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
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Topic modeling applied to business research: A latent dirichlet allocation (LDA)-based classification for organization studies (Conference Paper)

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Abstract

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More than 1.5 million academic documents are published each year, and this trend shows an incremental tendency for the following years. One of the main challenges for the academic community is how to organize this huge volume of documentation to have a sense of the knowledge frontier. In this study we applied Latent Dirichlet Allocation (LDA) techniques to identify primary topics in organization studies, and analyzed the relationships between academic impact and belonging to the topics detected by LDA. © 2019, Springer Nature Switzerland AG.

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References (17)

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- 1 Al-Augby, S., Nermend, K.
Using rule text mining based algorithm to support the stock market investment decision

(2015) *Transformations in Business and Economics*, 14 (3C), pp. 448-469. Cited 2 times.

<http://www.transformations.khf.vu.lt/>

- 2 Bao, Y., Datta, A.
Simultaneously discovering and quantifying risk types from textual risk disclosures

(2014) *Management Science*, 60 (6), pp. 1371-1391. Cited 58 times.
<http://pubsonline.informs.org/doi/pdf/10.1287/mnsc.2014.1930>
doi: 10.1287/mnsc.2014.1930

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- 3 Baskara, A.R., Sarno, R., Solichah, A.
Discovering traceability between business process and software component using Latent Dirichlet Allocation

(2016) *2016 International Conference on Informatics and Computing, ICIC 2016*, art. no. 7905724, pp. 251-256. Cited 5 times.
ISBN: 978-150901648-8
doi: 10.1109/IAC.2016.7905724

[View at Publisher](#)

- 4 Bendle, N.T., Wang, X.S.
Uncovering the message from the mess of big data

(2016) *Business Horizons*, 59 (1), pp. 115-124. Cited 15 times.
<http://www.elsevier.com/locate/bushor>
doi: 10.1016/j.bushor.2015.10.001

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- 5 Blei, D.M., Ng, A.Y., Jordan, M.I.
Latent Dirichlet allocation

(2003) *Journal of Machine Learning Research*, 3 (4-5), pp. 993-1022. Cited 15914 times.

[View at Publisher](#)



- 6 Brandt, T., Bendler, J., Neumann, D.
Social media analytics and value creation in urban smart tourism ecosystems

(2017) *Information and Management*, 54 (6), pp. 703-713. Cited 27 times.
doi: 10.1016/j.im.2017.01.004

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- 7 Carnerud, D.
Exploring research on quality and reliability management through text mining methodology

(2017) *International Journal of Quality and Reliability Management*, 34 (7), pp. 975-1014. Cited 3 times.
<http://www.emeraldinsight.com/info/journals/ijqrm/ijqrm.jsp>
doi: 10.1108/IJQRM-03-2015-0033

[View at Publisher](#)

- 8 Dean, J.W., Sharfman, M.P.
PROCEDURAL RATIONALITY IN THE STRATEGIC DECISION-MAKING PROCESS*

(1993) *Journal of Management Studies*, 30 (4), pp. 587-610. Cited 208 times.
doi: 10.1111/j.1467-6486.1993.tb00317.x

[View at Publisher](#)

- 9 Dyer, T., Lang, M., Stice-Lawrence, L.
The evolution of 10-K textual disclosure: Evidence from Latent Dirichlet Allocation

(2017) *Journal of Accounting and Economics*, 64 (2-3), pp. 221-245. Cited 24 times.
<http://www.elsevier.com/locate/jacceco>
doi: 10.1016/j.jacceco.2017.07.002

[View at Publisher](#)



10 Martell, K.

Assessing Student Learning: Are Business Schools Making the Grade?

(2007) *Journal of Education for Business*, 82 (4), pp. 189-195. Cited 84 times.

<http://www.tandfonline.com/loi/vjeb20#.VQvwco6G81l>

doi: 10.3200/JOEB.82.4.189-195

[View at Publisher](#)

11 Mazanec, J.A.

Determining long-term change in tourism research language with text-mining methods

(2017) *Tourism Analysis*, 22 (1), pp. 75-83. Cited 5 times.

<http://docserver.ingentaconnect.com/deliver/connect/cog/10835423/v22n1/s6.pdf>

doi: 10.3727/108354217X14828625279771

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12 Papadakis, V.M., Lioukas, S., Chambers, D.

Strategic decision-making processes: The role of management and context

(1998) *Strategic Management Journal*, 19 (2), pp. 115-147. Cited 311 times.

<http://www.interscience.wiley.com/jpages/0143-2095>

doi: 10.1002/(SICI)1097-0266(199802)19:2<115::AID-SMJ941>3.0.CO;2-5

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13 Puranam, D., Narayan, V., Kadiyali, V.

The effect of calorie posting regulation on consumer opinion: A flexible latent dirichlet allocation model with informative priors

(2017) *Marketing Science*, 36 (5), pp. 726-746. Cited 10 times.

<http://pubsonline.informs.org/doi/pdf/10.1287/mksc.2017.1048>

doi: 10.1287/mksc.2017.1048

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- 14 Jun Hyun Ryoo, J., Bendle, N.
Understanding the social media strategies of U.S. primary candidates

(2017) *Journal of Political Marketing*, 16 (3-4), pp. 244-266. Cited 2 times.
<http://www.tandfonline.com/loi/wplm20>
doi: 10.1080/15377857.2017.1338207

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- 15 Schwarz, C.
Ldagibbs: A command for topic modeling in stata using latent Dirichlet allocation

(2018) *Stata Journal*, 18 (1), pp. 101-117. Cited 3 times.
<http://www.stata-journal.com/>

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- 16 Vílchez-Román, C., Huamán-Delgado, F.
Estabilidad y cambio en la teoría organiza-cional: Un estudio basado en la minería de texto y el análisis de co-citación
(2017) *II Congreso Internacional De Ciencias De La Gestión, Lima, Peru*

- 17 Voss, D.
Scientists weave new-style webs to tame the information glut

(2000) *Science*, 289 (5488), p. 2250. Cited 2 times.

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