

Theories by Discipline

DisciplineName		Conceptual Model V	alidity
Theory Name, Type Description Value / Theory Description / Theor	rv Citation	-	•
None			
11 NoJustification	Nil	Uncodified	0
Arbitrary or accidental choice	1411	Sheounica	0
None			
43 Not Modeled	Nil	Uncodified	0
Not included in the model			
None			
Anthropology			
157 AssymetricInfoNoTrus Assympticia Info (Nia Trust / Tamariatia Vialanaa) anauna fiakt kaapusa af laak af trust tamariga ana anathar t	SWAG	Scientific Wild Assed Guess	2
Assymetric Info / No Trust / Terroristic Violence: groups fight because of lack of trust, terrorize one another to			
Schneider, Harold K., 1979 Livestock and Equality in East Africa : The Economic Basis for Social Structure. I Freund, Mary Theresa, and Jeffrey A. Kurland, 1994 Tit-for-tat among the Iroquois: A Game Theoretic Persy Anthropological Archaeology 13:278-305.			
150 CircumscriptionTheor	PeerRvw	Peer reviewed theory	3
People fight over resources that are scarce relative to population levels			
Carneiro, Robert L., 1970 A Theory of the Origin of the State. Science 169:733-738.; 2002 Was the Chiefdom	a Congelation of	of Ideas? Social Evolution and History	1(1):80-100.
156 CulturalGroupSelecti	SWAG+	SWAG with some review	2.5
Cultural Group Selection: only cultures with people who favor group survive. Leads to natural altruism toward	l in-group, xenop	phobia toward out-group.	
Soltis, Joseph, Robert Boyd, and Peter J. Richerson, 1995 Can Group-functional Behaviors Evolve by Cultural Richerson, Peter J., and Robert Boyd, 2005 Not by Genes Alone: How Culture Transformed Human Evolution	•		94.;
147 CulturalSuccess	PeerRvw+	Well reviewed theory	3.5
Men fight to achieve culturally-defined success, in order to attract mates			
Chagnon, Napoleon, 1988 Life Histories, Blood Revenge, and Warfare in a Tribal Population. Science 239: 98 Evolutionary Biology and Human Social Behavior. Napoleon Chagnon and William Irons, eds. Pp. 257-272. N	North Scituate, N	Aasachussetts: Duxbury	
149 EconomicDefendabilit	PeerRvw+	Well reviewed theory	3.5
Economic defendability: people fight when resources are predictable and valuable			
Dyson-Hudson, Rada, and Eric Alden Smith, 1978 Human Territoriality: An Ecological Reassessment. Ameri	1	•	2.5
178 FineArt Development	SWAG+	SWAG with some review	2.5
superfluity of food resources makes possible the development of fine arts			
153 FraternalInterestGro	SWAG	Scientific Wild Assed Guess	2
Fraternal Interest Groups: males in groups have common interests and fight to protect			
Otterbein, Keith F., 1970 The Evolution of War: A Cross-Cultural Study. New Haven, Connecticut: HRAF Provide the Context of th	ress.		
236 Honor_Arab	PeerRvw	Peer reviewed theory	3
Losing honor results in humiliation and attempts to restore their honor can result in often violent struggles.			
Fontan, V. (2006). Polarization between occupier and occupied in post-saddam iraq: Colonial humiliation and Violence, 18(2), 217-238.	the formation o	f political violence. Terrorism and Poli	tical
175 Modernization Theory		Peer reviewed theory	3
theory of social evolution closely related to dependency theory and development theory: Western countries are societies to developed ones, third world countries need to be directed toward advancement	e the most devel	oped, development stages go from the	traditional
173 Neoevolution	PeerRvw	Peer reviewed theory	3
a modern multilineal cultural evolution theory that stresses empirical evidence			-
177 Origin of Government	PeerRyw	Peer reviewed theory	3
As farming populations gathered in larger and denser communities, interactions between different groups incre			
star formation, new structures suddenly appeared, together with a new level of complexity. Like stars, cities an gravitational field.			
David Christian, p. 245, Maps of Time			
235 PatronageArab	PeerRvw+	Well reviewed theory	3.5
Patronage is a key factor in maintaining power for Sheikhs. Followers accept tribal leader's authority and in ex finding jobs, emergency assistance, well-placed contacts for various needs. For the leaders, the ability to provio social responsibility to distribute funds and resources downwards through their tribe, and an inability to do so	de patronage is a	a critical source for their authority. Shei	
Mcfate, M. (2005). Iraq: The social context of IEDs. Military Review, May-June, 37-40. Pryce-Jones, D. (198 Weidenfeld & Nicolson. Wikan, U. (1984). Shame and honour: A contestable pair. Man, 19, 635-652.			ondon:
154 PopulationDensitFood	SWAG	Scientific Wild Assed Guess	2
Population Density - Food: when populations increase, pressure is placed on food resources; people fight			
Cohen, Mark, 1977 The Food Crisis in Prehistory. New Haven: Yale University Press.			

Theory Name, Type Description Value / Theory Description / Theory Citation

176 PostindustrialSociet	SWAG+	SWAG with some review	2.5
industrial societies are coming to an end and services and information are becoming more important than goods			
151 ProteinHypothesis	SWAG+	SWAG with some review	2.5
people in tribal societies fight over protein sources, esp. hunting territories			
Gross, Daniel, 1975 Protein Capture and Cultural Development in the Amazon Basin. American Anthropologist 7 Witches: The Riddles of Culture. New York: Random House.; Wilson, David J., 1999 Indigenous South Americ Boulder, Colorado: Westview Press.			
159 SacredValues	WAG+	WAG plus some science	1.5
Conflict over meterial issues and rationally motivated, but sacred symbols contested			
Atran, Scott, Robert Axelrod, and Richard Davis, 2007 Sacred Barriers to Conflict Resolution. Science 317:1039-	1040.		
158 SigmoidUtilityTheory	PeerRvw	Peer reviewed theory	3
Individuals and groups of individuals with common interest motivated by envy and greed with respect to others' so	cial status		
Friedman, Milton, and Leonard J. Savage, 1948 The Utility Analysis of Choices Involving Risk. Journal of Politic Uncertainty in a Peasant Economy. Stanford: Stanford University Press.; Kuznar, Lawrence A., 2001 Risk Sensit Models and Empirical Tests. Current Anthropology 42(3):432-440.; 2002 Evolutionary Applications of Risk Sens Sigmoid, Concave and Linear Functions. Evolution and Human Behavior 23(4):265-280.; 2007 Rationality Wars Unrest. American Anthropologist 109(2):318-329.; Kuznar, Lawrence A., and William G. Frederick, 2003 Environ Value, Risk Sensitivity, and Social Status. Ecological Economics 46:293-306.	ivity and Va itivity Mode and the Wa	lue among Andean Pastoralists: Measures, ls to Socially Stratified Species: Compari r on Terror: Explaining Terrorism and Soc	son of ial
152 Socialization	PeerRvw	Peer reviewed theory	3
people learn violence			
Whitings of HRAF			
174 Sociobiology	PeerRvw	Peer reviewed theory	3
adapts neo-Darwinism to social evolution, positing that humans are products of both biological evolution and socio	ocultural evo	olution	
155 TradingRaiding	SWAG	Scientific Wild Assed Guess	2
Intense interaction, disputes over trade, opportunities to steal motivate violence between groups			
Keeley, Lawrence H., 1996 War before Civilization: The Myth of the Peaceful Savage. Oxford: Oxford Universit	y Press.		
172 TransCulturalDiffusi	Accepted	Generally accepted theory	4
concept that ideas, styles, religions, technologies, languages, etc. spread between individuals and thus through and	between cul	tures	
171 UnilinealEvolution	WAG	Wild Assed Guess	1
concept that all societies pass through a single evolutionary process from the most primitive to the most advanced			
148 WomanCapture	PeerRvw+	Well reviewed theory	3.5
Men fight to capture women for wives; men fight over adultery		-	
Chagnon, N., 1977 Yanamamo. New York: Holt, Rinehart and Winston.			
6 Bureaucracy	SWAG+	SWAG with some review	2.5
Theory of bureacracies: design them so they work despite the individual			
Fayol, Henri			
12 Parkinson's Law	SWAG+	SWAG with some review	2.5
Work expands to fill the time available			
Parkinson, C. Northcote			
13 Peter Principle	SWAG	Scientific Wild Assed Guess	2
People rise to their level of incompetence			
Peter, Laurence J.			
	PeerRvw	Peer reviewed theory	3
128 Satisficing			
128 Satisficing decision making where the first choice that is within the acceptable range is picked			
5	SWAG	Scientific Wild Assed Guess	2
decision making where the first choice that is within the acceptable range is picked	SWAG	Scientific Wild Assed Guess	2
decision making where the first choice that is within the acceptable range is picked 1 Theory X	SWAG	Scientific Wild Assed Guess	2
 decision making where the first choice that is within the acceptable range is picked 1 Theory X Management style theory: people dislike work and must be coerced 	SWAG SWAG	Scientific Wild Assed Guess Scientific Wild Assed Guess	2
 decision making where the first choice that is within the acceptable range is picked 1 Theory X Management style theory: people dislike work and must be coerced McGregor, Douglas 			

Theory Name, Type Description Value / Theory Description / Theory Citation

Computer Science

Computer Science			
57 A*	Accepted	Generally accepted theory	4
A-star search algorithm finds the least-cost path from a given initial node to one goal node (out of one or more poss (usually denoted $f(x)$) to determine the order in which the search visits nodes in the tree. The distance-plus-cost he (usually denoted $g(x)$, which may or may not be a heuristic) and an admissible "heuristic estimate" of the distance t is the cost from the starting node to the current node.	sible goals). euristic is a s	It uses a distance-plus-cost heuristic function sum of two functions: the path-cost function	
1968 by Peter Hart, Nils Nilsson, and Bertram Raphael			
169 CoherenceThThought&A	PeerRvw	Peer reviewed theory	3
Coherence theory of thought and action			
Rescher, Nicholas. 1982. The coherence theory of truth. Washington, D.C.: University Press of America.; Rickheit discourse processing. New York: W. de Gruyer; Tannen, Deborah. 1984. Coherence in spoken and written discourse Coherence in Thought and Action. Cambridge, MA: MIT Press			
38 ContinuousSimulation	Accepted	Generally accepted theory	4
Continuous (actually time-stepped) simulation, with time units determining precision			
Various			
37 DiscreteEventSimulat	Accepted	Generally accepted theory	4
Discrete event simulation of time			
Various			
117 Greedy Algorithm	PeerRvw	Peer reviewed theory	3
an heuristic algorithm that at every step selects the best choice available without regard to future consequences			
45 Identical Variables	Accepted	Generally accepted theory	4
Connection is on a variable by variable basis, with exact semantic correspondence	riccopica	Senerally accepted moory	·
None			
36 MixedContinDiscrete	Accented	Generally accepted theory	4
Mixed continuous and discrete event simulation of time	riccopica		·
Various			
5 Programmer's Decision	WAG	Wild Assed Guess	1
The programmer had to make an implementation decision		in har issee Guess	•
None			
127 RandomNumberGenerato	PeerRvw+	Well reviewed theory	3.5
Random number generators do not generate truly random numbers. The quality of the generator determines the near			
generators when many modeled functions use them can also affect the "randomness"			
129 Simulated Annealing	Accepted	Generally accepted theory	4
computational method that is inspired by the annealing process (cf. annealing glass). Uses the Metropolis algorithm	•	Generally accepted moory	-
computational method that is inspired by the anicaling process (er. anicaling glass). Oses the Methopolis algorithm	in .		
39 Static model	PeerRvw	Peer reviewed theory	3
No time representation			
Various			
131 Tabu Search	Accepted	Generally accepted theory	4
a metaheuristic that guides a local heuristic search procedure to explore the solution space beyond local optimality			
234 TimeSteppedSimulatio	Accepted	Generally accepted theory	4
Time stepped simulation			
183 InputData	Accepted	Generally accepted theory	4
Input data treated as correct by the model none			
44 Likert Scales	PeerRvw	Peer reviewed theory	3
Subjective evaluations using Lickert Scalses	I COLLY W	i cer ieviewed theory	5
Various			
Economics, Macro			
010 Bendin and Carolina	A acomto J	Conorolly, accounted theory,	4

