Predicción IPC para los próximos 100 meses

1 Predicciones

Año	Mes	República	Región I	Región II	Región III	Región IV	Región V	Región VI	Región VII	Región VIII
2023	Diciembre	168.09	142.17	247.87	159.66	236.56	154.69	153.53	227.66	170.9
2024	Enero	168.81	142.92	247.87	160.66	237.76	155.22	154.27	228.98	170.93
2024	Febrero	169.53	143.68	247.87	161.67	238.78	155.75	155.02	230.22	170.93
2024	Marzo	170.25	144.44	247.87	162.67	239.96	156.28	155.77	231.45	170.92
2024	Abril	170.97	145.2	247.87	163.67	241.17	156.81	156.51	232.69	170.92
2024	Mayo	171.69	145.96	247.87	164.67	242.32	157.34	157.26	233.93	170.92
2024	Junio	172.41	146.73	247.87	165.68	243.47	157.87	158.01	235.16	170.92
2024	Julio	173.13	147.49	247.87	166.68	244.63	158.39	158.75	236.4	170.92
2024	Agosto	173.85	148.25	247.87	167.69	245.8	158.92	159.5	237.64	170.92
2024	Septiembre	174.56	149.01	247.87	168.69	246.95	159.44	160.25	238.87	170.92
2024	Octubre	175.28	149.77	247.87	169.69	248.11	159.97	160.99	240.11	170.92
2024	Noviembre	176.0	150.53	247.87	170.7	249.26	160.49	161.74	241.35	170.92
2024	Diciembre	176.72	151.3	247.87	171.7	250.42	161.01	162.49	242.58	170.92
2025	Enero	177.44	152.06	247.87	172.7	251.57	161.53	163.23	243.82	170.92
2025	Febrero	178.16	152.82	247.87	173.71	252.73	162.05	163.98	245.05	170.92
2025	Marzo	178.88	153.58	247.87	174.71	253.88	162.57	164.73	246.29	170.92
2025	Abril	179.6	154.34	247.87	175.71	255.03	163.09	165.47	247.53	170.92
2025	Mayo	180.32	155.1	247.87	176.72	256.18	163.61	166.22	248.76	170.92
2025	Junio	181.04	155.87	247.87	177.72	257.33	164.13	166.97	250.0	170.92
2025	Julio	181.75	156.63	247.87	178.72	258.48	164.64	167.71	251.24	170.92
2025	Agosto	182.47	157.39	247.87	179.73	259.63	165.16	168.46	252.47	170.92
2025	Septiembre	183.19	158.15	247.87	180.73	260.77	165.67	169.21	253.71	170.92
2025	Octubre	183.91	158.91	247.87	181.73	261.92	166.19	169.95	254.95	170.92
2025	Noviembre	184.63	159.67	247.87	182.74	263.06	166.7	170.7	256.18	170.92
2025	Diciembre	185.35	160.44	247.87	183.74	264.21	167.21	171.45	257.42	170.92
2026	Enero	186.07	161.2	247.87	184.74	265.35	167.73	172.19	258.66	170.92

