

BOWLES AND CARLIN, "WHAT STUDENTS LEARN IN 101: TIME FOR A CHANGE" (*JOURNAL OF ECONOMIC LITERATURE*, 2020 58(1)) <https://doi.org/10.1257/jel.20191585>

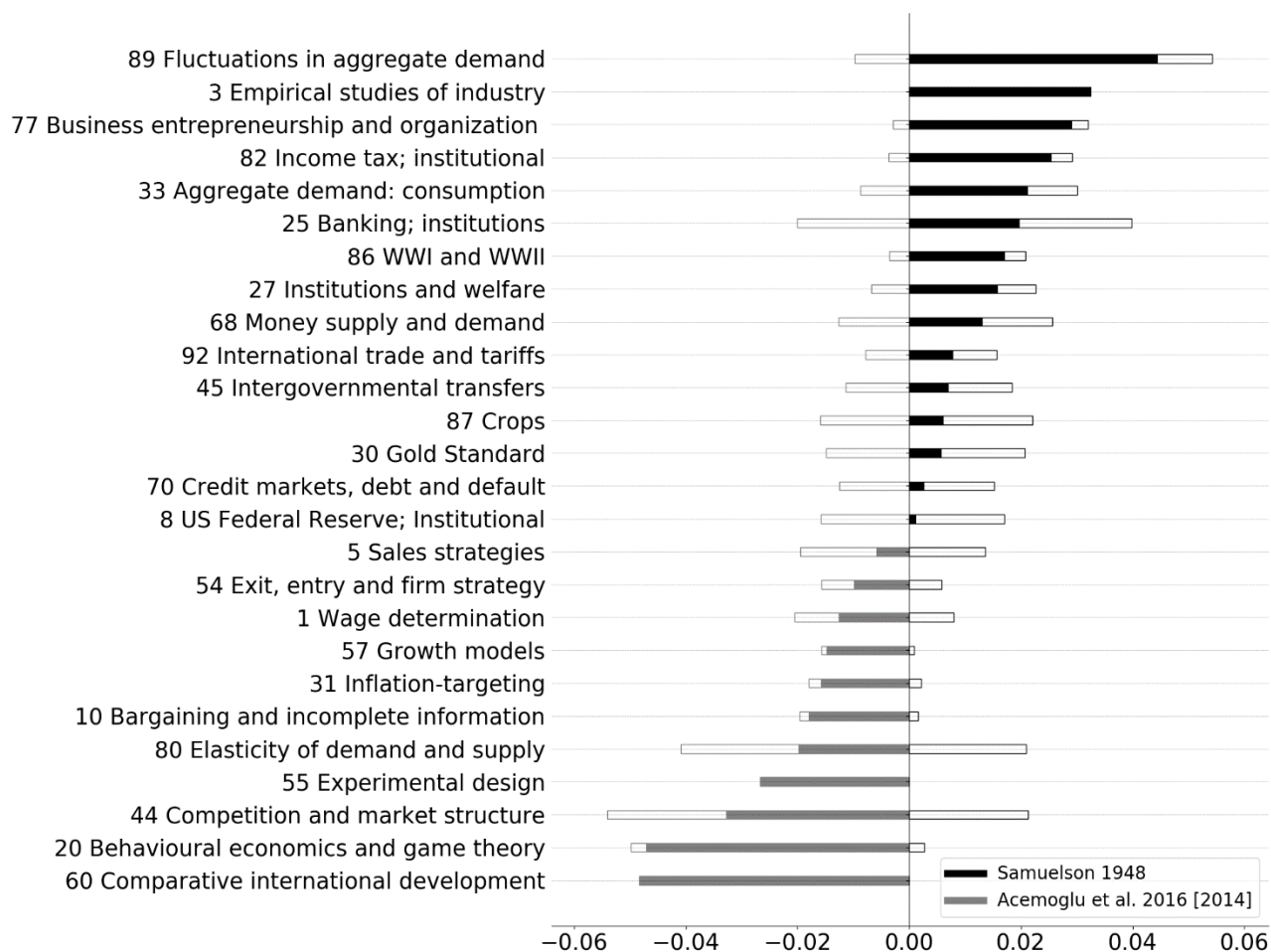
In this document you will find:

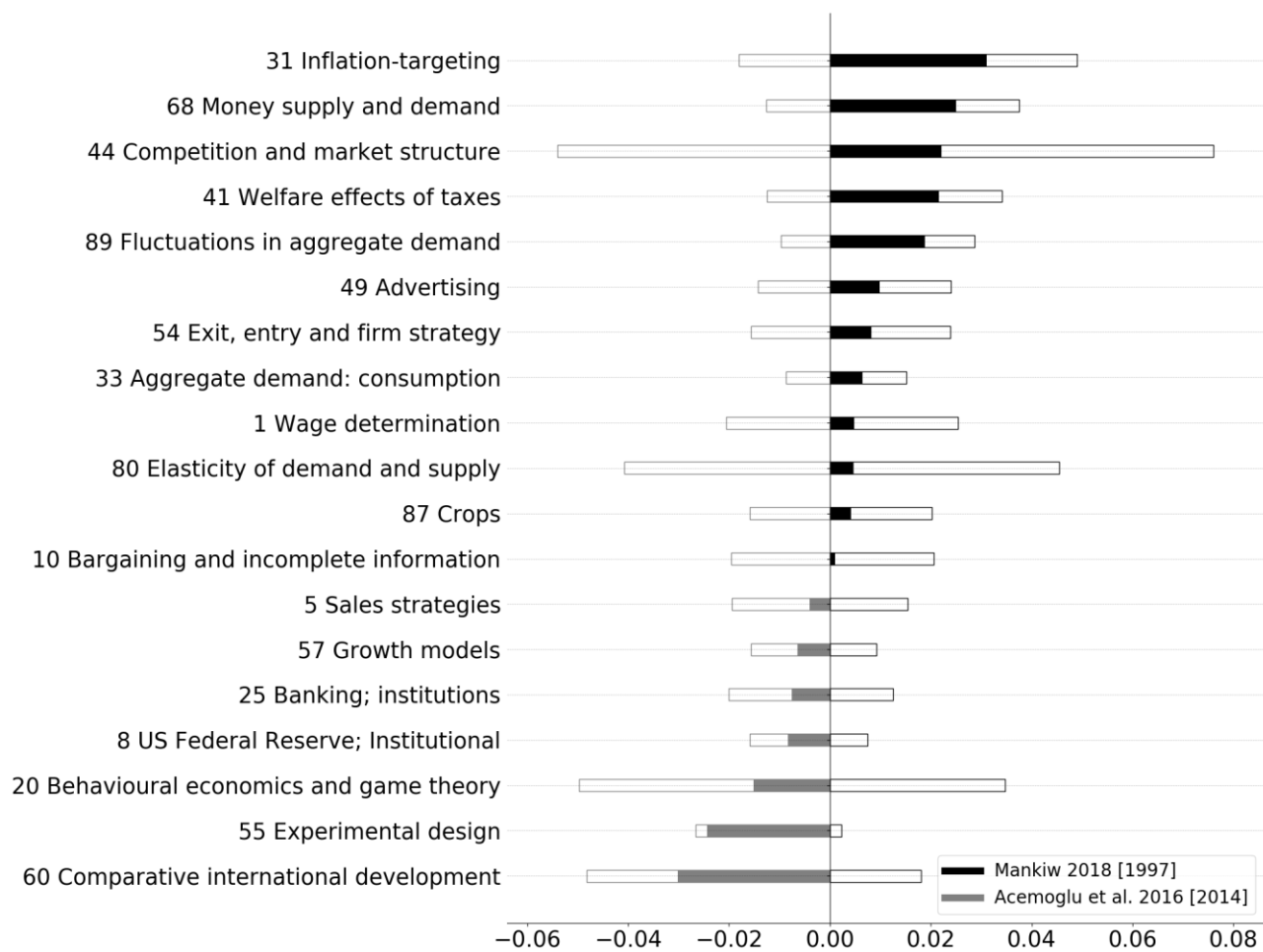
1. PUBLICATION INFORMATION: A list of all the textbooks used in the topic modeling analysis and associated publication information.
2. ADDITIONAL TEXTBOOK COMPARISONS: horizontal bar charts comparing Samuelson, Mankiw, Krugman-Wells, CORE with two recent textbooks: Goodwin et. al. and Acemoglu et al.
3. ADDITIONAL TEXTBOOK COMPARISONS: bar chart and table that contain information on the number of supply and demand figures compared to all analytical diagrams in Ely et al., Samuelson, Samuelson and Nordhaus, Mankiw, Krugman-Wells, Goodwin et al., Acemoglu et al. and CORE.
4. WORD CLOUDS of the top-weighted 100 tokens (words or bigrams) in each topic.

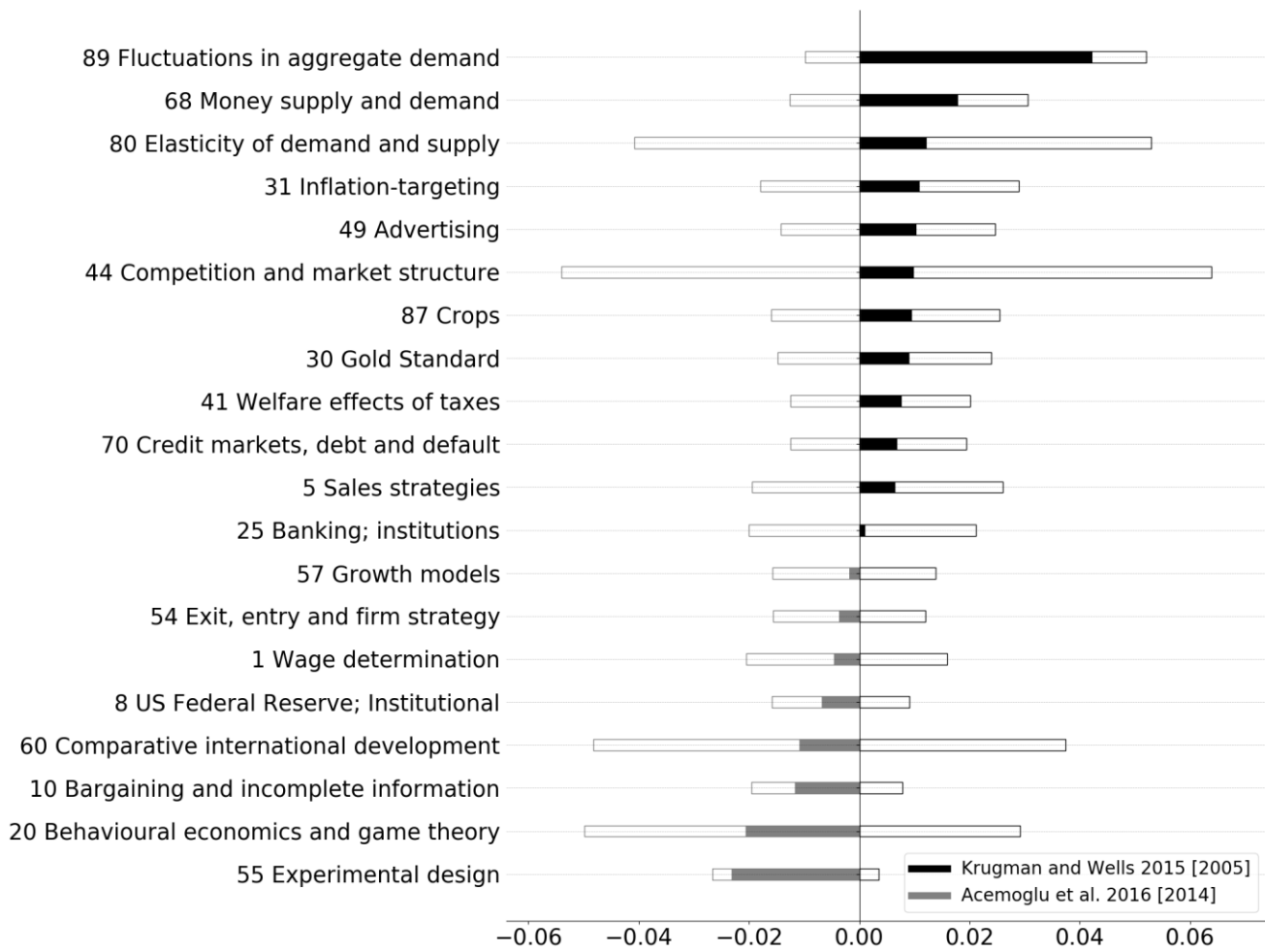
I. PUBLICATION INFORMATION

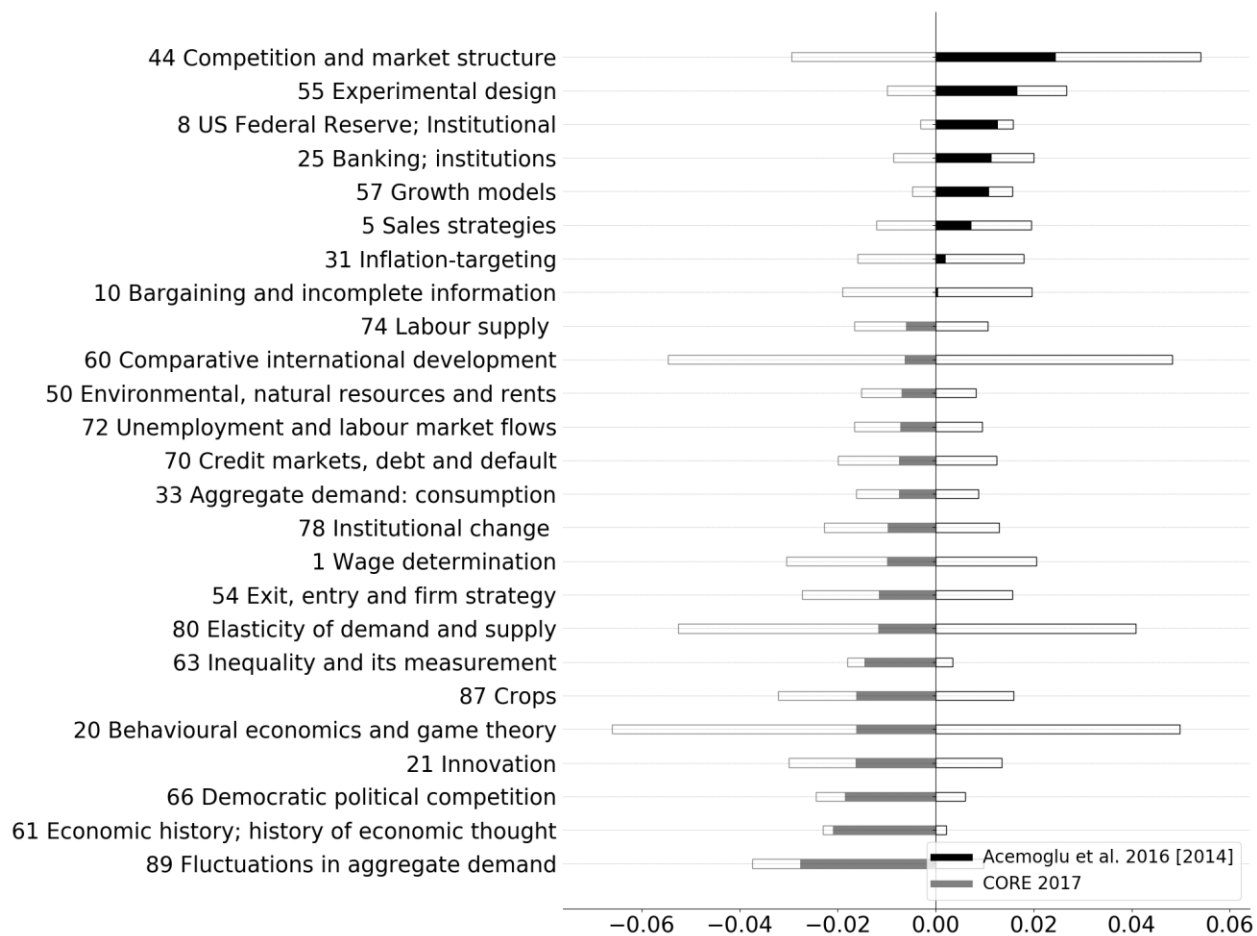
Title	Authors	Pub. Date	Edition	First Pub. Date	Publisher
<i>Outlines of Economics</i>	Richard T. Ely Thomas S. Adams Max O. Lorenz Allyn A. Young	1930	Revised Fifth Ed	1893	The Macmillan Company
<i>Economics: An Introductory Analysis</i>	Paul A. Samuelson	1948	First Edition	1948	McGraw-Hill Book Company, Inc.
<i>Economics</i>	Paul A. Samuelson William D. Nordhaus	1998	Sixteenth Edition	1985	McGraw-Hill Book Company, Inc.
<i>Principles of Economics</i>	N. Gregory Mankiw	2018	Eight Edition	1997	Cengage Learning
<i>Economics</i>	Paul Krugman Robin Wells	2015	Fourth Edition	2005	Worth Publishers
<i>Principles of Economics in Context</i>	Neva Goodwin Jonathan Harris Brian Roach Mariano Torras	2014	First Edition	2014	Routledge
<i>Microeconomics Macroeconomics (combined manually)</i>	Daron Acemoglu David Laibson John A. List	2016	First Edition (Global)	2016	Pearson
<i>The Economy</i>	CORE Team	2017	First Edition	2017	Oxford University Press. Open access at: https://core-econ.org/the-economy/index.html

