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CLASSIFYING TOP ECONOMISTS USING ARCHETYPIC ANALYSIS

April 2020

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Editors: Faculty of Business and Economics, Technische Universität Dresden.

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Classifying top economists using archetypoid analysis

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April 2020

Abstract

Updating the study by Seiler and Wohlrabe (2013) we use archetypoid analysis to classify top economists. The approach allows us to identify typical characteristics of extreme (archetypal) values in a multivariate data set. In contrast to its predecessor, the archetypal analysis, archetypoids always represent actual observed units in the data. Using bibliometric data from 776 top economists we identify four archetypoids. These types represent solid, low, top and diligent performer. Each economist is assigned to one or more of these archetypoids.

Article Highlights

- Archetypoid analysis to categorize top economists
- Based on seven bibliometric indicators for 776 units obtained from the RePEc (Research Papers in Economics) database
- Identification of four archetypoids, which are characterized as the low, solid, top and diligent performer

JEL classification: C38, I21, I23

Keywords: Archetypoid analysis, Classification, RePEc, economists

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1. Introduction

Within this paper archetypoid analysis is used to classify top economists. The classification provides a straightforward overview of the various top researchers working in the area of economics. In times of an increasing number of scholars across all research fields (Bloom et al. 2020) such an easy tool for classification is valuable. The present paper builds upon the studies by Seiler and Wohlrabe (2013), evaluating economists and Wohlrabe and Gralka (2020), categorizing economics faculties and authors. With a similar goal, the former study used archetypal analysis to categorize scientists. A drawback of this approach is that identified archetypes might be artificial, i.e., no entity from the employed dataset can fully be assigned. In line with the latter study we therefore employ the archetypoid analysis. In contrast to its predecessor, the archetypal analysis, archetypoids always represent actual observed units in the data. Hence, we are able to identify those top economists which represent identified archetypoids perfectly. Parallel to both studies we employ RePEc (Research Papers in Economics) data for our investigation, focusing on the top economists worldwide. While the data used by Seiler and Wohlrabe (2013) refers to 2011, our dataset includes all years up to 2019. The RePEc database has evolved tremendously both with respect to quantity and quality over time. We therefore think that the update is necessary and useful.

Archetypal analysis has aroused the interest of researchers working in various fields, such as astrophysics (Chan et al. 2003), climate (Steinschneider and Lall 2015), machine learning (Morup and Hansen 2012, Seth and Eugster 2016), neuroscience (Hinrich et al. 2016), navigation (Feld et al. 2015) and sports (Seth and Eugster 2016). The same applies for the archetypoid analysis, which was used for the evaluation within fields such as astrophysics (Sun et al. 2017), sports (Vinué and Epifanio 2017) and the financial stock market (Moliner and Epifanio 2018).

A short description of the method of analysis is provided in the next section, followed by an examination of the dataset. The results are shown in the third section. A concluding section brings together the main findings and offers suggestions for future research.

2. Methodology and Data

2.1 Methodology

The starting point for identifying archetypoids, is archetypal analysis. Let \mathbf{X} an $N \times m$ a multivariate data set with N observations (economists in our case) and m characteristics (e.g. number of articles, citations, etc.). For a fixed number of archetypes k , the approach finds the matrix \mathbf{Z} by minimizing the residual sum of squares

$$\text{RSS} = \|\mathbf{X} - \alpha\mathbf{Z}'\|_2 \quad (1)$$

where α stands for the coefficients of the archetypes with dimensions $N \times k$ and $\|\cdot\|_2$ the L_2 norm. Equation (1) is minimized subject to the following constraints

$$\alpha_{ij} \geq 0 \text{ and } \sum_{j=1}^k \alpha_{ij} = 1$$

for $i = 1, \dots, N$. The k archetypes are then convex combinations of the data, i.e.

$$Z = X'\beta \quad (2)$$

Where β is an $N \times k$ matrix. The constraints

$$\beta_{ij} \geq 0 \text{ and } \sum_{j=1}^k \beta_{ij} = 1$$

are imposed for estimating equation (2). The constraints imply that the archetypes are convex combinations of the original data set X . Equations (1) and (2) are the inputs for the estimation algorithm: it alternates between finding the best α for given archetypes Z and finding the best archetypes for Z given α . This approach of alternating least squares was popularized by Cutler and Breiman (1994).

Equations (1) and (2) do not guarantee that archetypes are represented by real observed units in the data set. Vinué et al. (2015) suggested a slight modification of the original approach and coined the term archetypoids. They proposed to modify the constraints for β in the following way

$$\sum_{j=1}^k \beta_{ij} = 1 \text{ with } \beta_{ij} \in \{0, 1\}, \text{ i.e. } \beta_{ij} = 1 \text{ for and only one } j \text{ and}$$

$$\beta_{ij} = 0 \text{ otherwise.}$$

This condition ensures that Z must be a point in the dataset.

How to determine the optimal number of archetypoids for a given data set? Archetypoid analysis allows to extract more archetypoids than dimensions of the data set which stands in contrast to principal component analysis. As there is no formal rule, usually the “elbow” criterion for the Residual Sum of Squares (RSS) curve, the so-called scree-plot, is applied. A “flattening” of the curve suggests a potential value of k . As this choice is arbitrary one should look on the concrete interpretation of each archetypoid under consideration. Our experience is the more archetypoids are considered the more similar some archetypoids become.

We refer to Vinué et al. (2015) for a detailed description of archetypoid analysis including computational issues. For our analysis we used the R package *Anthropometry* version 1.13 by Vinué (2017). As our indicators (described in the next section) exhibit different scales we standardize them prior to determining the archetypoids.

2.2 Data

We employ seven bibliometric indicators from the RePEc (Research Papers in Economics) website (<http://www.repec.org>).¹ RePEc offers currently 40 rankings of registered authors based on bibliometric data. However, these rankings are often highly correlated, see Zimmermann (2013) for further details. In line with Seiler and Wohlrabe (2013) and Wohlrabe and Gralka (2020) we use the following seven ones:

- Published work, which includes working papers, books, software codes, and chapters
 - Number of distinct works, unweighted
 - Number of distinct works, weighted by simple impact factor
- Citations, which represent the impact of an author
 - Number of citations, unweighted
 - Number of citations, weighted by the simple impact factor
- Pages, which account for the published articles
 - Number of pages, unweighted
 - Number of pages, weighted by the simple impact factor
- Number of downloads, which shows the access

For each of our $m = 7$ bibliometric indicators we collected the corresponding economists for which the scores were publicly available in January 2020.² The scores refer to the December 2019 ranking. We ended up with $N = 776$ economists. A full list can be found in the appendix. It is important to note that due to the construction of the data set we only consider top economists which are among the top 5% worldwide in each category.

The descriptive statistics for the original indicators can be found in Table 1. We report the mean, median as well as the minimum and maximum score. On average an economist in our sample has published around 152 articles which can either be working papers or journal articles. These publications contain around 1,600 pages in (refereed) journals and were downloaded around 1,000 times. The top economists gather 4,800 citations on average. The most cited economist is Andrei Shleifer from the Harvard University. It is thereby important to bear in mind, that the numbers describe stock levels (up to December 2019), which explains the high values of the indicators. The standard deviations are quite substantial relative to the mean, i.e., that even the class of top economists are quite heterogenous with respect to bibliometric indicators.

¹ RePEc data has often been used in bibliometric studies. See, inter alia, Rath and Wohlrabe (2016), Meyer and Wohlrabe (2018), Sommer and Wohlrabe (2017), Bornmann et al. (2018) or García-Suaza et al. (2020).

² For each ranking only the top 5% of all registered economists are shown on the RePEc website.

Table 1: Descriptive statistics

| <i>776 Observations</i> | Mean | Std. Dev. | Min | Max |
|--------------------------------------|-------------|------------------|------------|------------|
| Number of Distinct Works | 152 | 80 | 75 | 1,102 |
| - , Weighted by Simple Impact Factor | 4,187 | 2,757 | 1,133 | 23,228 |
| Number of Citations | 4,794 | 4,520 | 921 | 46,645 |
| - , Discounted by Citation Age | 55,125 | 57,056 | 8,930 | 568,616 |
| Number of Pages | 1,644 | 832 | 737 | 6,967 |
| - , Weighted by Simple Impact Factor | 36,481 | 26,261 | 10,759 | 253,971 |
| Number of Downloads | 1,063 | 829 | 349 | 8,057 |

3. Results

A priori it is not clear how many archetypoids are reasonable given the seven indicators for each economist. In Figure 1 we show the scree-plot of the RSS, which is used to determine the number of archetypoids to retain using the so-called elbow criterion. Based on the scree-plot we perform an analysis with four potential archetypoids.³

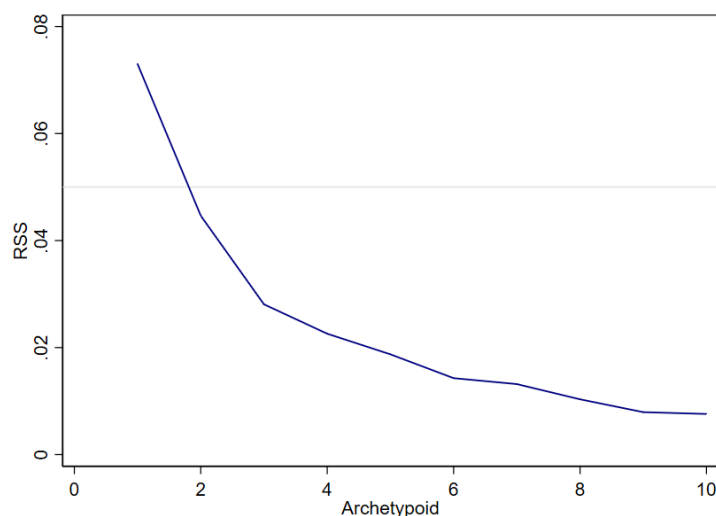
Figure 1: RSS-plot

Figure 2 shows the bar-plots representing percentiles for four archetypoids. Bar-plots thereby serves as a different graphical representation of the convex hull. The height of each bar-plot denotes the share of the convex hull relative to the maximum in the category. Hence, the y-axis denotes the relevance of the indicator for the archetype. Table 2 provides additional context for the percentiles shown in Figure 2. The table reports the archetypoid value for each bibliometric

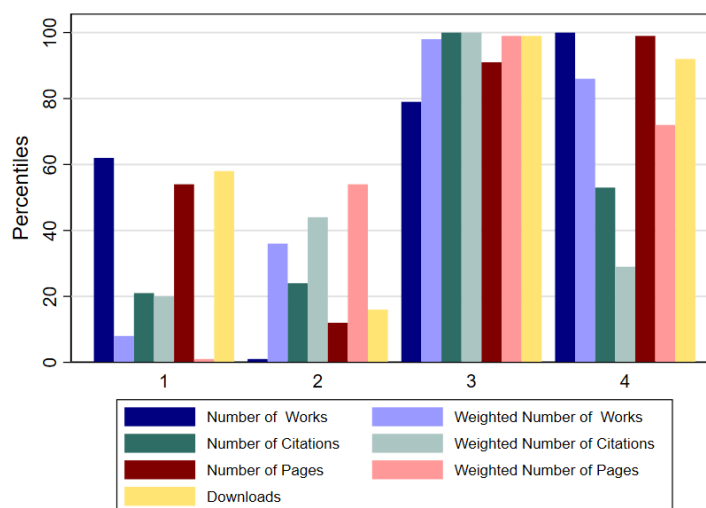
³ Since a potential flattening can also be detected for 3 and 5 archetypoids we tested how the results change, if a different number of archetypoids is considered. The change mainly affects the performers between the top and low class most. Simply put, if 3 archetypoids are considered, the solid and diligent performer are summed up to one group. If 5 archetypoids are considered, the solid performer is further distinguished into a (relatively) top and low class. The detailed results can be provided by the authors upon request.

indicator, when the reported percentiles are applied to the original dataset. To give an example: while archetypoid 1 published 146 works, archetypoid 2 published 75 articles.