2026	Febrero	186.79	161.96	247.87	185.75	266.49	168.24	172.94	259.89	170.92
2026	Marzo	187.51	162.72	247.87	186.75	267.63	168.75	173.69	261.13	170.92
2026	Abril	188.23	163.48	247.87	187.75	268.77	169.26	174.43	262.37	170.92
2026	Mayo	188.94	164.24	247.87	188.76	269.91	169.77	175.18	263.6	170.92
2026	Junio	189.66	165.01	247.87	189.76	271.05	170.27	175.93	264.84	170.92
2026	Julio	190.38	165.77	247.87	190.76	272.19	170.78	176.67	266.08	170.92
2026	Agosto	191.1	166.53	247.87	191.77	273.33	171.29	177.42	267.31	170.92
	Septiembre	191.82	167.29	247.87	192.77	274.46	171.79	178.17	268.55	170.92
2026	Octubre	192.54	168.05	247.87	193.77	275.6	172.3	178.91	269.79	170.92
2026	Noviembre	193.26	168.81	247.87	194.78	276.73	172.8	179.66	271.02	170.92
2026	Diciembre	193.98	169.58	247.87	195.78	277.86	173.3	180.41	272.26	170.92
2027	Enero	194.7	170.34	247.87	196.78	278.99	173.8	181.15	273.5	170.92
2027	Febrero	195.42	171.1	247.87	197.79	280.12	174.31	181.9	274.73	170.92
2027	Marzo	196.13	171.86	247.87	198.79	281.25	174.81	182.65	275.97	170.92
2027	Abril	196.85	172.62	247.87	199.79	282.38	175.31	183.4	277.21	170.92
2027	Mayo	197.57	173.38	247.87	200.8	283.51	175.81	184.14	278.44	170.92
2027	Junio	198.29	174.15	247.87	201.8	284.64	176.3	184.89	279.68	170.92
2027	Julio	199.01	174.91	247.87	202.81	285.77	176.8	185.64	280.92	170.92
2027	Agosto	199.73	175.67	247.87	203.81	286.89	177.3	186.38	282.15	170.92
2027	Septiembre	200.45	176.43	247.87	204.81	288.02	177.79	187.13	283.39	170.92
2027	Octubre	201.17	177.19	247.87	205.82	289.14	178.29	187.88	284.63	170.92
2027	Noviembre	201.89	177.95	247.87	206.82	290.26	178.78	188.62	285.86	170.92
2027	Diciembre	202.61	178.72	247.87	207.82	291.38	179.28	189.37	287.1	170.92
2028	Enero	203.32	179.48	247.87	208.83	292.5	179.77	190.12	288.34	170.92
2028	Febrero	204.04	180.24	247.87	209.83	293.62	180.26	190.86	289.57	170.92
2028	Marzo	204.76	181.0	247.87	210.83	294.74	180.75	191.61	290.81	170.92
2028	Abril	205.48	181.76	247.87	211.84	295.86	181.25	192.36	292.05	170.92
2028	Mayo	206.2	182.52	247.87	212.84	296.98	181.74	193.1	293.28	170.92
2028	Junio	206.92	183.29	247.87	213.84	298.09	182.22	193.85	294.52	170.92
2028	Julio	207.64	184.05	247.87	214.85	299.21	182.71	194.6	295.76	170.92
2028	Agosto	208.36	184.81	247.87	215.85	300.32	183.2	195.34	296.99	170.92
2028	Septiembre	209.08	185.57	247.87	216.85	301.44	183.69	196.09	298.23	170.92
2028	Octubre	209.8	186.33	247.87	217.86	302.55	184.17	196.84	299.47	170.92
2028	Noviembre	210.51	187.09	247.87	218.86	303.66	184.66	197.58	300.7	170.92
2028	Diciembre	211.23	187.86	247.87	219.86	304.77	185.14	198.33	301.94	170.92
2029	Enero	211.95	188.62	247.87	220.87	305.88	185.63	199.08	303.18	170.92
2029	Febrero	212.67	189.38	247.87	221.87	306.99	186.11	199.82	304.41	170.92
	Marzo	213.39	190.14	247.87	222.87	308.1	186.59	200.57	305.65	170.92
2029	Marzo									

