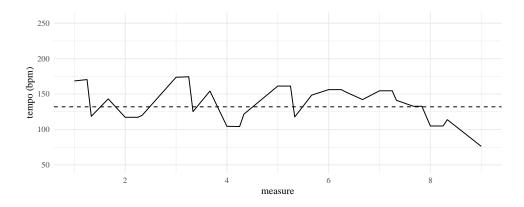
Mazurka paper figures $_{DJM}$ $_{2/22/2019}$

Suggested order

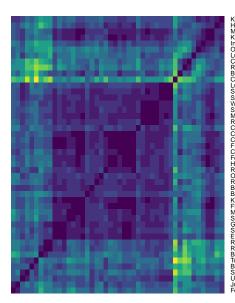
- 1. Parameter interpretation in Fliere
- 2. Using parameters to examine two different performances
- 3. Clustering performances (compare the clusters)
 - a. what can we say about the parameters of each cluster? what is different about them?
- 4. Similar performances (Rubinstein)
- 5. Model issues

Short tempo

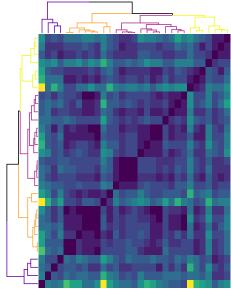


Comparing clusters

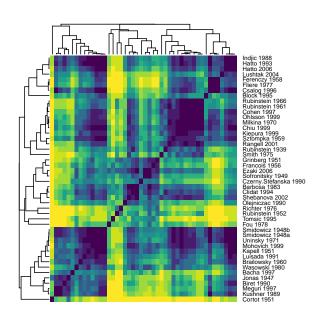
- ## [1] FALSE
- ## [1] TRUE
- ## [1] TRUE
- ## [1] TRUE
- ## [1] 8



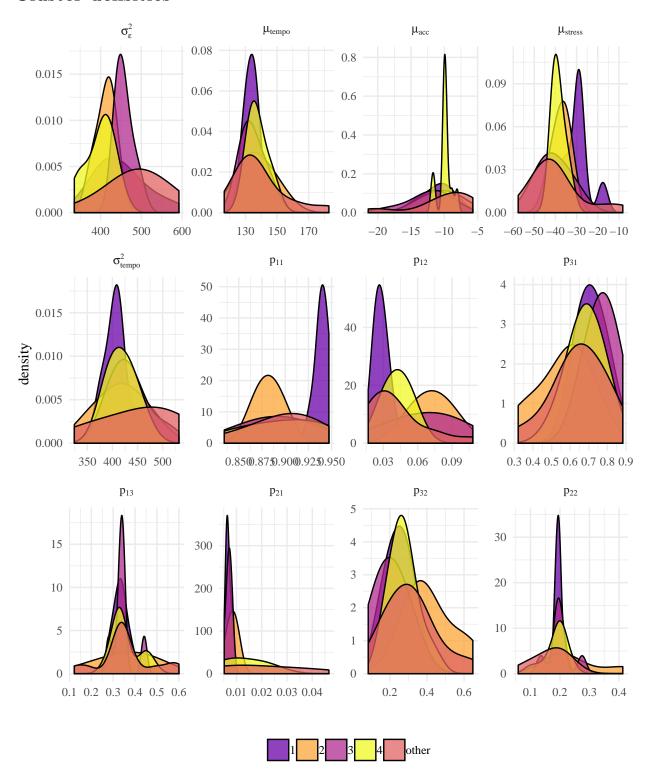
Kushner 1989
Hatto 2006
Meguif 1986
Meguif 1987
Meguif 1987
Meguif 1987
Meguif 1987
Meguif 1988
Ohlsson 1999
Lushtak 2004
Czerny, Stefanska 1990
Rubinstein 1939
Bacha 1997
Cortot 1919
Mishin 1975
Sztompka 1959
Wasowski 1980
Shebanova 2002
Milkina 1976
Clidat 1934
Cohen 1987
Cohen 1989
Gerancols 1989
Gerancols 1989
Gerancols 1989
Ferenczy 1958
Hatto 1993
Rubinstein 1961
Brailowsky 1960
Kiepura 1999
Filera 1977
Mohovich 1999
Smidowicz 1948b
Grinberg 1951
Smidowicz 1948b
Grinberg 1951
Smidowicz 1948b
Grinberg 1951
Smidowicz 1948b
Grinberg 1951
Smidowicz 1948b
Grinberg 1955
Brailowsky 1960
Kiepura 1999
Filera 1977
Mohovich 1999
Smidowicz 1948b
Grinberg 1955
Smidowicz 1948b
Grinberg 1951