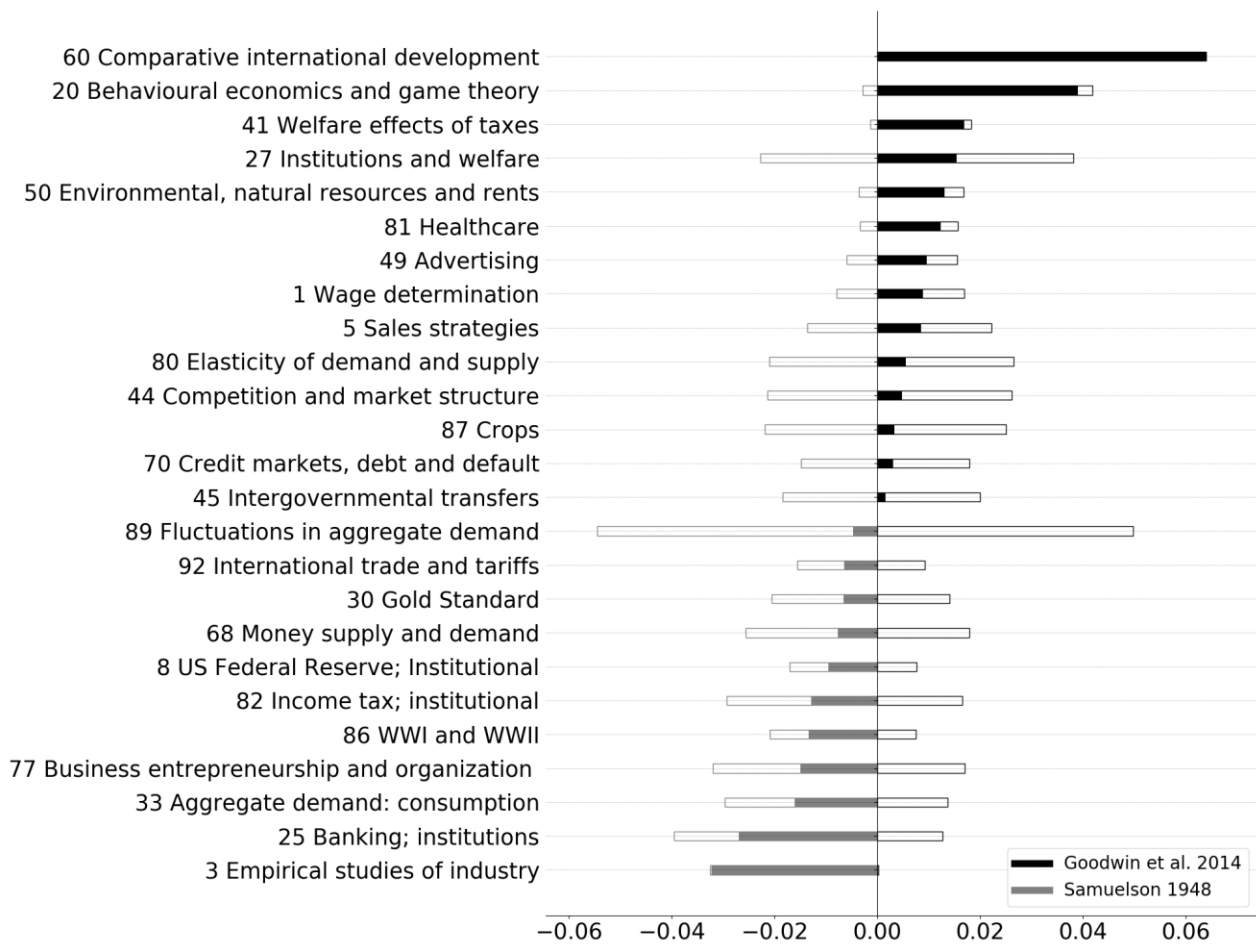
II. TEXT COMPARISONS: HORIZONTAL BARS

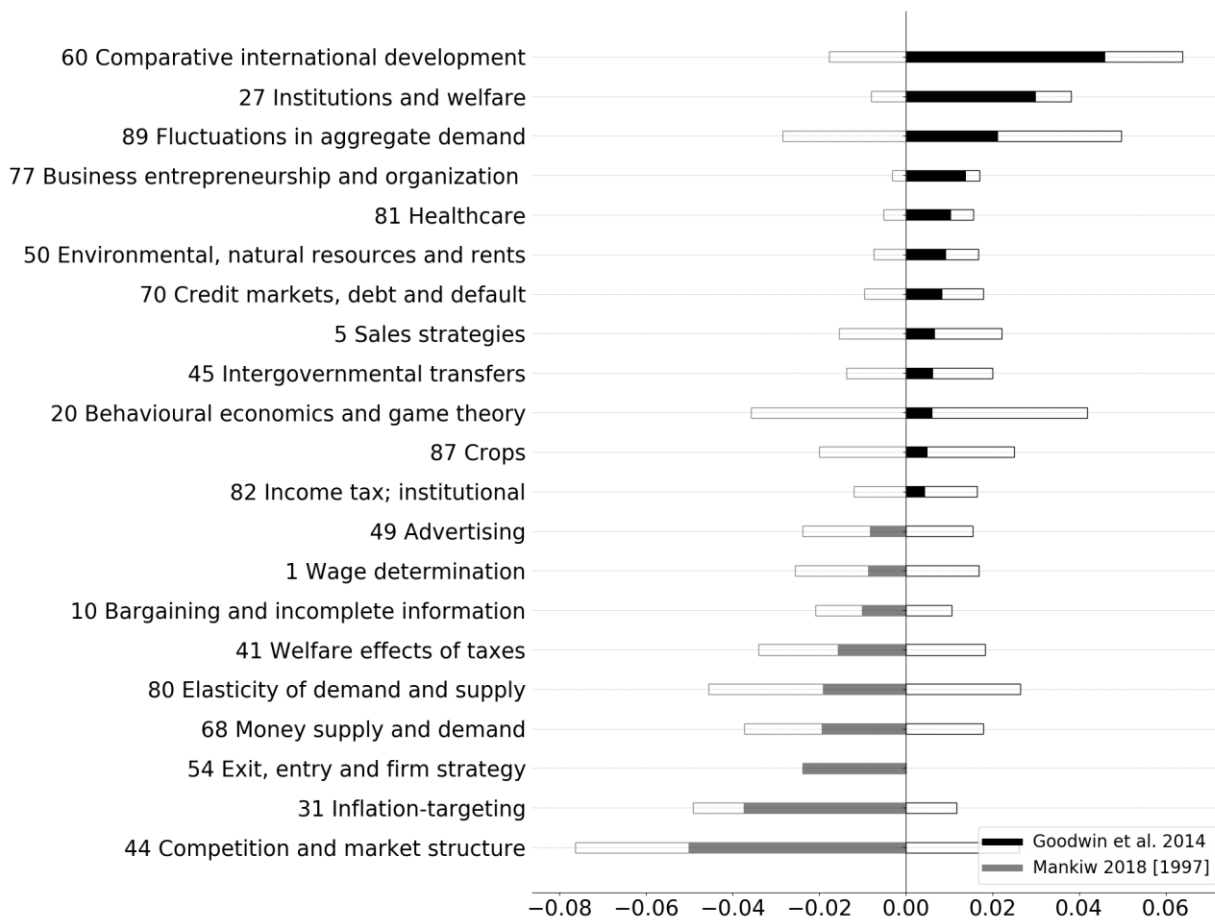


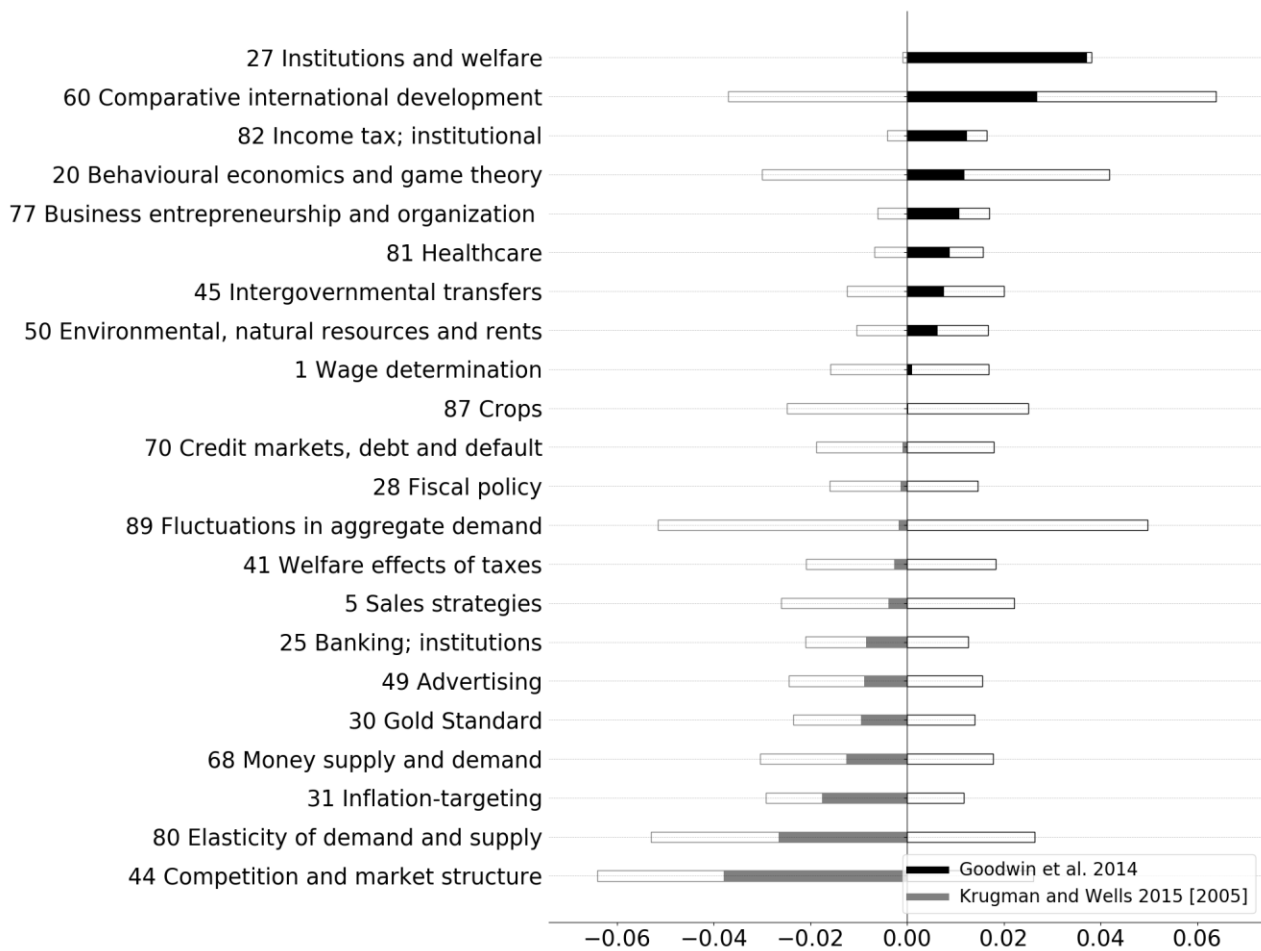


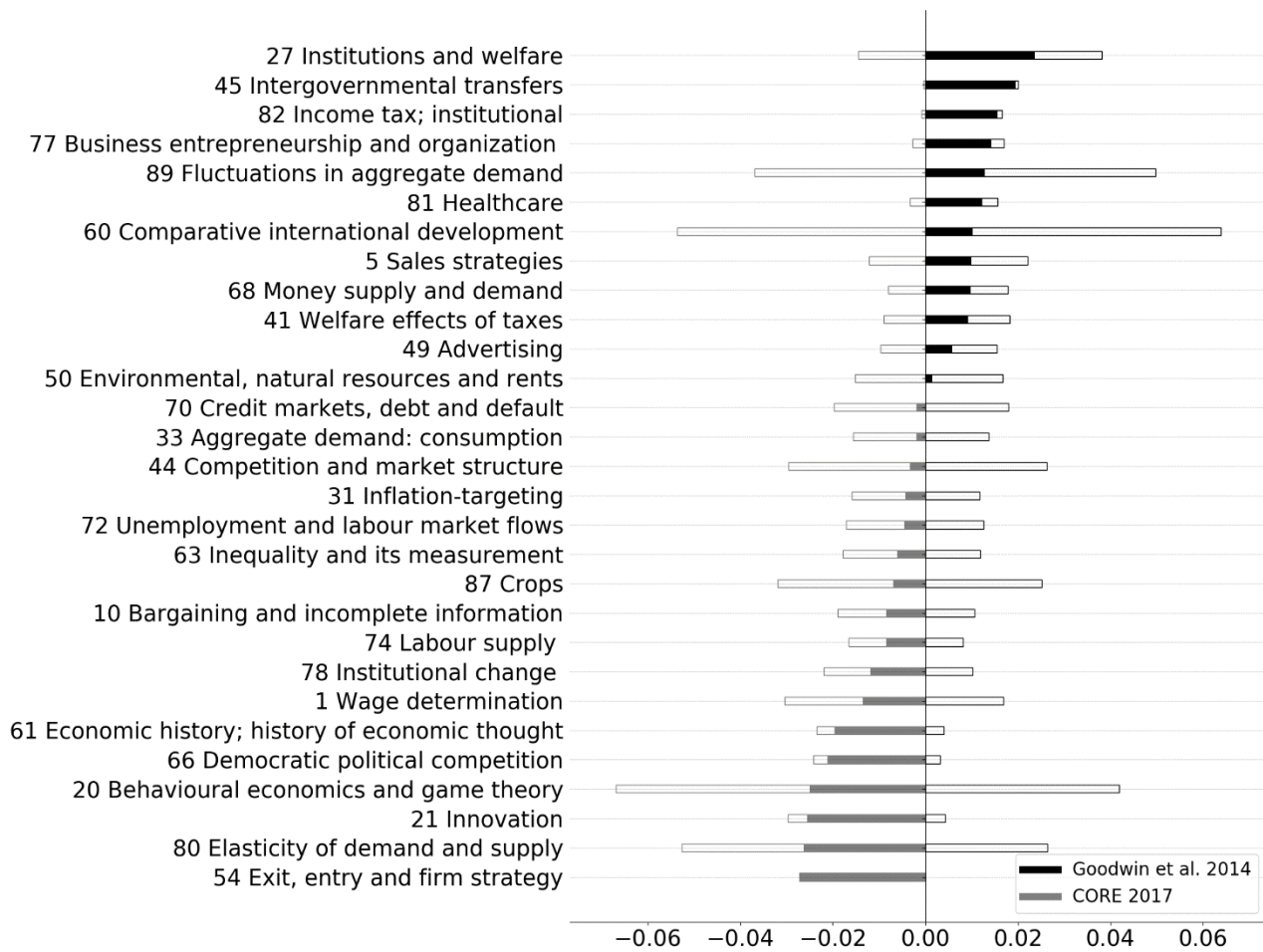






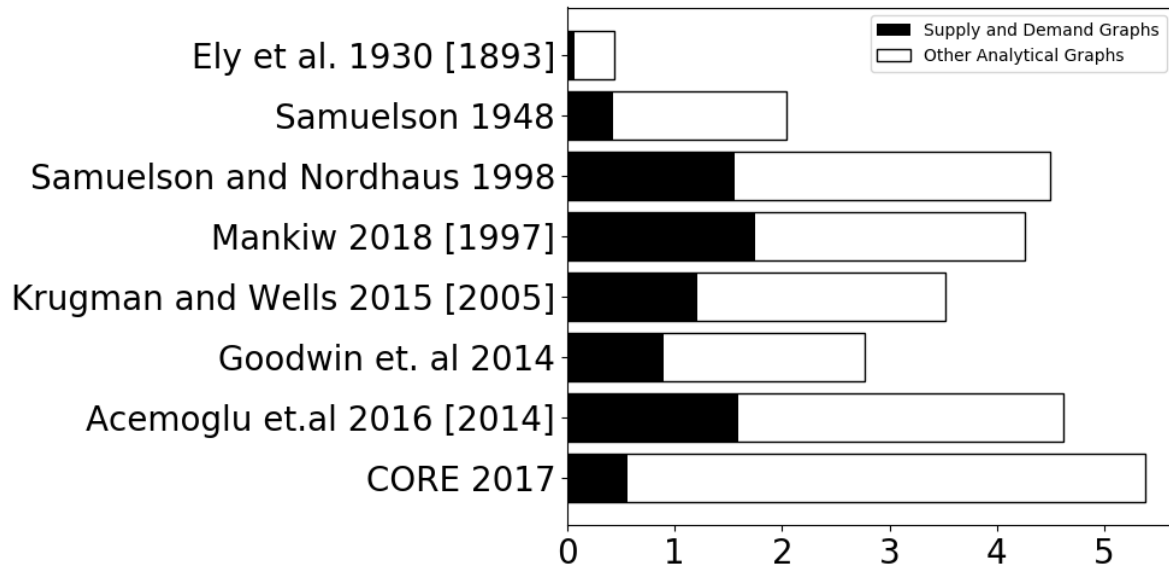






III. TEXT COMPARISONS: SUPPLY AND DEMAND FIGURES (INCLUDING AGGREGATE AS AD)

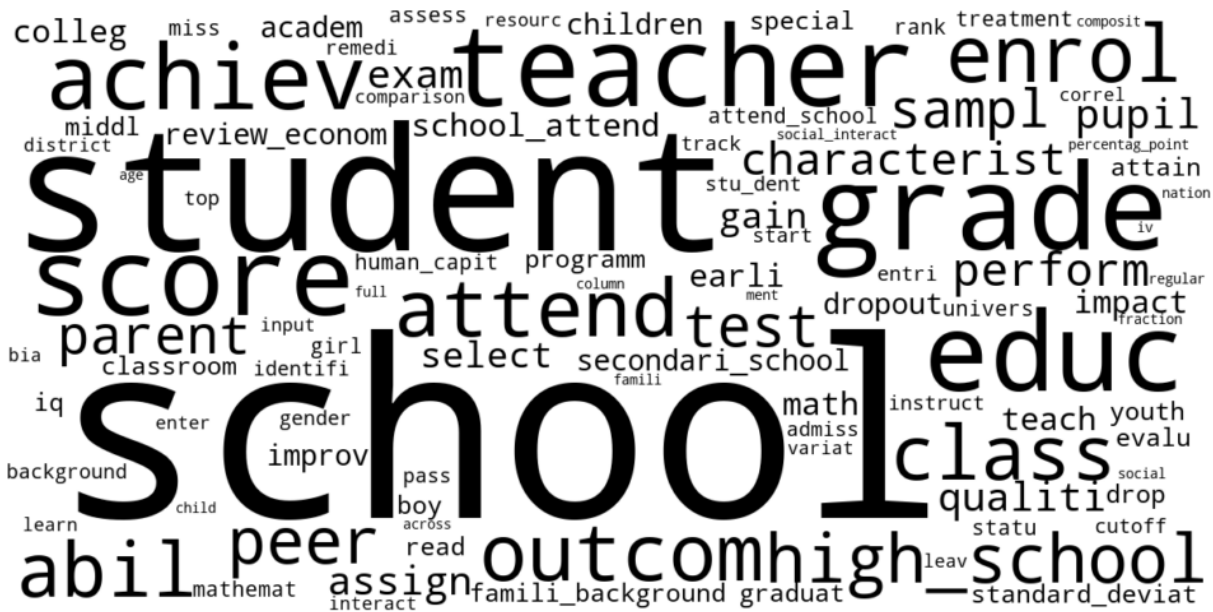
A. Chart with additional textbooks



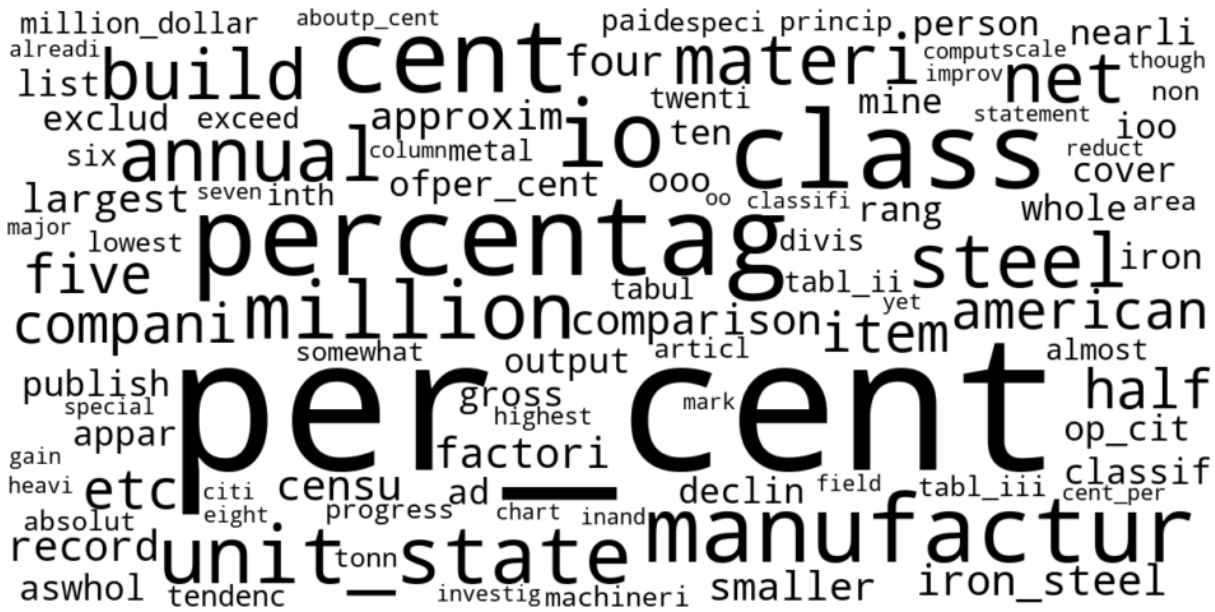
B. Table with additional textbooks

Text	SD curves	Wordcount	(SD*10000)/words	non-SDcurves	total	(Total*10000)/words
Ely 1930	2	321140	0.06227813415	14	16	0.4982250732
Samuelson 1948	11	254681	0.4319128635	41	52	2.0417699
Samuelson-Nordhaus 1998	64	409898	1.561364047	120	184	4.488921634