The four archetypoids can be interpreted as follows:

- Archetypoid 1 represents the *low performer* with a relatively high number of working papers and articles, but a relatively low number of citations and downloads as can be seen in Table 2. The weighted impact is the smallest of all archetypoids
- Archetypoid 2 denotes the *solid performer* with a relatively low number of works and downloads compared the first archetypoid. However, the quality-weighted impact of this work is higher.
- Archetypoid 3 represents the *top performer* among the top-level authors, given the other archetypoids. The author performs well across all indicators, even if the indicators are quality-weighted. Table 2 shows that the corresponding values for citations are by far larger than those of the other archetypoids.
- Archetypoid 4 denotes the *diligent performer*, one between the previous two extremes, with a relatively high number of published work. However, compared to archetypoid 3, the quality adjusted indicators are lower as well as the citations and downloads. Still, they are larger than the figures of archetypoid 1 and 2.

Figure 2: Identified archetypoids

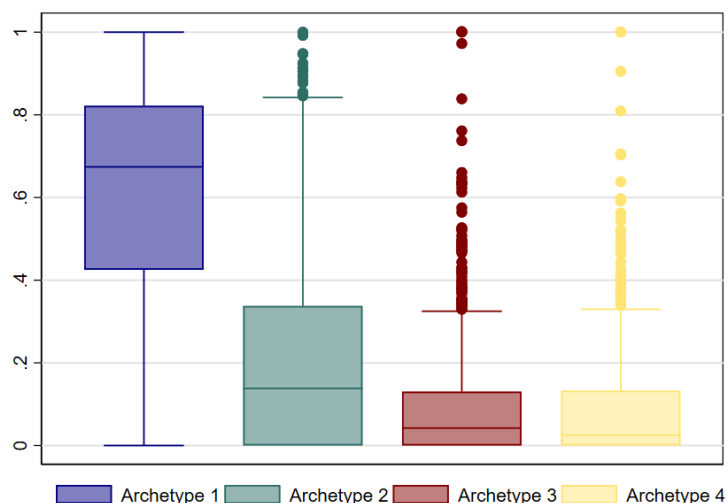


Nevertheless, as we extracted the best economic authors from RePEc, the terminus low performer for the first archetypoid must be interpreted cautiously. Compared to all authors listed in RePEc every author in our sample can be classified as top, nevertheless, compared among each other some perform worse than other ones.

Table 2: Percentile values for each archetypoid

| | Number of Works | Weighted Number of Works | Number of Citations | Weighted Number of Citations | Number of Pages | Weighted Number of Pages | Downloads |
|---|-----------------|--------------------------|---------------------|------------------------------|-----------------|--------------------------|-----------|
| 1 | 146 | 1,622 | 1,957 | 16,972 | 1,493 | 11,116 | 891 |
| 2 | 75 | 2,791 | 2,094 | 30,090 | 936 | 30,810 | 479 |
| 3 | 193 | 12,374 | 46,645 | 568,616 | 2,664 | 121,392 | 4,331 |
| 4 | 1,102 | 6,393 | 3,518 | 21,153 | 4,973 | 43,422 | 2,103 |

Besides the aggregated analysis it is also possible to look at the relative share of each archetypoid for each author. In practice, percentages of all four archetypoids are allocated to the authors. This implies, that each author is assigned four values, which add up to one. In Figure 3 we show the box-plots for all percentage shares of the four identified archetypoids. It displays that most of the authors in our data set are characterized by Archetype 1, the low performer, as it represents the largest relative shares. In comparison, the Archetype 2, the solid performer, is less frequent. Of particular interest is the third archetypoid, the top performer. As one would suspect, the majority of authors in our sample have a low share of this archetypoid and only some – the true top performers – are assigned a large share of this archetypoid. The share of Archetype 4, the diligent performer, is similarly low.

Figure 3: Barplots of archetypoid shares allocated to the economists

In Table 3 we report the top five authors for each archetypoid, i.e. authors with the largest relative share for the respective archetypoid. The values for each author of the sample can be found in the Appendix. A value of 1.000 denotes that the respective author represents the identified archetypoid perfectly. By assumption, this is the case for at least one author for all four archetypoids. Andrei Shleifer, James J. Heckman and Robert J. Barro represent the Archetypoid 3, the top performer. In contrast, Peter Nijkamp and Michael McAleer represent

the forth one, the diligent performer. Five authors represent the low performer, which is plausible since the type is most common among the three archetypoids. Nevertheless, in most cases, authors are a mixture of the four different archetypoids.

Table 3: Economists top five for each archetypoid

| Archetypoid | 1 | 2 | 3 | 4 |
|------------------------|--------------|--------------|--------------|--------------|
| Francis Bloch | 1.000 | 0.000 | 0.000 | 0.000 |
| Eleonora Patacchini | 1.000 | 0.000 | 0.000 | 0.000 |
| William F. Maloney | 1.000 | 0.000 | 0.000 | 0.000 |
| Laurent Gobillon | 1.000 | 0.000 | 0.000 | 0.000 |
| Xin Meng | 1.000 | 0.000 | 0.000 | 0.000 |
| Thomas R. Palfrey | 0.000 | 1.000 | 0.000 | 0.000 |
| Debraj Ray | 0.000 | 0.992 | 0.008 | 0.000 |
| Larry G. Epstein | 0.000 | 0.948 | 0.052 | 0.000 |
| Martin L. Weitzman | 0.000 | 0.947 | 0.053 | 0.000 |
| Bruce D. Smith | 0.000 | 0.925 | 0.000 | 0.075 |
| Andrei Shleifer | 0.000 | 0.000 | 1.000 | 0.000 |
| James J. Heckman | 0.000 | 0.000 | 1.000 | 0.000 |
| Robert J. Barro | 0.000 | 0.000 | 1.000 | 0.000 |
| Daron Acemoglu | 0.000 | 0.000 | 0.973 | 0.028 |
| Jean Tirole | 0.000 | 0.000 | 0.839 | 0.162 |
| Peter Nijkamp | 0.000 | 0.000 | 0.000 | 1.000 |
| Michael McAleer | 0.000 | 0.000 | 0.000 | 1.000 |
| Hans-Werner Sinn | 0.000 | 0.095 | 0.000 | 0.905 |
| Mohsen Bahmani-Oskooee | 0.191 | 0.000 | 0.000 | 0.809 |
| Bruno S. Frey | 0.182 | 0.000 | 0.113 | 0.706 |

4. Conclusions

In this paper we applied archetypoid analysis to the evaluation of top economists. The approach allows to extract typical characteristics (archetypoids) within a multivariate data set. We evaluate 776 scientists obtained from the RePEc database. We obtained seven bibliometric scores for each author, spanning over various measures of (quality-weighted) number of published work, citations and access statistics. We identified four main archetypoids, which are characterized as low, solid, top and diligent performer. Our focus was on research related indicators and we left out aspects as teaching or acquisition of third-party funding. We leave this for future research.

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Appendix

| Archetypoid | 1 | 2 | 3 | 4 |
|--------------------------|----------|----------|----------|----------|
| Abowd, John M | 0.612 | 0.326 | 0.062 | 0.000 |
| Acemoglu, Daron | 0.000 | 0.000 | 0.973 | 0.028 |
| Acharya, Viral V | 0.758 | 0.112 | 0.130 | 0.000 |
| Acs, Zoltan J | 0.758 | 0.000 | 0.064 | 0.179 |
| Adamowicz, Wiktor | 0.790 | 0.000 | 0.000 | 0.210 |
| Addison, John | 0.741 | 0.037 | 0.000 | 0.223 |
| Adrian, Tobias | 0.847 | 0.000 | 0.153 | 0.000 |
| Agarwal, Sumit | 0.833 | 0.167 | 0.000 | 0.000 |
| Agénor, Pierre-Richard | 0.779 | 0.000 | 0.021 | 0.200 |
| Aghion, Philippe | 0.000 | 0.278 | 0.564 | 0.157 |
| Aidt, Toke S | 0.987 | 0.013 | 0.000 | 0.000 |
| Aizenman, Joshua | 0.000 | 0.596 | 0.041 | 0.362 |
| Akerlof, George A | 0.484 | 0.255 | 0.260 | 0.000 |
| Alderman, Harold | 0.832 | 0.119 | 0.000 | 0.049 |
| Alesina, Alberto | 0.512 | 0.014 | 0.474 | 0.000 |
| Alessie, Rob | 0.959 | 0.041 | 0.000 | 0.000 |
| Algan, Yann | 0.886 | 0.097 | 0.016 | 0.000 |
| Allen, Franklin | 0.722 | 0.006 | 0.190 | 0.082 |
| Alm, James | 0.690 | 0.000 | 0.027 | 0.283 |
| Andersen, Torben G | 0.638 | 0.224 | 0.138 | 0.000 |
| Anderson, James E | 0.788 | 0.037 | 0.165 | 0.011 |
| Anderson, Kym | 0.477 | 0.002 | 0.000 | 0.521 |
| Anderson, Simon | 0.667 | 0.303 | 0.010 | 0.020 |
| Andreoni, James | 0.707 | 0.084 | 0.209 | 0.000 |
| Andrews, Donald W K | 0.000 | 0.762 | 0.238 | 0.000 |
| Angrist, Joshua D | 0.065 | 0.581 | 0.354 | 0.000 |
| Apergis, Nicholas | 0.602 | 0.000 | 0.000 | 0.398 |
| Arnott, Richard J | 0.424 | 0.445 | 0.004 | 0.127 |
| Arrow, Kenneth J | 0.792 | 0.000 | 0.174 | 0.034 |
| Ashenfelter, Orley | 0.228 | 0.679 | 0.077 | 0.016 |
| Athey, Susan Carleton | 0.825 | 0.000 | 0.175 | 0.000 |
| Atkinson, Anthony Barnes | 0.464 | 0.226 | 0.136 | 0.174 |
| Attanasio, Orazio | 0.115 | 0.724 | 0.099 | 0.063 |

