Second Book VI)
<http://www.gutenberg.org/cache/epub/2680/pg2680.txt>
- “They who have presumed to dogmatize on nature, as on some well investigated subject, either from self-conceit or arrogance, and in the professorial style, have inflicted the greatest injury on philosophy and learning.” - **Francis Bacon**