Krugman-Wells 2015	87	719465	1.20923186	166	253	3.516501845
Acemoglu 2016	74	463308	1.597209632	140	214	4.618957583
Mankiw 2018	78	445948	1.749082853	112	190	4.260586436
CORE 2018	25	449398	0.556299761	217	242	5.384981687
Goodwin	41	458804	0.8936277801	86	127	2.768066538

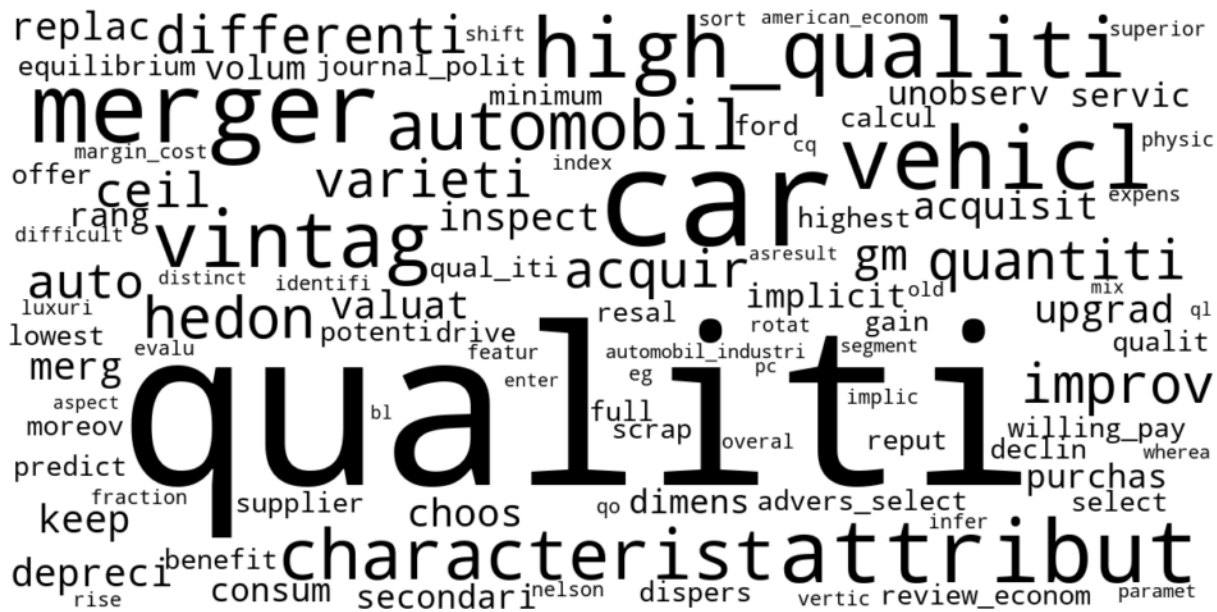
2:Determinants of academic achievement



3: Empirical studies of industry



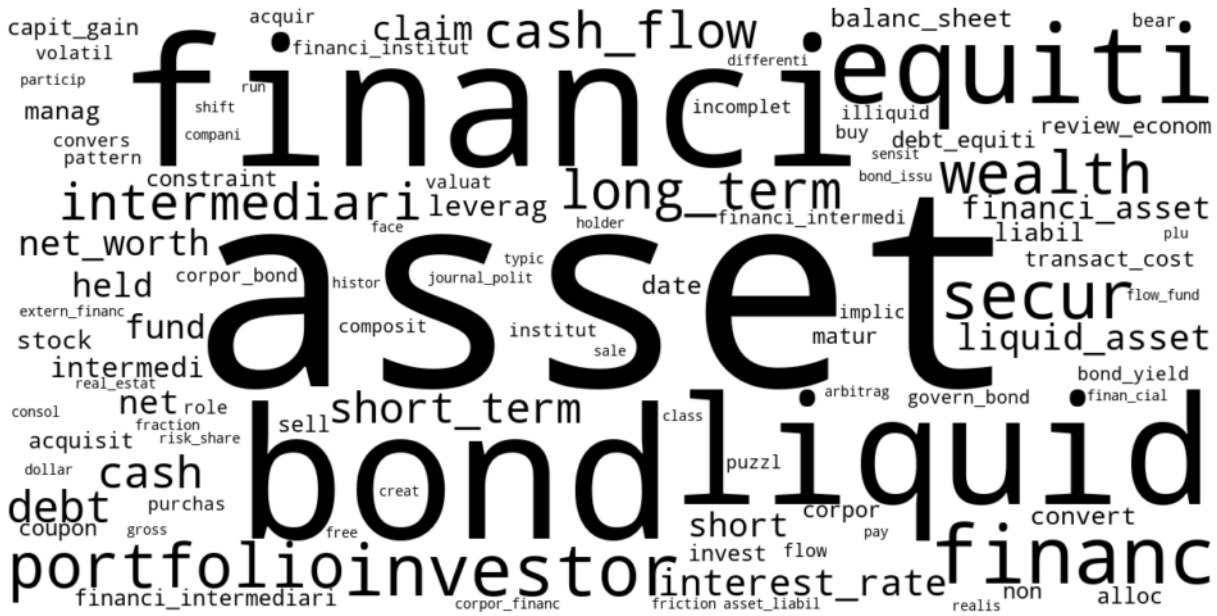
4: Adverse selection; "lemons"



5:Sales strategies



6:Portfolio allocation and asset pricing



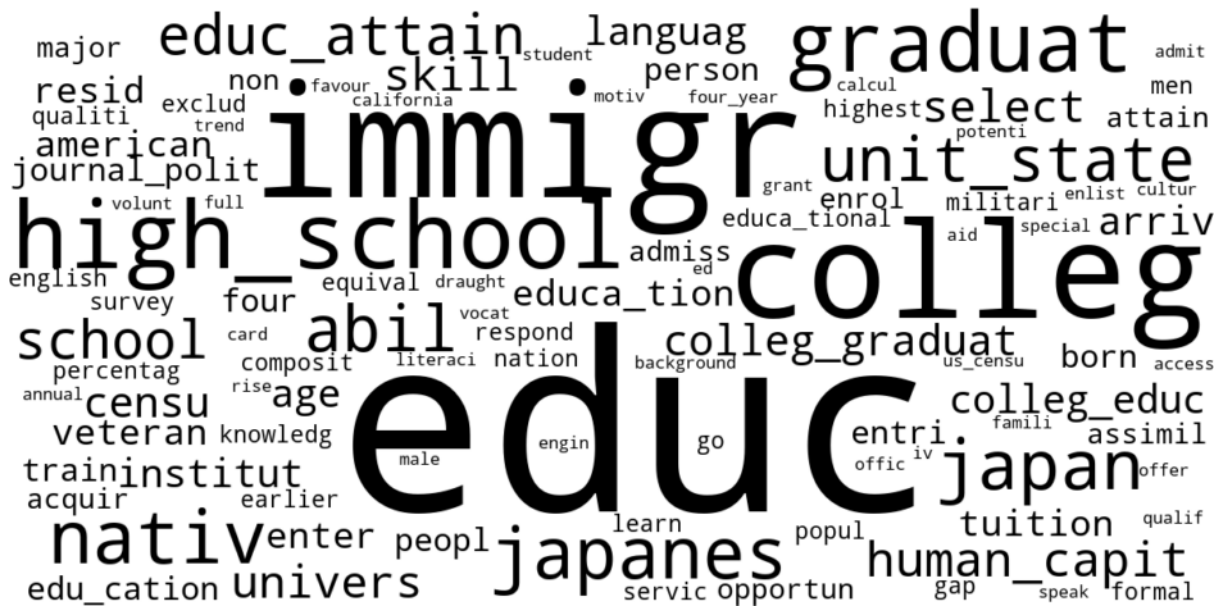
7:Named organizations and positions in them



8:US Federal Reserve; Institutional



9:Education and migration



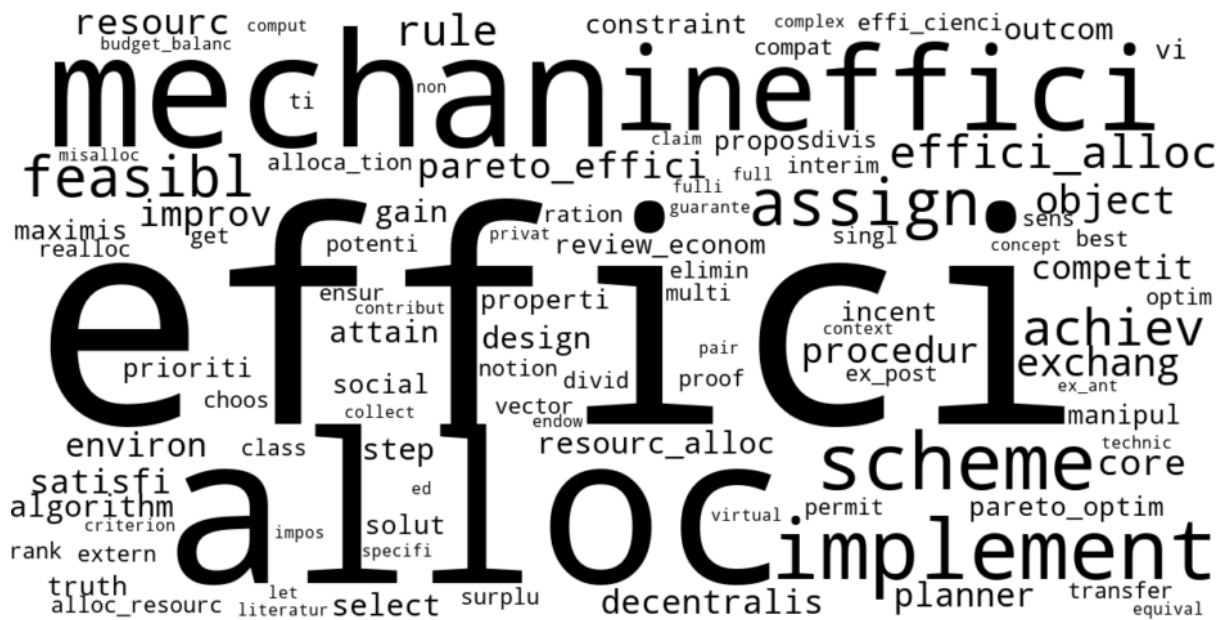
10: Bargaining and incomplete information



