Total fertility rate in England and Wales 2.5 -TFR 2.0 -1940 1980 1960 2000 Year Differenced total fertility rate in England and Wales 0.4 -0.2 --0.2 **-**1940 1960 1980 2000 Year Autocorrelations Partial-autocorrelations 1.00 -1.0 -0.75 -0.50 -ACF 0.25 0.00 -0.25 0 25 5 0 5 10 20 10 . 15 20 . 25 30 15 30 Lag Lag ACF of differenced data PACF of differenced data 0.2 -0.2 -0.1 0.1 -0.0 0.0 -0.1 **-**-0.1 **-**-0.2 **-**-0.2 **-**Ö 5 Ö 30 10 20 5 10 25 30 15 20 25 15 Lag Lag