 212 BusinessCycles
 Accepted
 Generally accepted theory

 Business cycle is economy-wide fluctuation in production or economic activity over long periods - boom and bust cycle (or expansion/recession)
 Mass, N. 1975 Economic Cycles: An Analysis of Underlying Causes, Waltham, MA: Pegasus Communications; Sterman, J. D. 2000 Business Dynamics: Systems Thinking and Modeling for a Complex World. New York, NY McGraw-Hill/Irwin

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	PeerRvw Peer reviewed theory	
Capital flight occurs when assets and money rapidly flow out of a country due to an economic even Shibuya, H. 2001 Economic takeoff and capital flight _Esri Discussion Paper Series_ No 8 Tok http://www.esri.go.jp/en/archive/e_dis/abstract/e_dis/08-e.html		ovt of Japan
19 CurrencyCrisis	PeerRvw Peer reviewed theory	
Currency crisis/investment boom and bust, currency exchange defense		
Krugman, P. 2009 The Return of Depression Economics and the Crisis of 2008 New York, NY	W. W. Norton & Co	
17 Debt-deflationSpiral	PeerRvw Peer reviewed theory	
Debt deflation is a theory of economic cycles that holds that recessions and depressions are due	to overall level of debt shrinking (deflation)	
Graham, A. and Senge, P 1980, A long-wave hypothesis of innovation. Technological Forecastin Macroeconomics: Lessons from Japan's Great Recession New York, NY, Wiley	ng and Social Change 17 125-142; Koo, R. 2008 The Holy Grai	il of
18 Deficit-leadHyperinf	PeerRvw Peer reviewed theory	
Deficit-lead hyperinflation: government deficits can lead to hyperinflation		
Krugman, P. and Obstfeld, M. 2008 International Economics: Theory and Policy (8th edition) R	eading, Mass Addison-Wesley	
96 Endogenous Growth	PeerRvw Peer reviewed theory	
Innovative firms generate knowledge: knowledge is a public good which spills over into the eco Formulation: ensures the profitability of knowledge development to fuel innovation leading to it	ncreases in productivity	
Jones, C. 1995 Time Series Tests of Endogenous Growth Models, The Quarterly Journal of Ecc and their Empirical Support: An Assessment of the Convergence Hypothesis, Journal of Eccnor (International Convergence) (International Convergence) (Internation	nic Methodology 13	rowth Theories
14 MercantilismCurrency	PeerRvw Peer reviewed theory	
Currency exchange mercantilisim: by mispricing its currency (using subsidies, etc.) country gain Burgess, G. et al 2009 PA&E Global Economics Study Final Report: A reconnaissance of econor Analysis and Evaluation; Das, D. 2009 The evolution of renminbi yuan and the protracted depa 20(50) 570-579 Sep 2009	mic issues impacting DoD. Washington, DC DoD Directorate	
15 StagflationAndImport	PeerRvw Peer reviewed theory	
Stagflation is the coexistence of high inflation and high unemployment contribution of depender Bernanke, B. and Blinder, A 1988 Credit, money and aggregate demand _American Economic F An Integrated Approach to Credit, Money, Income, Production and Wealth, London Palgrave-M	Review_ 78(2) 435-439; Godley, W and Lavoie, M 2006, Mon acmillan	-
13 TradeBalanceForex	PeerRvw+ Well reviewed theory	3
Balancing trade through use of currency exchange rates	ndolfo, G. 2002 International Finance and Open-Economy Ma	ara agonomias
Curry, J. 2000 A Short Course in International Economics. Novato, CA: World Trade Press; Ga New York, NY Springer		
New York, NY Springer	PeerRvw+ Well reviewed theory	
New York, NY Springer	PeerRvw+ Well reviewed theory	
New York, NY Springer conomics, Micro 25 Preference Theory studies the fundamental aspects of individual choice behavior, such as how to identify and quant appropriate preference representation functions for decision making.	PeerRvw+ Well reviewed theory ify an individual's preferences over a set of alternatives and ho	
New York, NY Springer conomics, Micro 25 Preference Theory studies the fundamental aspects of individual choice behavior, such as how to identify and quant appropriate preference representation functions for decision making. 48 Prospect Theory	PeerRvw+ Well reviewed theory ify an individual's preferences over a set of alternatives and ho PeerRvw Peer reviewed theory	w to construct
New York, NY Springer conomics, Micro 25 Preference Theory studies the fundamental aspects of individual choice behavior, such as how to identify and quant appropriate preference representation functions for decision making.	PeerRvw+ Well reviewed theory ify an individual's preferences over a set of alternatives and ho PeerRvw Peer reviewed theory cory is a descriptive theory of choice explaining common attitu jects are asked for their preference between a gamble or a sure y or variability in attitudes toward risk. Other experiments ha	des toward risk z gain. The ave shown that
New York, NY Springer conomics, Micro 25 Preference Theory studies the fundamental aspects of individual choice behavior, such as how to identify and quant appropriate preference representation functions for decision making. 48 Prospect Theory A prospect is a contract {x1,p1;;xn,pn} that yields outcome xi with probability yi. Prospect the that violate the expected utility theory. The experiments involve hypothetical choices where sub experiments has shown the overweighting of certainty itself and not the aversion to uncertaint people perceive outcomes as gains or losses relative to their personal point of reference rather th	PeerRvw+ Well reviewed theory ify an individual's preferences over a set of alternatives and ho PeerRvw Peer reviewed theory cory is a descriptive theory of choice explaining common attitu- jects are asked for their preference between a gamble or a sure y or variability – in attitudes toward risk. Other experiments has an absolute final states. Finding the reference points and the p	w to construct des toward risk gain. The ave shown that
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New York, NY Springer conomics, Micro 25 Preference Theory studies the fundamental aspects of individual choice behavior, such as how to identify and quant appropriate preference representation functions for decision making. 48 Prospect Theory A prospect is a contract {x1,p1;;xn,pn} that yields outcome xi with probability yi. Prospect the that violate the expected utility theory. The experiments involve hypothetical choices where sub experiments has shown the overweighting of certainty itself and not the aversion to uncertaint people perceive outcomes as gains or losses relative to their personal point of reference rather th are the main challenges. Daniel Kahneman and Amos Tversky. Prospect theory: an analysis of decision under risk. Econd 99 Risk Propensity The individual's expected utility of a gamble is represented as V=E(u(w))=pu(w1)+(1-p)*u(w2). If the former is smaller than the latter, such behavior is called risk aversion. If the former is larg Bueno de Mesquita, B. 1985 The War Trap Revisitied: A Revised Expected Utility Model, The When Do Power Shifts Lead to War? American Journal of Political Science 36 26 Supply and Demand Supply versus Demand Curve Various 33 Utility Theory study of preferences structures and the ways to represent the preferences quantitatively	PeerRvw+ Well reviewed theory ify an individual's preferences over a set of alternatives and ho PeerRvw Peer reviewed theory vory is a descriptive theory of choice explaining common attitu jects are asked for their preference between a gamble or a sure y or variability in attitudes toward risk. Other experiments hi an absolute final states. Finding the reference points and the p pometrica, 47(2):263-292, 1979. PeerRvw+ Well reviewed theory). The expected value of the gamble is represented as u(e(w))= er than the latter, such behavior is called risk acceptant. Accepted Generally accepted theory	des toward risk gain. The ave shown that robability weigh =u(pw1+(1-p)w2

DisciplineName

Conceptual Model Validity

DIME/PMESII VV&A Tool, v1.52 © 2012, Hartley Consulting

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Theory Name, Type Description Value / Theory Description / Theory Citation

143 BehaviorConditioning	PeerRvw	Peer reviewed theory	3
Classical conditioning (sometimes referred to as Pavlovian conditioning) is a technique used in behavioral training response. Next, a previously neutral stimulus is paired with the naturally occurring stimulus. Eventually, the previous the presence of the naturally occurring stimulus. The two elements are then known as the conditioned stimulus and Pavlov, Skinner	g in which a sously neutral	l stimulus comes to evoke the response without	
145 Constructivism	PeerRvw	Peer reviewed theory	3
learning is an active process in which learners construct new ideas or concepts based upon their current/past knowl constructs hypotheses, and makes decisions, relying on a cognitive structure to do so. Cognitive structure (i.e., sch experiences and allows the individual to "go beyond the information given". The general framework for instruction development research. There are two distinguishing types: "cognitive constructivism" which is about how the indivistages and learning styles (See Jean Piaget), and "social constructivism", which emphasises how meanings and und Vygotsky) (especially Jean Piaget and Lev Vgotsky).	ledge. The le ema, mental n is based up vidual learne	earner selects and transforms information, models) provides meaning and organization to pon the study of cognition is linked to child er understands things, in terms of developmental	I
Bruner, 1960, 1966, Piaget, Vgotsky 226 EducationSystemFlow	SWAG+	SWAG with some review	2.5
Flow model of movement of students into, through, and out of education system with a parameterized dropout rate		SwAG with some review	2.3
Cobb, L (2001) "NationLab 1999: The Economic and Social Reconstruction of Bolivia." In Analysis for Crisis Re Woodcock and D Davis. Clementsport, Nova Scotia: The Canadian Peacekeeping Press.		Societal Reconstruction, edited by AER	
144 OperantConditioning	PeerRvw	Peer reviewed theory	3
Operant conditioning (sometimes referred to as instrumental conditioning) is a method of learning that occurs thro operant conditioning, an association is made between a behavior and a consequence for that behavior. If the situati (or not). The following model is used to explain and predict behavior: e.g. S: R> Sr (S consequences) A stimulus sets the occasion for a response to occur. If the response occurs it is followed by son set the occasion for a response (answer it). Depending on who it is will determine if it is a reinforcing consequence collector). If it is the latter, the next time the phone rings, the behavior will not likely be repeated.	on (context) stimulus := ne consequer	is present, the behavior is likely to occur again sets the occasion Response $->$ Sr - nces. Imagine a telephone ringing, which would	
142 SocialCognitiveLearn	PeerRyw	Peer reviewed theory	3
Social Cognitive (Learning) Theory (Bandura) Theory posits that people learn from one another, via observation contact with a stimulus or the consequences. The theory has often been called a bridge between behaviorist and co memory, and motivation but uses the same four term contingency of consequences (positive reinforcement, negati response cost (both which decrease responses) to explain how learning occurs. Bandura	gnitive learr	ning theories because it encompasses attention,	
Engineering, Civil			
106 Control Theory Differential & difference equations, stochastic processes, etc., to steer dynamical systems toward desired results	Accepted	Generally accepted theory	4
Geography, Human			
223 BirthRate-AgeSpecifi	Accented	Generally accepted theory	4
Age specific model of birth rate modeled as gamma distribution centered at age ten Valkovics, E (1983) "An indirect method of modeling age-specific fertility rates", Europ Demogr Inf Bull, vol 14, of fertility function by age of women in Poland", Studia Demogr, vol 91, pp 3-24.			1
224 DeathRate-Thatcher	Accepted	Generally accepted theory	4
Age specific model of mortality rate as union of infant mortality and adult mortality processes using a logistic mod	-		-
Thatcher, AR (1999) "The long-term pattern of adult mortality and the highest attained age", Journal of the Royal S		ociety, vol 162, part 1, pp 5-43.	
Geography, Physical			
34 Arc-Node network	SWAG+	SWAG with some review	2.5
Planar representation of significant points Various			
27 DTED-0	PeerRvw	Peer reviewed theory	3
Digital Terrain Elevation Data 0 is about 1 kilometer spacing			
US Govt			
28 DTED-1	PeerRvw+	Well reviewed theory	3.5
Digital Terrain Elevation Data 1 is about 100 meters spacing US Govt			

