

**ANEXO DE FIGURAS Y CUADROS NO PUBLICABLE**CUADRO A0. Valor de  $\theta$  por Grupo de ProvinciasGrupo de Tratamiento (Al menos un  $\theta > 0.01$  en los Tres Trimestres)

Ubigeo	Departamento	Provincia	T2	T3	T4	Promedio
010100	AMAZONAS	CHACHAPOYAS	0.006	0.021	0.009	0.012
010200		BAGUA	0.013	0.086	0.011	0.037
010700		UTCUBAMBA	0.006	0.018	0.005	0.010
020100	ANCASH	HUARAZ	0.008	0.025	0.010	0.014
021800		SANTA	0.012	0.013	0.009	0.011
030100	APURIMAC	ABANCAY	0.003	0.020	0.012	0.011
040100	AREQUIPA	AREQUIPA	0.006	0.030	0.004	0.013
040200		CAMANA	0.002	0.023	0.011	0.012
040500		CAYLLOMA	0.002	0.018	0.004	0.008
040700		ISLAY	0.004	0.031	0.003	0.013
050100	AYACUCHO	HUAMANGA	0.005	0.026	0.006	0.012
050400		HUANTA	0.001	0.011	0.006	0.006
060100	CAJAMARCA	CAJAMARCA	0.002	0.018	0.004	0.008
060800		JAEN	0.005	0.031	0.005	0.014
060900		SAN IGNACIO	0.000	0.014	0.003	0.006
070100	CALLAO	CALLAO	0.017	0.015	0.008	0.013
080100	CUSCO	CUSCO	0.003	0.039	0.007	0.017
080900		LA CONVENCION	0.002	0.015	0.005	0.008
090100	HUANCAVELICA	HUANCAVELICA	0.002	0.021	0.003	0.009
090300		ANGARAES	0.002	0.011	0.003	0.005
100100	HUANUCO	HUANUCO	0.004	0.026	0.006	0.012
110100	ICA	ICA	0.009	0.031	0.004	0.015
110200		CHINCHA	0.008	0.014	0.002	0.008
110500		PISCO	0.011	0.027	0.003	0.013
120100	JUNIN	HUANCAYO	0.004	0.016	0.005	0.008
120300		CHANCHAMAYO	0.004	0.010	0.007	0.007
130100	LA LIBERTAD	TRUJILLO	0.008	0.014	0.005	0.009
140100	LAMBAYEQUE	CHICLAYO	0.011	0.009	0.006	0.009
140200		FERREÑAFE	0.013	0.014	0.006	0.011

