

Modello Parametrico										Modello non parametrico						
Model	Struct	Best fit Val. %	Best fit Prev. %	Loss function $V_1(\hat{\theta}_N)$	Altri criteri (FPE, AIC, MDL)	Bianchezza residuo (cross corr.)	Corr. Anal. (risposta grad./imp.)	Spectral analysis (SPA/ETFE)	Diag. poli-zeri	$100 \times \max \frac{\Delta \theta}{\theta} $	Oss.					
(d)	$[n_a, n_b, n_c, n_d, n_k]$															
ARX (10)	[5 5 1]	52.48	86	0.40	FPE = 0.4084	N	OK	OK	Stabile	3.17% (A) 8.20% (B)	OK No bianch. residui					
ARX (24)	[12 12 1]	53.01	X	0.0917	FPE = 0.0962	~Y	OK	OK	Stabile	18% (A) 26% (B)	Sovra param					
ARX (34)	[17 17 1]	X	93.28	0.0854	FPE = 0.0914	~Y	OK	OK	Stabile	200% (A) 654% (B)	Sovra param Errori sui parametri					
$ARMAX$ (12)	[4 4 4 1]	52.81	93.31	0.0883	FPE = 0.0905	Y	OK	OK	Stabile	78% (A) 9.5% (B) 22% (C)	OK Errore sui param.					
OE	X	X	X	X	X	X	X	X	X	X	No residui bianchi					
BJ (8)	[2 2 2 2 1]	52.89	93.35	0.0887	FPE = 0.0901	Y	OK	OK	Stabile	0.41% (B) 18% (C) 7% (D) 0.02% (E)	OK					