Conceptual Model Validity

Theory Name, Type Description Value / Theory Description / Theory Citation

29 DTED-2	Accepted	Generally accepted theory	4
Digital Terrain Elevation Data 2 is about 30 meters spacing	-		
US Govt			
33 Hex or Square grid	PeerRvw	Peer reviewed theory	3
Planar representation depending on size of grid			
Various			
31 Lat-Long coordinates	Accepted	Generally accepted theory	4
Planar dimensions taking acount of Earth's shape			
Various			
35 No spatial coords	SWAG	Scientific Wild Assed Guess	2
No spatial representation			
Various			
32 XY coordinates	PeerRvw+	Well reviewed theory	3.5
Planar dimensions with good local representation			
Various			

 146 DemographicStructura
 SWAG
 Scientific Wild Assed Guess
 2

 Demographic-structural theory: Population growth beyond the means of subsistence leads to declining levels of consumption and popular discontent, but this is not enough to destabilize agrarian societies. Peasant uprisings have little chance of success when the governing élites are unified and the state is strong. The connection between population dynamics and instability is indirect, mediated by the long-term effects of population growth on social structures. One effect is the increasing number of aspirants for élite positions, resulting in rivalry and factionalism. Another consequence is persistent inflation, which causes a decline in real revenues and a developing fiscal crisis of the state. As these trends intensify, they result in state bankruptcy and a loss of military control; conflict among élite factions; and a combination of élite-mobilized and popular uprisings, leading to the breakdown of central authority.

Turchin, Peter, "Arise 'cliodynamics'," Nature, Vol 454, No 3, 3 July 2008; Turchin, P. & S. Nefedov, Secular Cycles, Princeton Univ Press, 2008

Law

Linguistics

167 Discourse Theory Accepted Generally accepted theory 4 A branch of ethnomethodology focusing on interactive communication. Blommaert, Jan. 2005. Discourse: A Critical Introduction. New York: Cambridge University Press; Tannen, Deborah and James E. Alatis. 2003. Linguistics, language and the real world : discourse and beyond. Washington, D.C. PeerRvw Peer reviewed theory 3 62 SemanticDifferential Segod's semantic differential was designed to measure the connotative meaning of concepts. The respondent is asked to choose where his or her position lies, on a scale between two bipolar words, or a range of words or numbers ranging across a bipolar position (for example, 'Excellent', 'Good', 'Adequate', 'Poor', 'Inadequate', or from 5 (powerful) down to 1 (weak). The development of this instrument provides an interesting insight into the border area between Imjustics and psychology. People have been describing each other since they developed the ability to speak. Most adjectives can also be used as personality descriptors. The occurrect of thousands of adjectives in glish is an attestation of the subtleties in descriptions of persons and their behavior speakers of English developed over millennia. Roget's Thesaurus is an early attempt to classify

most adjectives into categories and was used within this context to reduce the number of adjectives to manageable subsets, suitable for factor analysis. Osgood, C.E., Suci, G., & Tannenbaum, P. (1957) The measurement of meaning. Urbana, IL: University of Illinois Press Snider, J. G., and Osgood, C. E. (1969) Semantic Differential Technique: A Sourcebook. Chicago: Aldine. Osgood, C. E., May, W. H., and Miron, M. S. (1975) Cross-Cultural Universals of Affective Meaning. Urbana, IL: University of Illinois Press Krus, D.J., & Ishigaki, Y. (1992) Kamikaze pilots: The Japanese and the American perspectives. Psychological Reports, 70, 599-602.

Mathematics

209 CommunicationTheory	PeerRvw+	- Well reviewed theory	3.5
Derived from Information Theory			
Cover, T. M. and Thomas, J. A. 1991 Elements of information theory			
208 Information Theory	Accepted	Generally accepted theory	4
Quantification of information, involves entropy, with many applications			
Shannon, Claude 1948 "A Mathematical Theory of Communication", Bell System Technical Journal, 27			

Theory Name, Type Description Value / Theory Description / Theory Citation

Medicine

Medicine			
54 DALY Model	SWAG+	SWAG with some review	2.5
Disability Adjusted Life Years (DALY). DALYs measure the gap between the average life. The gap is created by premature death and by ill health, and the commonly understot that are "lost" to the population and are computed as the sum of Years of Life Lost due t YLDs are given by a function of the incidence rates of a given health state, the average t valuation of the health state (0 is completely healthy and 1 is dead). YLLs may simply b duration equal to the remaining life expectancy from the time of death.	person's life across many different lev ood metric to evaluate these gaps is tin to premature death (YLLs) and Years time spent in that health state (duration	els of health and a theoretical perfe e. Specifically, they measure years Lost to Disability due to ill health (n), and a corresponding weight that	ectly healthy s of healthy life (YLDs): provides a
Mathers CD, Vos T, Lopez AD, Salomon J, Ezzati M (ed.) 2001. National Burden of Health Policy. Geneva: World Health Organization	Disease Studies A Practical Guide.	Edition 2.0 Global program on Evi	dence for
51 Epidemic SIR Model	PeerRvw	Peer reviewed theory	3
SIR (Susceptible – Infectious – Recovered) model.SIR model illustrates the transition of disease	of a healthy person to a sick person to a	a dead person (or recovered persor	i) by a generic
W. O. Kermack and A. G. McKenrick, 1927 52 Epidemic SIS Model	SWAG+	SWAG with some review	2.5
Susceptible-Infectious-Susceptible (SIS) models adapted from the SIR model	SWAG	5 WAG with some review	2.3
225 EpidemicHoppenstaedt	PeerRvw+	Well reviewed theory	3.5
Full spatial version of the standard SIR model, discretized integro-differential equations	3		
Hoppensteadt, F (1975) Mathematical Theories of Populations, Demographics, and Epid the Society for Industrial and Applied Mathematics (SIAM).		ence Series in Applied Mathematic	s. Published by
Meteorology			
41 Meteorology	SWAG+	SWAG with some review	2.5
Effects of atmospheric conditions on general operations			
Various			
Military Science			
10 BonderFarrell	PeerRvw+	Well reviewed theory	3.5
Bonder-Farrel attrition at the item level			
Bonder & Farrell			
113 FM 3-24	PeerRvw+	Well reviewed theory	3.5
Counterinsurgency manual			
US Army 12/06			
9 HartleyLogLinearLaw	PeerRvw	Peer reviewed theory	3
Attrition at the aggregated level Hartley			
7 LanchesterLinearLaw	SWAG+	SWAG with some review	2.5
"Area Fire" attrition at the aggregated level			
Lanchester			
8 LanchesterSquareLaw	SWAG+	SWAG with some review	2.5
"Aimed Fire" attrition at the aggregated level			
Lanchester			
114 Small Wars Manual	PeerRvw+	Well reviewed theory	3.5
Counterinsurgency USMC 1940			
Operations Research			
101 AHP	PeerRvw+	Well reviewed theory	3.5
Analytic Hierarchy Process derives ratio scales from both discrete and continuous paired Saaty		-	
65 Bayes' Theorem	Accepted	Generally accepted theory	4
Bayes' theorem relates the conditional and marginal probabilities of events A and B, who various		y y	
102 BayesianDecisionTheo	Accented	Generally accepted theory	4
Uses Bayes Rule to update probability based on new evidence		· · · · · · · · · · · · · · · · · · ·	·
103 BoundedRationality	Accented	Generally accepted theory	4
A theory of choice making that says the reason people don't make fully rational choices i	-		•
Simon, 1955, 1979; Gigerenzer, Gerd and Reinhard Selten. 2002. Bounded Rationality:			1997.

Simon, 1955, 1979; Gigerenzer, Gerd and Reinnard Seiten. 2002. Bounded Rationality: The Adaptive Toolbox. Cambridge, MA: MIT Press; Rubinstein, Ariel. 1997 Modeling Bounded Rationality. Cambridge, MA: MIT Press; Simon, Herbert Alexander. 1982. Models of bounded rationality. Cambridge, MA: MIT Press