Los "spillovers" del COVID-19 sobre el empleo y el ingreso en Perú

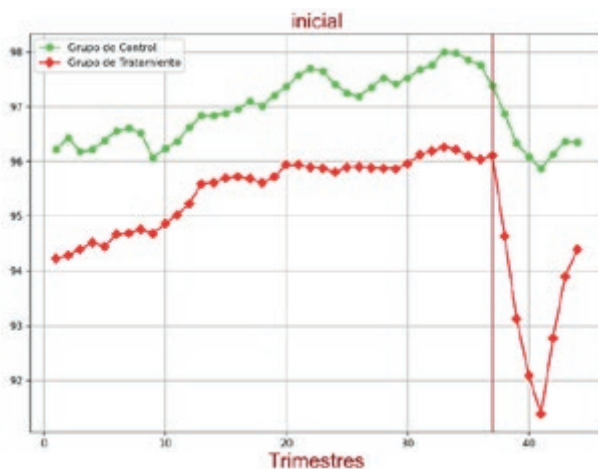
Mario Delfin Tello Pacheco

150100	LIMA	ATE	0.016	0.019	0.007	0.014
150200		BARRANCA	0.007	0.027	0.006	0.013
150500		CAÑETE	0.013	0.012	0.001	0.008
150600		HUARAL	0.014	0.018	0.004	0.012
150800		HUAURA	0.011	0.021	0.004	0.012
160100	LORETO	MAYNAS	0.011	0.007	0.003	0.007
160400		MARISCAL RAMON CASTILLA	0.004	0.011	0.004	0.006
170100	MADRE DE DIOS	TAMBOPATA	0.016	0.046	0.007	0.023
170200		MANU	0.001	0.021	0.004	0.009
180100	MOQUEGUA	MARISCAL NIETO	0.005	0.085	0.015	0.035
180200		GENERAL SANCHEZ CERRO	0.002	0.016	0.002	0.006
180300		ILO	0.007	0.051	0.019	0.026
190100	PASCO	PASCO	0.004	0.014	0.004	0.007
200100	PIURA	PIURA	0.012	0.012	0.005	0.009
200600		SULLANA	0.015	0.011	0.004	0.010
200700		TALARA	0.014	0.013	0.005	0.011
210100	PUNO	PUNO	0.001	0.024	0.005	0.010
211100		SAN ROMAN	0.001	0.013	0.003	0.006
220100	SAN MARTIN	MOYOBAMBA	0.006	0.017	0.006	0.010
220200		BELLAVISTA	0.003	0.011	0.005	0.006
220500		LAMAS	0.003	0.011	0.006	0.006
220600		MARISCAL CACERES	0.007	0.020	0.006	0.011
220900		SAN MARTIN	0.015	0.023	0.011	0.017
221000		TOCACHE	0.004	0.014	0.009	0.009
230100	TACNA	TACNA	0.003	0.032	0.007	0.014
230300		JORGE BASADRE	0.001	0.031	0.002	0.012
240100	TUMBES	TUMBES	0.017	0.025	0.009	0.017
240300		ZARUMILLA	0.006	0.010	0.004	0.007
250100	UCAYALI	CORONEL PORTILLO	0.017	0.017	0.006	0.013
250300		PADRE ABAD	0.007	0.011	0.004	0.007
Grupo de Control ( $\theta \leq 0.01$ , en todos los Trimestres)						
Ubigeo	Departamento	Provincia	T2	T3	T4	Promedio
010500	AMAZONAS	LUYA	0.002	0.004	0.001	0.002

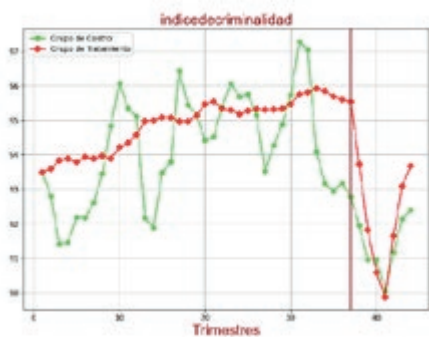
030200	APURIMAC	ANDAHUAYLAS	0.001	0.006	0.004	0.003
030400		AYMARAES	0.001	0.003	0.002	0.002
040400	AREQUIPA	CASTILLA	0.002	0.008	0.002	0.004
050500	AYACUCHO	LA MAR	0.001	0.006	0.004	0.004
050600		LUCANAS	0.002	0.009	0.004	0.005
060400	CAJAMARCA	CHOTA	0.001	0.005	0.002	0.002
060600		CUTERVO	0.001	0.003	0.003	0.002
080600	CUSCO	CANCHIS	0.000	0.006	0.002	0.003
080700		CHUMBIVILCAS	0.000	0.001	0.001	0.001
080800		ESPINAR	0.001	0.002	0.006	0.003
081200		QUISPICANCHI	0.000	0.006	0.001	0.002
090200	HUANCAVELICA	ACOBAMBA	0.003	0.006	0.002	0.004
090700		TAYACAJA	0.001	0.006	0.002	0.003
100200	HUANUCO	AMBO	0.001	0.004	0.002	0.002
100600		LEONCIO PRADO	0.001	0.009	0.002	0.004
120700	JUNIN	TARMA	0.001	0.007	0.003	0.004
130200	LA LIBERTAD	ASCOPE	0.003	0.009	0.001	0.004
130900		SANCHEZ CARRION	0.001	0.008	0.002	0.004
140300	LAMBAYEQUE	LAMBAYEQUE	0.009	0.009	0.002	0.007
160200	LORETO	ALTO AMAZONAS	0.008	0.008	0.002	0.006
160500		REQUENA	0.004	0.010	0.008	0.007
160600		UCAYALI	0.004	0.004	0.001	0.003
190200	PASCO	DANIEL ALCIDES CARRION	0.001	0.007	0.002	0.003
190300		OXAPAMPA	0.005	0.010	0.007	0.007
200200	PIURA	AYABACA	0.002	0.007	0.002	0.004
200300		HUANCABAMBA	0.001	0.003	0.000	0.001
200400		MORROPON	0.003	0.006	0.002	0.004
211000	PUNO	SAN ANTONIO DE PUTINA	0.000	0.003	0.002	0.002
220800	SAN MARTIN	RIOJA	0.002	0.007	0.006	0.005
250200	UCAYALI	ATALAYA	0.000	0.008	0.003	0.004

**Fuente:** MINSA (2022). Elaboración propia.

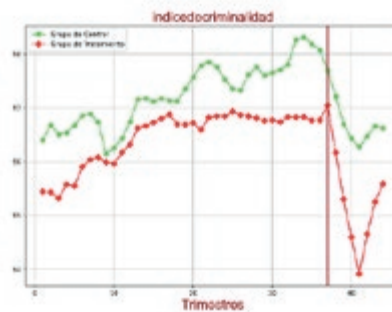
Figura A1. PEAO en la Muestra de 90 Provincias (Tratadas, PT, y de Control, PC) 2011-2021



