OBJECTIVES
- Obtain statistical, micro-data based evidence on scientific publishing and open access (OA) to outputs of scientific research
  - Openness
  - Incentives, behaviour
  - Demographics and careers
- Test feasibility of an OECD-run, online international survey of scientific authors (ISSA) as an addition to the OECD evidence infrastructure.

PILOT SURVEY DESIGN AND OUTCOMES
- Focus on topical issues of high global policy priority
- Complement/avoid overlap with NSO surveys
- Pursuit of value for money
- Respondents enticed to participate by expected impact of evidence on global policy discussions

ACCESS TO RESEARCH OUTPUTS:
- Open access of scientific documents, by field and by country

An experiment: Valuing open access
- Hypothetical deals proposed to authors:
  - An offer to pay something (or more) for open access.
  - Reveals value in excess of access cost
  - Amounts randomly allocated

The role of OA in accounting for self-reported citations
- Weighted estimates of citation probability and T-test for difference

Main findings:
- No citation advantage in major scientific indices
- Significant citation advantage found in most other vehicles, esp. working papers.
  - OA does facilitate diffusion, esp. among non sci. communities.

Explaining author’s earnings
- Log annual earnings regression results

Conclusions and future plans:
- Further testing on lessons learned from pilot
  - Emphasis on respondent value proposition
- Subject matter selection:
  - Insights on the digitalisation of scientific research.
  - Improved measures of scientific activity and impact

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For more information about the ISSA project, please visit the dedicated website: oe.cd/issa