Conceptual Model Validity

Theory Name, Type Description Value / Theory Description / Theory Citation

Theory Name, Type Description Value / Theory Description / Th	eory Citation		
105 Cluster Analysis A generic term for various procedures used to objectively group entities based on similarities and different	-	erally accepted theory	4
107 CostEffectivenessAna	Accepted Gen	erally accepted theory	4
Cost Effectiveness Analysis compares costs, benefits and risks of alternative solutions.			
108 DEA	Accepted Gene	erally accepted theory	4
Data Envelopment Analysis (DEA) is finding the efficient frontier of economic alternatives			
109 Decision Tree		erally accepted theory	4
pictorial description, nodes & arcs, of connections among decisions and chance events - must be tree sha	bed. Evalutes to best expect	.ed value	
66 Dempster-ShaferTheor The Dempster-Shafer theory is a mathematical theory of evidence[1] based on belief functions and plaus (evidence) to calculate the probability of an event. The theory was developed by Arthur P. Dempster and various	ble reasoning, which is use	erally accepted theory d to combine separate pieces of	4 f information
56 Dijkstra's algorithm	Proved Scie	ntifically proved theory	5
For a given source vertex (node) in the graph, the algorithm finds the path with lowest cost (i.e. the short for finding costs of shortest paths from a single vertex to a single destination vertex by stopping the algor determined. For example, if the vertices of the graph represent cities and edge path costs represent drivin algorithm can be used to find the shortest route between one city and all other cities. Edsger Dijkstra in 1959	est path) between that verte thm once the shortest path	ex and every other vertex. It can to the destination vertex has be	n also be used een
111 DynamicProgramming	Accepted Gene	erally accepted theory	4
both an approach to problem solving and a decomposition technique where there is a sequence of interrel Bellman, 1957	ated decisions. Uses recurs	ive modeling and works backw	ard
112 ExponentialSmoothing	Accepted Gene	erally accepted theory	4
a technique for revising an estimate of the average of a time series to extrapolate as a forecast. New forec	•	, , ,	
115 Game Theory	PeerRvw+ Wel	l reviewed theory	3.5
Bennett, Peter G. 1995. "Modeling decisions in international relations: Game theory and beyond." Mersl Oskar Morgenstern. 1944. Theory of Games and Economic Behavior. Princeton, NJ: Princeton Universit and decision theory in multi-agent systems." Autonomous Agents and Multi-Agent Systems 5:243-254; N Theoretic and Decision Theoretic Agents: AAAI Spring Symposium, edited by S. Parsons and P. Gmytr Intelligence; Nash	y Press; Parsons, Simon and Vane, Russell R. 2001. "Hyp	d Michael Wooldridge. 2002. "Coorgame theory for DTGT agent	Game theory ts." in Game
116 Graph Theory study of interconnetions of various elements	PeerRvw+ Wel	l reviewed theory	3.5
study of incredinctions of various contents			
118 HiddenMarkovModels statistical models comprising a Markov chian whose states are associated with some probability distribut		l reviewed theory s	3.5
110 Influence Diagram equivalent to symmetric decision tree	Accepted Gene	erally accepted theory	4
61 Linear Programming Optimal selection	Proved Scie	ntifically proved theory	5
Dantzig			
119 Little's Law relates the number of customers in a queueing system to the waiting time of customers for a system in ste		ntifically proved theory	5
120 Markov Chains a Markov Process whose state space is discrete while its time domain may be either continuous of discret completely determined by the present state)		ntifically proved theory that probabilities of future ever	5 nts are
121 MAUT	Accepted Gen	erally accepted theory	4
Multi-Attribute Utility Theory (MAUT) is useful in quantifying the relative attractiveness of alternatives	with multiple attributes, ea	ch with its own relative import	ance
122 MCDM	PeerRvw+ Wel	l reviewed theory	3.5
Multiple Criteria Decision Making (MCDM) includes deterministic and stochastic outcomes and explicit by constraints) alternatives. Several techniques are available	t (enumerated) decision alto	ernatives or implicit (alternative	es specified
123 Neural Networks	PeerRvw+ Wel	l reviewed theory	3.5
computational models inspired by networks of neurons			

Theory Name, Type Description Value / Theory Description / Theory Citation

124 Portfolio Theory	PeerRvw+	Well reviewed theory	3.
method of selecting a portfolio of options using economic concepts			
53 Queueing Theory	Proved	Scientifically proved theory	
Derivation of wait times, service times, etc. from structure of queues			
various	D D .	W7.11 - 1.4	
104 RPD and ImageTheory Both Recognitions Drimod Decision Melting (BDD) and Image theory are models of choice making in		Well reviewed theory	3.
Both Recognitions-Primed Decision Making (RPD) and Image theory are models of choice making in evaluated	nvolving pre-existing kno	wiedge structures against which situation	ons are
Klein, 1993; Beach, 1990, 1993 60 Search Theory	Proved	Colontifically, proved theory	
Theory of how to search for an object and expected results of the search	Floved	Scientifically proved theory	
Search and Detection, Alan R. Washburn, MAS, ORSA (now INFORMS), 1989			
132 Time Series Analysis	Accepted	Generally accepted theory	
most popular time series forecasting method is ARIMA	1	5 1 5	
Box, Jenkins and Reinsel (1994), Pandit & Wu (1974)			
194 Arms Race	PeerRvw	Peer reviewed theory	
Arms races will lead to the "cone of mutual deterrence" based on the parameter estimates and nation's		-	
Gilbert, Rider & Hutchison 2005			
160 ContingencyTheory	SWAG+	SWAG with some review	2.
conflict is contingent on unusual or irregular conditions that cause disruptions in conventional politics social attributes of countries to explain variation in their conflict experiences.	s. The contingent approach	h leads one to study the political, econo	omic and
Harry Eckstein. "Theoretical Approaches to Explaining Collective Political Violence." In T.R. Gurr (Free Press.	(ed.) Handbook of Politic	al Conflict, pp. 135-166. 1980. New Yo	ork: The
191 Deterrence, Classical	PeerRvw+	Well reviewed theory	3.
Nuclear arms races ensure peace. Ultra stable solution can be reached through mutually assured destru		,	
Brodie, B. 1959 Strategy in the Missile Age; Waltz, K. 1979 Theory of International Politics; Mearsh	neimer, J. 2001 The Trage	edy of Great Power Politics	
193 Deterrence, Dynamic	PeerRvw+	Well reviewed theory	3.
A country chooses both rate of fire and a targeting strategy, either city or arsenal. The 4 stages of nucl Retaliation, c. Nuclear capabilities of two countries are equal but arsenal is not enough to assure retal			. Massive
Intriligator, M. and Brito, D. 1976 Formal Models of Arms Race, Journal of Peace Science 2 & 1984 Resolution 28	Can Arms Races Lead to	the Outbreak of War? Journal of Confl	lict
192 Deterrence, Game Theor	PeerRvw+	Well reviewed theory	3.
Focuses on interplay of preferences, choices in determining interstate conflict behavior and outcomes		<u>,</u>	
Schelling, T. 1960 The Strategy of Conflict; Fearon 1994 Signaling versus the Balance of Power and Conflict Resolution 38; Powell, R. 1987 Crisis Bargaining, Escalation and MAD, American Political			
251 EconomicVoting	PeerRvw+	Well reviewed theory	3.
Economic conditions do affect popularity, but the effects are not simple and linear. 1) E-fraction: econelections) 2) The big two: the vote reacts to a few macroeconomic variables—mainly unemployment horizon 4) Retrospective/ prospective controversy: voters react to past events more than to expected sociotropic (national) economic voting is generally stronger than egotropic (personal) economic votin than to corresponding positive ones	/ growth and inflation 3) V lones, but the difference i	Voters are myopic and so have a short t is small 5) Sociotropic/ egotropic contr	ime oversy:
Lewis-Beck, M. (2000). Economic voting: an introduction. Electoral Studies, 19(2-3), 113-121. doi:1	0.1016/S0261-3794(99)0	00042-6	
220 GovernanceQVP		Peer reviewed theory	
Quest for Viable Peace (QVP) as description of governance: descriptive & normative relationships at society & illegitimate beneficiaries to the state through dollar flows to the beneficiaries, taxes to the state through dollar flows to the beneficiaries.	state & resources to benef	ficiaries	
Lofdahl, C. 2010 "Governance and Society" in Estimating Impact: A Handbook of Computational Me Security Effects in International Interventions, Springer; Covey, et al (eds.) 2005 The Quest for Viab transformation, Washington, DC, US Institute for Peace; Blair et al 2005 "Developing a legitimate Po- transformation."	le Peace: International in	tervention and strategies for conflict	ind
161 InherencyTheory	SWAG+	SWAG with some review	2.
The inherent perspective assumes that violent political conflict emerges out of low-level contentious researchers to focus on the conditional behavior of parties to conflict and how that behavior changes of the second s	over time.		
Harry Eckstein. "Theoretical Approaches to Explaining Collective Political Violence." In T.R. Gurr (Free Press.	(ed.) Handbook of Politic	al Conflict, pp. 135-166. 1980. New Yo	ork: The
245 LegitimacyCharismatc	PeerRvw	Peer reviewed theory	
Charismatic Authority- based on the charisma, character, or public perception of a leader			
Weber, M. (1978). Economy and society. (G. Roth & C. Wittich, Eds.)New York (Vol. 4). Universit	y of California Press.		
249 LegitimacyCongruence	SWAG	Scientific Wild Assed Guess	

Theory Name, Type Description Value / Theory Description / Theory Citation

211. Equing Channel Person (Second Barry Contention of Anticipation of Contention of Anticipation Contention of Anticipation of Contention of Anticipation Contention of Anticipation of Contention of Contenio Contention of Contention of Contenio Conte		v		
 Lock, J. (100). The training of generative density lengths and training (2) 2012/02:02:02.000.000.000.000.000.0000.0000		PeerRvw	Peer reviewed theory	3
 In construct data legitimatery. Results for 22 countries. European Journal of Policial Research. 4(3), 498-52, 604:101.111/1426-2058.000.00027. Campaton is also understood to be a hariter to legitimacy although the line between corrangton and patronage is older darum by perception. Schlagen, M.A., 2008b, The Ingree of Comparison Regimes Legitimacy although the one between corrangton and patronage is older darum by perception. Schlagen, M.A., 2008b, The Ingree of Comparison Regimes Legitimacy and the dark start of the st				
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in Relationship between errors, security, and legitimacy Cuaminas, J. Coopol, Jasse Voting and Crime in Generatoria Elections. Social Science Quarterly, 90(3), 632–651, Wiley Online Library, Retrieved from http://www.fast.ens.com/doi:10.1111/j.1540.6237.2002.0003.53.ygf Lawh, R. D. (2003). Measuring legitimacy in volas tasks: Granden Subarder Clouring Library, Weil reviewed theory and Optimin of influencial science of Lawren Measuring Legitimacy and Public Interview. Weil reviewed theory and Optimin of influencial science of Lawren Measuring Library and Public Interview. Weil reviewed theory and Optimin of influencial science of Lawren Measuring Library and		DD	De un marci anno d de a anno	2
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Theory Name, Type Description Value / Theory Description / Theory Citation

Psychology

163 AffectControlTheory

Generalizations: 1) actors generate feelings appropriate to a social situation, 2) actors who can't maintain their feelings redefine their views of the situation Heise, David R. 1979. Understanding Events: Affect and the Construction of Social Action. New York: Cambridge University Press.; ---. 2006. Expressive Order: Confirming Sentiments in Social Actions. New York: Springer, MacKinnon, Neil J. 1994. Symbolic Interactionism as Affect Control. Albany, NY: SUNY Press; Smith-Lovin, Lynn. 1988. "Affect control theory: An assessment." in Analyzing Social Interaction: Advances in Affect Control Theory, edited by L. Smith-Lovin and D. R. Heise. New York: Gordon and Breach

95 Attitude Functions

persuasion is highest when the message address the attitude function of listener (e.g., utilitarian function, social identity function) DeBono, 1987; Prentice, 1987; Shavitt, 1990, Shavitt et al., 1992

89 Attribution Theory1

Attribution theory is concerned with how individuals interpret events and how this relates to their thinking and behavior. Attribution theory assumes that people try to determine why people do what they do. A person seeking to understand why another person did something may attribute one or more causes to that behavior. According to Heider a person can make two attributions 1) internal attribution, the inference that a person is behaving in a certain way because of something about the person, such as attitude, character or personality. 2) external attribution, the inference that a person is behaving a certain way because of something about the situation he or she is in. Heider, 1958

90 Attribution Theory 2

Kelley expanded on Heider's model and attempted to explain the cognitive process by which people generate internal or external explanations Kelley proposed that individuals observe three types of covariant data when assessing the causal origin of behavioral events. Consensus, consistency, and distinctiveness are all considered when interpreting the cause of a behavior. Consensus refers to whether others behave identically in the given situation. Consistency refers to whether the individual behaves identically from case to case in the given situation. Distinctiveness refers to whether the individual behaves identically when the given situation is changed. Kelley, 1967

91 Attribution Theory3

Weiner added an additional dimension to causal interpretation when he proposed that the stability of the cause is also included in individual's explanations of outcomes. The distinction between stable, non-variable causes (such as innate ability for internal attributions and inherent task difficulty for external attributions) and unstable, variable causes (such as effort and luck respectively) was combined with Heider's internal/external dimension to form a basis for classifying the performance attributions made by individuals. Weiner 1971

69 BehavioralTheory

Behavioral Theory (Skinner). Behaviorism is a theory of learning based upon the idea that all behaviors are acquired through conditioning. Conditioning occurs through interaction with the environment. Changes in behavior are the result of the consequences (Positive reinforcement, negative reinforcement, positive punishment, or response cost) of an individual's response to events (stimuli) that occur in the environment. A great deal of attention was given to schedules of reinforcement (e.g. interval versus ratio) and their effects on establishing and maintaining behavior. One of the distinctive aspects of Skinner's theory is that it attempted to provide behavioral explanations for a broad range of cognitive phenomena. For example, Skinner explained drive (motivation) in terms of deprivation and reinforcement schedules. Skinner (1957) tried to account for verbal learning and language within the operant conditioning paradigm, although this effort was strongly rejected by linguists and psycholinguists. Skinner (1971) deals with the issue of free will and social control

Skinner

239 BeliefDesireIntentio

Build artificial intelligence agents based on beliefs, desires & intentions.