| | | | | |
|-------------------------------------|-------|-------|-------|-------|
| Audretsch, David B | 0.590 | 0.000 | 0.154 | 0.256 |
| Auerbach, Alan | 0.000 | 0.680 | 0.119 | 0.202 |
| Aumann, Robert J | 0.815 | 0.175 | 0.010 | 0.000 |
| Autor, David | 0.470 | 0.255 | 0.275 | 0.000 |
| Backus, David | 0.808 | 0.121 | 0.071 | 0.000 |
| Bagwell, Kyle | 0.217 | 0.777 | 0.006 | 0.000 |
| Bahmani-Oskooee, Mohsen | 0.191 | 0.000 | 0.000 | 0.809 |
| Bai, Jushan | 0.600 | 0.218 | 0.183 | 0.000 |
| Baldwin, Richard | 0.728 | 0.000 | 0.186 | 0.086 |
| Ball, Laurence | 0.674 | 0.235 | 0.092 | 0.000 |
| Ball, Ray | 0.890 | 0.083 | 0.027 | 0.000 |
| Baltagi, Badi H | 0.490 | 0.125 | 0.085 | 0.301 |
| Banerjee, Abhijit Vinayak | 0.217 | 0.394 | 0.344 | 0.045 |
| Barbier, Edward B | 0.797 | 0.000 | 0.000 | 0.203 |
| Bardhan, Pranab K | 0.474 | 0.482 | 0.023 | 0.021 |
| Barnett, William Arnold | 0.448 | 0.379 | 0.000 | 0.173 |
| Barrett, Christopher B | 0.604 | 0.000 | 0.016 | 0.380 |
| Barro, Robert J | 0.000 | 0.000 | 1.000 | 0.000 |
| Basu, Kaushik | 0.666 | 0.161 | 0.019 | 0.155 |
| Baumol, William J | 0.206 | 0.508 | 0.090 | 0.196 |
| Bauwens, Luc | 0.872 | 0.128 | 0.000 | 0.000 |
| Bayoumi, Tamim A | 0.803 | 0.144 | 0.033 | 0.021 |
| Beaudry, Paul | 0.339 | 0.657 | 0.004 | 0.000 |
| Beck, Thorsten | 0.602 | 0.000 | 0.287 | 0.111 |
| Becker, Gary S | 0.366 | 0.000 | 0.634 | 0.000 |
| Becker, Sascha O | 0.907 | 0.000 | 0.093 | 0.000 |
| Beetsma, Roel Maria Wilhelmus Jozef | 0.602 | 0.342 | 0.000 | 0.056 |
| Behrens, Kristian | 0.926 | 0.074 | 0.000 | 0.000 |
| Behrman, Jere Richard | 0.000 | 0.543 | 0.043 | 0.414 |
| Beine, Michel | 0.964 | 0.000 | 0.013 | 0.023 |
| Bekaert, Geert | 0.106 | 0.715 | 0.178 | 0.000 |
| Benhabib, Jess | 0.333 | 0.505 | 0.144 | 0.018 |
| Berg, Gerard J van den | 0.506 | 0.438 | 0.012 | 0.044 |
| Bergemann, Dirk | 0.413 | 0.587 | 0.000 | 0.000 |
| Berger, Allen N | 0.666 | 0.000 | 0.324 | 0.011 |

| | | | | |
|-----------------------------|-------|-------|-------|-------|
| Bergh, Jeroen C J M van den | 0.766 | 0.000 | 0.000 | 0.234 |
| Bernanke, Ben S | 0.361 | 0.000 | 0.494 | 0.144 |
| Bernard, Andrew B | 0.782 | 0.000 | 0.218 | 0.000 |
| Bernheim, B Douglas | 0.129 | 0.731 | 0.140 | 0.000 |
| Bertola, Giuseppe | 0.498 | 0.372 | 0.003 | 0.126 |
| Besley, Timothy J | 0.000 | 0.552 | 0.325 | 0.123 |
| Biais, Bruno R | 0.528 | 0.472 | 0.000 | 0.000 |
| Bisin, Alberto | 0.677 | 0.321 | 0.002 | 0.000 |
| Black, Dan A | 0.840 | 0.156 | 0.004 | 0.000 |
| Blanchard, Olivier J | 0.037 | 0.204 | 0.623 | 0.136 |
| Blanchflower, David G | 0.818 | 0.075 | 0.101 | 0.006 |
| Blank, Rebecca M | 0.741 | 0.253 | 0.006 | 0.000 |
| Blinder, Alan S | 0.271 | 0.534 | 0.137 | 0.058 |
| Bloch, Francis | 1.000 | 0.000 | 0.000 | 0.000 |
| Blonigen, Bruce A | 0.877 | 0.103 | 0.020 | 0.000 |
| Bloom, David | 0.752 | 0.000 | 0.121 | 0.127 |
| Bloom, Nicholas | 0.664 | 0.011 | 0.313 | 0.011 |
| Blundell, Richard | 0.000 | 0.299 | 0.527 | 0.174 |
| Boadway, Robin W | 0.423 | 0.328 | 0.000 | 0.249 |
| Boeri, Tito | 0.809 | 0.155 | 0.014 | 0.021 |
| Boldrin, Michele | 0.803 | 0.176 | 0.021 | 0.000 |
| Bollerslev, Tim | 0.534 | 0.000 | 0.466 | 0.000 |
| Bolton, Patrick | 0.467 | 0.479 | 0.054 | 0.000 |
| Booth, Alison Lee | 0.834 | 0.057 | 0.058 | 0.050 |
| Bordo, Michael David | 0.250 | 0.316 | 0.083 | 0.351 |
| Borjas, George | 0.478 | 0.334 | 0.188 | 0.000 |
| Boucekkine, Raouf | 0.846 | 0.033 | 0.000 | 0.121 |
| Bound, John | 0.736 | 0.166 | 0.098 | 0.000 |
| Bourguignon, François J | 0.680 | 0.092 | 0.045 | 0.184 |
| Brock, William A | 0.232 | 0.608 | 0.089 | 0.071 |
| Browning, Martin James | 0.255 | 0.692 | 0.053 | 0.000 |
| Brueckner, Jan K | 0.609 | 0.163 | 0.050 | 0.178 |
| Brunello, Giorgio | 0.785 | 0.108 | 0.000 | 0.107 |
| Brunnermeier, Markus K | 0.836 | 0.000 | 0.164 | 0.000 |
| Buch, Claudia M | 0.824 | 0.000 | 0.000 | 0.176 |

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|----------------------------|-------|-------|-------|-------|
| Buchanan, James M | 0.785 | 0.051 | 0.000 | 0.164 |
| Buiter, Willem Hendrik | 0.240 | 0.554 | 0.000 | 0.205 |
| Bullard, James | 0.690 | 0.000 | 0.000 | 0.310 |
| Bulte, Erwin | 0.789 | 0.060 | 0.000 | 0.151 |
| Burda, Michael Christopher | 0.941 | 0.059 | 0.000 | 0.000 |
| Burgess, Simon | 0.803 | 0.164 | 0.000 | 0.033 |
| Caballero, Ricardo J | 0.000 | 0.832 | 0.168 | 0.000 |
| Cabral, Luis M B | 0.965 | 0.035 | 0.000 | 0.000 |
| Cahuc, Pierre | 0.655 | 0.225 | 0.026 | 0.094 |
| Calomiris, Charles W | 0.571 | 0.352 | 0.023 | 0.054 |
| Calvo, Guillermo A | 0.590 | 0.000 | 0.356 | 0.055 |
| Campbell, John Y | 0.000 | 0.367 | 0.633 | 0.000 |
| Canning, David | 0.944 | 0.000 | 0.035 | 0.021 |
| Canova, Fabio | 0.544 | 0.376 | 0.072 | 0.009 |
| Card, David E | 0.000 | 0.392 | 0.520 | 0.088 |
| Carlsson, Fredrik | 0.952 | 0.000 | 0.010 | 0.038 |
| Carlstrom, Charles T | 0.896 | 0.104 | 0.000 | 0.000 |
| Carter, Michael R | 0.951 | 0.000 | 0.000 | 0.049 |
| Case, Anne | 0.618 | 0.300 | 0.082 | 0.000 |
| Cason, Timothy | 0.621 | 0.367 | 0.000 | 0.012 |
| Cecchetti, Stephen | 0.649 | 0.294 | 0.057 | 0.000 |
| Chari, Varadarajan | 0.425 | 0.477 | 0.098 | 0.000 |
| Charness, Gary | 0.504 | 0.304 | 0.133 | 0.059 |
| Chatterjee, Satyajit | 0.862 | 0.138 | 0.000 | 0.000 |
| Chavas, Jean-Paul | 0.644 | 0.044 | 0.000 | 0.312 |
| Checchi, Daniele | 0.907 | 0.048 | 0.000 | 0.045 |
| Chernozhukov, Victor | 0.386 | 0.522 | 0.069 | 0.023 |
| Cheung, Yin-Wong | 0.677 | 0.161 | 0.037 | 0.124 |
| Chiappori, Pierre | 0.096 | 0.846 | 0.058 | 0.000 |
| Chiarella, Carl | 0.689 | 0.000 | 0.000 | 0.311 |
| Chinn, Menzie | 0.658 | 0.184 | 0.088 | 0.070 |
| Chiswick, Barry R | 0.750 | 0.104 | 0.046 | 0.100 |
| Chong, Alberto | 0.861 | 0.013 | 0.000 | 0.125 |
| Christiano, Lawrence J | 0.470 | 0.155 | 0.375 | 0.000 |
| Claessens, Stijn | 0.591 | 0.000 | 0.190 | 0.219 |

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|-------------------------|-------|-------|-------|-------|
| Clark, Andrew | 0.826 | 0.000 | 0.128 | 0.045 |
| Clark, Todd | 0.889 | 0.065 | 0.046 | 0.000 |
| Clemens, Michael A | 0.999 | 0.000 | 0.001 | 0.000 |
| Cobb-Clark, Deborah A | 0.930 | 0.001 | 0.000 | 0.069 |
| Cochrane, John H | 0.262 | 0.619 | 0.120 | 0.000 |
| Collard, Fabrice | 0.813 | 0.187 | 0.000 | 0.000 |
| Combes, Pierre-Philippe | 0.958 | 0.000 | 0.042 | 0.000 |
| Cooper, Russell | 0.407 | 0.563 | 0.030 | 0.000 |
| Corneo, Giacomo | 0.990 | 0.010 | 0.000 | 0.000 |
| Corsetti, Giancarlo | 0.261 | 0.280 | 0.062 | 0.396 |
| Cowell, Frank Alan | 0.867 | 0.097 | 0.000 | 0.037 |
| Crafts, Nicholas | 0.768 | 0.000 | 0.012 | 0.220 |
| Cramton, Peter | 0.672 | 0.280 | 0.000 | 0.048 |
| Cremer, Helmuth | 0.382 | 0.356 | 0.000 | 0.262 |
| Croix, David de la | 0.487 | 0.453 | 0.000 | 0.060 |
| Cropper, Maureen L | 0.736 | 0.263 | 0.001 | 0.000 |
| Crossley, Thomas F | 0.909 | 0.091 | 0.000 | 0.000 |
| Cukierman, Alex | 0.401 | 0.565 | 0.026 | 0.008 |
| Cull, Robert | 0.887 | 0.113 | 0.000 | 0.000 |
| Cumming, Douglas J | 0.759 | 0.102 | 0.000 | 0.139 |
| Cummins, John David | 0.797 | 0.194 | 0.000 | 0.010 |
| Currie, Janet | 0.000 | 0.781 | 0.150 | 0.069 |
| Cutler, David M | 0.452 | 0.473 | 0.076 | 0.000 |
| Danthine, Jean-Pierre | 0.915 | 0.085 | 0.000 | 0.000 |
| David, Paul A | 0.845 | 0.048 | 0.038 | 0.069 |
| Davies, Ronald | 0.998 | 0.001 | 0.001 | 0.000 |
| Davis, Steven J | 0.613 | 0.270 | 0.117 | 0.000 |
| Deardorff, Alan V | 0.767 | 0.100 | 0.014 | 0.119 |
| Deaton, Angus S | 0.000 | 0.654 | 0.322 | 0.024 |
| Degryse, Hans | 0.880 | 0.120 | 0.000 | 0.000 |
| Deininger, Klaus W | 0.776 | 0.000 | 0.048 | 0.176 |
| Dellas, Harris | 0.779 | 0.221 | 0.000 | 0.000 |
| Demirguc-Kunt, Asli | 0.409 | 0.000 | 0.382 | 0.208 |
| Dercon, Stefan | 0.853 | 0.004 | 0.047 | 0.097 |
| Devereux, Michael B | 0.294 | 0.485 | 0.074 | 0.148 |