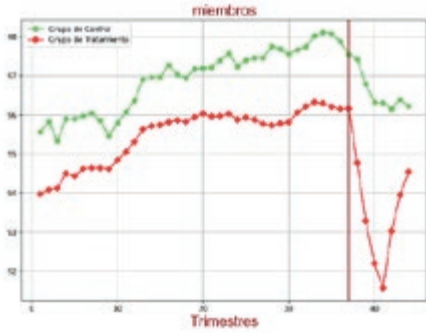
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Tasas de Delincuencia o Criminalidad  
Mayores al Promedio del 2019



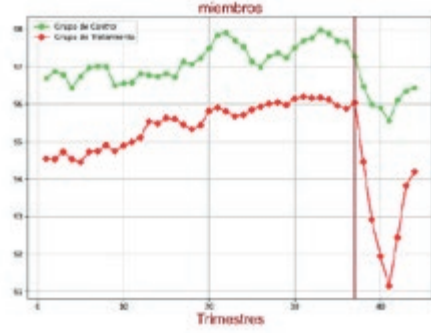
PEAO Promedio de las PT y de las PC con  
Tasas de Delincuencia o Criminalidad  
Menores al Promedio del 2019



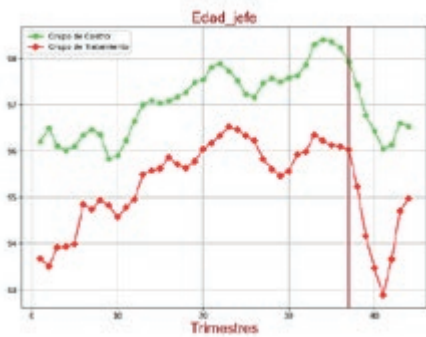
PEAO Promedio de las PT y de las PC con Densidad del Número de Miembros mayores al Promedio del 2019 de dicha Densidad



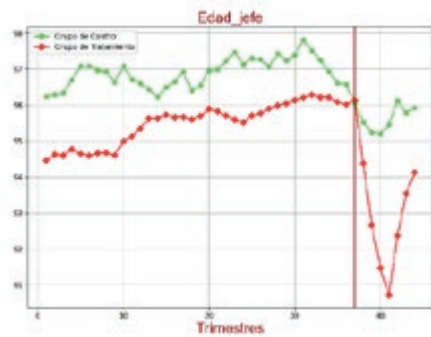
PEAO Promedio de las PT y de las PC con Densidad del Número de Miembros menores al Promedio del 2019 de dicha Densidad



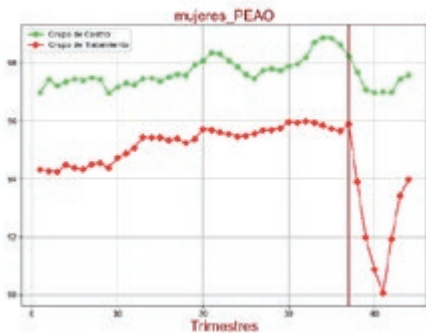
PEAO Promedio de las PT y de las PC con Densidad del Número de Miembros menores al Promedio de Edad del jefe del hogar del 2019



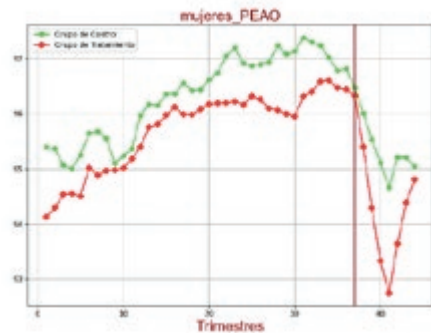
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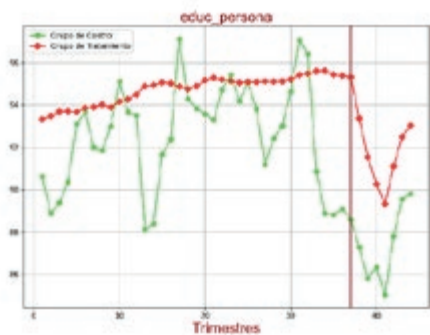
PEAO Promedio de las PT y de las PC con el Porcentaje de miembros mujeres del hogar entre 15-65 años mayores que el promedio de este porcentaje del 2019



