MAR model: p_2 p_2 p_2 p_1 Y_{t-1} \boldsymbol{B}_2' \boldsymbol{B}_1 =

LRTAR model:

 p_1

 p_1

$$r_4$$

 p_2

 U_4

 r_1

 U_1'



 p_2

 \boldsymbol{Y}_{t-1}

$$\boldsymbol{E}_t$$

 U_2

 U_3'

 r_3



 p_2

 U_4