2029	Mayo	214.83	191.66	247.87	224.88	310.31	187.56	202.06	308.12	170.92
2029	Junio	215.55	192.43	247.87	225.88	311.42	188.04	202.81	309.36	170.92
2029	Julio	216.27	193.19	247.87	226.89	312.52	188.51	203.56	310.6	170.92
2029	Agosto	216.99	193.95	247.87	227.89	313.63	188.99	204.3	311.83	170.92
2029	Septiembre	217.7	194.71	247.87	228.89	314.73	189.47	205.05	313.07	170.92
2029	Octubre	218.42	195.47	247.87	229.9	315.83	189.95	205.8	314.31	170.92
2029	Noviembre	219.14	196.23	247.87	230.9	316.93	190.42	206.54	315.54	170.92
2029	Diciembre	219.86	197.0	247.87	231.9	318.03	190.9	207.29	316.78	170.92
2030	Enero	220.58	197.76	247.87	232.91	319.13	191.38	208.04	318.02	170.92
2030	Febrero	221.3	198.52	247.87	233.91	320.23	191.85	208.78	319.25	170.92
2030	Marzo	222.02	199.28	247.87	234.91	321.32	192.32	209.53	320.49	170.92
2030	Abril	222.74	200.04	247.87	235.92	322.42	192.8	210.28	321.73	170.92
2030	Mayo	223.46	200.8	247.87	236.92	323.52	193.27	211.02	322.96	170.92
2030	Junio	224.18	201.57	247.87	237.92	324.61	193.74	211.77	324.2	170.92
2030	Julio	224.9	202.33	247.87	238.93	325.7	194.21	212.52	325.43	170.92
2030	Agosto	225.61	203.09	247.87	239.93	326.8	194.68	213.26	326.67	170.92
2030	Septiembre	226.33	203.85	247.87	240.93	327.89	195.15	214.01	327.91	170.92
2030	Octubre	227.05	204.61	247.87	241.94	328.98	195.62	214.76	329.14	170.92
2030	Noviembre	227.77	205.37	247.87	242.94	330.07	196.08	215.5	330.38	170.92
2030	Diciembre	228.49	206.14	247.87	243.94	331.16	196.55	216.25	331.62	170.92
2031	Enero	229.21	206.9	247.87	244.95	332.25	197.02	217.0	332.85	170.92
2031	Febrero	229.93	207.66	247.87	245.95	333.34	197.48	217.74	334.09	170.92
2031	Marzo	230.65	208.42	247.87	246.95	334.42	197.95	218.49	335.33	170.92
2031	Abril	231.37	209.18	247.87	247.96	335.51	198.41	219.24	336.56	170.92
2031	Mayo	232.09	209.94	247.87	248.96	336.59	198.87	219.98	337.8	170.92
2031	Junio	232.8	210.71	247.87	249.97	337.68	199.34	220.73	339.04	170.92
2031	Julio	233.52	211.47	247.87	250.97	338.76	199.8	221.48	340.27	170.92
2031	Agosto	234.24	212.23	247.87	251.97	339.84	200.26	222.22	341.51	170.92
2031	Septiembre	234.96	212.99	247.87	252.98	340.92	200.72	222.97	342.75	170.92
2031	Octubre	235.68	213.75	247.87	253.98	342.0	201.18	223.72	343.98	170.92
2031	Noviembre	236.4	214.51	247.87	254.98	343.08	201.64	224.46	345.22	170.92
2031	Diciembre	237.12	215.28	247.87	255.99	344.16	202.1	225.21	346.46	170.92
2032	Enero	237.84	216.04	247.87	256.99	345.24	202.55	225.96	347.69	170.92
2032	Febrero	238.56	216.8	247.87	257.99	346.32	203.01	226.7	348.93	170.92
2032	Marzo	239.28	217.56	247.87	259.0	347.39	203.47	227.45	350.17	170.92

