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Characterization of the community structure in a large-scale production network in Japan

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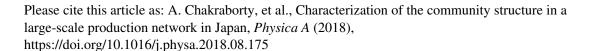
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*Highlights (for review)

Highlights:

- The community structure is uncovered in a large-scale directed production network.
- We conduct a detailed topological characterization of the communities.
- A heterogeneous distribution of inter-modular link weights is observed.
- Significant over-expressions of prefectures and sectors is detected across communities.

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