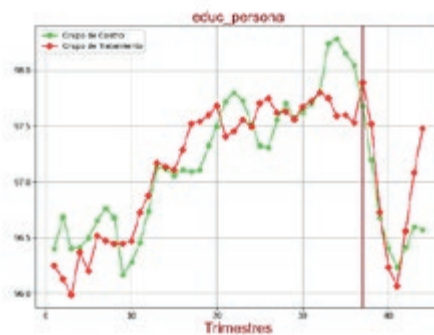
PEAO Promedio de las PT y de las PC con el Porcentaje de miembros mujeres del hogar entre 15-65 años menores que el promedio de este porcentaje del 2019



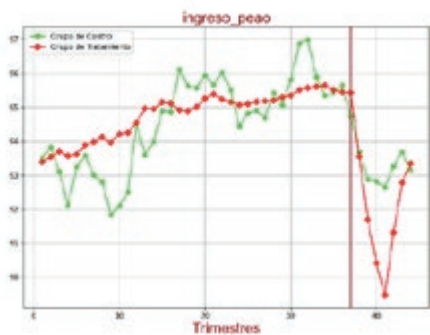
PEAO Promedio de las PT y de las PC con nivel educativo mayores al promedio de dichas provincias del 2019



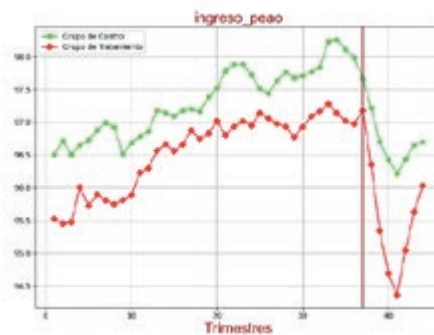
PEAO Promedio de las PT y de las PC con nivel educativo menores al promedio de dichas provincias del 2019



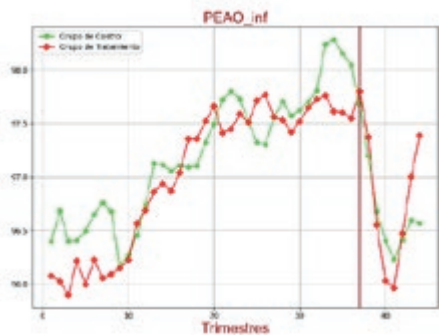
PEAO Promedio de las PT y de las PC con ingreso real mayor al promedio de dichos ingresos para las 89 provincias del 2019



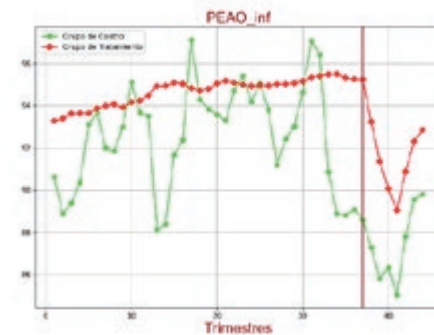
PEAO Promedio de las PT y de las PC con ingreso real menor al promedio de dichos ingresos para las 89 provincias del 2019



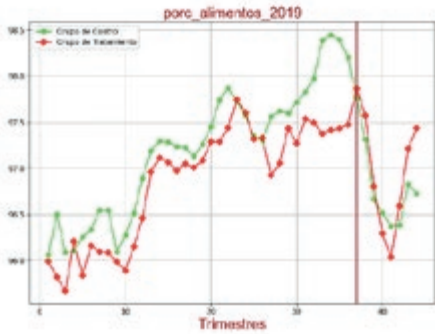
PEAO Promedio de las PT y de las PC con tasas de informalidad mayores al promedio de dicha tasa del 2019



PEAO Promedio de las PT y de las PC con tasas de informalidad menores al promedio de dicha tasa del 2019



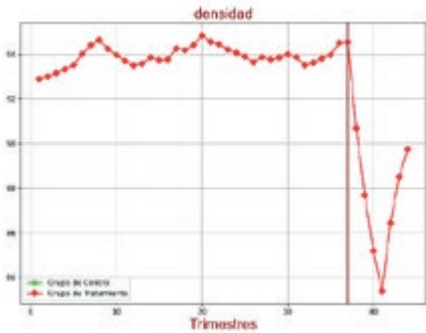
PEAO Promedio de las PT y de las PC con porcentaje del gasto de consumo de alimentos mayor al promedio de dicho porcentaje del 2019 para ambas provincias



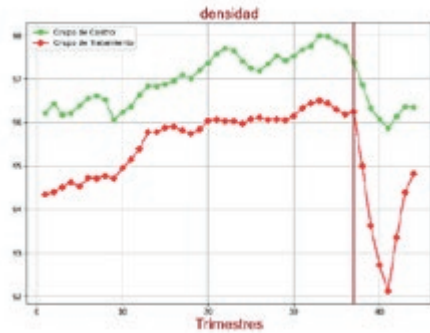
PEAO Promedio de las PT y de las PC con porcentaje del gasto de consumo de alimentos menor al promedio de dicho porcentaje del 2019 para ambas provincias