Georgeff, M., Pell, B., Pollack, M., Tambe, M., & Wooldridge, M. (1999). The belief-desire-intention model of agency. Intelligent Agents V: Agents Theories, Architectures, and Languages. 5th International Workshop, ATAL'98. Proceedings. , 1555 1-10.

170 BigFiveFactorModel

SWAG+ SWAG with some review 2.5 Started as Neuroticism-Extroversion-Openness Inventory (NEO-I), later revised as NEO Personality Inventory (NEO PI-R). Claims personality encompasses five major traits (with subtraits): neuroticism, extraversion, openness, agreeableness and conscientiousness. Robert McCrae & Paul Costa, 1970s; Goldberg, 1994; critique O'Neil, 2007

46 CognitiveDissonanceT

SWAG+ SWAG with some review Cognitive Dissonance Theory (Festinger) Social psychologist Leon Festinger first proposed the theory in 1957 after the publication of his book When Prophecy Fails, observing the counterintuitive belief persistence of members of a UFO doomsday cult and their increased proselytization after the leader's prophecy failed. The failed message of earth's destruction, purportedly sent by aliens to a woman in 1956, became a disconfirmed expectancy that increased dissonance between cognitions, thereby causing most members of the impromptu cult to lessen the dissonance by accepting a new prophecy: that the aliens had instead spared the planet for their sake.

http://en.wikipedia.org/wiki/Cognitive_dissonance, May 2008. Leon Festinger. A Theory of Cognitive Dissonance. Stanford University Press, 1957.

96 ElaborationLikelihoo

Elaboration Likelihood Model (ELM) posits that attitude change can occur through either of tw different processing routes: central or peripheral. Central route processing produces attitude change based on careful evaluation of the arguments contained in the messages. Peripheral route processing is associated with less thoughtful processing, such as reliance on cues or heuristics unrelated to the merits (e.g., the message has an attractive source). Petty & Cacioppo, 1986; Petty & Wegener, 1999

164 Ethnomethodology

Empirically-oriented study of microinteraction and its conceptual framework.

Garfinkel, Harold. 2006. Seeing Sociologically: The Routine Grounds of Social Action. Boulder, CO: Paradigm Publishers; Heritage, John. 1993. Garfinkel and Ethnomethodology. Oxford, UK: Blackwell Publishing; Hilbert, Richard A. 1992. The Classical Roots of Ethnomethodology: Durkheim, Weber and Garfinkel. Chapel Hill, NC: University of North Carolina Press

98 HeuristicSystematicM

PeerRvw Peer reviewed theory Heuristic-Systematic Model (HSM) of social information processing divides message processing (for persuasion) into systematic and heuristic modes and describes what triggers each

Chaiken, 1980, 1987

3.5

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PeerRvw Peer reviewed theory

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PeerRvw Peer reviewed theory

SWAG+ SWAG with some review

PeerRvw Peer reviewed theory

PeerRvw Peer reviewed theory

Theory Name, Type Description Value / Theory Description / Theory Citation

Theory Name, Type Description Value / Theory Descr	iption / Theory Citation	
189 InfluencAuthority	PeerRvw+ Well reviewed theory	3.5
Influencer implies authority by use of titles, clothing (such as uniforms), and trappings Influence: Science and Practice, Robert B. Cialdini, 5th Ed., 2009	(such as cars) to induce target to make decision	
186 InfluencConsistency	PeerRvw+ Well reviewed theory	3.5
Influencer obtains an initial commitment from target to make a small decision that enab	les influencer to obtain a consistent large decision later	
Influence: Science and Practice, Robert B. Cialdini, 5th Ed., 2009		
256 InfluencePolitical	PeerRvw+ Well reviewed theory	3.5
ZALLER'S RECEIVE- ACCEPT- SAMPLE MODEL (RAS) One of the more widely it in terms of these axioms: Axiom 1: RECEPTION The greater a person's level of cog comprehend in a word, to receive - political messages concerning an issue. Axiom 2: predispositions, but they do so only to the extent that they possess the contextual inform Axiom 3: ACCESSIBILITY The more recently a consideration has been called to minu considerations from memory and bring them to mind for use. Axiom 4: RESPONSE In immediately salient or accessible to them.	nitive engagement with an issue, the more likely he or she is to be exposed to RESISTANCE People tend to resist arguments that are inconsistent with the nation necessary to perceive a relationship between the message and their pred or thought about, the less time it takes to retrieve that consideration or relate	and to ir political disposition. ed
Zaller, J. (1992). The Nature and origins of mass opinion.		
188 InfluencLiking	PeerRvw+ Well reviewed theory	3.5
Influencer induces the target to like the influencer because of physical attractiveness or two under good conditions or by associating with other positive things; this liking cause under the physical state of the physica		veen the
Influence: Science and Practice, Robert B. Cialdini, 5th Ed., 2009	PeerRvw+ Well reviewed theory	3.5
185 InfluencReciprocatio Influencer induces target to make a reciprocal decision by giving the target a gift first or	2	5.5
Influence: Science and Practice, Robert B. Cialdini, 5th Ed., 2009	by making a concession mist	
190 InfluencScarcity	PeerRvw+ Well reviewed theory	3.5
Influencer activates Psychological Reactance in target by describing scarcity or increasing scarcity scarcity or increasing scarcity scarcity or increasing scarcity or increasing scarcity or increasing scarcity or increasing scarcity scarcit	-	
scarce item causing decision Influence: Science and Practice, Robert B. Cialdini, 5th Ed., 2009		nom for the
187 InfluencSocialProof	PeerRvw+ Well reviewed theory	3.5
Influencer or group of influencers act in a certain way and cause target to act in the same proof of the action; normally the influencing is successful because of general uncertaint	e way because of similarities between the target ant the influencer or group pro-	
Influence: Science and Practice, Robert B. Cialdini, 5th Ed., 2009		
99 InoculationTheory	SWAG+ SWAG with some review	2.5
Inoculation theory concerns conferring resistance to persuation. McGuire; Jamieson, 1992		
97 InvolvementELM	PeerRvw Peer reviewed theory	3
Extension of Elaboration Likelihood Model (ELM) adds the effect of induced involver Slater	2	
94 LanguageExpectancyTh	PeerRvw Peer reviewed theory	3
Language Expectancy Theory (for modeling persuasion) is an axiomatic theory that exp centered theory that explains why certain linguistic formats in messages influence persu M. Burgoon, 1995	ounds on the effects of linguistic variations on message persuasiveness. It is a	
240 LeaderBehavior	PeerRvw Peer reviewed theory	3
Individuals who consider themselves political players, be they civilian politicians, triba behaviors that are very different from the average citizen. They may seek to gain power power. Furthermore, they may use their leadership positions and influence to bring about counterinsurgency theory.	at the expense of security; they may oppose a functioning government as a riv at collective behavior among citizens that defies the conventional logic of	
Bueno de Mesquita, B. (2009). The predictioneer's game: Using the logic of brazen sel:		
182 Leadership	PeerRvw Peer reviewed theory	3
Behavior patterns can be reduced to "consideration" and "initiating structure"		0.57
Halpin & Winer, "A factorial study of the leader behavior descriptions," in Stogdill & C	•	
63 MMPI Minnesota Multiphasic Personality Inventory (MMPI). A new and psychometrically in statistical methods that were used to develop the RC Scales in 2003.[10] The new MM 2-RF produces scores on a theoretically-grounded hierarchically structured set of scales not available at the time the MMPI was originally developed. The MMPI-2-RF builds publication in 2003. Publications on the MMPI-2-RC Scales include book chapters, mu wide range of settings Starke R. Hathaway, PhD, and J. C. McKinley, MD, originators, many contributors since	PI-2 Restructured Form (MMPI-2-RF) is due to be released in July of 2008. 7 including the RC Scales. The modern methods used to develop the MMPI-2 on the foundation of the RC Scales, which have been extensively researched s ltiple published articles in peer-reviewed journals, and address the use of the	The MMPI- -RF were since their
64 Myers-Briggs	SWAG+ SWAG with some review	2.5
Myers-Briggs Type Indicator (MBTI) assessment is a psychometric questionnaire desig Carl Gustav Jung as published in his 1921 book Psychological Types (English edition,	ned to identify certain psychological differences according to the typological t [923).[1] The original developers of the personality inventory were Katharine	theories of Cook
Briggs and her daughter, Isabel Briggs Myers. They initially created the indicator during who were entering the industrial workforce for the first time identify the sort of war-tim The Manual		with women