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|---------------------------|-------|-------|-------|-------|
| Devereux, Michael P | 0.631 | 0.124 | 0.021 | 0.224 |
| Dewatripont, Mathias | 0.433 | 0.526 | 0.037 | 0.004 |
| Diamond, Peter A | 0.000 | 0.794 | 0.185 | 0.021 |
| Diebold, Francis X | 0.497 | 0.113 | 0.390 | 0.000 |
| Diewert, Walter Erwin | 0.501 | 0.184 | 0.080 | 0.235 |
| Dijk, Dick van | 0.842 | 0.078 | 0.006 | 0.073 |
| Dionne, Georges | 0.612 | 0.089 | 0.000 | 0.299 |
| Dixit, Avinash Kamalakar | 0.293 | 0.471 | 0.236 | 0.000 |
| Djankov, Simeon | 0.633 | 0.200 | 0.166 | 0.000 |
| Docquier, Frédéric | 0.813 | 0.000 | 0.051 | 0.136 |
| Dolado, Juan J | 0.815 | 0.096 | 0.022 | 0.067 |
| Dolton, Peter John | 0.928 | 0.072 | 0.000 | 0.000 |
| Doorslaer, Eddy K A Van | 0.930 | 0.026 | 0.019 | 0.026 |
| Dornbusch, Rüdiger | 0.206 | 0.550 | 0.103 | 0.140 |
| Dosi, Giovanni | 0.588 | 0.000 | 0.126 | 0.286 |
| Dreher, Axel | 0.746 | 0.000 | 0.067 | 0.188 |
| Duclos, Jean-Yves | 0.871 | 0.093 | 0.000 | 0.037 |
| Duffie, Darrell | 0.000 | 0.893 | 0.107 | 0.000 |
| Duffy, John | 0.690 | 0.310 | 0.000 | 0.000 |
| Duflo, Esther | 0.698 | 0.000 | 0.302 | 0.000 |
| Duranton, Gilles | 0.802 | 0.067 | 0.100 | 0.031 |
| Durlauf, Steven N | 0.440 | 0.444 | 0.116 | 0.000 |
| Dustmann, Christian | 0.370 | 0.350 | 0.171 | 0.109 |
| Easterly, William | 0.407 | 0.378 | 0.215 | 0.000 |
| Eaton, Jonathan | 0.532 | 0.303 | 0.165 | 0.000 |
| Eckel, Catherine C | 0.891 | 0.074 | 0.035 | 0.000 |
| Edwards, Sebastian | 0.344 | 0.330 | 0.097 | 0.230 |
| Egger, Peter H | 0.327 | 0.085 | 0.067 | 0.521 |
| Ehrmann, Michael | 0.812 | 0.143 | 0.045 | 0.000 |
| Eichenbaum, Martin | 0.185 | 0.448 | 0.367 | 0.000 |
| Eichengreen, Barry Julian | 0.000 | 0.000 | 0.297 | 0.703 |
| Enders, Walter | 0.927 | 0.065 | 0.000 | 0.008 |
| Engel, Charles | 0.555 | 0.307 | 0.138 | 0.000 |
| Epstein, Larry G | 0.000 | 0.948 | 0.052 | 0.000 |
| Ermisch, John | 0.943 | 0.057 | 0.000 | 0.000 |

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|-----------------------------|-------|-------|-------|-------|
| Estache, Antonio | 0.823 | 0.000 | 0.000 | 0.177 |
| Evans, George William | 0.466 | 0.509 | 0.000 | 0.025 |
| Evans, Martin | 0.761 | 0.239 | 0.000 | 0.000 |
| Fafchamps, Marcel | 0.124 | 0.579 | 0.018 | 0.279 |
| Faff, Robert William | 0.513 | 0.000 | 0.000 | 0.487 |
| Fairlie, Robert W | 0.825 | 0.175 | 0.000 | 0.000 |
| Falk, Armin | 0.769 | 0.000 | 0.227 | 0.004 |
| Farhi, Emmanuel | 0.190 | 0.753 | 0.057 | 0.000 |
| Farmer, Roger E A | 0.746 | 0.218 | 0.036 | 0.000 |
| Farrell, Joseph | 0.725 | 0.212 | 0.063 | 0.000 |
| Favero, Carlo | 0.790 | 0.168 | 0.032 | 0.011 |
| Feenstra, Robert C | 0.352 | 0.343 | 0.241 | 0.063 |
| Fehr, Ernst | 0.421 | 0.150 | 0.381 | 0.048 |
| Felbermayr, Gabriel J | 0.805 | 0.000 | 0.028 | 0.167 |
| Feld, Lars P | 0.761 | 0.000 | 0.000 | 0.239 |
| Feldstein, Martin S | 0.000 | 0.281 | 0.346 | 0.374 |
| Fernandez-Villaverde, Jesus | 0.918 | 0.000 | 0.082 | 0.000 |
| Figlio, David | 0.908 | 0.092 | 0.000 | 0.000 |
| Fischer, Carolyn | 0.978 | 0.022 | 0.000 | 0.000 |
| Fisman, Raymond | 0.744 | 0.201 | 0.055 | 0.000 |
| Fitzenberger, Bernd | 0.914 | 0.034 | 0.000 | 0.052 |
| Fletcher, Jason | 0.936 | 0.012 | 0.000 | 0.053 |
| Fontagné, Lionel | 0.799 | 0.000 | 0.000 | 0.201 |
| Fortin, Bernard | 0.934 | 0.066 | 0.000 | 0.000 |
| Francesconi, Marco | 0.839 | 0.161 | 0.000 | 0.000 |
| Francois, Joseph Francis | 0.834 | 0.000 | 0.040 | 0.126 |
| Frankel, Jeffrey Alexander | 0.205 | 0.158 | 0.345 | 0.292 |
| Franses, Philip Hans | 0.403 | 0.000 | 0.000 | 0.597 |
| Fratzscher, Marcel | 0.539 | 0.203 | 0.067 | 0.191 |
| Freeman, Richard B | 0.000 | 0.495 | 0.159 | 0.346 |
| Frey, Bruno S | 0.182 | 0.000 | 0.113 | 0.706 |
| Friedman, Milton | 0.739 | 0.000 | 0.176 | 0.086 |
| Frijters, Paul | 0.917 | 0.019 | 0.036 | 0.029 |
| Fudenberg, Drew | 0.000 | 0.675 | 0.272 | 0.053 |
| Fuest, Clemens | 0.609 | 0.000 | 0.000 | 0.391 |

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|------------------------|-------|-------|-------|-------|
| Fuhrer, Jeffrey C | 0.974 | 0.008 | 0.018 | 0.000 |
| Fujita, Masahisa | 0.884 | 0.098 | 0.008 | 0.011 |
| Fullerton, Don | 0.563 | 0.386 | 0.014 | 0.037 |
| Furceri, Davide | 0.920 | 0.000 | 0.029 | 0.051 |
| Gabaix, Xavier | 0.272 | 0.654 | 0.075 | 0.000 |
| Gabszewicz, Jean | 0.897 | 0.036 | 0.000 | 0.067 |
| Gächter, Simon | 0.911 | 0.000 | 0.089 | 0.000 |
| Gale, Douglas | 0.326 | 0.588 | 0.086 | 0.000 |
| Galiani, Sebastian | 0.817 | 0.045 | 0.042 | 0.095 |
| Gallegati, Mauro | 0.751 | 0.000 | 0.000 | 0.249 |
| Galor, Oded | 0.571 | 0.000 | 0.429 | 0.000 |
| Gambacorta, Leonardo | 0.938 | 0.000 | 0.062 | 0.000 |
| Gans, Joshua | 0.830 | 0.000 | 0.036 | 0.134 |
| Gerlach, Stefan | 0.937 | 0.057 | 0.006 | 0.000 |
| Geroski, Paul A | 0.987 | 0.000 | 0.013 | 0.000 |
| Gersbach, Hans | 0.499 | 0.188 | 0.000 | 0.313 |
| Gertler, Mark L | 0.366 | 0.000 | 0.634 | 0.000 |
| Gertler, Paul | 0.791 | 0.195 | 0.014 | 0.000 |
| Geweke, John | 0.638 | 0.327 | 0.035 | 0.000 |
| Ghosh, Atish | 0.904 | 0.068 | 0.028 | 0.000 |
| Gibson, John | 0.723 | 0.000 | 0.004 | 0.273 |
| Gilboa, Itzhak | 0.547 | 0.430 | 0.015 | 0.009 |
| Ginsburgh, Victor A | 0.724 | 0.000 | 0.000 | 0.276 |
| Girma, Sourafel | 0.955 | 0.033 | 0.000 | 0.012 |
| Glaeser, Edward Ludwig | 0.521 | 0.062 | 0.417 | 0.000 |
| Glewwe, Paul William | 0.834 | 0.068 | 0.037 | 0.061 |
| Glick, Reuven | 0.809 | 0.147 | 0.007 | 0.037 |
| Gneezy, Uri | 0.759 | 0.082 | 0.159 | 0.000 |
| Gobillon, Laurent | 1.000 | 0.000 | 0.000 | 0.000 |
| Goeree, Jacob K | 0.690 | 0.310 | 0.000 | 0.000 |
| Goetzmann, William N | 0.619 | 0.293 | 0.058 | 0.030 |
| Goldberg, Linda S | 0.855 | 0.074 | 0.071 | 0.000 |
| Goldin, Claudia | 0.169 | 0.766 | 0.066 | 0.000 |
| Gollier, Christian | 0.540 | 0.302 | 0.000 | 0.159 |
| Gordon, Robert J | 0.000 | 0.914 | 0.022 | 0.064 |