PEAO Promedio de las PT y de las PC con densidad geográfica mayor al promedio de dicha densidad del 2019 para ambas provincias

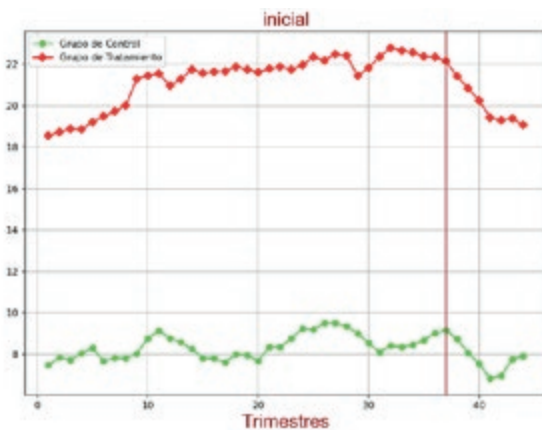


PEAO Promedio de las PT y de las PC con densidad geográfica menor al promedio de dicha densidad del 2019 para ambas provincias



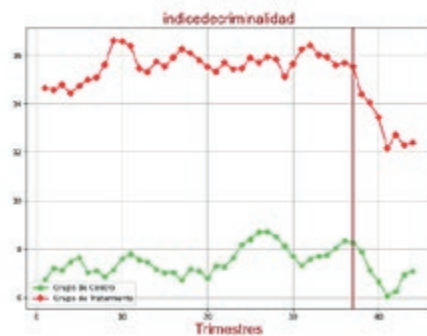
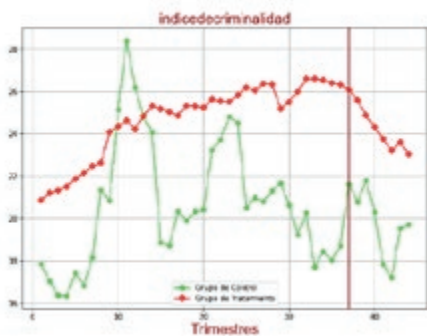
Fuente: INEI-ENAO (2022). INEI (2022). Elaboración propia.

Figura A2. PEAO formal en la Muestra de 90 Provincias (Tratadas, PT, y de Control, PC) 2011-2021



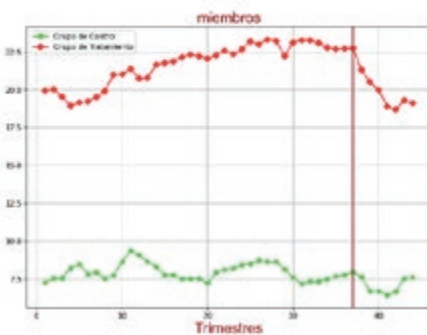
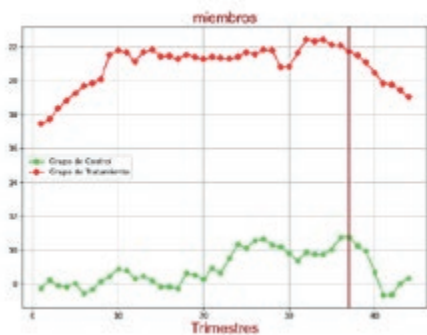
PEAO formal Promedio de las PT y de las PC con Tasas de Delincuencia o Criminalidad Mayores al Promedio del 2019

PEAO formal Promedio de las PT y de las PC con Tasas de Delincuencia o Criminalidad Menores al Promedio del 2019



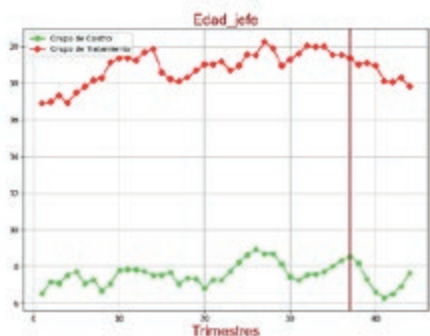
PEAO formal Promedio de las PT y de las PC con Densidad del Número de Miembros mayores al Promedio del 2019 de dicha Densidad

PEAO formal Promedio de las PT y de las PC con Densidad del Número de Miembros menores al Promedio del 2019 de dicha Densidad