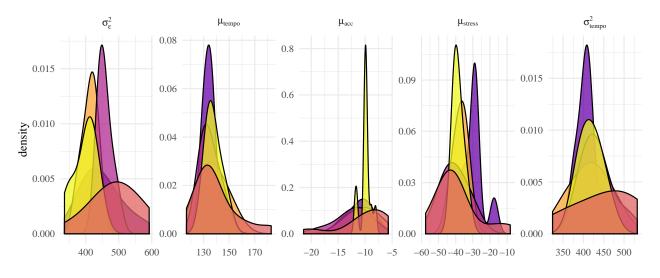


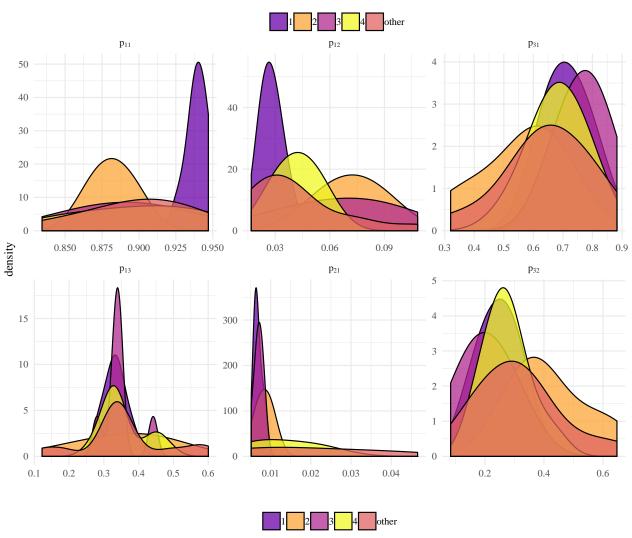
Luisada 1991
Smith 1975
Sztompka 1959
Uninsky 1971
Meguri 1997
Kapell 1951
Indjic 1988
Grinberg 1951
Smidowicz 1948a
Ezaki 2006
Block 1995
Kiepura 1999
Smidowicz 1948a
Ezaki 2006
Shebanova 2002
Milkina 1977
Mohovich 1999
Smidowicz 1948b
Wasowski 1980
Shebanova 2002
Milkina 1970
Richter 1976
Rubinstein 1952
Hatto 2006
Cohen 1997
Calog 1996
Francois 1956
Chiu 1999
Ferenczy 1958
Hatto 1993
Olejniczac 1990
Rubinstein 1961
Cliidat 1994
Rubinstein 1961