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|-------------------------|-------|-------|-------|-------|
| Gordon, Roger H | 0.616 | 0.356 | 0.028 | 0.000 |
| Görg, Holger | 0.907 | 0.019 | 0.018 | 0.056 |
| Gorodnichenko, Yuriy | 0.673 | 0.189 | 0.139 | 0.000 |
| Gorton, Gary | 0.629 | 0.264 | 0.107 | 0.000 |
| Gourieroux, Christian S | 0.000 | 0.670 | 0.000 | 0.330 |
| Granger, Clive W J | 0.529 | 0.000 | 0.444 | 0.027 |
| Grauwe, Paul De | 0.811 | 0.000 | 0.016 | 0.173 |
| Greenaway, Sir David | 0.727 | 0.164 | 0.006 | 0.103 |
| Greene, William H | 0.799 | 0.000 | 0.055 | 0.146 |
| Greenwood, Jeremy | 0.370 | 0.447 | 0.184 | 0.000 |
| Gregg, Paul | 0.925 | 0.065 | 0.000 | 0.010 |
| Gregorio, Jose De | 0.925 | 0.000 | 0.054 | 0.022 |
| Griffith, Rachel | 0.719 | 0.166 | 0.115 | 0.000 |
| Griliches, Zvi | 0.646 | 0.009 | 0.345 | 0.000 |
| Gropp, Reint Eberhard | 0.913 | 0.063 | 0.000 | 0.024 |
| Grossman, Gene | 0.537 | 0.174 | 0.290 | 0.000 |
| Grossman, Michael | 0.760 | 0.117 | 0.116 | 0.007 |
| Guidolin, Massimo | 0.864 | 0.018 | 0.007 | 0.111 |
| Guiso, Luigi | 0.348 | 0.429 | 0.181 | 0.041 |
| Güth, Werner | 0.587 | 0.000 | 0.000 | 0.413 |
| Gyourko, Joseph | 0.748 | 0.214 | 0.038 | 0.000 |
| Haan, Jakob de | 0.506 | 0.000 | 0.088 | 0.406 |
| Hagen, Juergen von | 0.752 | 0.083 | 0.014 | 0.151 |
| Hall, Bronwyn Hughes | 0.772 | 0.000 | 0.226 | 0.002 |
| Hall, Robert Ernest | 0.043 | 0.699 | 0.259 | 0.000 |
| Hall, Stephen George | 0.795 | 0.000 | 0.000 | 0.205 |
| Hallin, Marc | 0.851 | 0.000 | 0.000 | 0.149 |
| Haltiwanger, John | 0.078 | 0.527 | 0.310 | 0.084 |
| Hamermesh, Daniel | 0.109 | 0.667 | 0.081 | 0.142 |
| Hamilton, James | 0.678 | 0.036 | 0.286 | 0.000 |
| Hanemann, Michael | 0.969 | 0.000 | 0.031 | 0.000 |
| Hanley, Nick | 0.636 | 0.000 | 0.000 | 0.364 |
| Hansen, Lars Peter | 0.126 | 0.601 | 0.273 | 0.000 |
| Hanson, Gordon | 0.510 | 0.278 | 0.213 | 0.000 |
| Hanushek, Eric A | 0.189 | 0.579 | 0.126 | 0.106 |

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|--------------------------------|-------|-------|-------|-------|
| Härdle, Wolfgang Karl | 0.529 | 0.000 | 0.000 | 0.471 |
| Harhoff, Dietmar | 0.968 | 0.000 | 0.032 | 0.000 |
| Harrison, Glenn W | 0.456 | 0.360 | 0.055 | 0.128 |
| Hart, Oliver D | 0.707 | 0.007 | 0.286 | 0.000 |
| Harvey, Andrew C | 0.908 | 0.000 | 0.075 | 0.017 |
| Harvey, Campbell R | 0.210 | 0.510 | 0.281 | 0.000 |
| Hasan, Iftekhhar | 0.381 | 0.189 | 0.006 | 0.424 |
| Haskel, Jonathan E | 0.961 | 0.000 | 0.026 | 0.014 |
| Hatton, Timothy James | 0.757 | 0.173 | 0.000 | 0.070 |
| Hausman, Jerry A | 0.321 | 0.328 | 0.351 | 0.000 |
| Hausmann, Ricardo | 0.863 | 0.000 | 0.114 | 0.023 |
| Heal, Geoffrey | 0.706 | 0.221 | 0.000 | 0.072 |
| Heckman, James J | 0.000 | 0.000 | 1.000 | 0.000 |
| Helliwell, John F | 0.748 | 0.136 | 0.011 | 0.105 |
| Hellwig, Martin F | 0.622 | 0.281 | 0.020 | 0.078 |
| Helpman, Elhanan | 0.000 | 0.519 | 0.481 | 0.000 |
| Henderson, J Vernon | 0.445 | 0.338 | 0.149 | 0.068 |
| Hendry, David F | 0.073 | 0.640 | 0.058 | 0.229 |
| Hensher, David A | 0.508 | 0.000 | 0.000 | 0.492 |
| Hertel, Thomas Warren | 0.633 | 0.000 | 0.000 | 0.367 |
| Hirshleifer, David | 0.275 | 0.650 | 0.075 | 0.000 |
| Hoddinott, John | 0.875 | 0.000 | 0.020 | 0.105 |
| Hoekman, Bernard | 0.686 | 0.014 | 0.000 | 0.300 |
| Holt, Charles A | 0.716 | 0.201 | 0.062 | 0.021 |
| Hommes, Cars | 0.769 | 0.093 | 0.045 | 0.093 |
| Honkapohja, Seppo Mikko Sakari | 0.493 | 0.269 | 0.000 | 0.239 |
| Honohan, Patrick | 0.965 | 0.000 | 0.000 | 0.035 |
| Houser, Daniel | 0.955 | 0.045 | 0.000 | 0.000 |
| Howitt, Peter | 0.501 | 0.328 | 0.171 | 0.000 |
| Hsiao, Cheng | 0.488 | 0.436 | 0.000 | 0.076 |
| Huang, Jikun | 0.592 | 0.000 | 0.000 | 0.408 |
| Hubbard, Robert Glenn | 0.738 | 0.137 | 0.125 | 0.000 |
| Huck, Steffen | 0.822 | 0.142 | 0.000 | 0.035 |
| Huizinga, Harry P | 0.772 | 0.159 | 0.059 | 0.010 |
| Hutchison, Michael Mercier | 0.792 | 0.145 | 0.000 | 0.063 |

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| II, Robert F Engle | 0.352 | 0.000 | 0.648 | 0.000 |
| Imbens, Guido | 0.250 | 0.452 | 0.298 | 0.000 |
| Irwin, Douglas A | 0.811 | 0.163 | 0.006 | 0.021 |
| Ito, Takatoshi | 0.384 | 0.330 | 0.000 | 0.286 |
| Jackson, Matthew O | 0.000 | 0.853 | 0.067 | 0.080 |
| Jaffe, Adam | 0.796 | 0.000 | 0.204 | 0.000 |
| Janvry, Alain de | 0.688 | 0.100 | 0.000 | 0.212 |
| Jappelli, Tullio | 0.716 | 0.063 | 0.154 | 0.067 |
| Jarrow, Robert A | 0.427 | 0.395 | 0.014 | 0.164 |
| Jeanne, Olivier | 0.829 | 0.129 | 0.042 | 0.000 |
| Jenkins, Stephen P | 0.694 | 0.000 | 0.101 | 0.205 |
| Johannesson, Magnus | 0.717 | 0.186 | 0.026 | 0.071 |
| Johansen, Soren | 0.715 | 0.000 | 0.285 | 0.000 |
| Johnson, Simon | 0.718 | 0.006 | 0.276 | 0.000 |
| Jones, Andrew Michael | 0.856 | 0.000 | 0.001 | 0.143 |
| Jorda, Oscar | 0.934 | 0.000 | 0.066 | 0.000 |
| Joskow, Paul | 0.423 | 0.549 | 0.009 | 0.020 |
| Jovanovic, Boyan | 0.264 | 0.561 | 0.175 | 0.000 |
| Jr, James R Hines | 0.627 | 0.322 | 0.052 | 0.000 |
| Jr, Robert E Lucas | 0.425 | 0.000 | 0.575 | 0.000 |
| Judd, Kenneth L | 0.564 | 0.365 | 0.070 | 0.000 |
| Jullien, Bruno | 0.800 | 0.177 | 0.018 | 0.005 |
| Kaestner, Robert John | 0.704 | 0.238 | 0.000 | 0.058 |
| Kahn, Charles Milton | 0.737 | 0.257 | 0.006 | 0.000 |
| Kahn, Lawrence | 0.515 | 0.456 | 0.024 | 0.004 |
| Kahn, Matthew E | 0.668 | 0.052 | 0.119 | 0.160 |
| Kanbur, Ravi | 0.617 | 0.000 | 0.044 | 0.340 |
| Kapteyn, Arie | 0.634 | 0.304 | 0.000 | 0.062 |
| Karlan, Dean S | 0.554 | 0.386 | 0.059 | 0.000 |
| Kashyap, Anil K | 0.542 | 0.344 | 0.113 | 0.000 |
| Katz, Lawrence F | 0.000 | 0.661 | 0.339 | 0.000 |
| Keane, Michael P | 0.000 | 0.827 | 0.107 | 0.066 |
| Keen, Michael | 0.710 | 0.160 | 0.062 | 0.068 |
| Kehoe, Patrick | 0.046 | 0.719 | 0.235 | 0.000 |
| Kehoe, Timothy J | 0.398 | 0.557 | 0.045 | 0.000 |

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|-------------------------|-------|-------|-------|-------|
| Kerr, William | 0.674 | 0.246 | 0.072 | 0.007 |
| Khan, Mohsin | 0.721 | 0.239 | 0.000 | 0.039 |
| Kilian, Lutz | 0.637 | 0.000 | 0.271 | 0.092 |
| King, Robert G | 0.677 | 0.000 | 0.323 | 0.000 |
| Kirman, Alan | 0.799 | 0.185 | 0.000 | 0.016 |
| Klapper, Leora F | 0.944 | 0.000 | 0.056 | 0.000 |
| Knack, Stephen | 0.940 | 0.000 | 0.060 | 0.000 |
| Knight, John B | 0.789 | 0.094 | 0.000 | 0.117 |
| Knittel, Christopher R | 0.814 | 0.186 | 0.000 | 0.000 |
| Kocher, Martin Georg | 0.959 | 0.027 | 0.014 | 0.000 |
| Kocherlakota, Narayana | 0.646 | 0.253 | 0.027 | 0.073 |
| Konrad, Kai A | 0.560 | 0.224 | 0.000 | 0.216 |
| Koop, Gary | 0.530 | 0.240 | 0.098 | 0.132 |
| Koopman, Siem Jan | 0.617 | 0.257 | 0.000 | 0.126 |
| Kose, Ayhan | 0.844 | 0.000 | 0.144 | 0.013 |
| Kotlikoff, Laurence J | 0.000 | 0.783 | 0.052 | 0.165 |
| Kraay, Aart | 0.875 | 0.000 | 0.125 | 0.000 |
| Kramarz, Francis | 0.612 | 0.331 | 0.057 | 0.000 |
| Krueger, Alan B | 0.030 | 0.386 | 0.498 | 0.087 |
| Krugman, Paul R | 0.476 | 0.000 | 0.508 | 0.017 |
| Krusell, Per | 0.756 | 0.155 | 0.089 | 0.000 |
| Kumbhakar, Subal C | 0.449 | 0.261 | 0.000 | 0.290 |
| Laeven, Luc | 0.658 | 0.000 | 0.273 | 0.070 |
| Laffont, Jean-Jacques | 0.000 | 0.627 | 0.138 | 0.234 |
| Laibson, David Isaac | 0.099 | 0.790 | 0.111 | 0.000 |
| Lane, Philip Richard | 0.729 | 0.000 | 0.185 | 0.087 |
| Lang, Kevin | 0.630 | 0.359 | 0.012 | 0.000 |
| Larch, Mario | 0.933 | 0.000 | 0.026 | 0.041 |
| Lavy, Victor Chaim | 0.515 | 0.470 | 0.015 | 0.000 |
| Laxton, Douglas Michael | 0.953 | 0.022 | 0.019 | 0.005 |
| Lazear, Edward | 0.734 | 0.094 | 0.172 | 0.000 |
| Leamer, Edward E | 0.575 | 0.384 | 0.041 | 0.000 |
| Lechner, Michael | 0.779 | 0.000 | 0.055 | 0.166 |
| Lederman, Daniel | 0.972 | 0.000 | 0.000 | 0.028 |
| Lee, Jong-Wha | 0.815 | 0.000 | 0.128 | 0.057 |