11:Labor market search and matching



12: Mechanism design theory



13: Labor unions



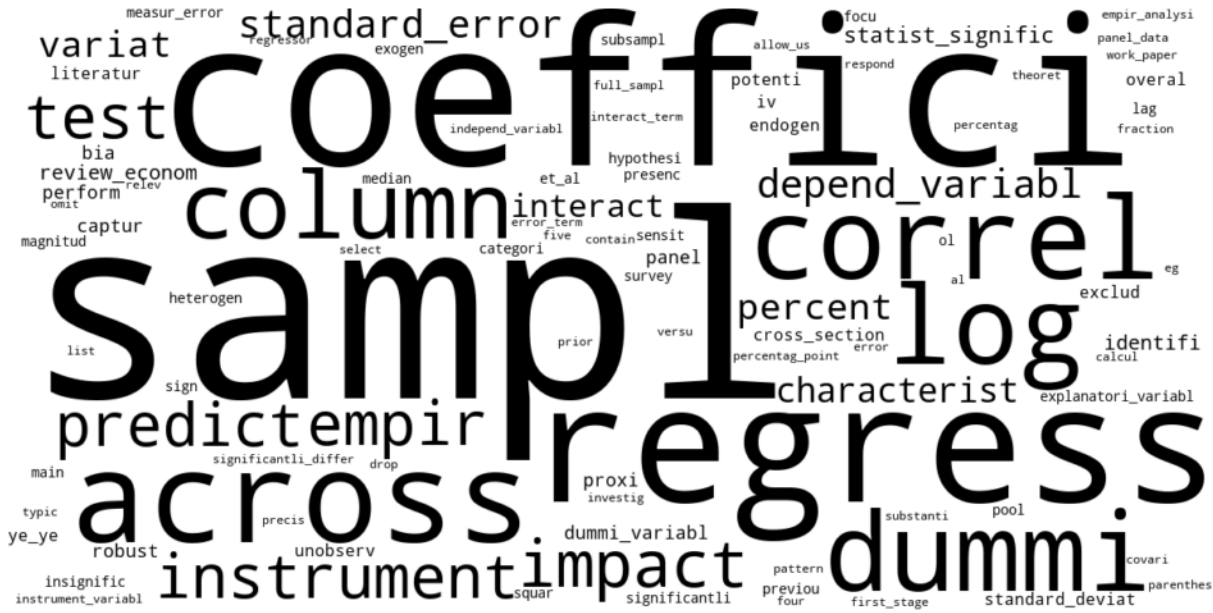
14:Skills, technology, trade and training



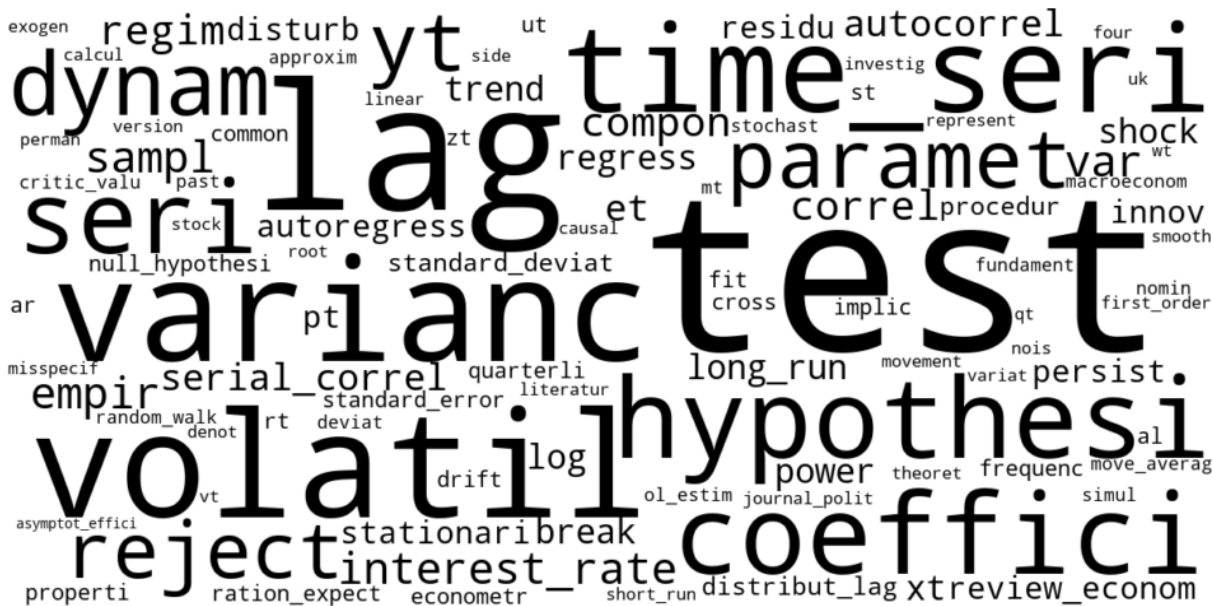
15:Public regulation



16:Applied econometrics; cross-section and panel



17:Applied econometrics; time series



18:Risk preferences



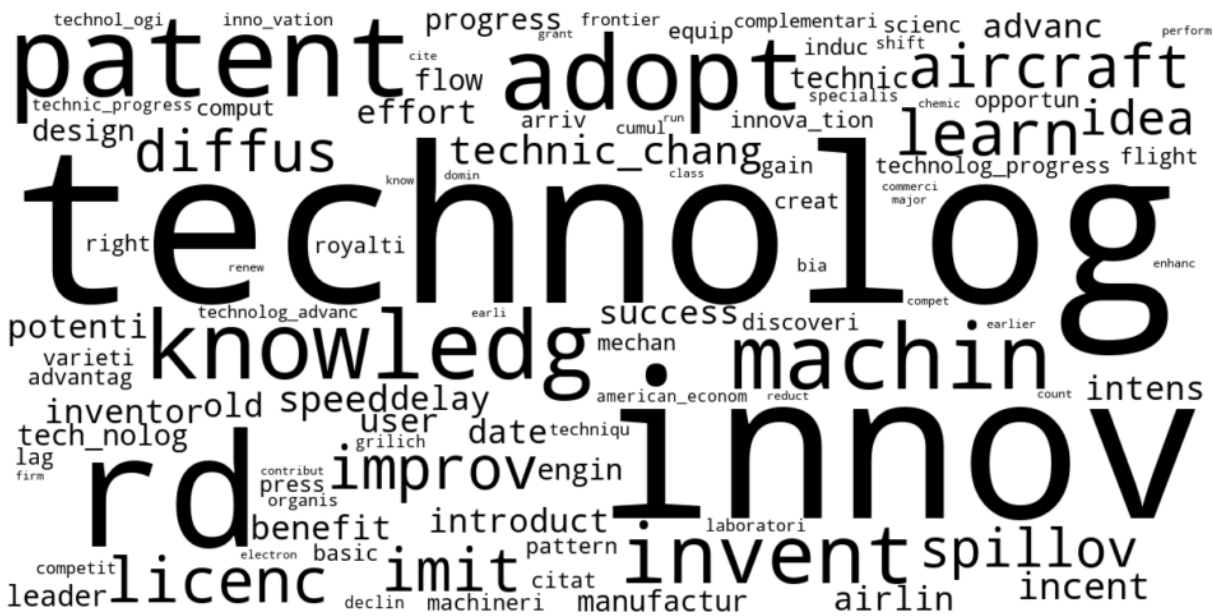
19:Statistical distributions and measurement