2 Gráficas

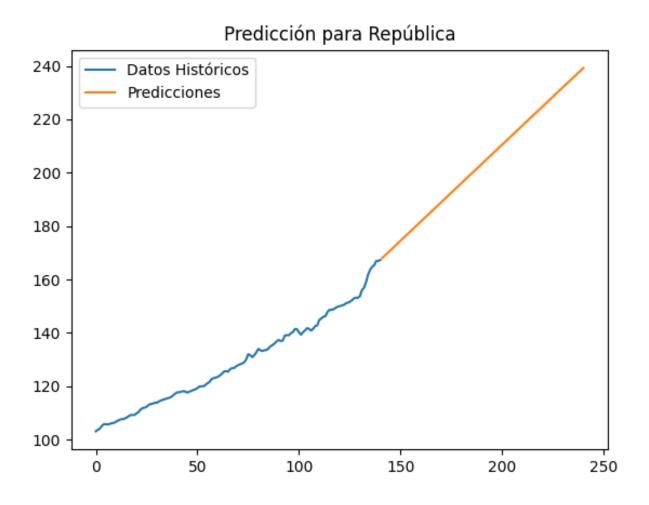


Figure 1: Gráfica de República

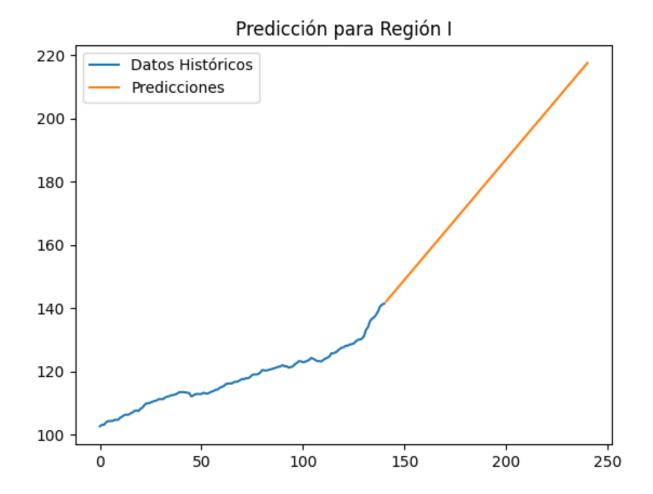


Figure 2: Gráfica de Región I

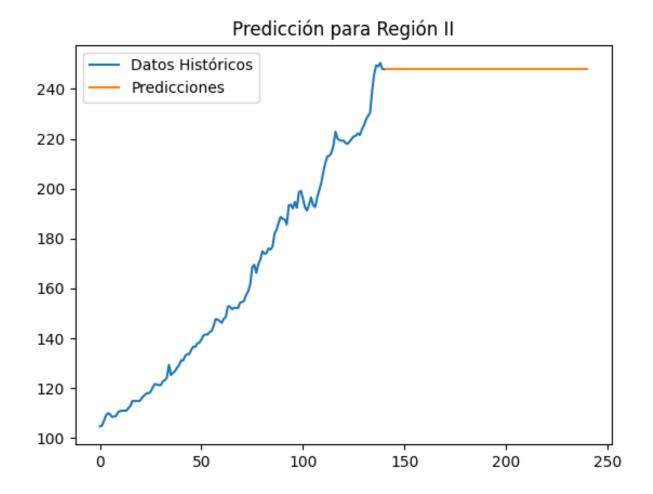


Figure 3: Gráfica de Región II

Predicción para Región III 260 -Datos Históricos Predicciones 240 220 200 -180 -160 -140 120 -100 -100 150 200 50 0 250