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|-----------------------|-------|-------|-------|-------|
| Lee, Lung-Fei | 0.000 | 0.848 | 0.015 | 0.137 |
| Lee, Ronald Demos | 0.956 | 0.044 | 0.000 | 0.000 |
| Leeper, Eric | 0.835 | 0.047 | 0.118 | 0.000 |
| Lemieux, Thomas | 0.673 | 0.162 | 0.165 | 0.000 |
| Lerner, Josh | 0.404 | 0.432 | 0.127 | 0.037 |
| Levin, Andrew Theo | 0.865 | 0.000 | 0.135 | 0.000 |
| Levine, David Knudsen | 0.000 | 0.774 | 0.110 | 0.116 |
| Levine, Paul Leslie | 0.770 | 0.005 | 0.015 | 0.210 |
| Levine, Ross | 0.312 | 0.000 | 0.661 | 0.028 |
| Levitt, Steven | 0.203 | 0.675 | 0.122 | 0.000 |
| Lewbel, Arthur | 0.316 | 0.670 | 0.014 | 0.000 |
| Licandro, Omar | 0.994 | 0.006 | 0.000 | 0.000 |
| Lichtenberg, Frank | 0.748 | 0.204 | 0.000 | 0.049 |
| Lin, Justin Yifu | 0.961 | 0.000 | 0.000 | 0.039 |
| Link, Albert N | 0.771 | 0.000 | 0.000 | 0.229 |
| Linton, Oliver Bruce | 0.000 | 0.842 | 0.000 | 0.158 |
| List, John | 0.000 | 0.000 | 0.525 | 0.475 |
| Lo, Andrew W | 0.444 | 0.480 | 0.076 | 0.000 |
| Loayza, Norman V | 0.815 | 0.000 | 0.144 | 0.041 |
| Lockwood, Ben | 0.755 | 0.245 | 0.000 | 0.000 |
| Loewenstein, George | 0.533 | 0.380 | 0.087 | 0.000 |
| Long, Ngo Van | 0.419 | 0.215 | 0.000 | 0.366 |
| Lopez, Ramon E | 0.966 | 0.000 | 0.000 | 0.034 |
| Lopez-Salido, David | 0.832 | 0.120 | 0.048 | 0.000 |
| Loungani, Prakash | 0.956 | 0.000 | 0.016 | 0.028 |
| Lovell, C Knox | 0.853 | 0.020 | 0.082 | 0.044 |
| Lucas, Andre | 0.763 | 0.196 | 0.000 | 0.041 |
| Lusardi, Annamaria | 0.869 | 0.000 | 0.131 | 0.000 |
| Lusk, Jayson L | 0.640 | 0.000 | 0.000 | 0.360 |
| Lütkepohl, Helmut | 0.805 | 0.078 | 0.029 | 0.087 |
| MacDonald, Ronald | 0.539 | 0.182 | 0.000 | 0.278 |
| Machin, Stephen | 0.435 | 0.130 | 0.154 | 0.280 |
| MacKinnon, James | 0.777 | 0.000 | 0.190 | 0.033 |
| Mairesse, Jacques | 0.782 | 0.013 | 0.066 | 0.140 |
| Maloney, William F | 1.000 | 0.000 | 0.000 | 0.000 |

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|--------------------------|-------|-------|-------|-------|
| Mankiw, N Gregory | 0.232 | 0.348 | 0.420 | 0.000 |
| Manning, Alan | 0.709 | 0.108 | 0.108 | 0.075 |
| Manski, Charles F | 0.007 | 0.854 | 0.097 | 0.043 |
| Marcellino, Massimiliano | 0.722 | 0.003 | 0.088 | 0.186 |
| Markusen, James R | 0.642 | 0.177 | 0.181 | 0.000 |
| Martimort, David | 0.169 | 0.732 | 0.000 | 0.099 |
| Martin, Philippe | 0.880 | 0.064 | 0.057 | 0.000 |
| Martin, Will J | 0.822 | 0.000 | 0.000 | 0.178 |
| Martinez-Vazquez, Jorge | 0.775 | 0.000 | 0.000 | 0.225 |
| Maskin, Eric S | 0.000 | 0.881 | 0.119 | 0.000 |
| Maskus, Keith E | 0.904 | 0.000 | 0.032 | 0.064 |
| Matsuyama, Kiminori | 0.584 | 0.416 | 0.000 | 0.000 |
| Mattoo, Aaditya | 0.881 | 0.000 | 0.005 | 0.114 |
| Maurin, Eric | 0.901 | 0.099 | 0.000 | 0.000 |
| Mayer, Thierry | 0.860 | 0.000 | 0.140 | 0.000 |
| McAdam, Peter | 0.939 | 0.059 | 0.000 | 0.002 |
| McAfee, Randolph Preston | 0.548 | 0.406 | 0.046 | 0.000 |
| McAleer, Michael | 0.000 | 0.000 | 0.000 | 1.000 |
| McAndrews, James Joseph | 0.994 | 0.006 | 0.000 | 0.000 |
| McCallum, Bennett | 0.153 | 0.699 | 0.063 | 0.086 |
| McFadden, Daniel L | 0.806 | 0.005 | 0.166 | 0.023 |
| McGrattan, Ellen R | 0.684 | 0.214 | 0.102 | 0.000 |
| McKenzie, David | 0.515 | 0.090 | 0.148 | 0.247 |
| McKibbin, Warwick J | 0.845 | 0.000 | 0.000 | 0.155 |
| Meghir, Costas | 0.300 | 0.525 | 0.175 | 0.000 |
| Melo, Jaime A P de | 0.605 | 0.195 | 0.000 | 0.200 |
| Meltzer, Allan H | 0.067 | 0.797 | 0.000 | 0.136 |
| Mendelsohn, Robert Owen | 0.818 | 0.073 | 0.005 | 0.104 |
| Mendoza, Enrique G | 0.576 | 0.238 | 0.153 | 0.032 |
| Meng, Xin | 1.000 | 0.000 | 0.000 | 0.000 |
| Menkhoff, Lukas | 0.778 | 0.050 | 0.000 | 0.172 |
| Mester, Loretta J | 0.874 | 0.019 | 0.018 | 0.088 |
| Metcalf, Gilbert | 0.794 | 0.206 | 0.000 | 0.000 |
| Miguel, Edward Andrew | 0.384 | 0.562 | 0.054 | 0.000 |
| Milanovic, Branko | 0.982 | 0.000 | 0.004 | 0.014 |

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|------------------------|-------|-------|-------|-------|
| Milgrom, Paul | 0.565 | 0.082 | 0.353 | 0.000 |
| Miller, Paul W | 0.841 | 0.000 | 0.000 | 0.159 |
| Miller, Stephen M | 0.744 | 0.000 | 0.000 | 0.256 |
| Milligan, Kevin | 0.938 | 0.062 | 0.000 | 0.000 |
| Mishkin, Frederic | 0.404 | 0.228 | 0.213 | 0.155 |
| Mitchell, Olivia S | 0.518 | 0.151 | 0.077 | 0.254 |
| Modigliani, Franco | 0.716 | 0.261 | 0.023 | 0.000 |
| Mody, Ashoka | 0.797 | 0.178 | 0.025 | 0.000 |
| Moffitt, Robert | 0.253 | 0.613 | 0.062 | 0.072 |
| Monfort, Alain | 0.453 | 0.524 | 0.000 | 0.023 |
| Montiel, Peter J | 0.828 | 0.160 | 0.000 | 0.012 |
| Mookherjee, Dilip | 0.121 | 0.850 | 0.000 | 0.029 |
| Morck, Randall Karl | 0.676 | 0.220 | 0.104 | 0.000 |
| Moretti, Enrico | 0.497 | 0.386 | 0.117 | 0.000 |
| Morris, Stephen | 0.025 | 0.905 | 0.059 | 0.011 |
| Muellbauer, John | 0.777 | 0.100 | 0.081 | 0.043 |
| Myerson, Roger B | 0.567 | 0.356 | 0.077 | 0.000 |
| Narayan, Paresch Kumar | 0.702 | 0.000 | 0.013 | 0.285 |
| Neary, J Peter | 0.508 | 0.389 | 0.052 | 0.050 |
| Nelson, Charles R | 0.782 | 0.085 | 0.133 | 0.000 |
| Nelson, Richard R | 0.790 | 0.094 | 0.116 | 0.000 |
| Nerlove, Marc | 0.704 | 0.296 | 0.000 | 0.000 |
| Neumark, David | 0.000 | 0.540 | 0.142 | 0.318 |
| Newbery, David M | 0.487 | 0.318 | 0.020 | 0.175 |
| Newell, Richard G | 0.931 | 0.027 | 0.042 | 0.000 |
| Newey, Whitney | 0.249 | 0.422 | 0.330 | 0.000 |
| Ng, Serena | 0.442 | 0.429 | 0.129 | 0.000 |
| Nickell, Stephen John | 0.420 | 0.396 | 0.184 | 0.000 |
| Nijkamp, Peter | 0.000 | 0.000 | 0.000 | 1.000 |
| Nordhaus, William D | 0.604 | 0.000 | 0.248 | 0.148 |
| Noussair, Charles | 0.655 | 0.322 | 0.000 | 0.024 |
| Oates, Wallace E | 0.903 | 0.000 | 0.097 | 0.000 |
| Obstfeld, Maurice | 0.000 | 0.572 | 0.383 | 0.045 |
| Ockenfels, Axel | 0.965 | 0.000 | 0.035 | 0.000 |
| Ohanian, Lee Edward | 0.708 | 0.252 | 0.040 | 0.000 |