20:Game theory and behavioral economics



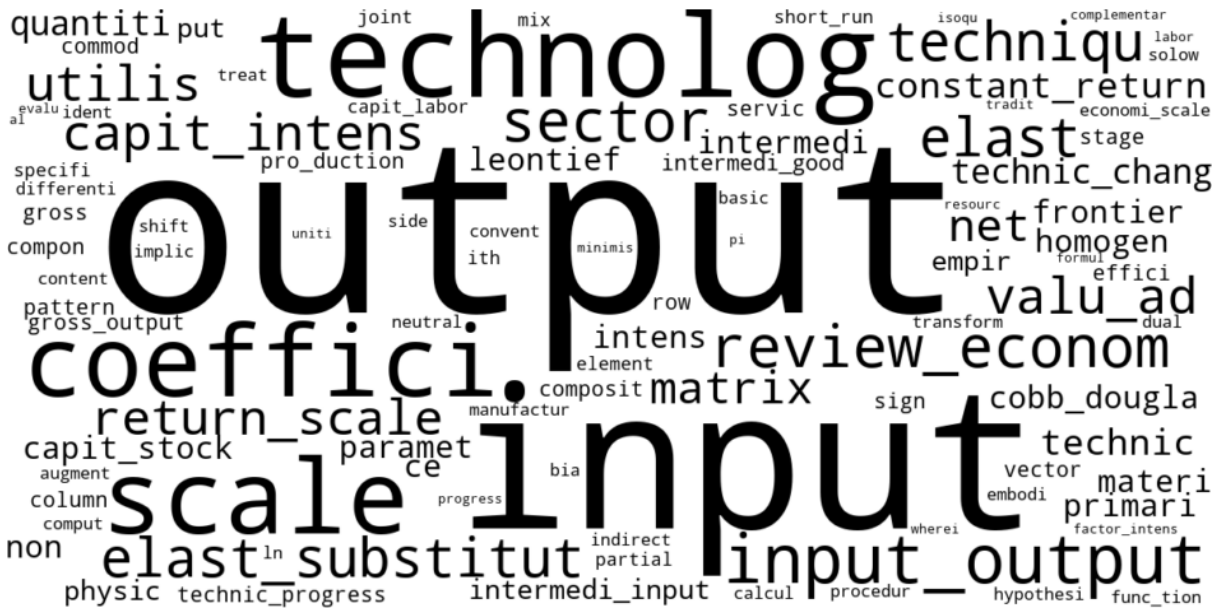
21:Innovation



22:Forecasting



23:Production functions



24:International trade: pricing and policy



25:Banking; institutions



26:French language



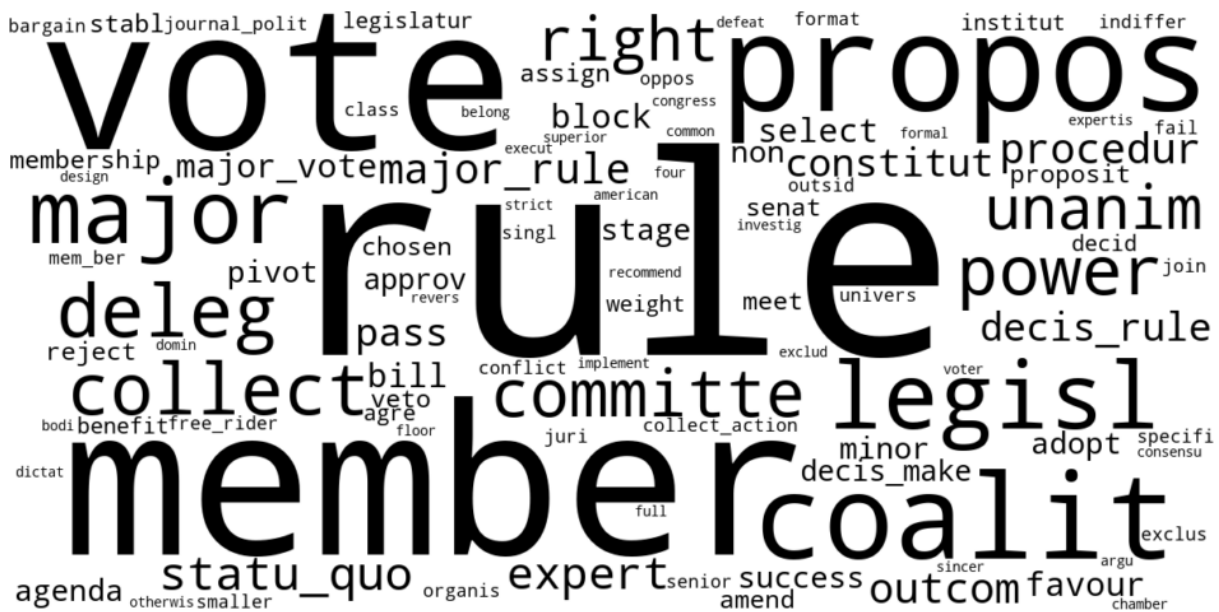
27:Institutions and welfare



28:Fiscal policy



29:Decision-making in organizations



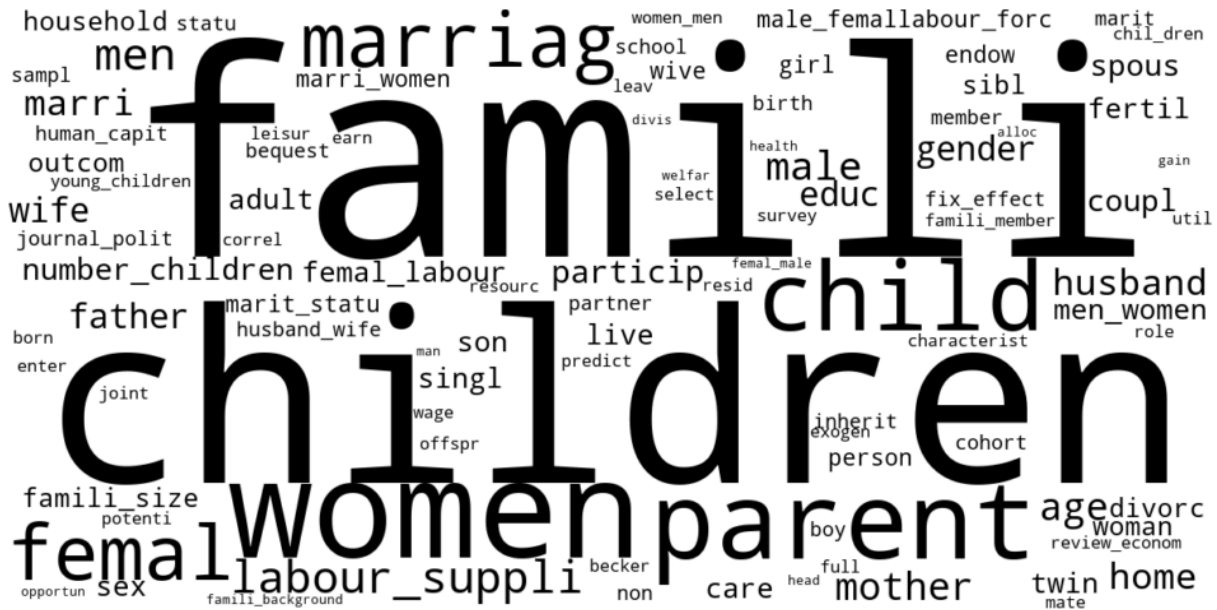
30:Gold Standard



31:Monetary policy and inflation



32:Economics of the family



33:Aggregate demand: consumption



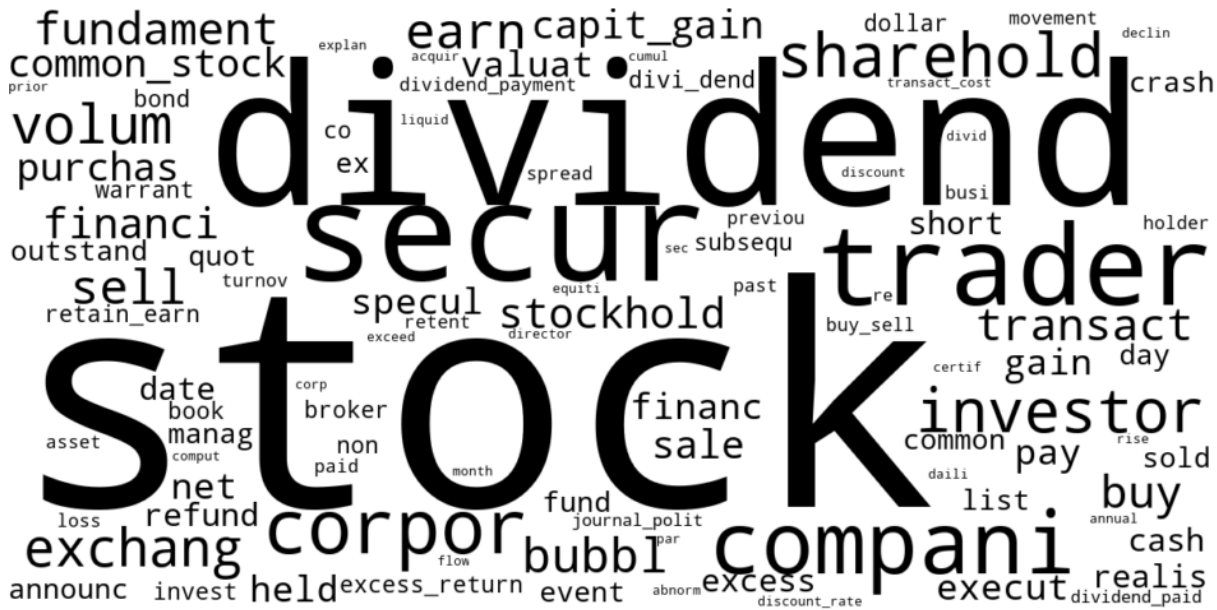
34:Generic economic language, I



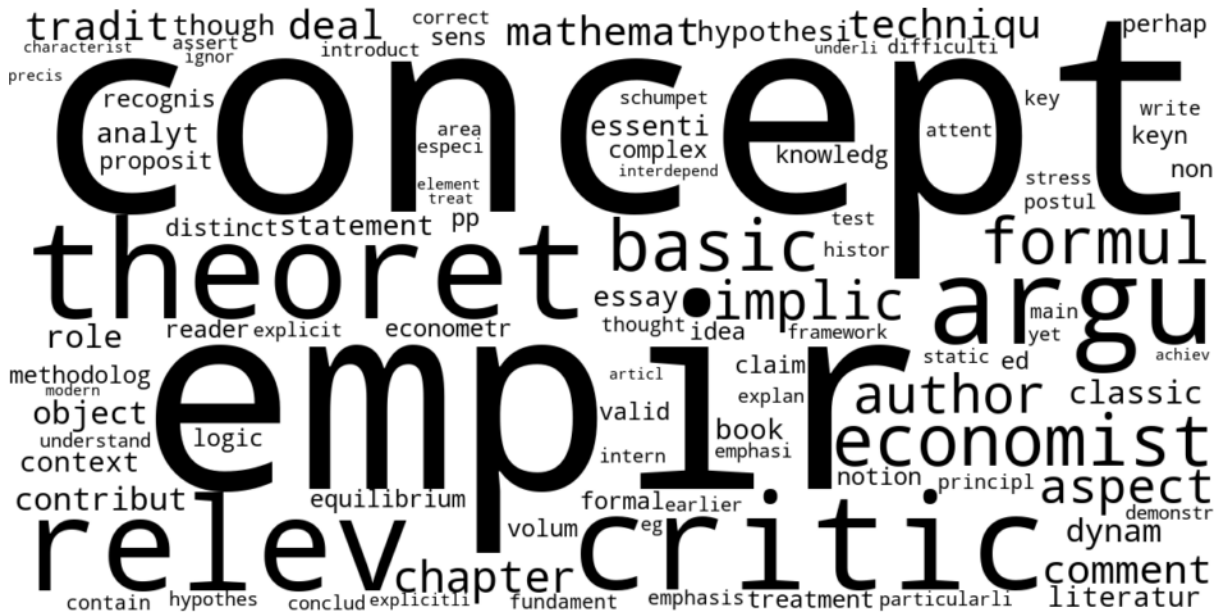
35:Household expenditure



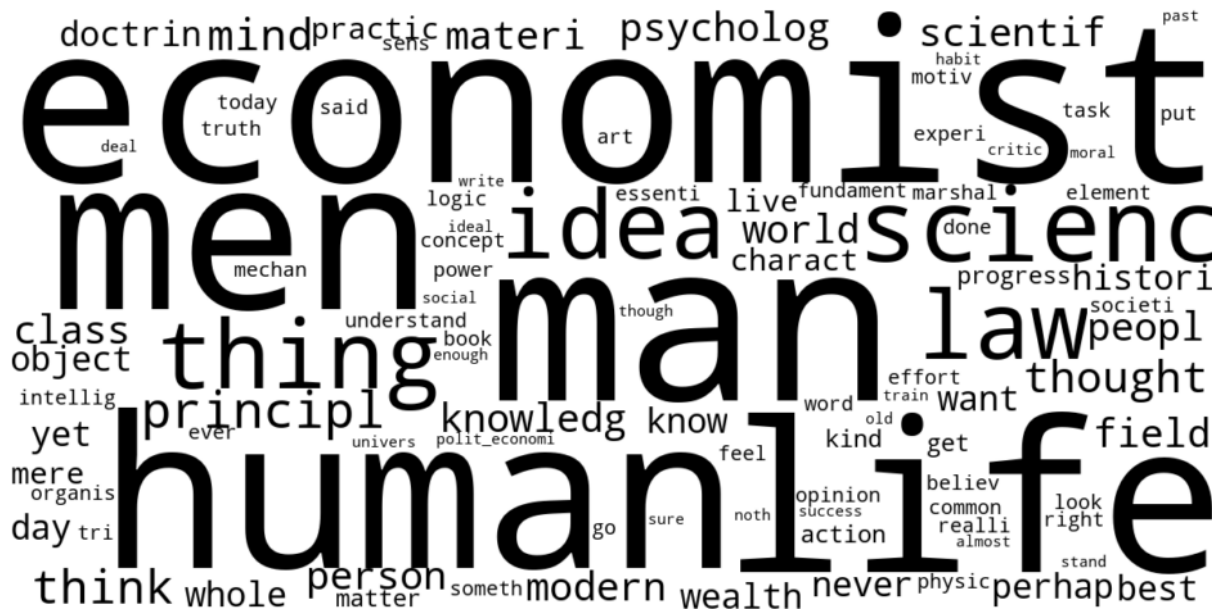
36:Stock prices and trading



37:Economic methodology



38:Generic economic language, II



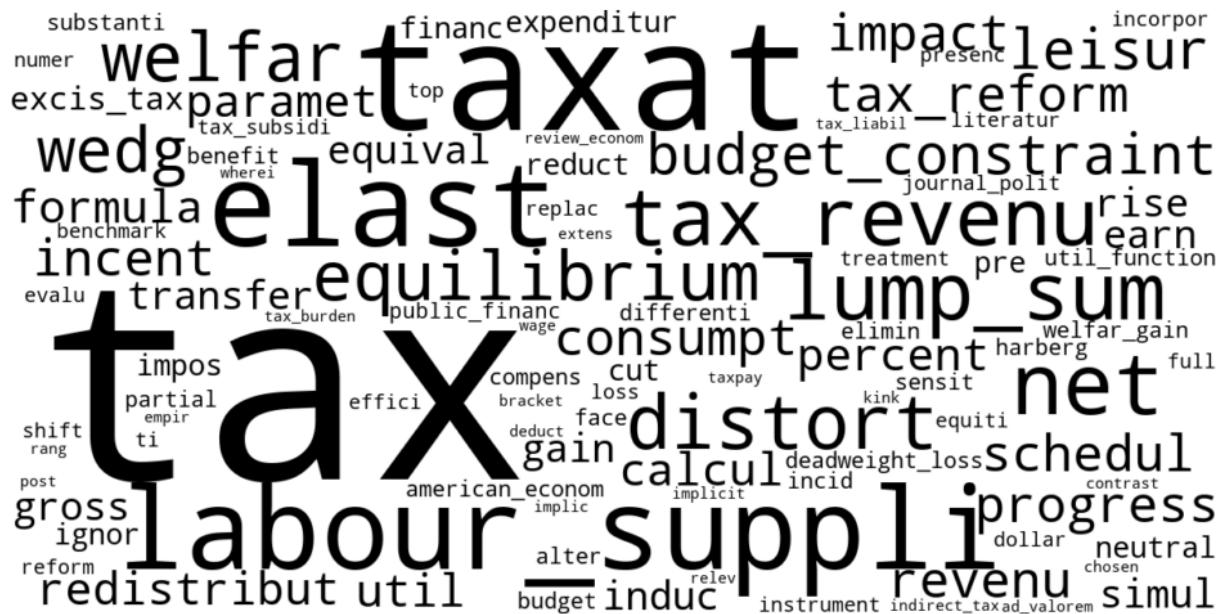
39:Nominal wage and price rigidity; macroeconomics