Figure 4: Gráfica de Región III

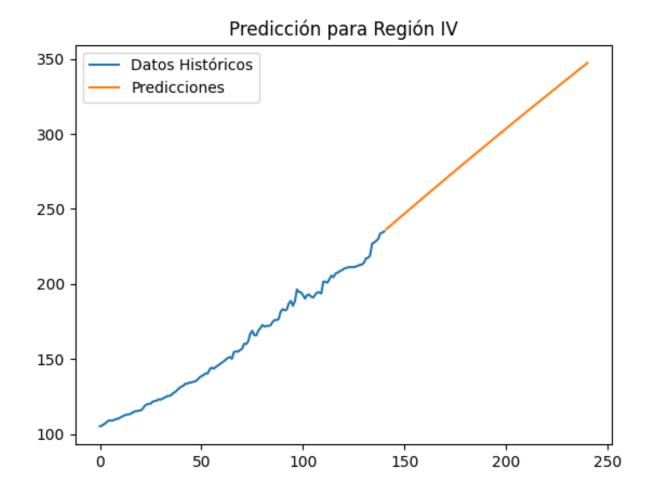


Figure 5: Gráfica de Región IV

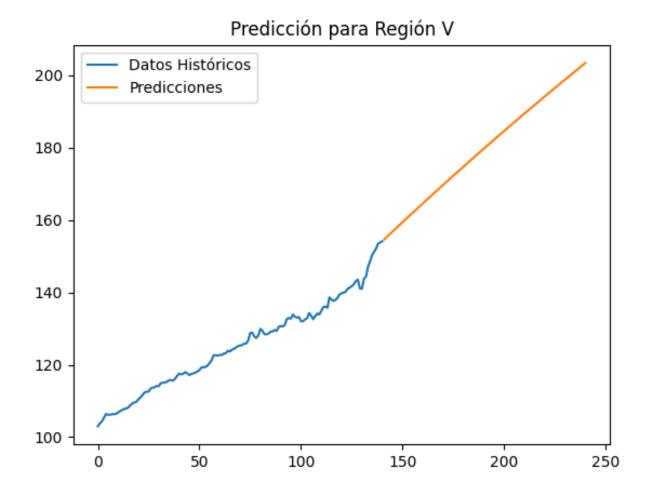


Figure 6: Gráfica de Región V

Predicción para Región VI Datos Históricos Predicciones 120 -

Figure 7: Gráfica de Región VI

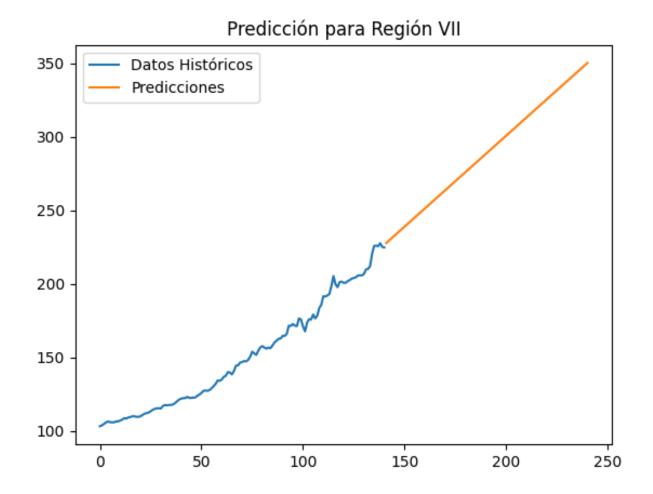


Figure 8: Gráfica de Región VII

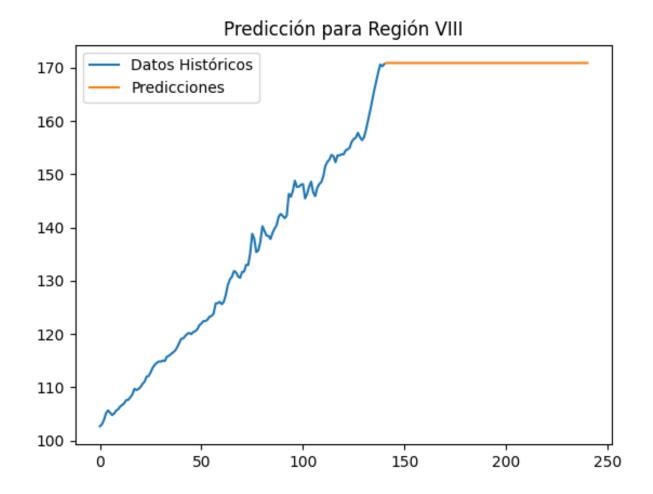


Figure 9: Gráfica de Región VIII

3 Tablas de resumen

República

		-							<u>_</u>	
			Dep. Va	riable:	R	epública	No. Observations:	141		
			Model:		ARI	MA(0, 2, 2)	2) Log Likelihood	-112.52	29	
			Date:		Wed,	22 Nov 20)23 AIC	231.05	8	
			Time:		1	11:46:03	BIC	239.86	2	
			Sample:			0	\mathbf{HQIC}	234.63	6	
						- 141				
			Covarian	ce Type	:	opg				
	\mathbf{coef}	std err	\mathbf{z}	P> z	[0.025]	0.975]	Ljung-Box (L1) (Q):	0.22	 Jarque-Bera (JB):	35.95
ma.L1	-0.5955	0.054	-11.024	0.000	-0.701	-0.490	Prob(Q):	0.64	Prob(JB):	0.00
ma.L2	-0.3488	0.066	-5.309	0.000	-0.478	-0.220	Heteroskedasticity (H):	8.32	Skew:	0.70
sigma2	0.2912	0.024	11.995	0.000	0.244	0.339	Prob(H) (two-sided):	0.00	Kurtosis:	5.06

Warnings:

Región I

		•	Dep. Va	riable:		Región I $MA(1, 2, 1)$	No. Observations: Log Likelihood	141 -50.463	- }	
			Date:		Wed,	22 Nov 20)23 AIC	106.926	3	
			Time:		•	11:46:03	\mathbf{BIC}	115.730)	
			Sample:			0	\mathbf{HQIC}	110.504	1	
						- 141				
			Covaria	nce Type	e:	opg				
	\mathbf{coef}	std err	${f z}$	$\mathbf{P} > \mathbf{z} $	[0.025]	0.975]	Ljung-Box (L1) (Q):	0.01		66.74
ar.L1	0.1670	0.114	1.466	0.143	-0.056	0.390	Prob(Q):	0.92	Prob(JB):	0.00
ma.L1	-0.8754	0.046	-19.138	0.000	-0.965	-0.786	Heteroskedasticity (H):	2.01	Skew:	0.76
sigma2	0.1200	0.011	11.065	0.000	0.099	0.141	Prob(H) (two-sided):	0.02	Kurtosis:	6.04

Warnings:

^[1] Covariance matrix calculated using the outer product of gradients (complex-step).