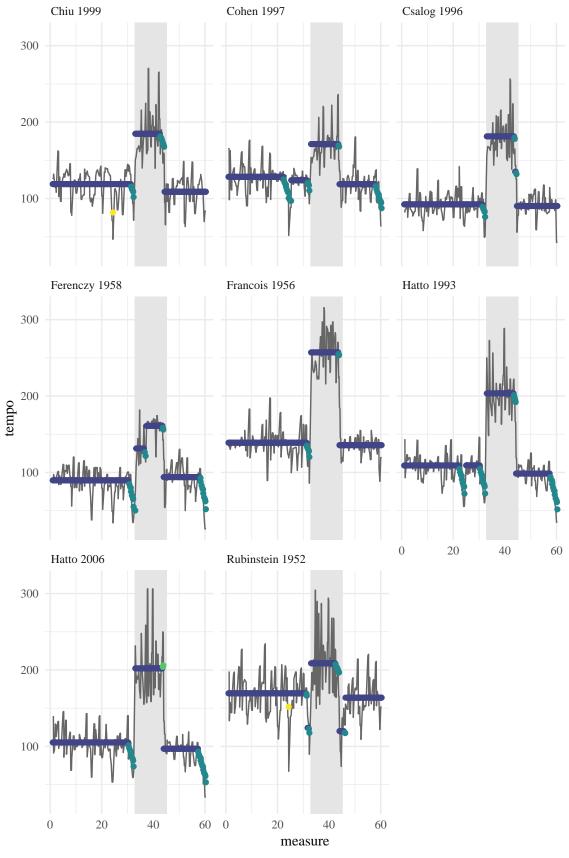
Cluster densities

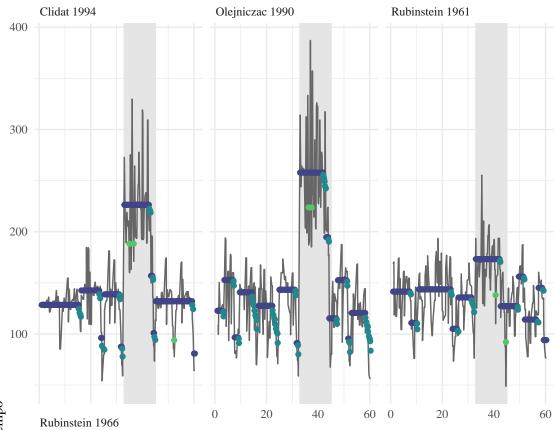


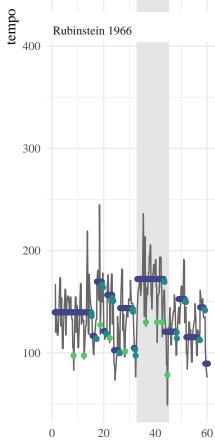




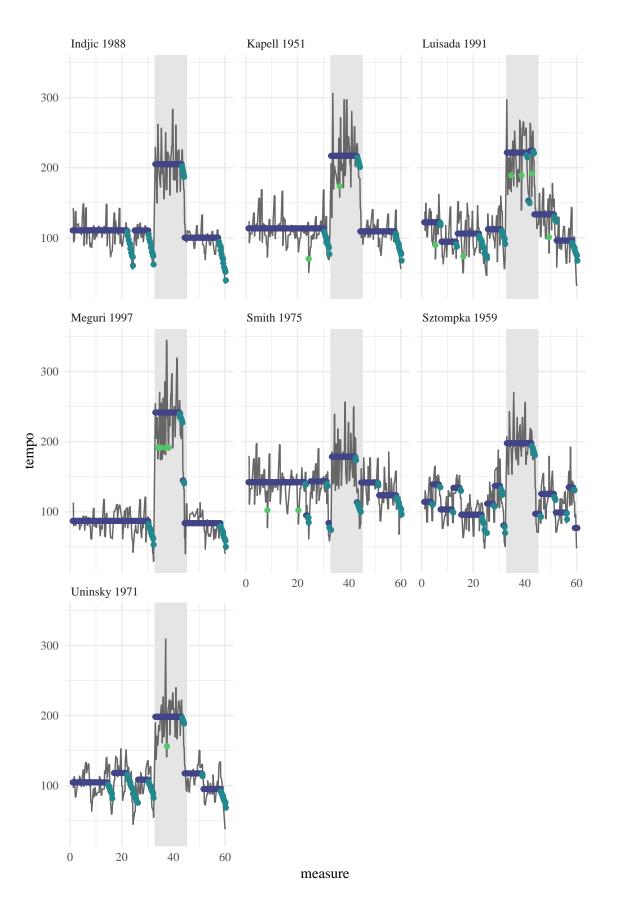
Plotting performances

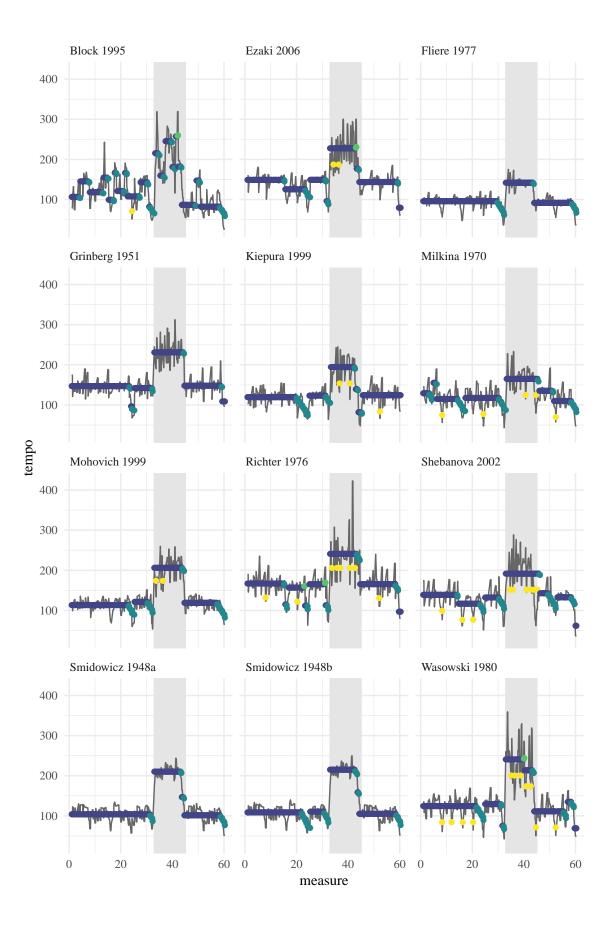


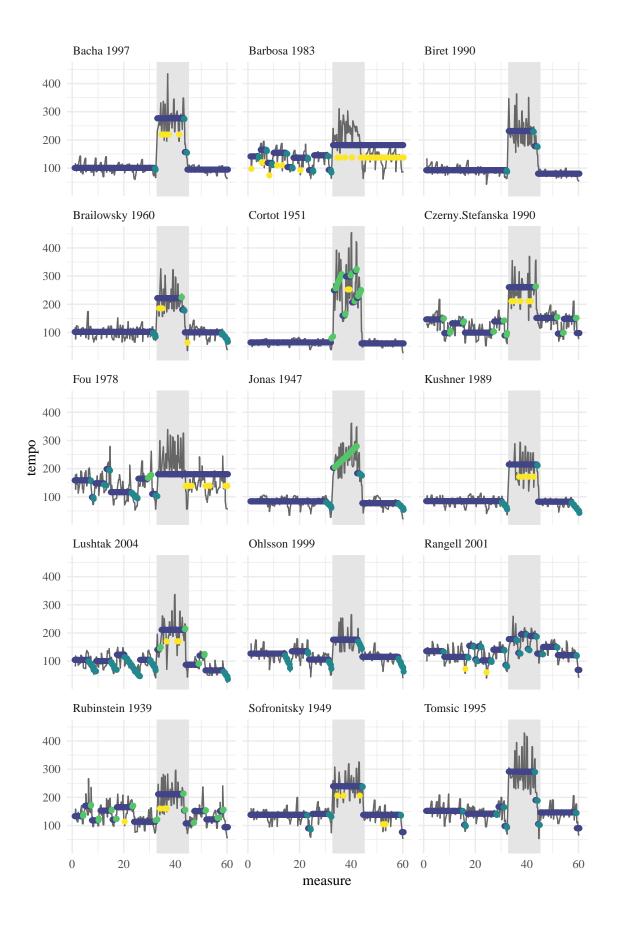


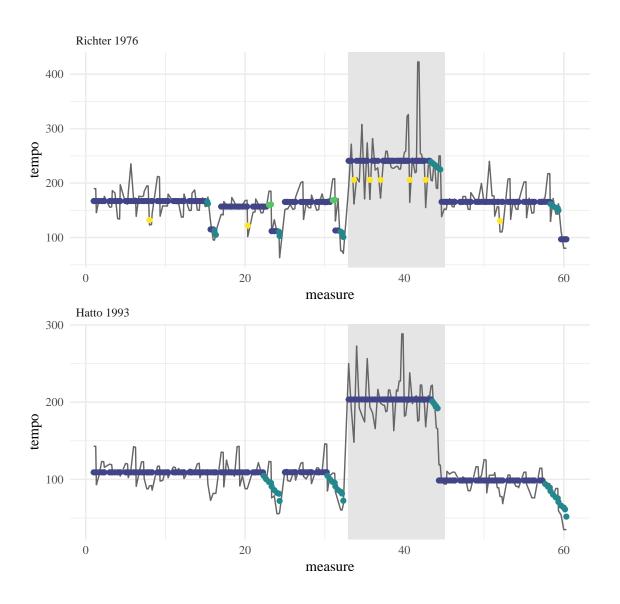