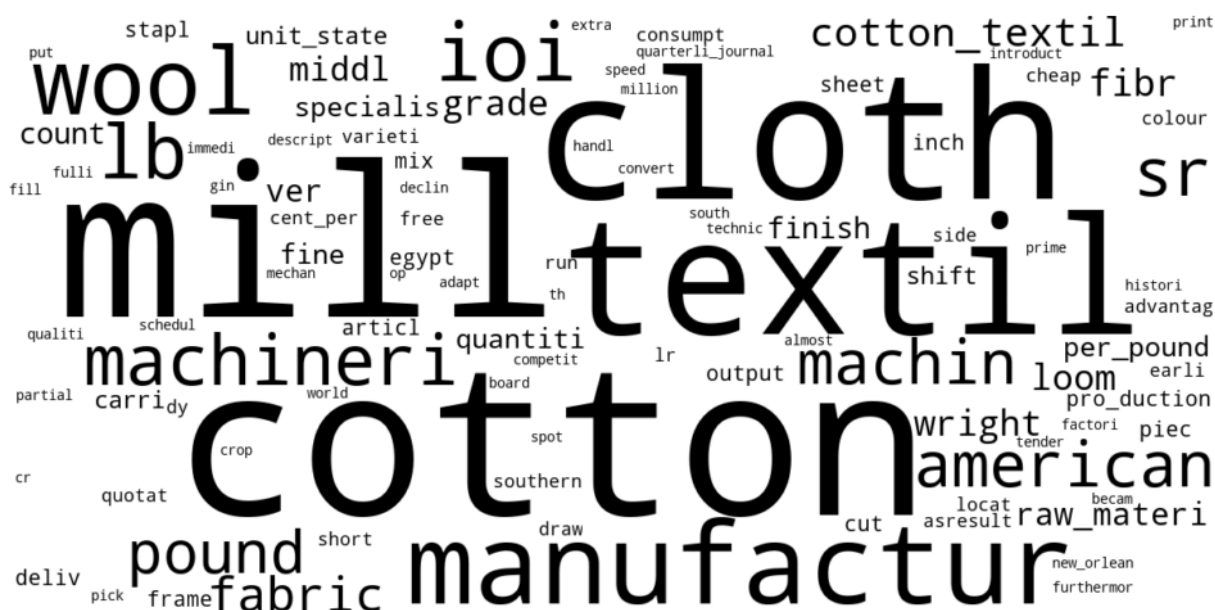
40:Balance of payments



41:Welfare effects of taxes



42:Textile industry



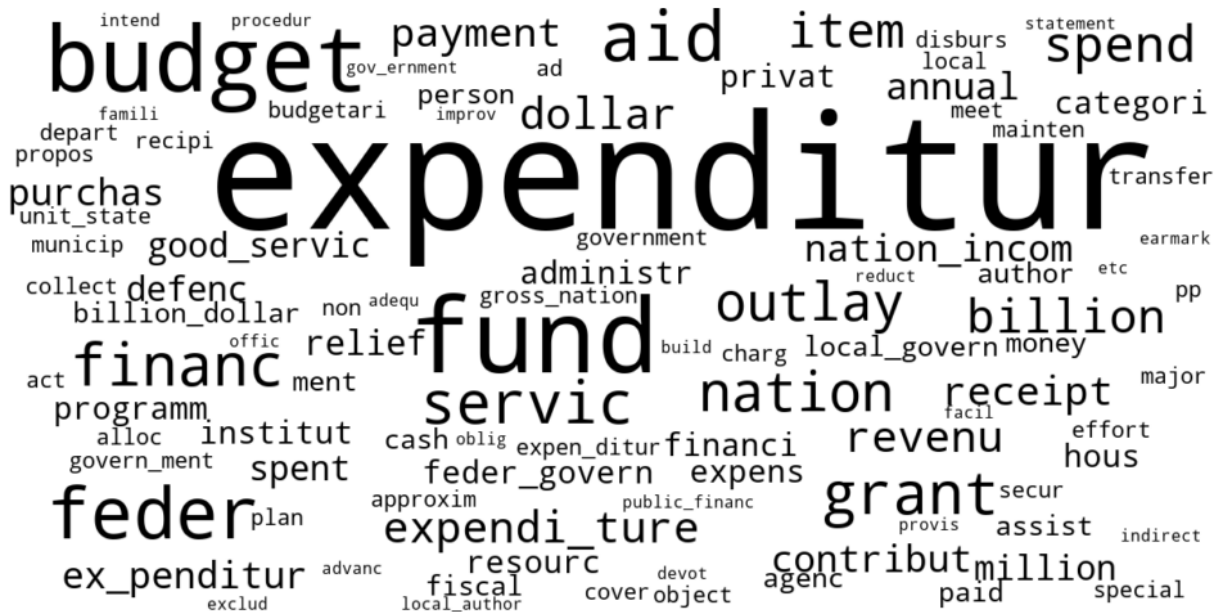
43:Investment and depreciation



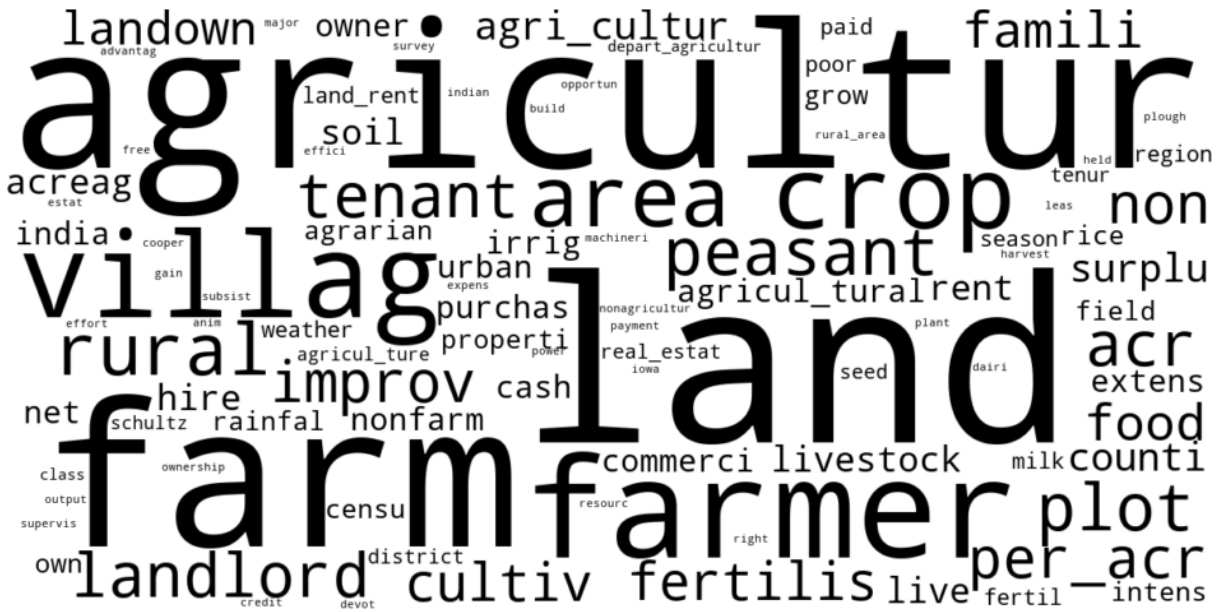
44: Competition and market structure



45: Intergovernmental transfers



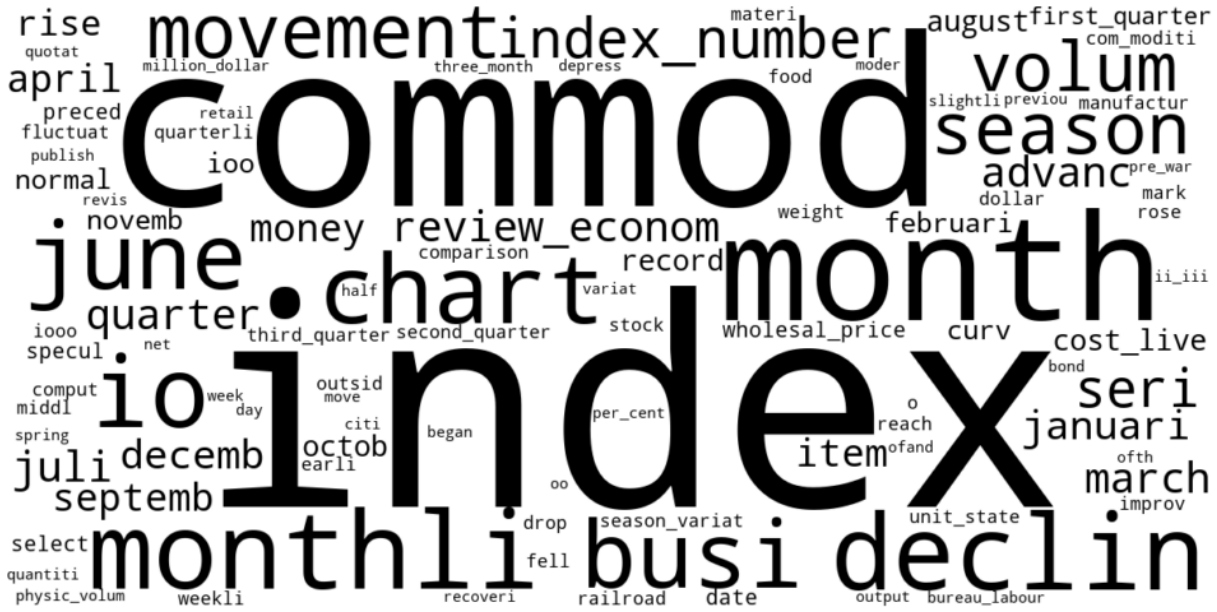
46:Agricultural economics



47:Decision theory and expected utility



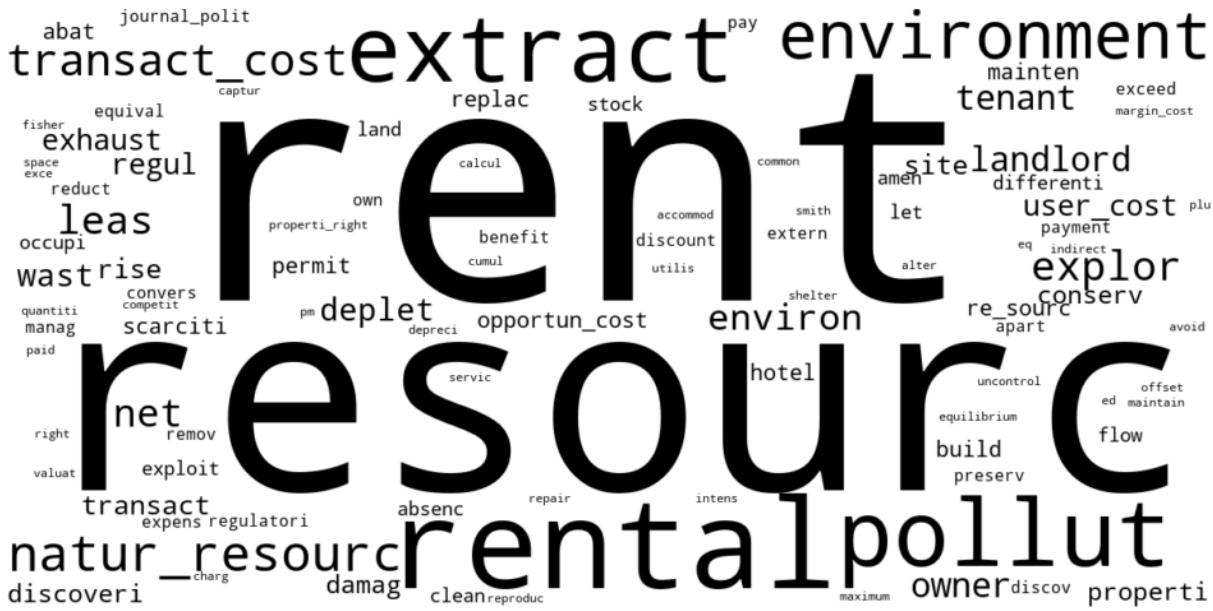
48:Business activity reports



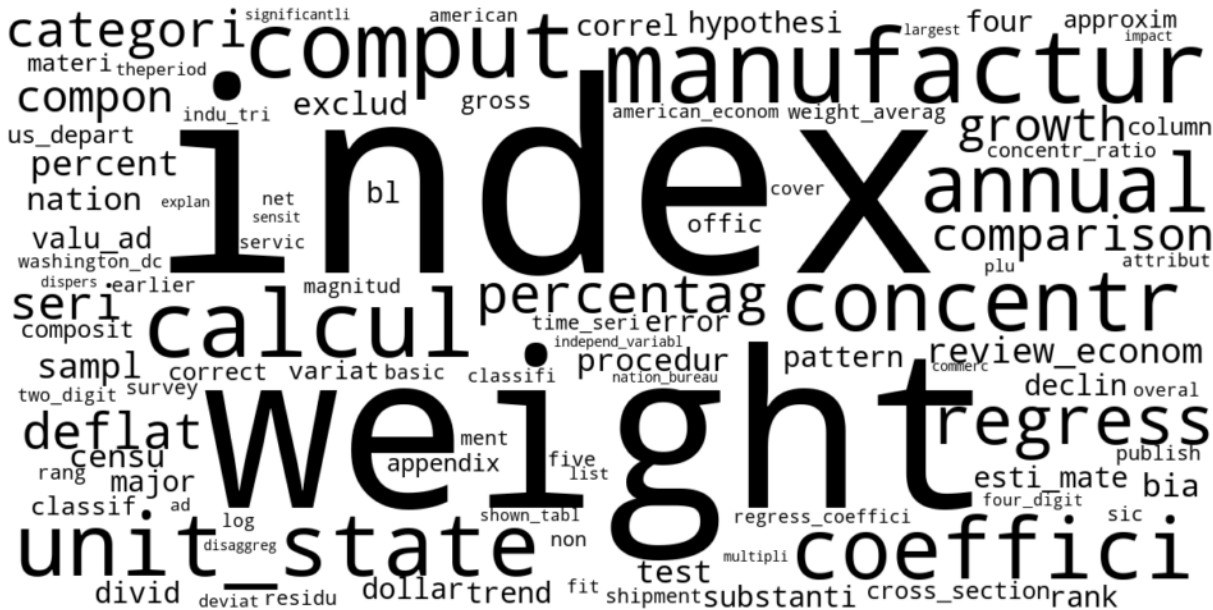
49:Advertising and consumer demand



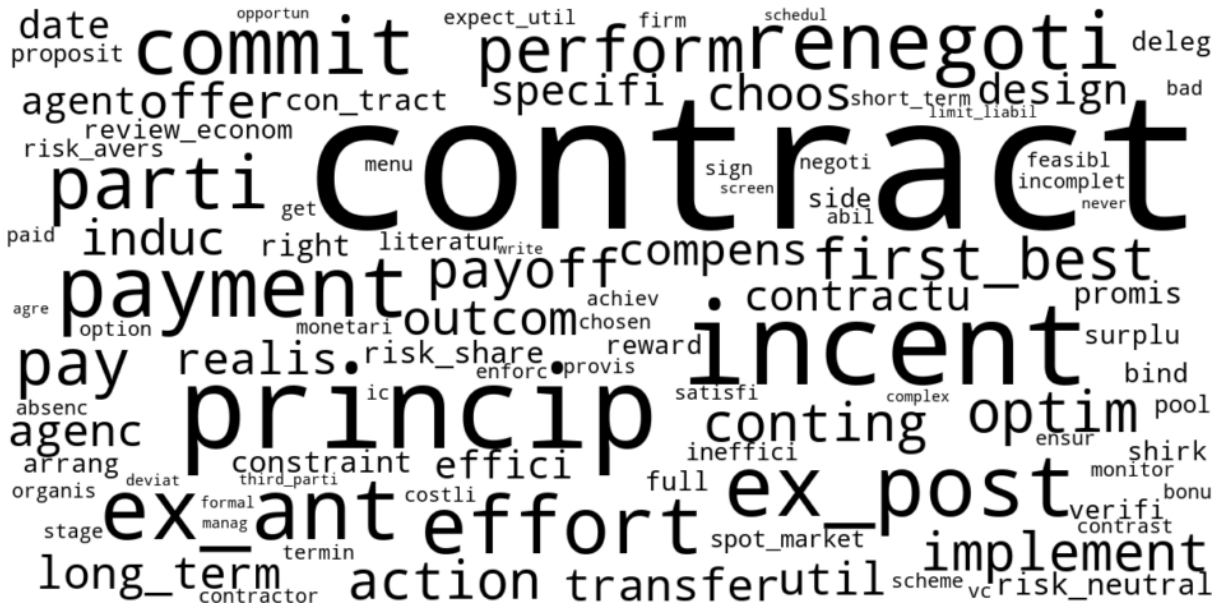
50:Environmental, natural resources and rents