^[1] Covariance matrix calculated using the outer product of gradients (complex-step).

Región II

			Dep. Va	ariable:]	Región II	No. Observations:	143	1	
			Model:		ARI	IMA(0, 1,	0) Log Likelihood	-315.	550	
			Date:		Wed,	22 Nov 20	023 AIC	633.1	100	
			Time:			11:46:03	\mathbf{BIC}	636.0	041	
			Sample:			0	\mathbf{HQIC}	634.2	295	
						- 141				
			Covaria	nce Type	e:	opg				
		-					Ljung-Box (L1) (Q):	1.52	Jarque-Bera (JB):	39.84
	\mathbf{coef}	std err	${f z}$	$\mathbf{P} > \mathbf{z} $	[0.025	0.975]	Prob(Q):	0.22	Prob(JB):	0.00
sigma2	5.3121	0.434	12.232	0.000	4.461	6.163	Heteroskedasticity (H)	4.17	Skew:	0.79
							Prob(H) (two-sided):	0.00	Kurtosis:	5.08

Warnings:

[1] Covariance matrix calculated using the outer product of gradients (complex-step).

Región III

			Dep. Von Model: Date: Time:	ariable:	AR	Región III IMA(1, 2, 2 , 22 Nov 20 11:46:03	,	141 -81.42 170.84 182.58	.2	
			Sample	:		0	HQIC	175.61		
			Covaria	nce Typ	e:	- 141 opg				
	coef	std err	${f z}$	$\mathbf{P} > \mathbf{z} $	[0.025]	0.975]	Ljung-Box (L1) (Q):	0.29	Jarque-Bera (JB):	250.41
ar.L1	-0.8515	0.091	-9.401	0.000	-1.029	-0.674	Prob(Q):	0.29 0.59	Prob(JB):	0.00
ma.L1	0.0990	0.065	1.520	0.128	-0.029	0.227	Heteroskedasticity (H):	4.45	Skew:	1.25
$egin{array}{l} ext{ma.L2} \ ext{sigma2} \end{array}$	-0.8021 0.1870	$0.065 \\ 0.013$	-12.354 14.447	0.000 0.000	-0.929 0.162	-0.675 0.212 -	Prob(H) (two-sided):	0.00	Kurtosis:	9.08

Warnings:

[1] Covariance matrix calculated using the outer product of gradients (complex-step).

Región IV

			Dep. V	ariable:		Región IV	No. Observations:	141		
			Model:		AR	AIMA(3, 1,	2) Log Likelihood	-260.3	19	
			Date:		Wed	l, 22 Nov 2	2023 AIC	532.63	38	
			Time:			11:46:04	\mathbf{BIC}	550.28	87	
			Sample	:		0	\mathbf{HQIC}	539.8	10	
			_			- 141	•			
			Covaria	ance Typ	oe:	opg				
	\mathbf{coef}	std err	\mathbf{z}	$\mathbf{P} > \mathbf{z} $	[0.025]	0.975]				
ar.L1	0.7888	0.186	4.232	0.000	0.423	1.154	Ljung-Box (L1) (Q):	0.02	Jarque-Bera (JB):	214.32
ar.L2	-0.1427	0.192	-0.745	0.456	-0.518	0.233	Prob(Q):	0.88	Prob(JB):	0.00
ar.L3	0.3527	0.062	5.730	0.000	0.232	0.473	Heteroskedasticity (H):	16.90	Skew:	1.30
ma.L1	-0.8338	0.177	-4.700	0.000	-1.182	-0.486	Prob(H) (two-sided):	0.00	Kurtosis:	8.48
ma.L2	-0.1261	0.175	-0.721	0.471	-0.469	0.217	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
$\mathbf{sigma2}$	2.3675	0.200	11.811	0.000	1.975	2.760				

Warnings:

[1] Covariance matrix calculated using the outer product of gradients (complex-step).