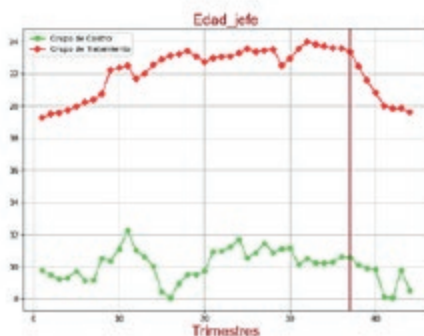




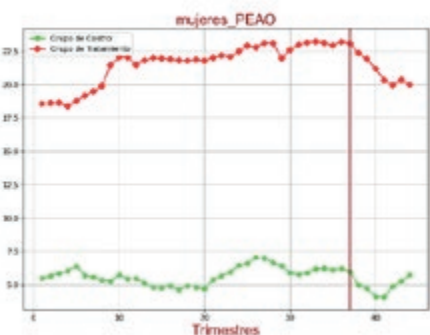
PEAO formal Promedio de las PT y de las PC con Densidad del Número de Miembros mayores al Promedio de Edad del jefe del hogar del 2019



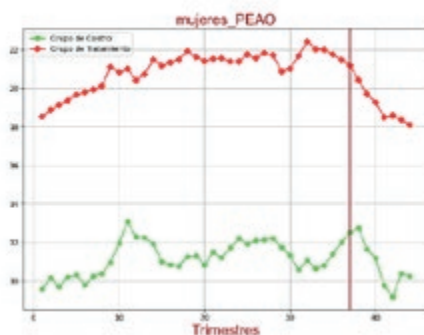
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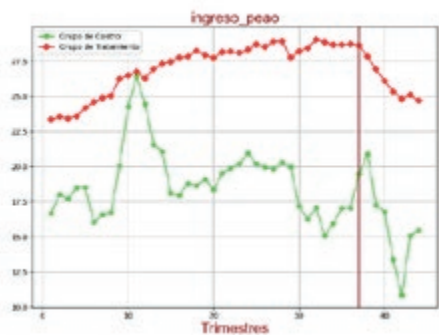
PEAO formal Promedio de las PT y de las PC con el Porcentaje de miembros mujeres del hogar entre 15-65 años mayores que el promedio de este porcentaje del 2019



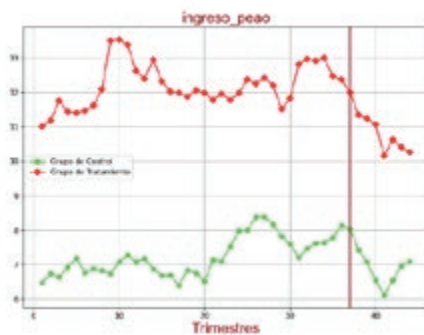
PEAO formal Promedio de las PT y de las PC con el Porcentaje de miembros mujeres del hogar entre 15-65 años menores que el promedio de este porcentaje del 2019



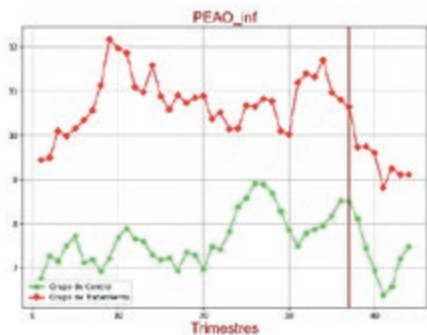
PEAO formal Promedio de las PT y de las PC con ingreso real mayor al promedio de dichos ingresos para las 89 provincias del 2019



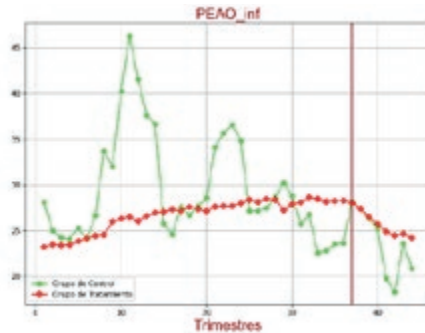
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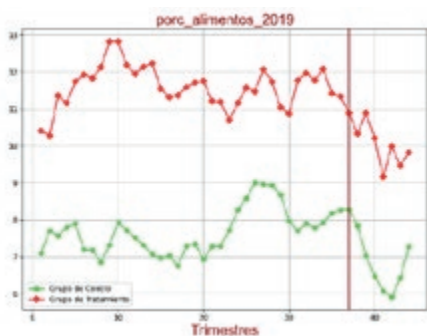
PEAO formal Promedio de las PT y de las PC con tasas de informalidad mayores al promedio de dicha tasa del 2019



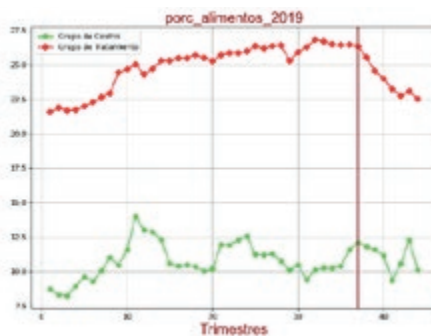
PEAO formal Promedio de las PT y de las PC con tasas de informalidad menores al promedio de dicha tasa del 2019