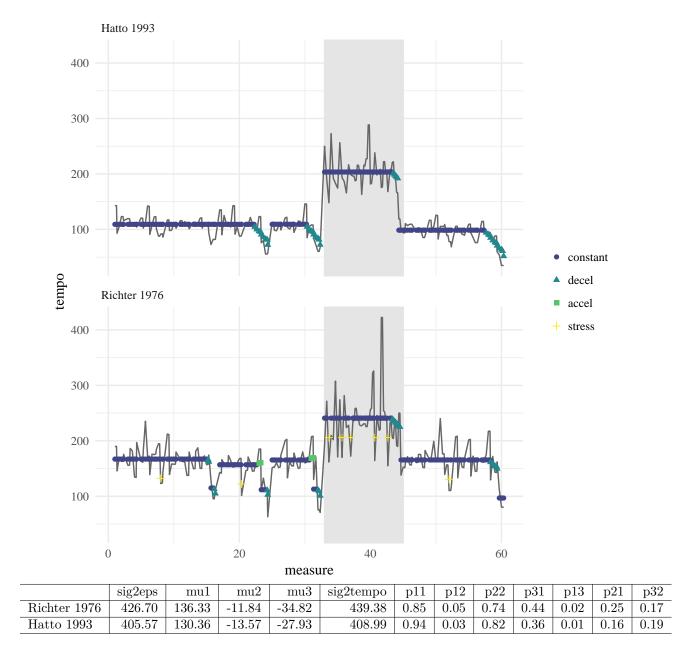
measure





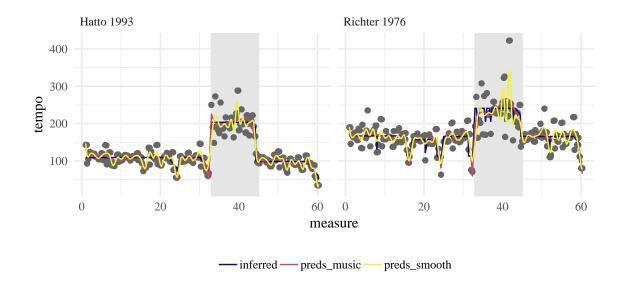




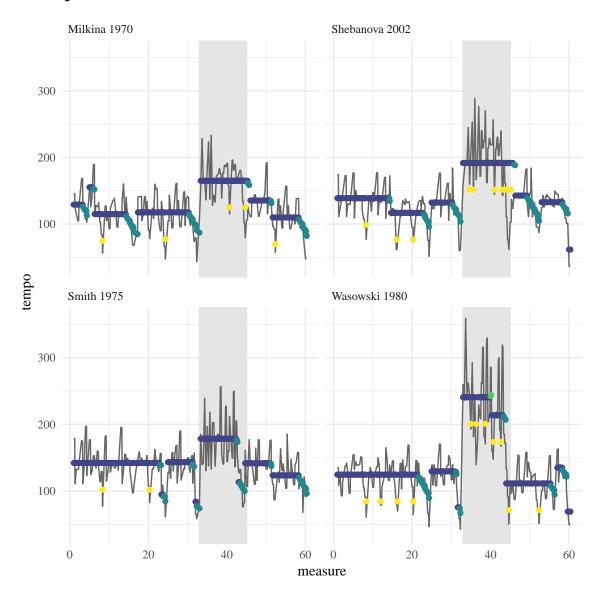


Different smoothing

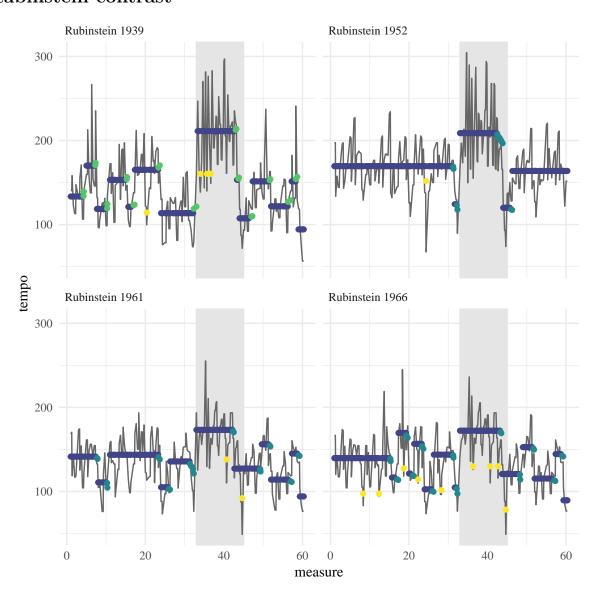
Try splines, replicating knots, l1tf?



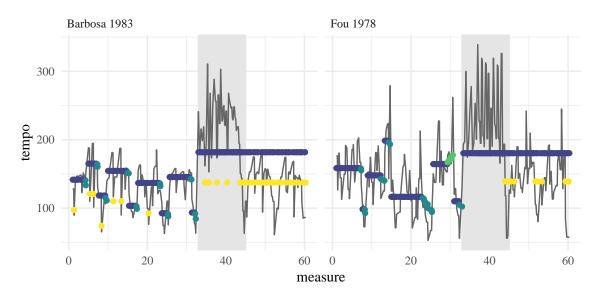
Similar performances



Rubinstein contrast



Bad estimation



Problems with the model

- Problem with retransitioning to state 1
- states 2 and 3 aren't constrained to always decrease/increase, only in mean
- state 4 may not always emphasize a slow down
- previous 2 have to do with Gaussian assumptions
- necessity for strong priors
- but priors are on parameters, not on path (how would we want this to change?)