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|----------------------------|-------|-------|-------|-------|
| Olarreaga, Marcelo | 0.875 | 0.106 | 0.000 | 0.019 |
| Ongena, Steven | 0.676 | 0.180 | 0.062 | 0.082 |
| Oosterbeek, Hessel | 0.779 | 0.220 | 0.001 | 0.000 |
| ORourke, Kevin Hjortshøj | 0.867 | 0.000 | 0.056 | 0.077 |
| Orphanides, Athanasios | 0.693 | 0.223 | 0.084 | 0.000 |
| Ostry, Jonathan David | 0.892 | 0.000 | 0.081 | 0.027 |
| Oswald, Andrew J | 0.604 | 0.092 | 0.238 | 0.067 |
| Ottaviano, Gianmarco I P | 0.681 | 0.000 | 0.205 | 0.114 |
| Ours, Jan van | 0.591 | 0.188 | 0.020 | 0.201 |
| Overman, Henry G | 0.954 | 0.000 | 0.046 | 0.000 |
| Pagan, Adrian Rodney | 0.770 | 0.000 | 0.181 | 0.049 |
| Pagano, Marco | 0.471 | 0.388 | 0.142 | 0.000 |
| Pakes, Ariel | 0.420 | 0.397 | 0.183 | 0.000 |
| Palfrey, Thomas R | 0.000 | 1.000 | 0.000 | 0.000 |
| Palma, André Jean-Louis de | 0.576 | 0.017 | 0.007 | 0.401 |
| Panagariya, Arvind | 0.766 | 0.158 | 0.000 | 0.076 |
| Panizza, Ugo | 0.791 | 0.000 | 0.131 | 0.079 |
| Papageorgiou, Chris | 0.909 | 0.091 | 0.000 | 0.000 |
| Parry, Ian | 0.699 | 0.262 | 0.015 | 0.024 |
| Partridge, Mark D | 0.768 | 0.000 | 0.000 | 0.232 |
| Patacchini, Eleonora | 1.000 | 0.000 | 0.000 | 0.000 |
| Peichl, Andreas | 0.776 | 0.000 | 0.000 | 0.224 |
| Peracchi, Franco | 0.972 | 0.028 | 0.000 | 0.000 |
| Peri, Giovanni | 0.695 | 0.000 | 0.162 | 0.143 |
| Perron, Pierre | 0.121 | 0.581 | 0.298 | 0.000 |
| Persson, Torsten | 0.295 | 0.542 | 0.163 | 0.000 |
| Pesaran, M Hashem | 0.033 | 0.000 | 0.613 | 0.354 |
| Pestieau, Pierre | 0.070 | 0.292 | 0.000 | 0.638 |
| Peydro, Jose-Luis | 0.911 | 0.000 | 0.089 | 0.000 |
| Pfaffermayr, Michael | 0.888 | 0.000 | 0.000 | 0.112 |
| Phelps, Edmund S | 0.506 | 0.451 | 0.002 | 0.041 |
| Phillips, Peter C B | 0.000 | 0.000 | 0.488 | 0.513 |
| Piketty, Thomas | 0.491 | 0.420 | 0.089 | 0.000 |
| Pindyck, Robert S | 0.562 | 0.321 | 0.117 | 0.000 |
| Pissarides, Christopher A | 0.822 | 0.000 | 0.178 | 0.000 |

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|---------------------------------|-------|-------|-------|-------|
| Pizer, William A | 0.990 | 0.002 | 0.008 | 0.000 |
| Ploeg, Frederick (Rick) van der | 0.377 | 0.302 | 0.015 | 0.305 |
| Polachek, Solomon William | 0.968 | 0.031 | 0.001 | 0.000 |
| Pollak, Robert A | 0.527 | 0.448 | 0.025 | 0.000 |
| Portes, Richard | 0.887 | 0.113 | 0.000 | 0.000 |
| Poterba, James | 0.000 | 0.659 | 0.220 | 0.121 |
| Potter, Simon | 0.977 | 0.000 | 0.023 | 0.000 |
| Prasad, Eswar | 0.769 | 0.163 | 0.068 | 0.000 |
| Prescott, Edward C | 0.437 | 0.090 | 0.473 | 0.000 |
| Pritchett, Lant | 0.883 | 0.000 | 0.090 | 0.027 |
| Propper, Carol | 0.684 | 0.246 | 0.000 | 0.071 |
| Putterman, Louis | 0.333 | 0.575 | 0.000 | 0.092 |
| Quiggin, John C | 0.529 | 0.000 | 0.000 | 0.471 |
| Quigley, John M | 0.539 | 0.295 | 0.010 | 0.156 |
| Quisumbing, Agnes Reynes | 0.871 | 0.000 | 0.000 | 0.129 |
| Racine, Jeffrey Scott | 0.848 | 0.152 | 0.000 | 0.000 |
| Rajan, Raghuram G | 0.055 | 0.524 | 0.421 | 0.000 |
| Rapoport, Hillel | 0.888 | 0.000 | 0.078 | 0.034 |
| Ratti, Ronald A | 0.979 | 0.000 | 0.021 | 0.000 |
| Ravallion, Martin | 0.225 | 0.087 | 0.246 | 0.442 |
| Ray, Debraj | 0.000 | 0.992 | 0.008 | 0.000 |
| Razin, Assaf | 0.000 | 0.667 | 0.040 | 0.293 |
| Rebelo, Sergio T | 0.500 | 0.223 | 0.278 | 0.000 |
| Redding, Stephen James | 0.500 | 0.291 | 0.209 | 0.000 |
| Reenen, John Michael van | 0.311 | 0.034 | 0.401 | 0.254 |
| Reichlin, Lucrezia | 0.824 | 0.000 | 0.176 | 0.000 |
| Reinhart, Carmen M | 0.361 | 0.000 | 0.639 | 0.000 |
| Renneboog, Luc | 0.830 | 0.000 | 0.031 | 0.140 |
| Rey, Patrick | 0.702 | 0.264 | 0.034 | 0.000 |
| Rietveld, Piet | 0.455 | 0.000 | 0.000 | 0.545 |
| Ríos-Rull, José-Víctor | 0.584 | 0.353 | 0.063 | 0.000 |
| Robin, Jean-Marc | 0.565 | 0.435 | 0.000 | 0.000 |
| Robinson, James Alan | 0.519 | 0.170 | 0.311 | 0.000 |
| Robinson, Sherman | 0.742 | 0.000 | 0.000 | 0.258 |
| Rochet, Jean Charles | 0.334 | 0.449 | 0.102 | 0.115 |

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|----------------------------|-------|-------|-------|-------|
| Rodrik, Dani | 0.457 | 0.000 | 0.430 | 0.113 |
| Roemer, John | 0.430 | 0.407 | 0.000 | 0.163 |
| Rogerson, Richard | 0.361 | 0.435 | 0.195 | 0.008 |
| Rogoff, Kenneth S | 0.130 | 0.132 | 0.737 | 0.000 |
| Roland, Gérard | 0.632 | 0.306 | 0.062 | 0.000 |
| Rose, Andrew Kenan | 0.426 | 0.161 | 0.300 | 0.112 |
| Rosen, Harvey | 0.626 | 0.271 | 0.103 | 0.000 |
| Rosen, Sherwin | 0.642 | 0.163 | 0.195 | 0.000 |
| Rosengren, Eric | 0.868 | 0.000 | 0.008 | 0.123 |
| Rosenzweig, Mark R | 0.000 | 0.798 | 0.179 | 0.024 |
| Ross, Stephen | 0.895 | 0.103 | 0.000 | 0.002 |
| Ross, Stephen A | 0.684 | 0.061 | 0.255 | 0.000 |
| Rotemberg, Julio J | 0.308 | 0.544 | 0.147 | 0.000 |
| Roth, Alvin E | 0.000 | 0.831 | 0.124 | 0.044 |
| Rousseau, Peter | 0.807 | 0.193 | 0.000 | 0.000 |
| Rozelle, Scott | 0.592 | 0.109 | 0.000 | 0.300 |
| Rubinstein, Ariel | 0.589 | 0.336 | 0.075 | 0.000 |
| Rudebusch, Glenn D | 0.708 | 0.127 | 0.161 | 0.004 |
| Ruhm, Christopher | 0.706 | 0.251 | 0.043 | 0.000 |
| Sadoulet, Elisabeth | 0.730 | 0.154 | 0.000 | 0.117 |
| Saez, Emmanuel | 0.000 | 0.801 | 0.199 | 0.000 |
| Saggi, Kamal | 0.764 | 0.216 | 0.000 | 0.020 |
| Saint-Paul, Gilles | 0.068 | 0.438 | 0.000 | 0.495 |
| Salvanes, Kjell G | 0.699 | 0.251 | 0.046 | 0.004 |
| Samuelson, Paul A | 0.000 | 0.688 | 0.123 | 0.188 |
| Sandler, Todd | 0.323 | 0.302 | 0.000 | 0.375 |
| Sapir, Andre | 0.831 | 0.000 | 0.000 | 0.169 |
| Sappington, David E M | 0.257 | 0.612 | 0.000 | 0.131 |
| Sargent, Thomas J | 0.000 | 0.198 | 0.482 | 0.320 |
| Sarno, Lucio | 0.465 | 0.454 | 0.048 | 0.033 |
| Scheinkman, Jose Alexandre | 0.165 | 0.729 | 0.106 | 0.000 |
| Schiantarelli, Fabio | 0.888 | 0.099 | 0.014 | 0.000 |
| Schmalensee, Richard | 0.420 | 0.488 | 0.042 | 0.050 |
| Schmeidler, David | 0.460 | 0.490 | 0.049 | 0.000 |
| Schmidt, Peter | 0.585 | 0.250 | 0.165 | 0.000 |

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| Schmidt-Hebbel, Klaus | 0.889 | 0.000 | 0.001 | 0.110 |
| Schmitz, Patrick W | 0.940 | 0.058 | 0.001 | 0.000 |
| Schmukler, Sergio Luis | 0.760 | 0.183 | 0.025 | 0.032 |
| Schneider, Friedrich Georg | 0.440 | 0.000 | 0.042 | 0.518 |
| Schorfheide, Frank | 0.781 | 0.107 | 0.112 | 0.000 |
| Schultz, T Paul | 0.651 | 0.334 | 0.015 | 0.000 |
| Schwartz, Anna Jacobson | 0.761 | 0.142 | 0.003 | 0.094 |
| Sen, Amartya | 0.855 | 0.073 | 0.072 | 0.000 |
| Serletis, Apostolos | 0.595 | 0.151 | 0.000 | 0.255 |
| Servén, Luis | 0.962 | 0.001 | 0.026 | 0.011 |
| Shapiro, Matthew D | 0.619 | 0.315 | 0.066 | 0.000 |
| Shavell, Steven | 0.781 | 0.201 | 0.018 | 0.000 |
| Shephard, Neil | 0.477 | 0.433 | 0.090 | 0.000 |
| Shiller, Robert J | 0.350 | 0.210 | 0.342 | 0.098 |
| Shin, Hyun Song | 0.526 | 0.000 | 0.258 | 0.216 |
| Shleifer, Andrei | 0.000 | 0.000 | 1.000 | 0.000 |
| Shogren, Jason | 0.299 | 0.216 | 0.000 | 0.486 |
| Shubik, Martin | 0.129 | 0.454 | 0.000 | 0.417 |
| Siegel, Donald S | 0.890 | 0.036 | 0.047 | 0.027 |
| Siklos, Pierre | 0.783 | 0.000 | 0.000 | 0.217 |
| Simar, Leopold | 0.770 | 0.099 | 0.049 | 0.083 |
| Sims, Christopher | 0.669 | 0.000 | 0.331 | 0.000 |
| Sinn, Hans-Werner | 0.000 | 0.095 | 0.000 | 0.905 |
| Skinner, Jonathan | 0.619 | 0.354 | 0.027 | 0.000 |
| Slemrod, Joel | 0.205 | 0.484 | 0.131 | 0.180 |
| Small, Kenneth A | 0.877 | 0.105 | 0.019 | 0.000 |
| Smets, Frank Rafael | 0.792 | 0.000 | 0.208 | 0.000 |
| Smith, Bruce D | 0.000 | 0.925 | 0.000 | 0.075 |
| Smith, James P | 0.543 | 0.378 | 0.005 | 0.074 |
| Smith, Ronald Patrick | 0.870 | 0.000 | 0.060 | 0.070 |
| Smith, Vernon L | 0.095 | 0.681 | 0.058 | 0.166 |
| Smyth, Russell | 0.557 | 0.000 | 0.000 | 0.443 |
| Soest, Arthur Herman Otto Van | 0.555 | 0.300 | 0.001 | 0.144 |
| Solow, Robert M | 0.833 | 0.000 | 0.138 | 0.030 |
| Sorensen, Bent E | 0.842 | 0.157 | 0.001 | 0.000 |