Theory Name, Type Description Value / Theory Description / Theory Citation Accepted Generally accepted theory 4 162 Prototype Concepts The empirical discovery that human concepts are organized radially, from the empirically pervasive to various outliers. Neisser, Ulric. 1987. Concepts and Conceptual Development: Ecological and Intellectual Factors in Categorization. New York: Cambridge University Press; Rosch, Eleanor. 1978. "Principles of categorization." Pp. 27-48 in Cognition and Categorization, edited by E. Rosch and B. B. Lloyd. Hillsdale, NJ: Lawrence Erlbaum.; -–. 1983. "Prototype classification and logical classification." Pp. 73-86 in New Trends in Conceptual Representation: Challenges to Piaget's Theory?, edited by E. K. Scholnick. Hillsdale, NJ: Lawrence Erlbaum; Wittgenstein, Ludwig, 1958. Philosophical Investigations : the English text of the third edition. Translated by G. E. M. Anscombe. Upper Saddle River, NJ: Prentice-Hall 71 ReactanceTheory SWAG+ SWAG with some review 2.5 Reactance Theory. It operates in three simple steps that are sequentially connected. People perceive an unfair restriction on their actions. A state of reactance is activated. Reactance is an intense motivational state. A person with reactance is emotional, single-minded, and somewhat irrational. The person must act to remove the reactance. (Very similar to cognitive dissonance theory). Brehm, 1966 86 Self-affirmation Theo SWAG+ SWAG with some review 2.5 Self-affirmation theory. This theory explains how people will reduce the impact of a threat to their self-concept by focusing on and affirming their competence in some other area Steele, 1988 227 Self-awarenessOuantu SWAG Scientific Wild Assed Guess 2 The mind and self-awareness are quantum states Stephen Pampinella, 2008, http://stephenpampinella.wordpress.com/2008/02/04/what-if-quantum-physics-could-be-used-for-social-science/ 78 Self-awarenessTheory SWAG with some review 2.5 SWAG+ Duval & Wickland, 1972 84 Self-completionTheor SWAG+ SWAG with some review 2.5 Self-completion theory. Symbolic self completion theory argues that many of the activities that individuals enact-such as possessions they purchase-are intended to substantiate their definition of themselves, clarifying their identity. These acts are especially prevalent when individuals feel uncertain or threatened. Wicklund & Gollwitzer, 1982 83 Self-discrepancyTheo SWAG+ SWAG with some review 2.5 Self-discrepancy theory. We are strongly motivated to maintain a sense of consistency among our various beliefs and self-perceptions. This causes problems as there are invariably differences between our aspirations for ourselves and our actual behaviors. When the actual experience is somewhat less than we think we can achieve, we tend to feel a pattern of feelings such as sadness, dissatisfaction and other depressive senses. When experience is less that we feel we should achieve, we experience fear, worry and other anxieties. As with other dissonance effects, we will act to reduce this dissonance by various means. Higgins et al., 1987 85 Self-evaluatnMainten SWAG+ SWAG with some review 2.5 Self-evaluation maintenance theory. The theory suggests that one's self-concept can be threatened by how other people behave. The level of threat depends both on how close the threatening person is to us and also how personally relevant the behavior is. Example, if a person does/says something that you find uncomfortable you can a) distance yourself from them, b) reduce the relevance of their behavior or c) try and improve yourself, reducing the level of threat Tesser 1988 82 Self-monitoringTheor SWAG+ SWAG with some review 2.5 Self-monitoring theory. The theory refers to the process through which people regulate their own behavior in order to "look good" so that they will be perceived by others in a favorable manner. It disintinguishes between high self-monitors, who monitor their behaviour to fit different situations, and low self-monitors, who are more cross-situationally consistent Snyder, 1974 2.5 79 Self-perceptionTheor SWAG+ SWAG with some review Self-perception theory. It asserts that we develop our attitudes by observing our own behavior and concluding what attitudes must have caused them. Self-perception theory differs from cognitive dissonance theory in that it does not hold that people experience a "negative drive state" called "dissonance" which they seek to relieve. Instead, people simply infer their attitudes from their own behavior in the same way that an outside observer might. Bem, 1972 81 Self-presentationThe SWAG+ SWAG with some review 2.5 Self-presentation theory. Impression management is the process through which people try to control the impressions other people form of them. It is a goal-directed conscious or unconscious attempt to influence the perceptions of other people about a person, object or event by regulating and controlling information in social interaction. It is usually synonymous with self-presentation, if a person tries to influence the perception of their image. Goffman, 1959 87 Self-verification The SWAG+ SWAG with some review 2.5 Self-verification theory. The theory asserts that people want to be known and understood by others according to their firmly held beliefs and feelings about themselves. Because chronic self-concepts and self-esteem play an important role in understanding the world, providing a sense of coherence, and guiding action, people become motivated to maintain them through self-verification strivings. Such strivings provide stability to people's lives, making their experiences more coherent, orderly, and comprehensible than they would be otherwise. Self-verification processes are also adaptive for groups, groups of diverse backgrounds and the larger society, in that they make people predictable to one another thus serve to facilitate social interaction. Swann, 1990 68 SocialCognitiveTheor 3 PeerRvw Peer reviewed theory Social Cognitive Theory (formerly social learning theory). - Social cognitive theory provides a framework for understanding, predicting, and changing human behavior. The theory identifies human behavior as an interaction of personal factors, behavior, and the environment. In the model, the interaction between the person and behavior involves the influences of a person's thoughts and actions. The interaction between the person and the environment involves human beliefs and cognitive competencies that are developed and modified by social influences and structures within the environment. The third interaction, between the environment and behavior, involves a person's behavior determining the aspects of their environment and in turn their behavior is modified by that environment. Bandura 1977; Bandura 1986

DisciplineName

Conceptual Model Validity

Theory Name, Type Description Value / Theory Description / Theory Citation

SWAG+ SWAG with some review 2.5 47 SocialComparison The theory that people evaluate their opinions and abilities in comparison to other people. Many opinions and abilities cannot be evaluated without some sort of reference. The theory suggests that individuals who are too different do not compare to each other. This comparison is the basis for generating goals and levels of aspirations in individuals. A tendency toward uniformity also explains the spread of opinions through social influence and competition of abilities since abilities among individuals cannot be identical. Leon Festinger. A theory of social comparison process. Human Relations, pages 117-140, 1954.

93 SocialExchangeTheory

DisciplineName

SWAG+ SWAG with some review Social Exchange theory explains how we feel about a relationship with another person as depending on our perceptions of: a) the balance between what we put into the relationship and what we get out of it, b) the kind of relationship we deserve, and c) the chances of having a better relationship with someone else. In deciding what is fair, we develop a comparison level against which we compare the give/take ratio. This level will vary between relationships, with some being more giving and others where we get more from the relationship. They will also vary greatly in what is given and received. Thus, for example, exchanges at home may be very different, both in balance and content. We also have a comparison level for the alternative relationships. With a high such comparison level, we might believe the world is full of lovely people just waiting to meet us. When this level is low, we may stay in a high-cost relationship simply because we believe we could not find any better elsewhere.

Thibaut & Kelly, 1959

77 SocialFacilitation

Social facilitation. Tasks which we find easy, are done *better/quicker* in the presence of other people. The opposite is true for difficult tasks. This is because first, the presence of others increases physiological arousal such that our bodies become more energized, and secondly because when we are aroused it is more difficult to perform new or difficult tasks. The presence of others makes us suspect evaluation. Depending on how we forecast that evaluation, we may look forward to either adulation or criticism and rejection.

Tripp, 1918; Zajonc

88 TerrorMgmtTheory

Terror Management Theory. It is based on Ernest Becker's writings, in which the universality of death terror and the need to protect against it play an essential role. Psychologically, the protective function is accomplished via a cultural anxiety buffer that has two components. One component consists of the individual's conception of the cultural worldview and the faith one has in this worldview. The second component involves a sense of personal worth or self-esteem that is attained by believing that one is living up to the cultural system's standards of values. The need for defense is particularly high when one is reminded of his or her mortality (mortality salience is increased) and when one's cultural system is threatened. In those cases one can expect negative reactions against those who are considered to embody the threat, such as individuals who belong to a different group, known as "outgroupers," and positive reactions toward those who represent the cultural values, typically "ingroupers." A second implication, the anxiety-buffer hypothesis, states that strengthening the anxiety-buffer, for example boosting a person's self-esteem, should reduce this person's death anxiety. Greenberg, Solomon, & Pyszczynski, 1991

100 TheoryReasonedAction

Theory of Reasoned Action (TRA) was developed to explain volitional behaviors. It excludes spontaneous, impulsive, habitual, cravings driven, scripted or mindless behaviors. Fishbein & Ajzen, 1975, 1980

70 ThOfPlannedBehavior

Theory of Planned Behavior. Theory of Reasoned Action suggests that a person's behavior is determined by his/her intention to perform the behavior and that this intention is, in turn, a function of his/her attitude toward the behavior and his/her subjective norm. The best predictor of behavior is intention. Intention is the cognitive representation of a person's readiness to perform a given behavior, and it is considered to be the immediate antecedent of behavior. This intention is determined by three things: their attitude toward the specific behavior, their subjective norms and their perceived behavioral control. The theory of planned behavior holds that only specific attitudes toward the behavior in question can be expected to predict that behavior. In addition to measuring attitudes toward the behavior, we also need to measure people's subjective norms - their beliefs about how people they care about will view the behavior in question. To predict someone's intentions, knowing these beliefs can be as important as knowing the person's attitudes. Finally, perceived behavioral control influences intentions. Perceived behavioral control refers to people's perceptions of their ability to perform a given behavior. These predictors lead to intention. A general rule, the more favorable the attitude and the subjective norm, and the greater the perceived control the stronger should the person's intention to perform the behavior in question.

Ajzen & Fishbein, 1980 92 TriangularThOfLove

SWAG+ SWAG with some review The triangular theory of love. The theory characterizes love within the context of interpersonal relationships by three different components: intimacy, passion commitment. The "amount" of love one experiences depends on the absolute strength of these three components; the "type" of love one experiences depends on their strengths relative to each other. Different stages and types of love can be explained as different combinations of these three elements; for example, the relative emphasis of each component changes over time as an adult romantic relationship develops. A relationship based on a single element is less likely to survive than one based on two or more. Sternberg, 1986

80 TwoFactorTheoEmotion

Two-factor theory of emotion. When trying to understand what kind of person we are, we first watch what we do and feel and then deduce our nature from this. This means that the first step is to experience physiological arousal. We then try to find a label to explain our feelings, usually by looking at what we are doing and what else is happening at the time of the arousal. Thus we don't just feel angry, happy or whatever: we experience feeling and then decide what they mean. Event ==> arousal ==> reasoning ==> emotion ***This is notable as it places emotion as a cognitive act (albeit subconscious) rather than a deeper state (this is the place of arousal). Schachter & Singer, 1962

Science, Biology

72 Evolution

Accepted Generally accepted theory Evolutionary Theory widely held notion that all life is related and has descended from a common ancestor: the birds and the bananas, the fishes and the flowers -- all related. Darwin's general theory presumes the development of life from non-life and stresses a purely naturalistic (undirected) "descent with modification". That is, complex creatures evolve from more simplistic ancestors naturally over time. In a nutshell, as random genetic mutations occur within an organism's genetic code, the beneficial mutations are preserved because they aid survival -- a process known as "natural selection." These beneficial mutations are passed on to the next generation. Over time, beneficial mutations accumulate and the result is an entirely different organism (not just a variation of the original, but an entirely different creature). Darwin