51:Measurement; market structure



52: Incomplete contracts and principal-agent models



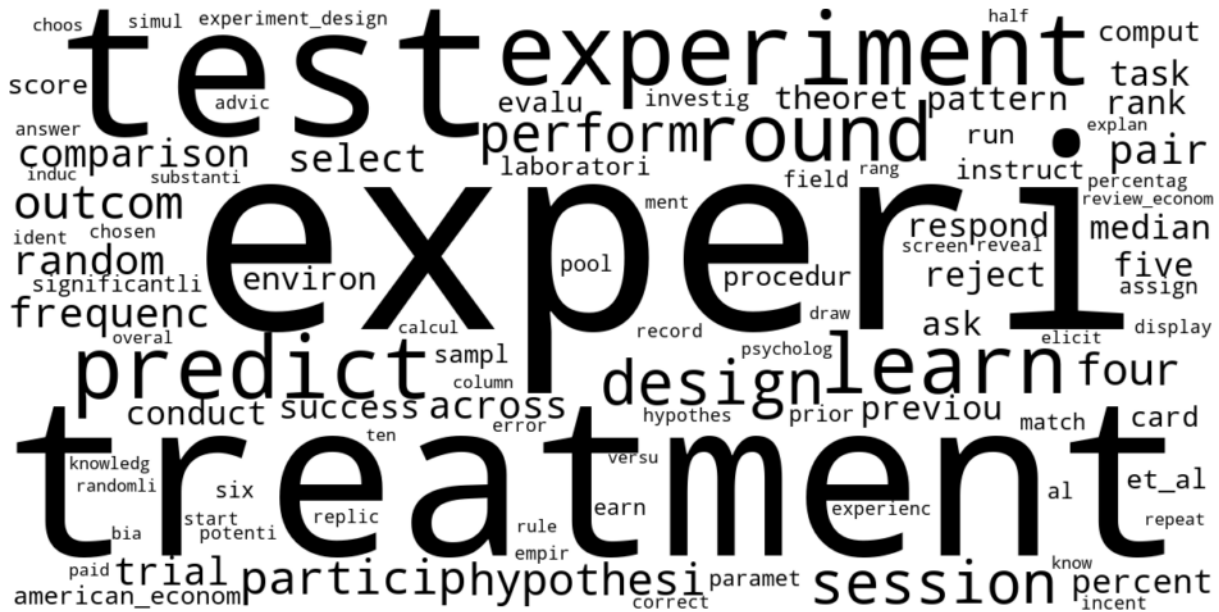
53:International trade institutions



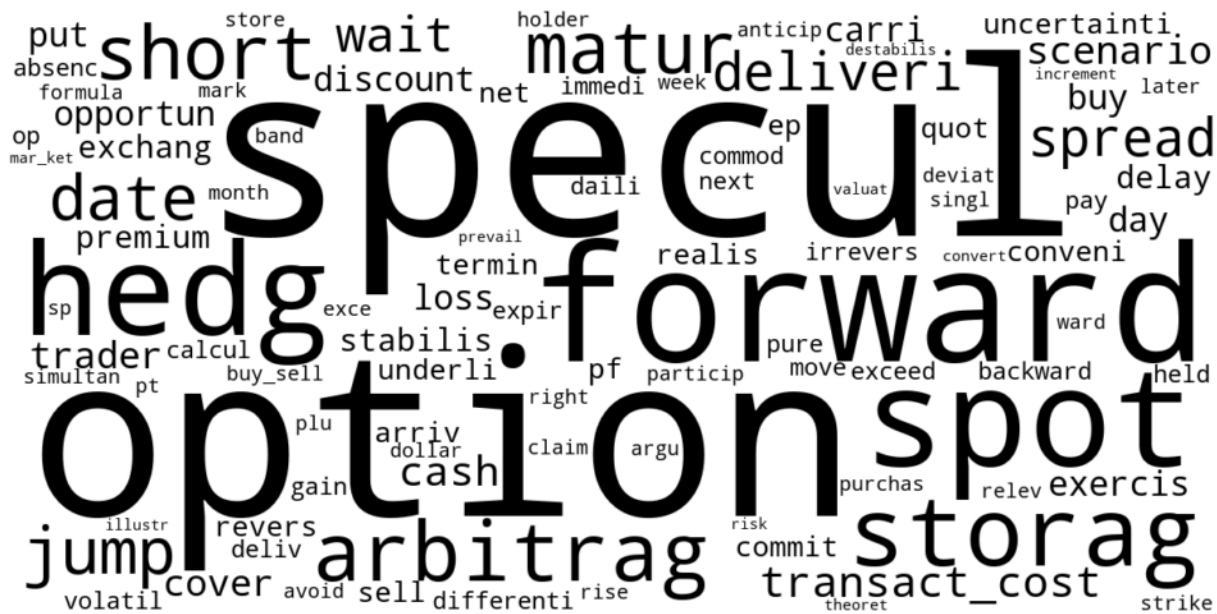
54:Exit, entry and firm strategy



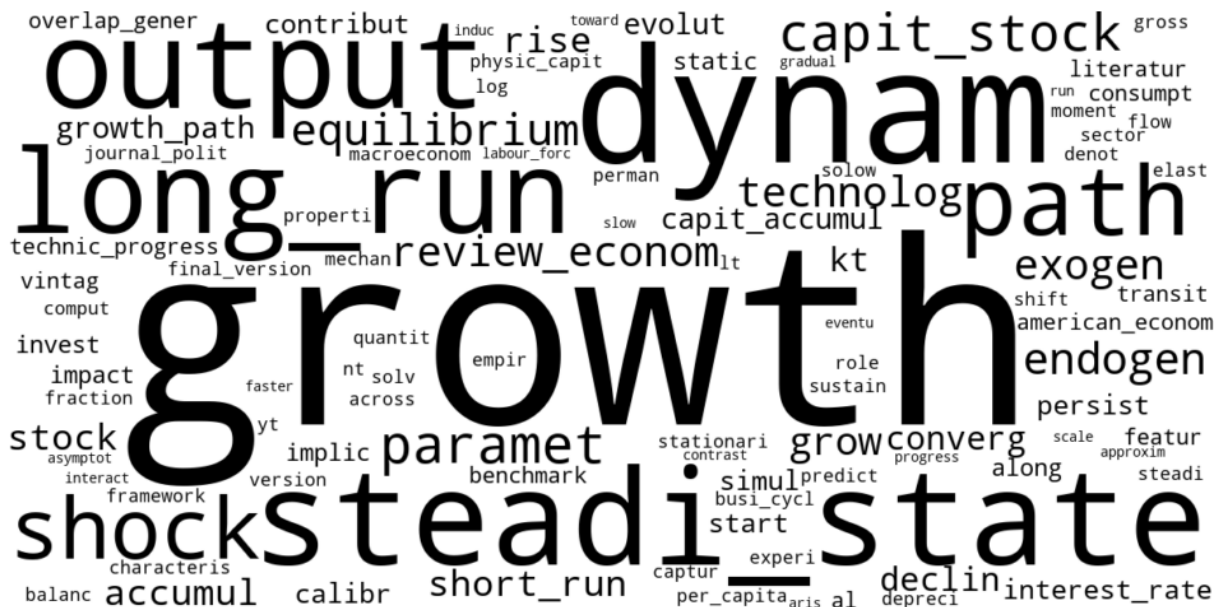
55:Experimental design



56:Financial market speculation

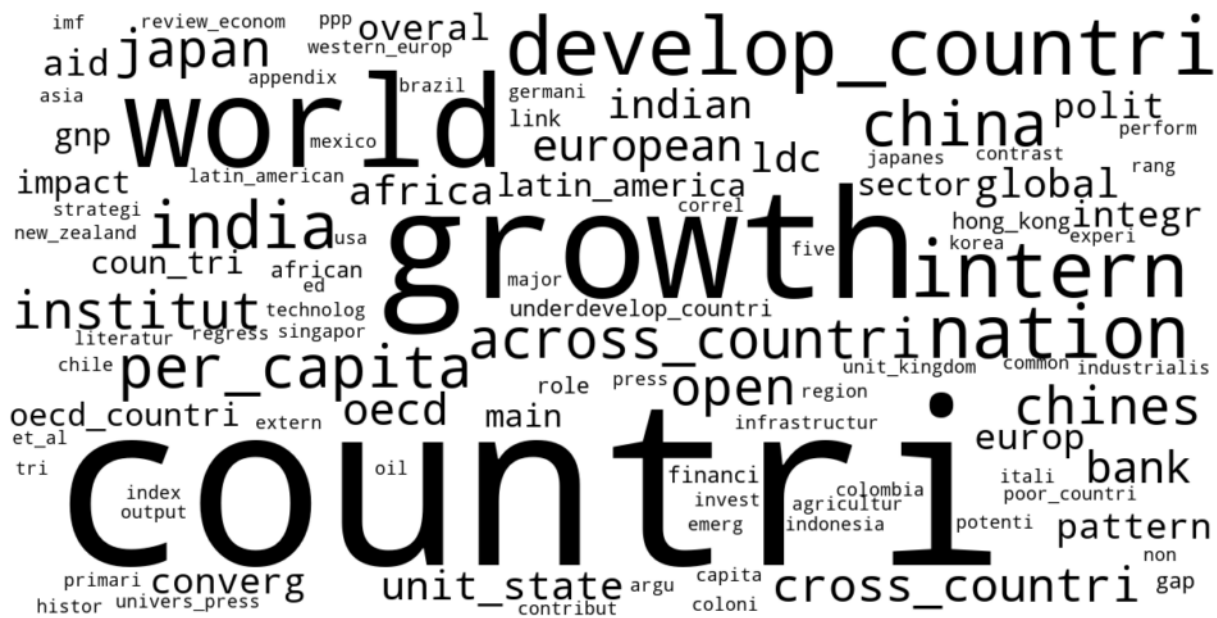


57:Growth models



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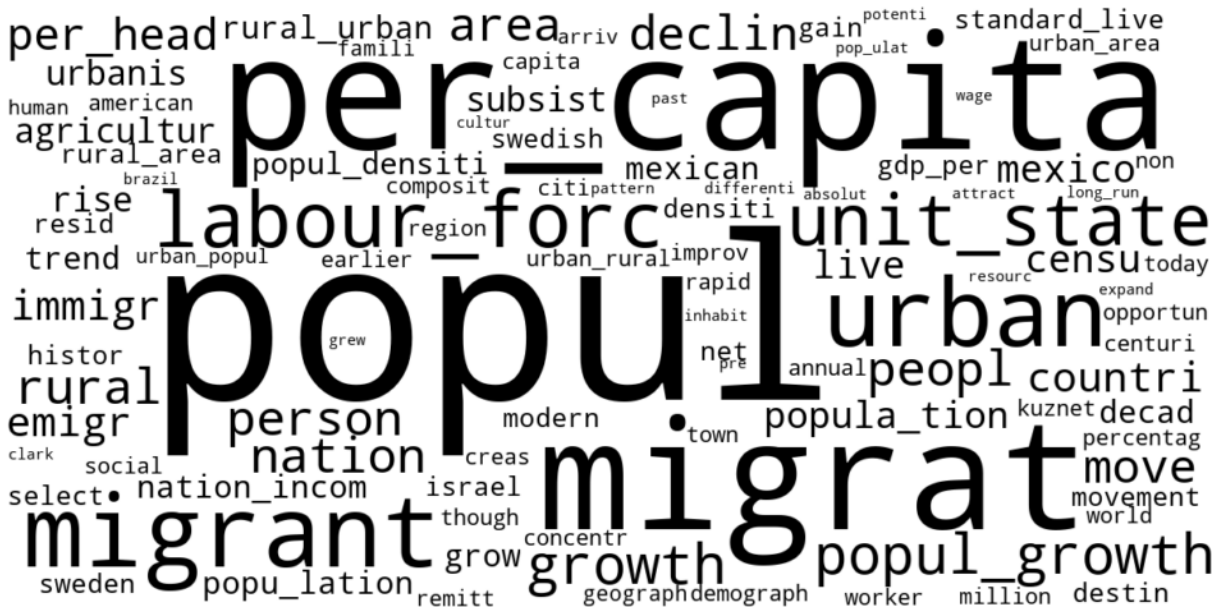
60:Comparative international development



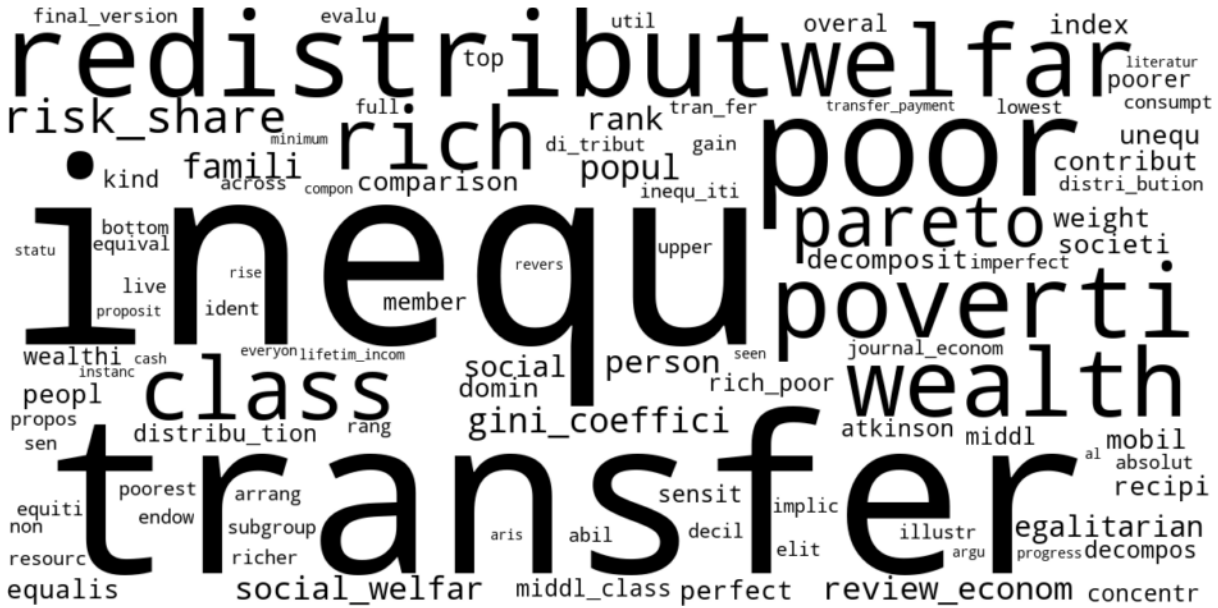
61:Economic history; history of economic thought