Región V

gion v										
		•	Dep. Va	riable:	R	egión V	No. Observations:	141		
			Model:		ARII	MA(1, 1, 1)) Log Likelihood	-148.04	12	
			Date:		Wed,	22 Nov 20	23 AIC	302.08	3	
			Time:		1	1:46:04	BIC	310.90	8	
			Sample:			0	\mathbf{HQIC}	305.66	9	
						- 141				
			Covarian	ce Type	:	opg				
	\mathbf{coef}	std err	${f z}$	$\mathbf{P} > \mathbf{z} $	[0.025]	0.975]	Ljung-Box (L1) (Q):	0.96	Jarque-Bera (JB):	92.34
ar.L1	0.9984	0.005	201.347	0.000	0.989	1.008	Prob(Q):	0.33	Prob(JB):	0.00
ma.L1	-0.9637	0.041	-23.378	0.000	-1.045	-0.883	Heteroskedasticity (H):	7.40	Skew:	0.48
sigma2	0.4789	0.035	13.650	0.000	0.410	0.548	Prob(H) (two-sided):	0.00	Kurtosis:	6.86

Warnings:

[1] Covariance matrix calculated using the outer product of gradients (complex-step).

Región VI

		-								
			Dep. Va	riable:	R	egión VI	No. Observations:	141		
			Model:		ARI	MA(0, 2, 1)	l) Log Likelihood	-137.84	.9	
			Date:		Wed,	22 Nov 20)23 AIC	279.69	8	
			Time:			11:46:04	BIC	285.56	7	
			Sample:			0	HQIC	282.08	3	
			•			- 141	-			
			Covarian	ce Type	:	opg				
	coef	m std~err	\mathbf{z}	$\mathbf{P}> \mathbf{z} $	[0.025	0.975]	Ljung-Box (L1) (Q):	0.95	Jarque-Bera (JB):	36.47
					-		Prob(Q):	0.33	Prob(JB):	0.00
ma.L1	-0.9335	0.029	-32.656	0.000	-0.990	-0.877	Heteroskedasticity (H):	6.78	Skew:	0.74
$\mathbf{sigma2}$	0.4193	0.035	11.926	0.000	0.350	0.488	Prob(H) (two-sided):	0.00	Kurtosis:	5.02

Warnings:

[1] Covariance matrix calculated using the outer product of gradients (complex-step).

Región VII

O										
			Dep. Va	riable:	R	egión VII	No. Observations:	141		
			Model:		ARI	MA(0, 2,	3) Log Likelihood	-276.72	4	
			Date:		Wed,	22 Nov 2	023 AIC	561.449)	
			Time:			11:46:04	\mathbf{BIC}	573.187	7	
			Sample:			0	\mathbf{HQIC}	566.219)	
						- 141				
			Covaria	nce Type	e :	opg				
	\mathbf{coef}	std err	\mathbf{z}	P> z	[0.025]	0.975]	I: D /I1) /O).	0.25		20.45
ma.L1	-0.7475	0.053	-14.173	0.000	-0.851	-0.644	Ljung-Box (L1) (Q): $Prob(Q):$	$0.35 \\ 0.55$	Jarque-Bera (JB): Prob(JB):	$39.45 \\ 0.00$
ma.L2	-0.6334	0.061	-10.370	0.000	-0.753	-0.514	Heteroskedasticity (H):	20.73	Skew:	0.38
ma.L3	0.4112	0.056	7.281	0.000	0.300	0.522	Prob(H) (two-sided):	0.00	Kurtosis:	5.49
sigma2	3.0592	0.251	12.188	0.000	2.567	3.551			II di tobio:	

Warnings:

[1] Covariance matrix calculated using the outer product of gradients (complex-step).

Región VIII

			Dep. Va Model: Date: Time:		$\begin{array}{c} \text{ARI} \\ \text{Wed}, \end{array}$	egión VIII MA(2, 1, 0 22 Nov 20 11:46:04	23 AIC BIC	141 -196.4 398.91 407.74	19 14	
			Sample:			0	HQIC	402.50	96	
			Covaria	ico Type	·•	- 141				
	0	_				opg				
	coef	std err	Z	$\mathbf{P} > \mathbf{z} $	[0.025]	0.975]	Ljung-Box (L1) (Q):	2.16	Jarque-Bera (JB):	34.82
ar.L1	0.3612	0.057	6.293	0.000	0.249	0.474	Prob(Q):	0.14	Prob(JB):	0.00
ar.L2	-0.0747	0.070	-1.070	0.285	-0.211	0.062	Heteroskedasticity (H):	6.20	Skew:	-0.14
sigma2	0.9683	0.088	11.004	0.000	0.796	1.141	Prob(H) (two-sided):	0.00	Kurtosis:	5.43

Warnings:

^[1] Covariance matrix calculated using the outer product of gradients (complex-step).