ARMA with same polynomial

$$\mathcal{L}_{\xi} - \phi_{1} \mathcal{L}_{\xi-1} = \mathcal{Q}_{\xi} - \theta_{1} \mathcal{Q}_{\xi-1}$$

$$((-.58))_{t} = ((-.58)e_{t}$$

GARCH (1,1)

$$Y_{t} = \mathcal{O}_{t} \mathcal{Q}_{t}$$

$$\mathcal{O}_{t}^{2} = \mathcal{O}_{t} \mathcal{Q}_{t}$$

$$\mathcal{O}_{t}^{2} = \mathcal{O}_{t} \mathcal{A} \mathcal{A}_{t-1}^{2} + \beta \mathcal{O}_{t-1}^{2}$$

$$\mathcal{O}_{t}^{2} = \mathcal{O}_{t} \mathcal{A}_{t-1}^{2} + \beta \mathcal{O}_{t-1}^{2}$$

ARMA (1,1)

AICCMORPHAL Select ARMA (PiB) order using Used Cornect % True ex Normal Normal t(5) GARCH (1,1)

Select GAR (H(P,B) order by AIC

Used	Trul ex	Corvect %.
Narmel	Normal	70 %
Normal	t(5)	21.6/6
WHUL	State of the	
t (5)	t(5)	72%

estimation ARMA para he ter $hsE = E(\hat{\phi} - \phi)^2$ 100% Normal (00 99 % 10A % t(5) GARCH (1,1)

estimation GARCH parameter MSE = E(\$-\$) W 100 % Novher (00) 100 18/90 218 174 (5) 126 Skew t 141%