62:Migration



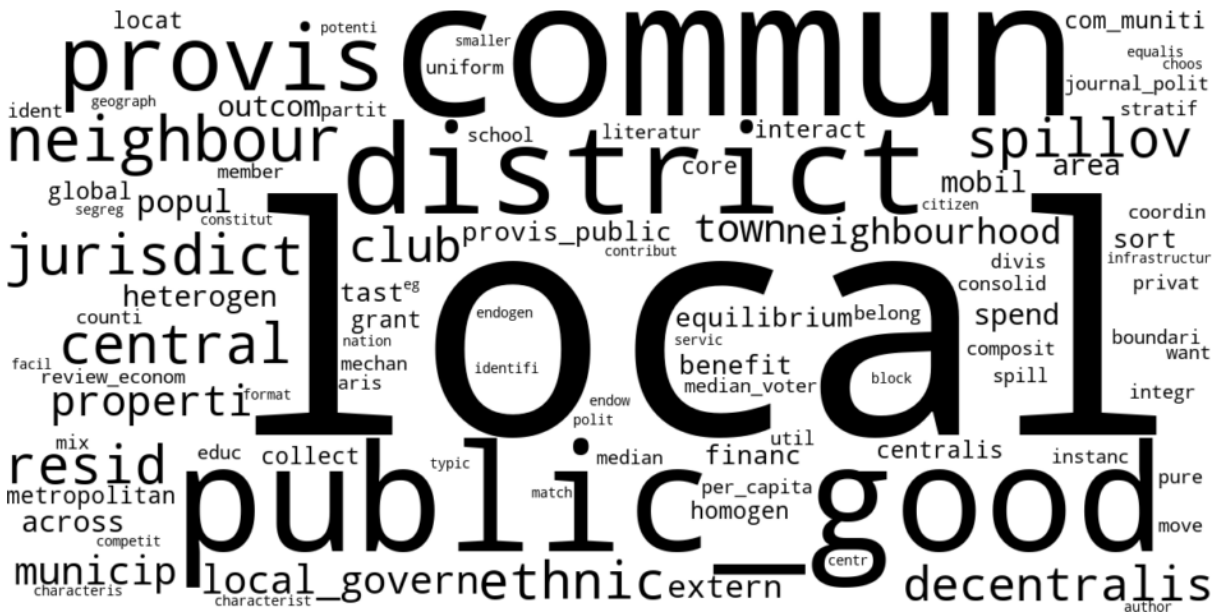
63:Inequality and its measurement



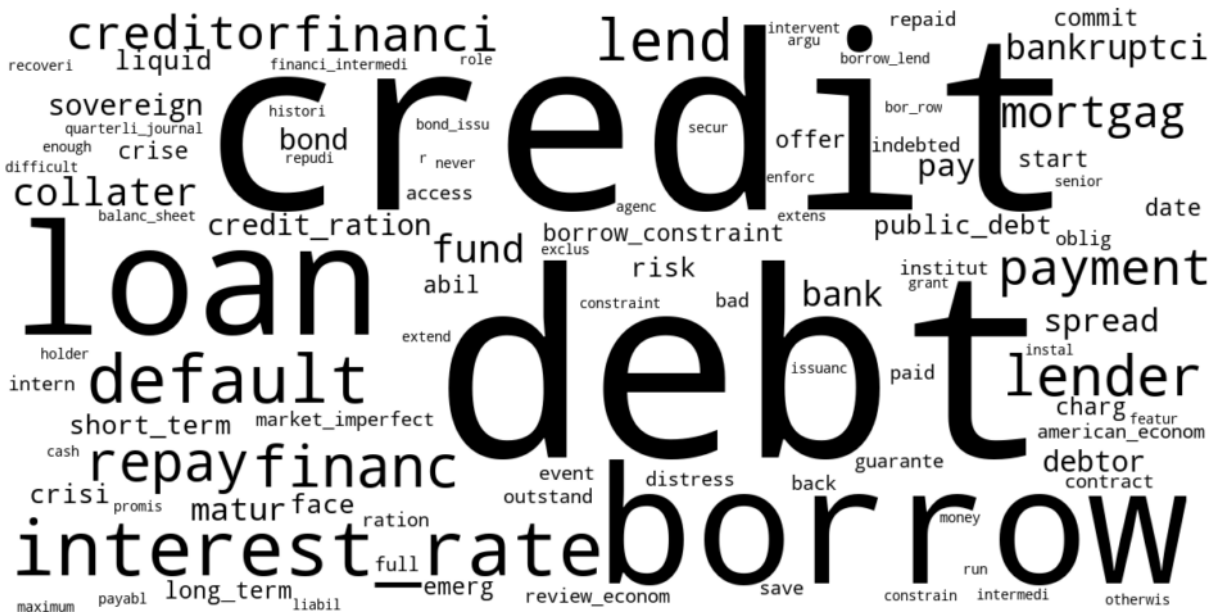
64:Auctions



65:Local public goods



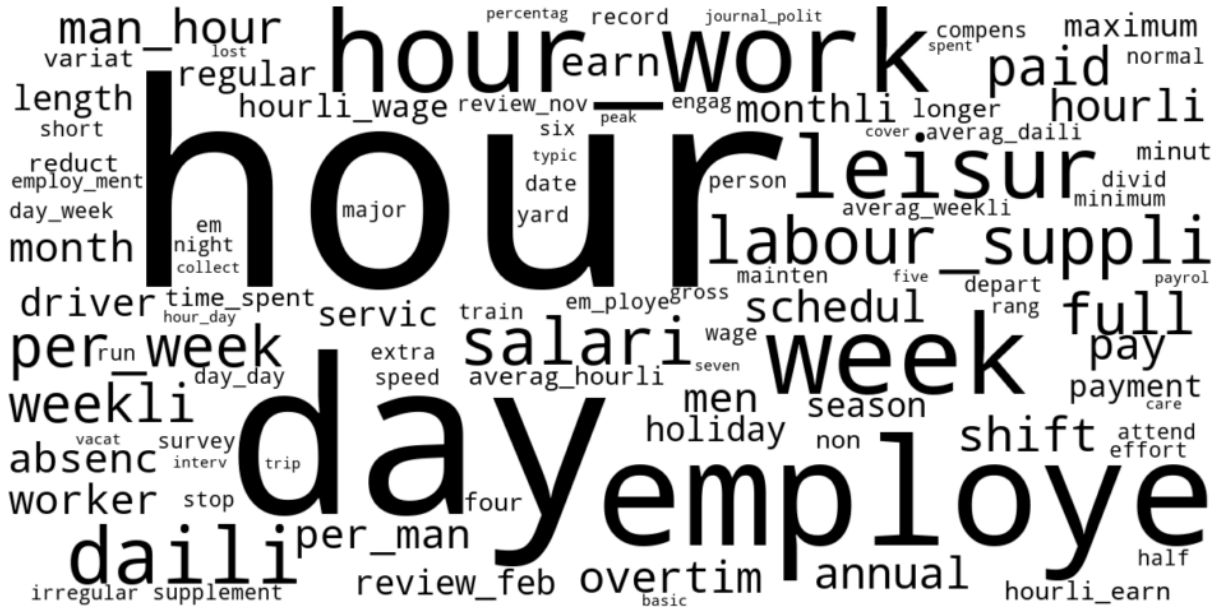
70:Credit markets, debt and default



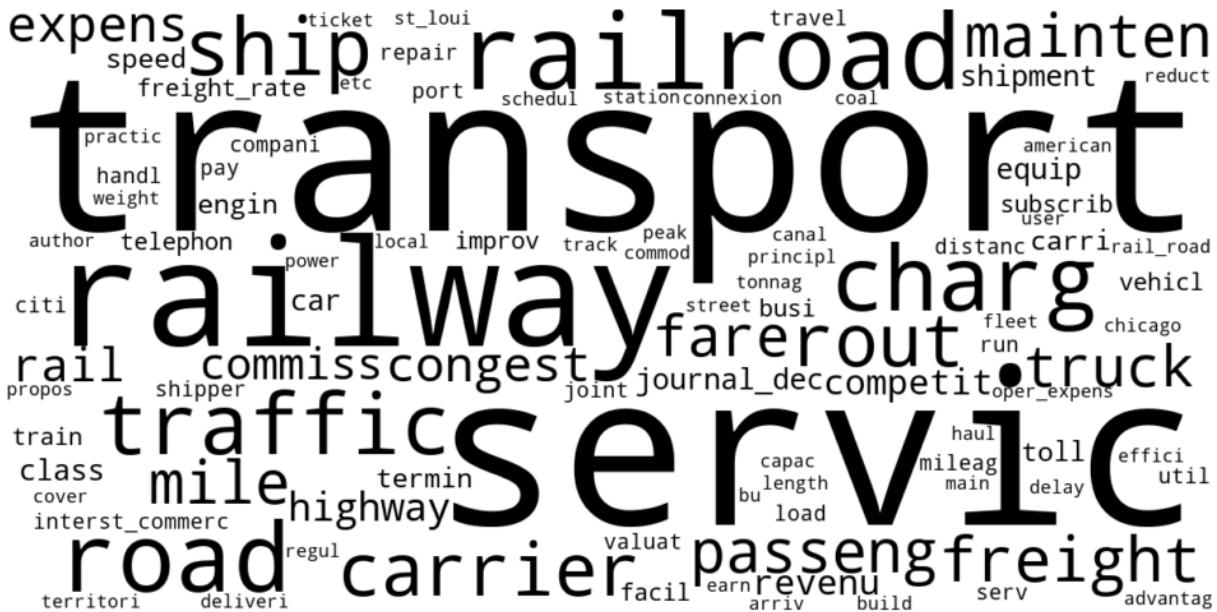
71:Utility functions; theory



74: Labor supply



75:Transportation



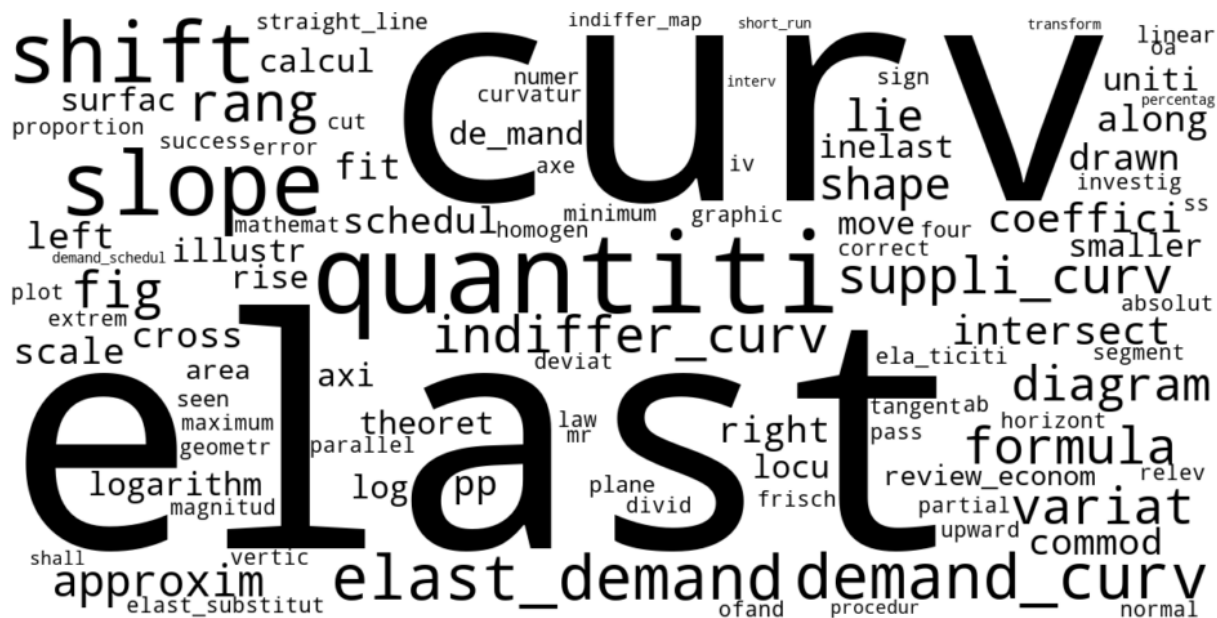
76: The planned economy, including the firm



77: Business entrepreneurship and organization



80:Elasticity of demand and supply



81:Healthcare

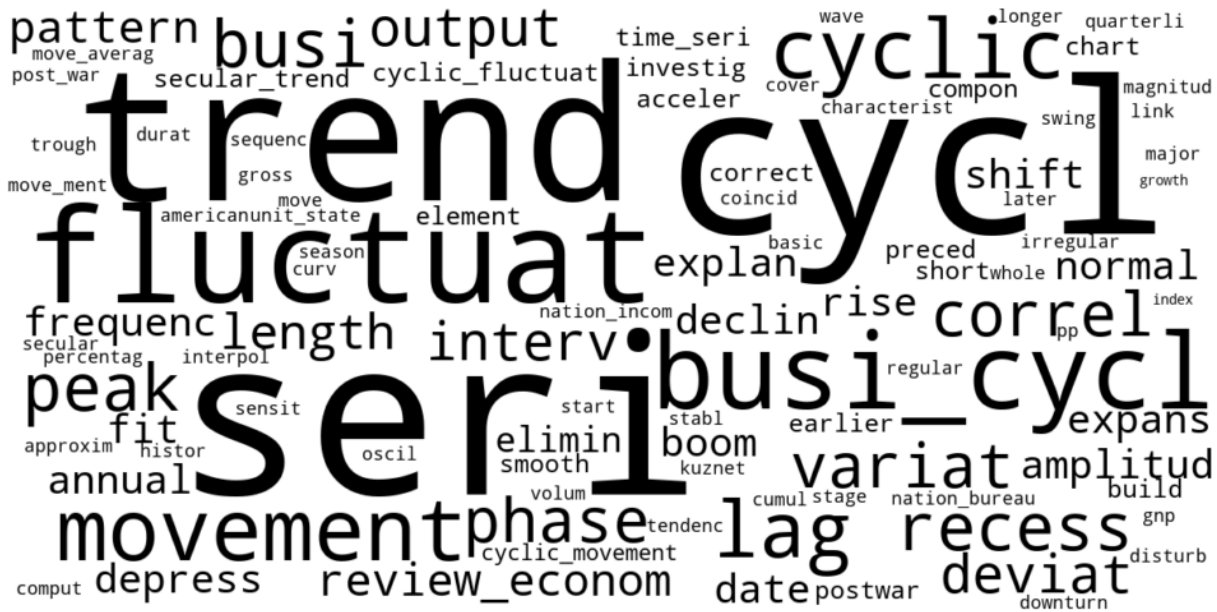


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84:Spatial economics



85:Business cycles



86:WWI and WWII



87:Crops



88:Determinants of earnings; empirical



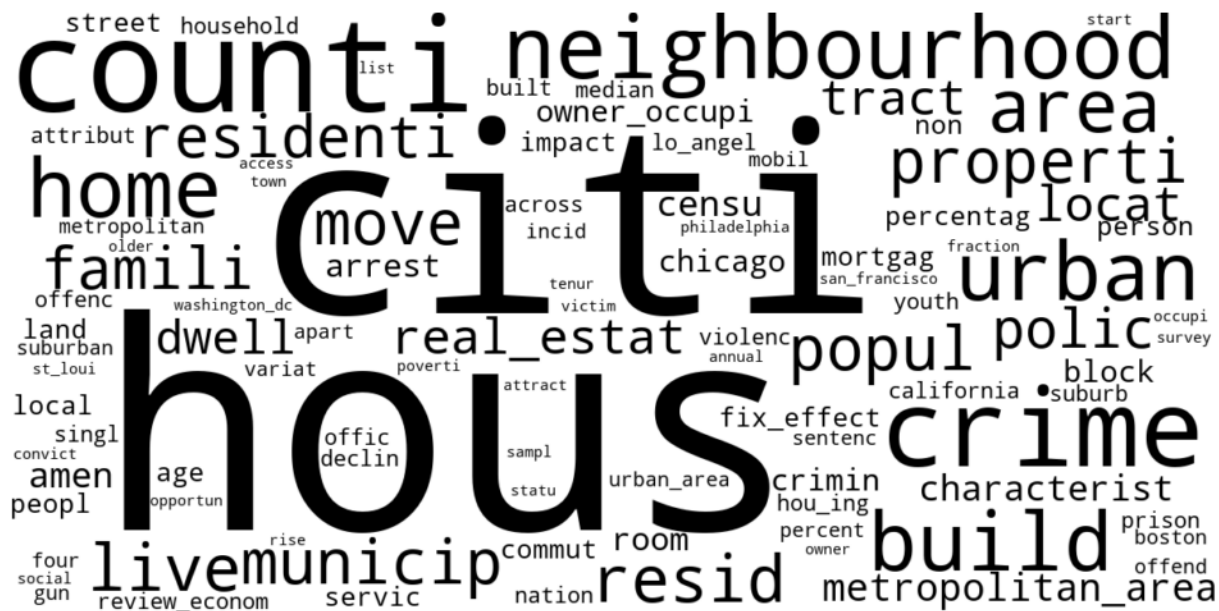
89:Fluctuations in aggregate demand



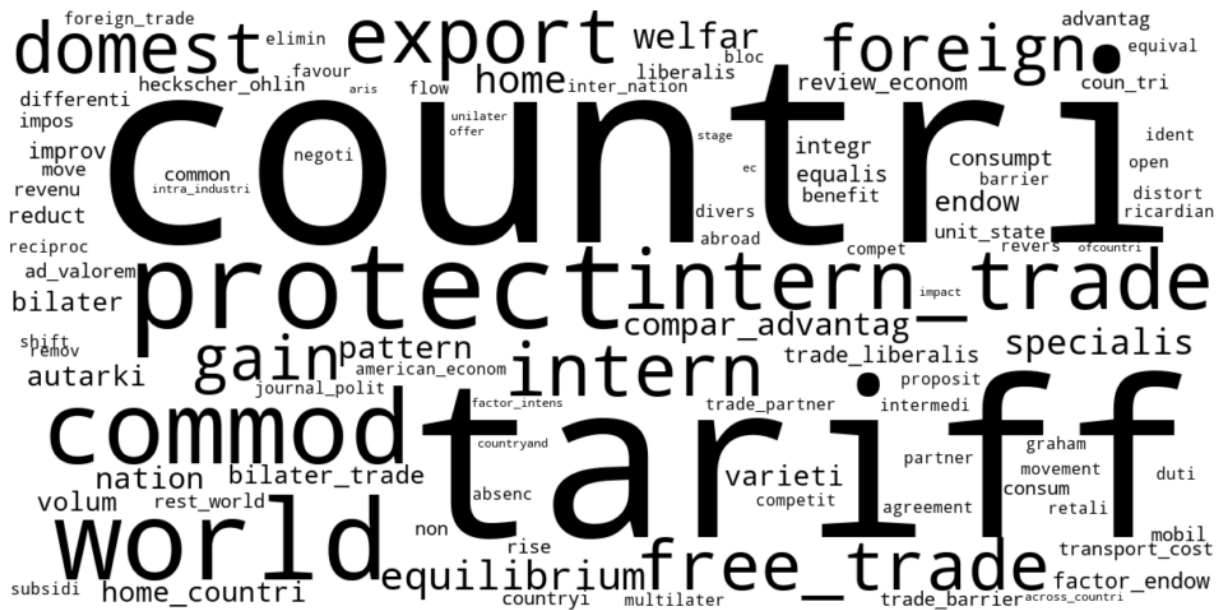
90:Optimal taxes and subsidies



91: Cities



92:International trade and tariffs



93: Intertemporal optimization



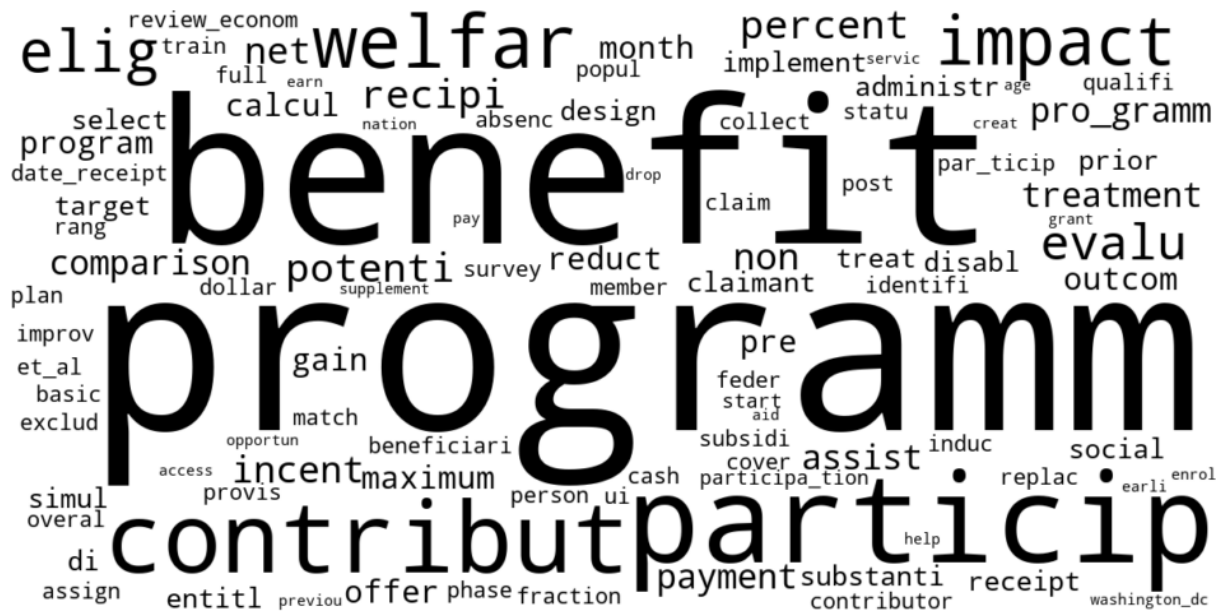
94: Strategic interactions, asymmetric information; theory



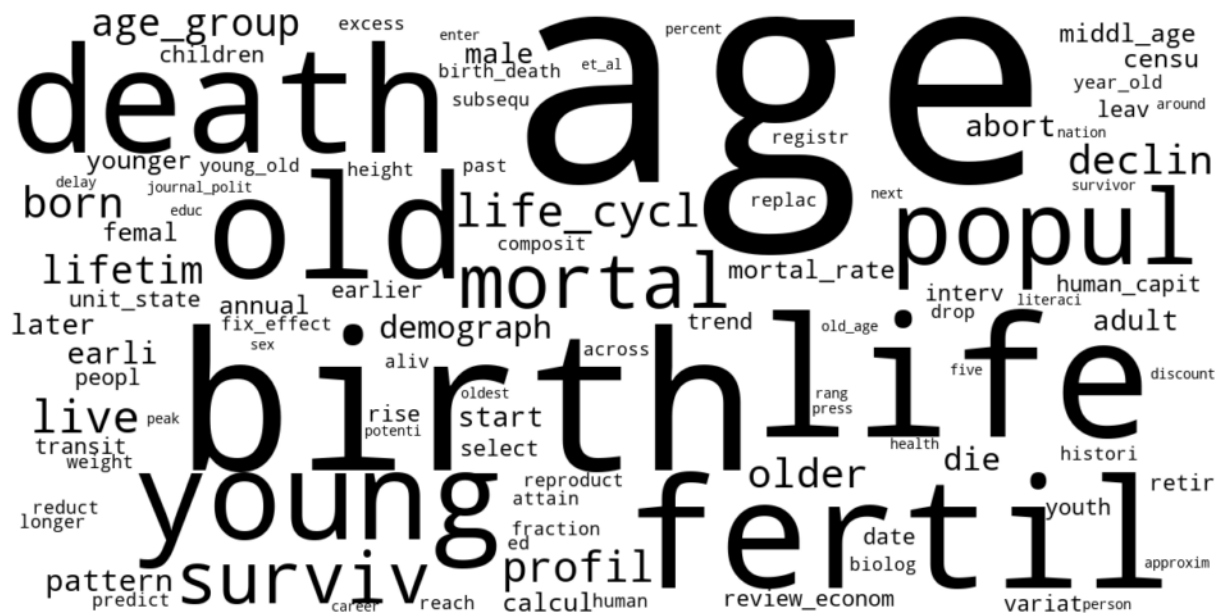
95:Regional economics



96:Welfare and social insurance programs



97:Mortality and demography



98:Equilibrium signalling and beliefs, learning



99:Social security

