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Katharina Morik and Stefan Ruping: An Inductive Logic Programming Approach to the Classification of Phases in Business Cycles¹.

Introduction; 2. Inductive Logic Programming; 2.1 MOBAL; 2.1.1 The Rule Discovery Tool RDT; 2.1.2 Rule Inspection; 2.1.3 Knowledge Revision; 3. Experiments on German Business Cycle Data; 3.1 Discretization; 3.2 Modeling Four Phases Without Time Intervals; 3.3 Modeling Four Phases with Time Intervals; 3.4 Modeling Two Phases; 3.5 Concept Shift; 4. Conclusion and Further Work; References
Ursula Garczarek and Claus Weihs: Univariate Characterization of the German Business Cycle 1955-1994

Sommario/riassunto

Hauptbeschreibung The analysis of cyclical macroeconomic phenomena is an important field of econometric research. In the recent past, research interests have de-emphasized quantitative forecasting exercises and have addressed the qualitative diagnosis of the relative stance of the economy regarding "upswing", "recession", or "boom" periods, i. e. the classification of the state of the economy into a limited number of discrete states. In this context the principal challenge is to reduce the multifaceted and sometimes abundant quantitative information about the business cycle to
