

# Sample Essay Gp

George Murdock

*Murdock, G.P. 1959. Africa: Its peoples and their culture history. New York: McGraw-Hill. Murdock, G. P. 1965. Culture and Society: Twenty-Four Essays. Pittsburgh:*

George Peter ("Pete") Murdock (May 11, 1897 – March 29, 1985), also known as G. P. Murdock, was an American anthropologist who was professor at Yale University and University of Pittsburgh. He is remembered for his empirical approach to ethnological studies and his study of family and kinship structures across differing cultures.

His 1967 Ethnographic Atlas dataset on more than 1,200 pre-industrial societies is influential and frequently used in social science research. He also created the Standard Cross-Cultural Sample with Douglas R. White.

He is also known for his work as an FBI informant on his fellow anthropologists during McCarthyism.

C. R. Rao

*Krishnaiah). Handbook of Statistics 6: Sampling. North-Holland. 1969. (Ed. with R. C. Bose, I. M. Chakravarti et al.). Essays in Probability and Statistics, Monograph*

Prof. Calyampudi Radhakrishna Rao (10 September 1920 – 22 August 2023) was an Indian-American mathematician and statistician. He was professor emeritus at Pennsylvania State University and research professor at the University at Buffalo. Rao was honoured by numerous colloquia, honorary degrees, and festschrifts and was awarded the US National Medal of Science in 2002. The American Statistical Association has described him as "a living legend" whose work has influenced not just statistics, but has had far reaching implications for fields as varied as economics, genetics, anthropology, geology, national planning, demography, biometry, and medicine." The Times of India listed Rao as one of the top 10 Indian scientists of all time.

In 2023, Rao was awarded the International Prize in Statistics...

Capillary electrophoresis

*buffer solution. To introduce the sample, the capillary inlet is placed into a vial containing the sample. Sample is introduced into the capillary via*

Capillary electrophoresis (CE) is a family of electrokinetic separation methods performed in submillimeter diameter capillaries and in micro- and nanofluidic channels. Very often, CE refers to capillary zone electrophoresis (CZE), but other electrophoretic techniques including capillary gel electrophoresis (CGE), capillary isoelectric focusing (CIEF), capillary isotachopheresis and micellar electrokinetic chromatography (MEKC) belong also to this class of methods. In CE methods, analytes migrate through electrolyte solutions under the influence of an electric field. Analytes can be separated according to ionic mobility and/or partitioning into an alternate phase via non-covalent interactions. Additionally, analytes may be concentrated or "focused" by means of gradients in conductivity and pH...

Frank Tannenbaum

*Functions and Social, Consequences. G.P. Putnam&#039;s Sons: New York, 1921 Wall Shadows: A Study in American Prisons. G.P. Putnam&#039;s Sons: New York, 1922 (And*

Frank Tannenbaum (March 4, 1893 – June 1, 1969) was an Austrian-American historian, sociologist and criminologist, who made significant contributions to modern Mexican history during his career at Columbia University.

Mobbing

*from employment. Janice Harper followed her Huffington Post essay with a series of essays in both The Huffington Post and in her column &quot;Beyond Bullying:*

Mobbing, as a sociological term, refers either to bullying in any context, or specifically to that within the workplace, especially when perpetrated by a group rather than an individual.

### Statistical significance

*involves drawing a sample from a population, there is always the possibility that an observed effect would have occurred due to sampling error alone. But*

In statistical hypothesis testing, a result has statistical significance when a result at least as "extreme" would be very infrequent if the null hypothesis were true. More precisely, a study's defined significance level, denoted by

$\alpha$

$\{\displaystyle \alpha \}$

, is the probability of the study rejecting the null hypothesis, given that the null hypothesis is true; and the p-value of a result,

$p$

$\{\displaystyle p\}$

, is the probability of obtaining a result at least as extreme, given that the null hypothesis is true. The result is said to be statistically significant, by the standards of the study, when

$p$

$\leq$

$\alpha$

$\{\displaystyle p \leq \alpha \}$

. The significance...

### Ray Ring

*spirited White woman who face racial violence on a spectacular landscape. A sample review in The Arizona Daily Star said it's a "compulsively readable new*

Ray H. Ring is an American novelist and journalist. Ring has been based in the American West since the 1970s, with stints in Arizona, Colorado and Montana.

### Single-cell analysis

*(FACS) allow the precise isolation of selected single cells from complex samples, while high-throughput single-cell partitioning technologies enable the*

In cell biology, single-cell analysis and subcellular analysis refer to the study of genomics, transcriptomics, proteomics, metabolomics, and cell-cell interactions at the level of an individual cell, as opposed to more conventional methods which study bulk populations of many cells.

The concept of single-cell analysis originated in the 1970s. Before the discovery of heterogeneity, single-cell analysis mainly referred to the analysis or manipulation of an individual cell within a bulk population of cells under the influence of a particular condition using optical or electron microscopy. Due to the heterogeneity seen in both eukaryotic and prokaryotic cell populations, analyzing the biochemical processes and features of a single cell makes it possible to discover mechanisms which are too subtle...

### Randomized controlled trial

*Animal Magnetism in 1784 to investigate the claims of mesmerism. An early essay advocating the blinding of researchers came from Claude Bernard in the latter*

A randomized controlled trial (or randomized control trial; RCT) is a form of scientific experiment used to control factors not under direct experimental control. Examples of RCTs are clinical trials that compare the effects of drugs, surgical techniques, medical devices, diagnostic procedures, diets or other medical treatments.

Participants who enroll in RCTs differ from one another in known and unknown ways that can influence study outcomes, and yet cannot be directly controlled. By randomly allocating participants among compared treatments, an RCT enables statistical control over these influences. Provided it is designed well, conducted properly, and enrolls enough participants, an RCT may achieve sufficient control over these confounding factors to deliver a useful comparison of the treatments...

Thrifty phenotype

*they were likely to underestimate this association, since they could only sample the surviving patients, and patients having more severe manifestations of*

Thrifty phenotype refers to the correlation between low birth weight of neonates and the increased risk of developing metabolic syndromes later in life, including type 2 diabetes and cardiovascular diseases. Although early life undernutrition is thought to be the key driving factor to the hypothesis, other environmental factors have been explored for their role in susceptibility, such as physical inactivity. Genes may also play a role in susceptibility of these diseases, as they may make individuals predisposed to factors that lead to increased disease risk.

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