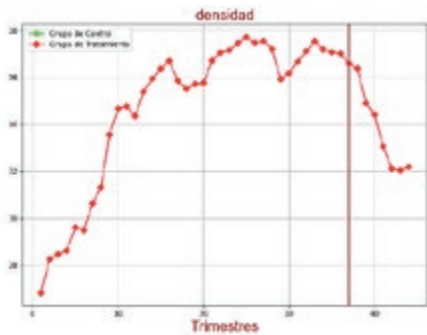
PEAO formal Promedio de las PT y de las PC con porcentaje del gasto de consumo de alimentos mayor al promedio de dicho porcentaje del 2019 para ambas provincias



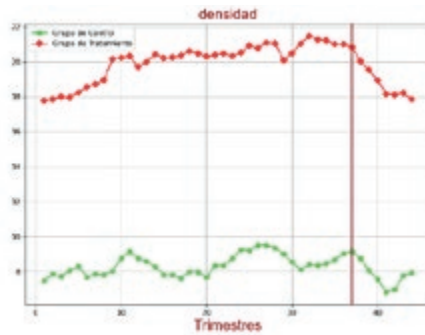
PEAO formal Promedio de las PT y de las PC con porcentaje del gasto de consumo de alimentos menor al promedio de dicho porcentaje del 2019 para ambas provincias



PEAO formal Promedio de las PT y de las PC con densidad geográfica mayor al promedio de dicha densidad del 2019 para ambas provincias

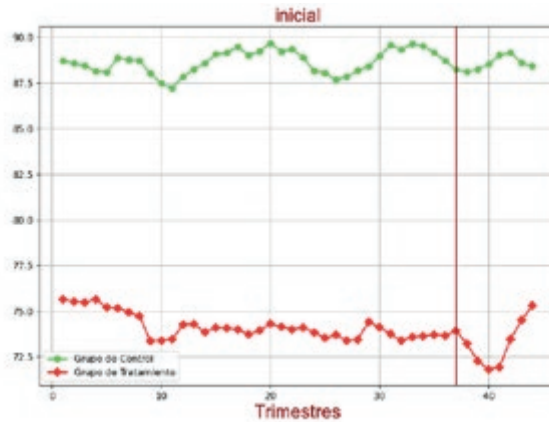


PEAO formal Promedio de las PT y de las PC con densidad geográfica menor al promedio de dicha densidad del 2019 para ambas provincias



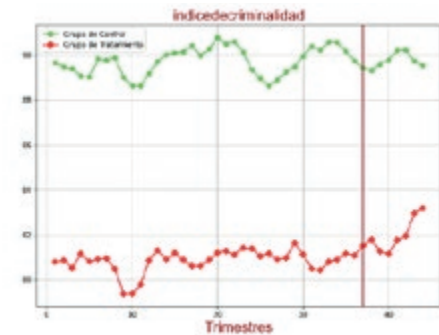
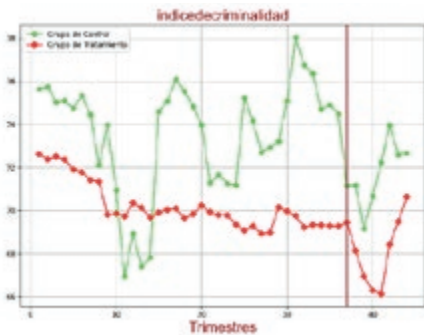
Fuente: INEI-ENAH0 (2022). INEI (2022). Elaboración propia

**Figura A3. PEAO informal en la Muestra de 90 Provincias (Tratadas, PT, y de Control, PC) 2011-2021**



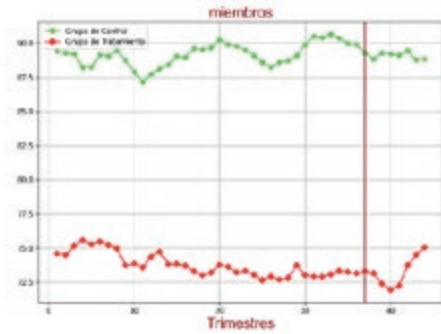
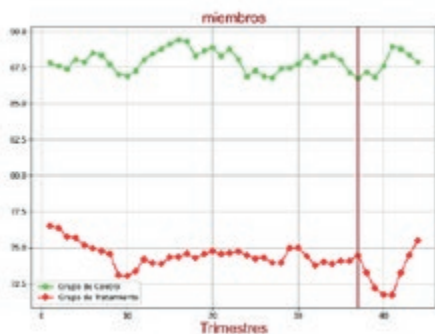
PEAO informal Promedio de las PT y de las PC con Tasas de Delincuencia o Criminalidad Mayores al Promedio del 2019