Science, Physical

Conceptual Model Validity

SWAG+ SWAG with some review

SWAG+ SWAG with some review

PeerRvw Peer reviewed theory

PeerRvw Peer reviewed theory

SWAG+ SWAG with some review

2.5

2.5

2.5

3

2.5

2.5

4

3

Theory Name , Type Description Value / Theory Description / Theory Citation

Sociology

Sociology			
205 AgendaSettingTheory	SWAG+	SWAG with some review	2.5
Agenda-Setting Theory (AST): Media coverage of themes encourages public consideration	leading to attitude influence with	in the public	
McCombs, M. and Shaw, D. 1972 The agenda-setting function of mass media, The Public (1 ()		
76 Arousal Theory	SWAG+		2.5
Arousal Theory. cost-reward theory suggests that people feel upset when they see a person then weigh the costs of helping versus not helping. The clearer the need for help, the more diffusion of responsibility, a belief that someone else will help. Environmental and persona	likely people are to help. The pre	sence of others inhibits helping behavi	
258 BoundedConfidence	PeerRvw	+ Well reviewed theory	3.5
Bounded confidence refers to models where agents are influenced by each other only if they			
confidence. interested in how extremism could arise in such models, given that most naïve continuous, not discrete variables, where persuasion involved moving another agent toward converse of which is influenceability, and created some agents who had extreme opinions a agents could influence others and move them outward toward their own extreme positions, produce divergence and extremism instead of homogeneity.	one's position on a continuum. T nd very narrow ranges of uncertai	hey added level of certainty to the more than the the more than the	del, the pility). These
Deffuant, G., Amblard, F., & Weisbuch, G. (2004). Modelling group opinion shift to extrer Retrieved from <u>http://arxiv.org/abs/cond-mat/0410199</u> . Kulakowski, K. (2009). Opinion po and its Applications, 388(4), 469-476. Elsevier B.V. doi:10.1016/j.physa.2008.10.037. Heg CONFIDENCE. Simulation, 5(3). Weisbuch, G. (2004). Bounded confidence and social ne 38(2), 339–343. Springer. Retrieved from <u>http://www.springerlink.com/index/9BV8FYFY</u> . addressed information maintain diversity of opinions. Simulation. Kulakowski, Krzysztof, d	larization in the Receipt–Accept- selmann, R., & Krause, U. (2002 etworks. The European Physical J <u>AA9HPX72.pdf</u> . Malarz, K., & K	Sample model. Physica A: Statistical I). OPINION DYNAMICS AND BOU ournal B-Condensed Matter and Comp ulakowski, K. (2011). Bounded confid	Mechanics NDED blex Systems,
243 CivilViolenceModel	SWAG+	e .	2.5
Several components, including perception of state's legitimacy, hardship (combine to create	e grievance score).		
Epstein, J. M., Steinbruner, J. D., & Parker, M. T. (2001). Modeling Civil Violence: An A	gent-Based Computational Appro	ach Working Paper No. 20. Science.	
241 CoalitionTheory	PeerRvw	Peer reviewed theory	3
Coalition theory is a branch of game theory concerned with how partnerships are formed in own.	different situations in order to w	in' at games that single players cannot	win on their
Gamson, W. A. (1961). A theory of coalition formation. American Sociological Review, 26			
201 CommunicatnPenetratn		Generally accepted theory	4
Communication Penetration Theory (CPT): messages contained in media will reach only a	•		a :
Berlo, D. K. 1960 The process of communication: an introduction to theory and practice; St hands-on approach			
50 Comp.Org.Theory	SWAG+		2.5
Discipline focuses on theorizing about, describing, understanding, and predicting the behav (computational, mathematical and logical models). Kathleen M. Carley and Lee Gasser. Multiagent systems: a modern approach to distributed	с .		
Cambridge, MA, 1999.	U . I		
136 Conflict Theory		+ Well reviewed theory	3.5
 Conflict theory argues that society is not about solidarity or social consensus but rather about (e.g., money, leisure, sexual partners, etc.). Broader social structures and organizations (e.g. inequalities; some people and organizations have more resources (i.e., power and influence following are three primary assumptions of modern conflict theory: · Competition over sear consensus is characteristic of human relationships. · Inequalities in power and reward are bu structure strive to see it maintained. · Change occurs as a result of conflict between competition rather than evolutionary. Conflict theory was elaborated in the United Kingdom by Max Gluckman and John Rex, in Conflict theory. 	., religions, government, etc.) refl) and use those resources to main ce resources is at the heart of all s uilt into all social structures. Indiv ing interests rather than through a the United States by Lewis A. Co	ect the competition for resources in the tain their positions of power in society ocial relationships. Competition rather iduals and groups that benefit from an alaptation. Change is often abrupt and r oser and Randall Collins, and in Germa	eir inherent . The r than y particular evolutionary
Dahrendorf, all of whom were influenced by Karl Marx, Ludwig Gumplovicz, Vilfredo Par		nding fathers of European sociology. + Well reviewed theory	2.5
180 CulturalDimensions Five dimensions: power distance index (PDI), individualism (IDV), masculinity (MAS), ur		·	3.5
in culture. Cultures that score high in power distance expect power to be distributed uneque cultures can be very tolerant of financial gains by leaders that would be considered excessiv	ally, and expect leaders to behave	in more autocratic ways. High power d	
Hofstede, G. (1983). National cultures in four dimensions: A research-based theory of cultu 13(2), 46-74. Hofstede, Geert, Exploring Culture, 2002	aral differences among nations. In	ternational Studies of Management &	Organization,
55 Forced Migration	SWAG+	SWAG with some review	2.5
people place tremendous value on their physical security and will abandon their property an	nd relocate if they feel their securi	ty is threatened	
Davenport, Christina A., Will H. Moore, and Steven C. Poe. 2003. Sometimes you just Interactions 29:27 – 55.	have to leave: Threat and refug	ee movements, 1964 – 1989. Internati	onal
207 FramingTheory	SWAG+	SWAG with some review	2.5
Framing Theory (FT): Frames of reference used in form arguments contained in media (spi	· ·		
Chong, D. and Druckman, J. N. 2007 Framing theory, Annual Review of Political Science			
238 HorizontalInequality		Peer reviewed theory	3
The theory of horizontal inequality predicts that groups will fear and resent gains made by g socioeconomic, political, or cultural domains. Gains made by peer groups are feared becaus in a way that gains made by non-peer groups do not.			
Stewart, F. (2000). Crisis prevention: Tackling horizontal inequalities. Oxford Developmen violent civil conflict. Journal of Peace Research, 45(2), 143-162.	nt Studies, 28(3), 245-262. Østby,	G. (2008). Polarization, horizontal ine	equalities and

arization and priming in Journal of Educational	
PeerRvw	Peer reviewed theory
hall fraction of gatekeepers within a public segn	nent. Gatekeepers act to select and reinforce me
le in the flow of mass communication	
SWAG+	SWAG with some review
are it to reach informed decisions	
s: toward an integrated perspective of media in	fluence, American Politics Research 25
PeerRvw	Peer reviewed theory
nd the resources that shape those dynamics.	
ublic. Cambridge, MA: Harvard University Pre er. New York: Free Press; Wuthnow, Robert. 1 m. Cambridge, MA: Harvard University Press.	989. Communities of Discourse: Ideology and
ol, v1.52 © 2012, Hartley Consulting	Page 16 o
	PeerRvw nall fraction of gatekeepers within a public segn le in the flow of mass communication SWAG+ are it to reach informed decisions s: toward an integrated perspective of media in PeerRvw nd the resources that shape those dynamics. Jblic. Cambridge, MA: Harvard University Press er. New York: Free Press; Wuthnow, Robert. 1 m. Cambridge, MA: Harvard University Press.

SWAG+ SWAG with some review The theory that social interaction at all scales is ultimately microinteraction. Collins, Randall. 1981. "On the microfoundations of macrosociology." American Journal of Sociology 86:984-1014; Hilbert, Richard A. 1990. "Ethnomethodology and the micro-macro order." American Sociological Review 55:794-808; Rawls, Anne Warfield. 1987. "The interaction order sui generis: Goffman's contribution to social theory." Sociological Theory 5:136-149; Stinchcombe, Arthur L. 2001. When Formality Works: Authority and Abstraction in Law and Organizations. Chicago: University of Chicago

of content according to its priority themes, 3. carry statements exclusively from a list of its legitimate sources, 4. fill its limited capacity according to a. prefer messages having strong tone to capture audience attention b. prefer messages that can impact its target audience, 5. interact with other media outlets to adapt content from other outlets to fit own needs Bennet, W. H. 2010 Media and Influence in Estimating Impact by A. Kott and G. Citrenbaum 2.5

sociological model: a macro-objective component (e.g., society, law, bureaucracy), a microobjective component (e.g., patterns of behavior and human interaction), a macro-

the more valuable they are as a resource. Thus people often turn to experts for help.

Theory Name, Type Description Value / Theory Description / Theory Citation

PeerRvw Peer reviewed theory

subjective component (e.g., culture, norms, and values), and a micro-subjective component (e.g., perceptions, beliefs). This model is of particular use in understanding society because it uses two axes: one ranging from objective (society) to subjective (culture and cultural interpretation); the other ranging from the macro-level (norms) to the microlevel (individual level beliefs). Ritzer & Goodman 2004 135 Manifest&LatentFunct 3

An extension of role theory, impression management is both a theory and process. The theory argues that people are constantly engaged in controlling how others perceive them. The process refers to the goal-directed conscious or unconscious effort to influence the perceptions other people form of an individual, object, or event by regulating and

Informational social influence occurs when one turns to the members of one's group to obtain accurate information. A person is most likely to use informational social influence in three situations: When a situation is ambiguous, people become uncertain about what to do. They are more likely to depend on others for the answer. During a crisis immediate action is necessary, in spite of panic. Looking to other people can help ease fears, but unfortunately they are not always right. The more knowledgeable a person is,

United Nations Development Program 1994 Human Development Report 1994: New Dimensions of Human Security New York Oxford University Press ISBN 0-19-509170-1

Recently, some sociologists have been taking a different approach to sociological theory by employing an integrationist approach - combining micro- and macro-level theories to provide a comprehensive understanding of human social behavior. One example is Ritzer's Integration Model. It proposes four highly interdependent elements in his

controlling information in social interaction. If a person tries to influence the perception of her or his own image, this activity is called self-presentation.

Says there is a difference between manifest and latent functions, where manifest functions are the intended functions of a phenomenon in a social system and latent functions

are the unintended functions. An example of manifest and latent functions is public education. The manifest purpose of public education is to increase the knowledge and

Merton 1957 210 MediaOutletTheory SWAG+ SWAG with some review 2.5 A conceptual model of the media outlet production process, with 5 behaviors: 1. balance sentiment of content to satisfy target audience, 2. prioritize its coverage and distribution

abilities of the citizenry. The latent function of the public education system is the development of a hierarchy of the learned.

165 Micro-Generation

DisciplineName

139 ImpressionManagement

Erving Goffman, 1959 73 InformtnlScialInflnc

Sherif, 1935; Cialdini, 1993

Insecurity as a factor in population actions

233 Insecurity

141 Integration Theory

Press 242 MinimumResourceTheor

3 Uses coalition theory to make somewhat counterintuitive predictions about choice of coalition partners. Minimum resource theory predicts that players will seek to form coalitions that are large enough to dominate a resource (e.g. control parliament) but not larger. The reason for this is the assumption that within a coalition, power and resources are shared proportionate to each player's relative power, an assumption called the parity norm. According to this logic Player A who controlled 45% of available power would prefer to partner with a player who controlled 15% rather than a player who controlled 30%, because the first partnership would leave Player A with a 75% share of a winning coalition (45/60), and the second would leave player A with only a 60% share of a winning coalition (45/75).