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|--------------------------|-------|-------|-------|-------|
| Spiegel, Mark M | 0.841 | 0.000 | 0.066 | 0.093 |
| Srinivasan, T N | 0.589 | 0.323 | 0.000 | 0.089 |
| Staiger, Robert W | 0.229 | 0.771 | 0.000 | 0.000 |
| Stark, Oded | 0.770 | 0.000 | 0.071 | 0.159 |
| Stavins, Robert Norman | 0.802 | 0.114 | 0.062 | 0.023 |
| Stein, Jeremy C | 0.472 | 0.260 | 0.268 | 0.000 |
| Stengos, Thanasis | 0.758 | 0.125 | 0.000 | 0.118 |
| Stiglitz, Joseph E | 0.000 | 0.000 | 0.761 | 0.240 |
| Stiroh, Kevin | 0.923 | 0.072 | 0.006 | 0.000 |
| Stock, James H | 0.517 | 0.000 | 0.483 | 0.000 |
| Strobl, Eric Albert | 0.827 | 0.011 | 0.009 | 0.153 |
| Stulz, René M | 0.000 | 0.579 | 0.373 | 0.048 |
| Sturzenegger, Federico | 0.951 | 0.046 | 0.003 | 0.000 |
| Stutzer, Alois | 0.917 | 0.000 | 0.056 | 0.027 |
| Subramanian, Arvind | 0.928 | 0.000 | 0.072 | 0.000 |
| Sugden, Robert | 0.485 | 0.314 | 0.026 | 0.174 |
| Summers, Lawrence H | 0.000 | 0.388 | 0.490 | 0.122 |
| Sunde, Uwe | 0.728 | 0.179 | 0.073 | 0.019 |
| Sunder, Shyam | 0.661 | 0.295 | 0.000 | 0.043 |
| Sutter, Matthias | 0.640 | 0.127 | 0.068 | 0.166 |
| Svensson, Lars E O | 0.000 | 0.748 | 0.208 | 0.044 |
| Swinnen, Johan | 0.502 | 0.000 | 0.000 | 0.498 |
| Tabellini, Guido | 0.332 | 0.405 | 0.262 | 0.000 |
| Tarp, Finn | 0.733 | 0.000 | 0.008 | 0.259 |
| Taylor, Alan M | 0.661 | 0.008 | 0.211 | 0.120 |
| Taylor, John B | 0.639 | 0.016 | 0.266 | 0.079 |
| Taylor, Mark P | 0.397 | 0.314 | 0.099 | 0.190 |
| Teece, David J | 0.945 | 0.000 | 0.055 | 0.000 |
| Teräsvirta, Timo | 0.810 | 0.096 | 0.046 | 0.049 |
| Thakor, Anjan V | 0.049 | 0.877 | 0.033 | 0.041 |
| Thaler, Richard H | 0.605 | 0.000 | 0.395 | 0.000 |
| Thesmar, David | 0.690 | 0.310 | 0.000 | 0.000 |
| Thisse, Jacques François | 0.040 | 0.370 | 0.099 | 0.491 |
| Thomas, Duncan | 0.814 | 0.138 | 0.048 | 0.000 |
| Thurik, Roy | 0.823 | 0.000 | 0.000 | 0.177 |

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|------------------------|-------|-------|-------|-------|
| Timmer, Marcel Peter | 0.927 | 0.000 | 0.068 | 0.005 |
| Timmermann, Allan | 0.528 | 0.394 | 0.078 | 0.000 |
| Tirole, Jean | 0.000 | 0.000 | 0.839 | 0.162 |
| Titman, Sheridan | 0.654 | 0.153 | 0.193 | 0.000 |
| Tobin, James | 0.752 | 0.000 | 0.157 | 0.090 |
| Tol, Richard S J | 0.421 | 0.000 | 0.030 | 0.549 |
| Townsend, Robert M | 0.219 | 0.747 | 0.034 | 0.000 |
| Trivedi, Pravin K | 0.850 | 0.080 | 0.067 | 0.002 |
| Turnovsky, Stephen J | 0.000 | 0.399 | 0.038 | 0.562 |
| Tyran, Jean-Robert | 0.945 | 0.039 | 0.016 | 0.000 |
| Uhlig, Harald | 0.784 | 0.048 | 0.155 | 0.013 |
| Ullah, Aman | 0.890 | 0.052 | 0.000 | 0.058 |
| Uribe, Martín | 0.650 | 0.160 | 0.190 | 0.000 |
| Valletti, Tommaso | 0.709 | 0.236 | 0.000 | 0.055 |
| Varian, Hal Ronald | 0.899 | 0.000 | 0.101 | 0.000 |
| Vegh, Carlos A | 0.813 | 0.121 | 0.066 | 0.000 |
| Venables, Anthony J | 0.648 | 0.000 | 0.211 | 0.140 |
| Verboven, Frank | 0.734 | 0.260 | 0.006 | 0.000 |
| Verdier, Thierry A | 0.178 | 0.693 | 0.032 | 0.097 |
| Veugelers, Reinhilde | 0.862 | 0.000 | 0.004 | 0.134 |
| Vickers, John | 0.832 | 0.118 | 0.050 | 0.000 |
| Villeval, Marie Claire | 0.742 | 0.000 | 0.000 | 0.258 |
| Viscusi, W Kip | 0.000 | 0.635 | 0.000 | 0.365 |
| Vives, Xavier | 0.000 | 0.610 | 0.000 | 0.390 |
| Voth, Hans-Joachim | 0.750 | 0.248 | 0.003 | 0.000 |
| Wachtel, Paul | 0.849 | 0.149 | 0.002 | 0.000 |
| Wagstaff, Adam | 0.920 | 0.000 | 0.030 | 0.050 |
| Waldfoegel, Joel | 0.649 | 0.351 | 0.000 | 0.000 |
| Walker, Ian | 0.848 | 0.138 | 0.000 | 0.013 |
| Walsh, Carl | 0.737 | 0.167 | 0.023 | 0.073 |
| Wang, Ping | 0.610 | 0.264 | 0.000 | 0.126 |
| Wasmer, Etienne | 0.968 | 0.020 | 0.000 | 0.012 |
| Watson, Mark W | 0.261 | 0.330 | 0.409 | 0.000 |
| Weber, Martin | 0.784 | 0.100 | 0.005 | 0.112 |
| Wei, Shang-Jin | 0.569 | 0.000 | 0.282 | 0.149 |

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|--------------------------|-------|-------|-------|-------|
| Weil, David N | 0.751 | 0.000 | 0.249 | 0.000 |
| Weitzman, Martin L | 0.000 | 0.947 | 0.053 | 0.000 |
| West, Kenneth D | 0.543 | 0.237 | 0.220 | 0.000 |
| Westerlund, Joakim | 0.765 | 0.148 | 0.000 | 0.087 |
| Whalley, John | 0.000 | 0.591 | 0.000 | 0.409 |
| Wheelock, David C | 0.924 | 0.000 | 0.000 | 0.076 |
| White, Halbert | 0.138 | 0.619 | 0.243 | 0.000 |
| White, Lawrence J | 0.744 | 0.204 | 0.000 | 0.053 |
| Wieland, Volker | 0.918 | 0.041 | 0.041 | 0.000 |
| Wijnbergen, Sweder van | 0.680 | 0.244 | 0.000 | 0.075 |
| Williams, John C | 0.758 | 0.000 | 0.114 | 0.128 |
| Williamson, Jeffrey Gale | 0.538 | 0.374 | 0.021 | 0.067 |
| Williamson, Oliver E | 0.907 | 0.000 | 0.093 | 0.000 |
| Williamson, Stephen D | 0.661 | 0.339 | 0.000 | 0.000 |
| Wilson, Paul W | 0.923 | 0.036 | 0.041 | 0.000 |
| Wilson, Robert Butler | 0.382 | 0.600 | 0.018 | 0.000 |
| Winter, Joachim Klaus | 0.933 | 0.058 | 0.000 | 0.010 |
| Winter-Ebmer, Rudolf | 0.872 | 0.091 | 0.003 | 0.034 |
| Winters, L Alan | 0.690 | 0.169 | 0.000 | 0.140 |
| Withagen, Cees | 0.946 | 0.030 | 0.000 | 0.025 |
| Woessmann, Ludger | 0.428 | 0.280 | 0.076 | 0.216 |
| Wohar, Mark E | 0.690 | 0.000 | 0.000 | 0.310 |
| Wolfe, Barbara L | 0.686 | 0.301 | 0.000 | 0.013 |
| Woodford, Michael | 0.197 | 0.332 | 0.350 | 0.121 |
| Wooldridge, Jeffrey Marc | 0.431 | 0.000 | 0.470 | 0.099 |
| Wright, Mike | 0.310 | 0.092 | 0.006 | 0.591 |
| Wright, Randall | 0.228 | 0.690 | 0.083 | 0.000 |
| Wyplosz, Charles | 0.895 | 0.056 | 0.027 | 0.022 |
| Xu, Lixin Colin | 0.875 | 0.125 | 0.000 | 0.000 |
| Yeyati, Eduardo Levy | 0.948 | 0.000 | 0.052 | 0.000 |
| Yitzhaki, Shlomo | 0.818 | 0.157 | 0.010 | 0.015 |
| Yu, Jun | 0.856 | 0.136 | 0.000 | 0.008 |
| Zakoian, Jean-Michel | 0.950 | 0.050 | 0.000 | 0.000 |
| Zeckhauser, Richard J | 0.000 | 0.633 | 0.107 | 0.260 |
| Zenou, Yves | 0.242 | 0.424 | 0.044 | 0.289 |

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|---------------------|-------|-------|-------|-------|
| Zhang, Junsen | 0.730 | 0.237 | 0.002 | 0.031 |
| Zhang, Xiaobo | 0.890 | 0.000 | 0.027 | 0.084 |
| Zilberman, David | 0.438 | 0.099 | 0.000 | 0.463 |
| Zilibotti, Fabrizio | 0.381 | 0.561 | 0.058 | 0.000 |
| Zimmermann, Klaus F | 0.456 | 0.000 | 0.000 | 0.544 |
| Zingales, Luigi | 0.326 | 0.337 | 0.337 | 0.000 |
| Zou, Heng-Fu | 0.578 | 0.167 | 0.079 | 0.176 |
| Zweimüller, Josef | 0.677 | 0.306 | 0.017 | 0.000 |
