

# A Survival Analysis in Behavior of Patent Examination Request in Japanese Firms

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## **Abstract**

In this paper, we seek to identify the major determinants of the length of period between filing and examination request for Japanese patent. We consider three factors that may influence request, i.e., value index options for patent, R&D density and patent propensity, and environment changes faced by Japanese companies. Our sample covers over 3000 Japanese listed companies and their patent applications between 1987 and 2002.

**Keyword:** Patent system, Patenting strategy, Survival analysis, Japanese firm

**JEL classification codes:** L20, O31, O34