Gamson, W. A. (1961). A theory of coalition formation. American Sociological Review, 26(3), 373-382. Leiserson, M. (1968). Factions and coalitions in one-party japan: An

interpretation based on the theory of games. American Political Science Review, 62, 770-787 2.5

74 NormativeScialInflnc

Normative social influence. Normative social influence occurs when one conforms to be liked or accepted by the members of the group. Asch, 1951

229 **OpinionDescription**

Describing population opinions with Beta distributions

Cobb. L., Stochastic Differential Equations for the Social Sciences, in Mathematical Frontiers of the Social and Policy Sciences, Cobb & Thrall, Westview Press; Smithson, M. Merkle EC and Verku vol 36 pp 804-831 3

203 OpinionLeadershipTh

206 PrimingTheory Priming Theory (PT):

Goidel R. K. Shields 168 Public discourse

Conceptual Model Validity

PeerRvw Peer reviewed theory

SWAG+ SWAG with some review

PeerRvw Peer reviewed theory

PeerRvw Peer reviewed theory

3

2.5

3

3

3

3

2.5

SWAG+ SWAG with some review

PeerRvw Peer reviewed theory

PeerRvw Peer reviewed theory

2

3

17

49 Relative Deprivation

138 Role Theory

14

16

5

DisciplineName			
Theory Name,	Type Description Value /	Theory Description /	Theory Citation

T. R. Gurr. Why men rebel. Princeton University Press, Princeton, NJ, 1970.

roles on the stage or ballp (e.g., sister, fireman, prost to change behavior it is ne lives participating as men functions performed by th are successfully performe with prevailing norms; in	layers theirs on the field. Role theory is, in fact, predictive. It implies titute), a significant portion of the behavior of the persons occupying the ccessary to change roles; roles correspond to behaviors and vice versa. abers of groups and organizations 2. within these groups, people occup e person for the group 4. groups often formalize role expectations as n d and what punishments will result when roles are not successfully per other words, role theory assumes that people are primarily conformists erformance to determine whether it conforms with the norms; the antic	that if we have information al hat position can be predicted. Role Theory includes the fol y distinct positions 3. each of norms or even codified rules, formed 5. individuals usually s who try to live up to the nor	out the role expectations for a spec What's more, role theory also argue lowing propositions: 1. people spen these positions entails a role, which which include what rewards will res carry out their roles and perform ir ms that accompany their roles 6. gro	tified position es that in order d much of their h is a set of sult when roles n accordance oup members
202 SCMR		PeerRvw	+ Well reviewed theory	3.5
Source-message-channel- and trust in media source	receiver (SCMR): a media message that is received by an audience ma	ay be accepted or rejected dep	bending on its agreement with mess	age sentiment
	., Mertz, R. J. 1969 Dimensions for evaluating the acceptability of me fying communications theories: a hands-on approach	essage sources, Public Opinion	n Quarterly 33; Stone, G., Singletar	y, M.,
179 SemanticDifferentIW		SWAG+	SWAG with some review	2.5
MCCDC/OAD study created	ted Influence=Evaluation*sqrt(Potential**2+Activity**2) from the th	hree Semantic Differential co	mponents	
Marling, Robin, 2009, "A	Semantic Differential Approach to Incorporating Qualitative Data into	o Models," Phalanx, March 20	009, Vol 42, No 1	
140 SocialConstructionis		SWAG+	SWAG with some review	2.5
create their perceived real seen as an on-going dynar Luckmann argue that soci- interactions.	a school of thought introduced into sociology by Berger and Luckmann lity. Social constructionism focuses on the description of institutions an nic process; reality is re-produced by people acting on their interpretat al construction describes both subjective and objective reality - that is	nd actions and not on analyzin ions of what they perceive to	ng cause and effect. Socially constru- be the world external to them. Berg	acted reality is ger and
Peter L. Berger and Thom	as Luckmann in 1966 book The Social Construction of Reality			
166 SocialEmotion		PeerRvw	 Well reviewed theory 	3.5
-	inderlies human reasoning and all social processes. These references of			
emotions." Pp. 27-57 in R denominator of rational cl "Interaction, emotion and "Modeling emotional dyn Social Theory and the Pol	On the microfoundations of macrosociology." American Journal of Soci esearch Agendas in the Sociology of Emotions, edited by T. D. Kemp noice." Rationality and Society 5:203-230.; —. 2004. Interaction Ritua collective identities." in Advances in Identity Theory and Research, e amics: Currency versus field." Rationality and Society 20:343-365; Sc litics of Identity, edited by C. Calhoun. Cambridge, MA: Blackwell; T n of Human Affect. Stanford, CA: Stanford University Press	er. Albany: SUNY Press.; — I Chains. Princeton, NJ: Princ dited by P. J. Burke. New Yo cheff, Thomas. 1994. "Emotic	. 1993. "Emotional energy as the co ceton University Press; Lawler, Edv rk: Kluwer Academic; Sallach, Dav ns and identity: A theory of ethnic	ommon ward J. 2003. /id L. 2008. nationalism." in
58 SocialIdentity		PeerRvw	Peer reviewed theory	3
others (and ourselves) into also associate with certain toward the group to which developed by Tajfel, socia as part of, social groups, a encounters between group individualistic explanation together both society and relationships (personal ide to them (social and person at any time will vary acco Where personal identity is between the individuals. I qualitatively different: it i The use of standardized n which can be noted." by G	mer (1979). Kopecky, J., Bos, N. D., & Greenberg, A. (2010). Social i	player are ways of saying othe parison: We compare our gro be both distinct from and poo- ical theories concerned with fiference it makes when encou- hological and sociological asp fy the group on the other, Taj of self-identity derived from o (social identity). Each individentity. Each indivi- identity entails. Which of the r exists on a spectrum from th r, dependent on their characte personal identity in self-conc- rights, obligations and sancti s fundamental in all societies,	er things about these people. Ident ups with other groups, seeing a fav- sitively compared with other groups when and why individuals identify unters between individuals are percu- bects of group behaviour. Reacting fel sought an account of group ident individual personality traits and intu- idual is seen to have a repertoire of se many identities is most salient fc e purely interpersonal to the purely r traits and any personal relationship eption and that when this is the cas ons which, within specific collectiv notwithstanding large cross-cultura	ification: We orable bias s.[1] As with, and behave eived as g against tity that held erpersonal identities open or an individual intergroup. p existing e behaviour is ities, form roles. l variations
05/13/2012	DIME/PMESII VV&A Tool, v1.52 © 20	12, Hartley Consulting		Page 17 of 19

Relative deprivation is the experience of being deprived of something to which one thinks one is entitled.[1] Schaefer defines it as "the conscious experience of a negative discrepancy between legitimate expectations and present actualities."[2] It is a term used in social sciences to describe feelings or measures of economic, political, or social deprivation that are relative rather than absolute [3] It has important consequences for both behavior and attitudes, including feelings of stress, political attitudes, and participation in collective action. It is relevant to researchers and students in social psychology, sociology, economics, politics, and other social sciences, especially those interested in intergroup relations, prejudice, social identity, group processes, social comparison, social justice, and social movements. [4] Its origins are from the biological

Role Theory posits that human behavior is guided by expectations held both by the individual and by other people. The expectations correspond to different roles individuals perform or enact in their daily lives, such as secretary, father, or friend. Individuals generally have and manage many roles. Roles consist of a set of rules or norms that function as plans or blueprints to guide behavior. Roles specify what goals should be pursued, what tasks must be accomplished, and what performances are required in a given scenario or situation. Role theory holds that a substantial proportion of observable, day-to-day social behavior is simply persons carrying out their roles, much as actors carry out their

concept of relative fitness, where an organism that successfully outproduces its competitors leaves more copies in the gene pool.

Scientific Wild Assed Guess

PeerRvw Peer reviewed theory

SWAG

DisciplineName		Conceptual Model	v anorty
Theory Name, Type Description Value / Theory Description	/ Theory Citation		
75 SocialImpactTheory	SWAG+	SWAG with some review	2
Social Impact Theory. The theory predicts that as strength and immediacy increase within a group group is and the more one is in its presence, the more likely it is for one to conform to the group? of an effect. Thus, if one feels pressure from a group to conform, adding another person to the mi group.	s normative pressures. As the s	ize of a group increases a single per	son has less
Latane, B. 1981 The psychology of social impact, American Psychologist 36			
04 SocialJudgmentTheory	SWAG+	SWAG with some review	2
Social Judgment Theory (SJT): opinion formation within the public is driven by the social intera represents collective confidence and strength of opinion held within a social group. Evolved fron Jager, W. and Amblard, F. 2004 A dynamical perspective on attitude change in Proceedings of the	n Social Influence Theory [Soc	ial Impact Theory]	
Science (NAACSOS) Conference		ior computational bootal and orga	inzutionui
57 SocialNetwork	PeerRvw	Peer reviewed theory	
Individual decisions are affected by social networks			
Marsden, P. V., & Friedkin, N. E. (1993). Network Studies of Social Influence. Sociological Me	thods & Research, 22(1), 127-	151. doi:10.1177/00491241930220	01006
28 SocialNetworkQuantum	SWAG	Scientific Wild Assed Guess	
Social networks using quantum theory			
Bisconti, et al. "Quantum Modeling of Social Networks The Q.NET Project," Springer, 2009, ht	tp://www.springerlink.com/cor	tent/r54556j0702488p4/	
11 SourceLinesofCommuni	SWAG	Scientific Wild Assed Guess	
Source Lines of Communication			
Bennet, W. H. 2010 Media and Influence in Estimating Impact by A. Kott and G. Citrenbaum			
34 StructuralFunctional	PeerRvw+	Well reviewed theory	
existence over time. Many functionalists argue that social institutions are functionally integrated change in other institutions. Societies are seen as coherent, bounded and fundamentally relationa	to form a stable system and that		ecipitate a
change in other institutions. Societies are seen as coherent, bounded and fundamentally relationa institutions) working together to maintain and reproduce them. The various parts of society are as maintenance of the overall social equilibrium. All social and cultural phenomena are therefore se are effectively deemed to have a life of their own. These components are then primarily analysed of society, one can ask the question, "What is the function of this institution?" A function, in this the phenomenon is a part. Durkheim's strongly sociological perspective of society was continued the social constituted a separate level of reality distinct from both the biological and the inorganic constructed within this social level, with individuals merely being transient occupants of compara are not significant in and of themselves but only in terms of their social status: their position in p connected by associated roles. Durkheim, Hoult 1969, Auguste Comte, Radcliffe-Brown, Layton 1997 57 StructurationTheory	to form a stable system and tha l constructs that function like o ssumed to work in an unconside en as being functional in the se in terms of the function they p sense, is the contribution made by Radcliffe-Brown. Followin, c (here non-living). Explanatic tively stable social roles. Thus atterns of social relations. The SWAG+	t a change in one institution will pr rganisms, with their various parts (s ous, quasi-automatic fashion toward nse of working together to achieve lay. In other words, to understand a by a phenomenon to a larger syster g Auguste Comte, Radcliffe-Brown ns of social phenomena therefore h , in structuralfunctionalist thought,	ecipitate a social s the this state a a componer m of which believed th ad to be individuals rk of status
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Theory Name, Type Description Value / Theory Description / Theory Citation

4 HartleyDIME/PMESII	SWAG	Scientific Wild Assed Guess	2
DIME/PMESII connections added by Hartley Hartley, Dean S., III. Operations Other Than War (OOTW) Flexible Asymmetric Simulation Technologies (F Orlando, FL, 2006.	AST) Prototyp	e Toolbox: ISSM v4.00 Analysts' Guide. D	RC,
3 Hayes & Sands	SWAG+	SWAG with some review	2.5
DIME/PMESII connections defined in book			
Hayes, Bradd C. and Jeffrey I. Sands. Doing Windows: Non-Traditional Military Responses to Complex Emer	gencies. CCR	P, Washington, DC, 1998.	
231 RolePlayer	WAG	Wild Assed Guess	1
Role player decisions in game at runtime			
230 ScenarioDesigner	WAG+	WAG plus some science	1.5

Scenario designer decisions at runtime