PEAO informal Promedio de las PT y de las PC con Tasas de Delincuencia o Criminalidad Menores al Promedio del 2019

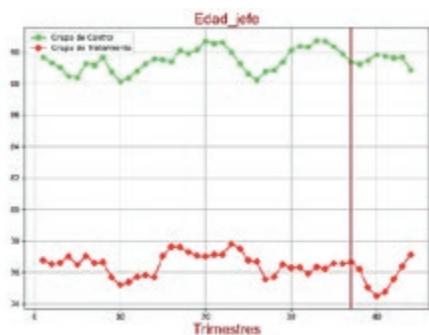


PEAO informal Promedio de las PT y de las PC con Densidad del Número de Miembros mayores al Promedio del 2019 de dicha Densidad

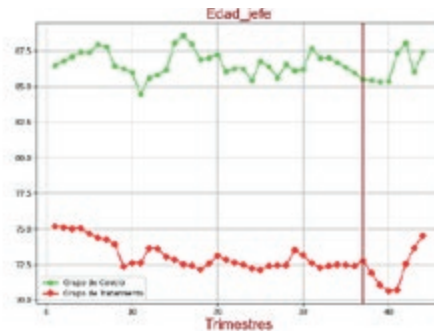
PEAO informal Promedio de las PT y de las PC con Densidad del Número de Miembros menores al Promedio del 2019 de dicha Densidad



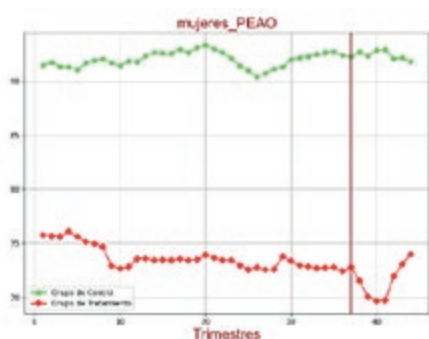
PEAO informal Promedio de las PT y de las PC con Densidad del Número de Miembros mayores al Promedio de Edad del jefe del hogar del 2019



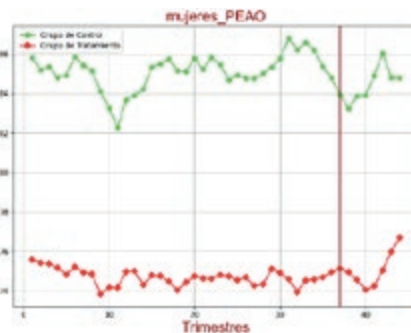
PEAO informal Promedio de las PT y de las PC con Densidad del Número de Miembros menores al Promedio de Edad del jefe del hogar del 2019



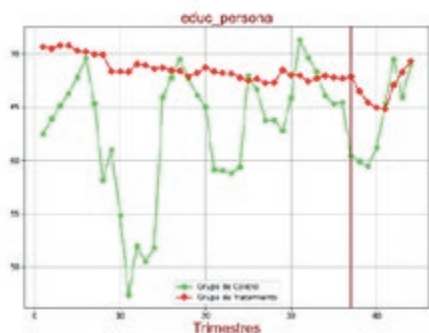
PEAO informal Promedio de las PT y de las PC con el Porcentaje de miembros mujeres del hogar entre 15-65 años mayores que el promedio de este porcentaje del 2019



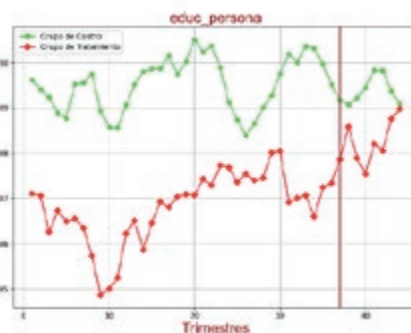
PEAO informal Promedio de las PT y de las PC con el Porcentaje de miembros mujeres del hogar entre 15-65 años menores que el promedio de este porcentaje del 2019



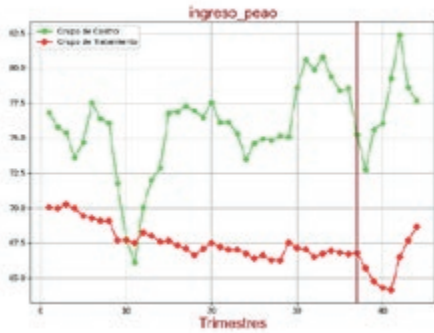
PEAO informal Promedio de las PT y de las PC con nivel educativo mayores al promedio de dichas provincias del 2019



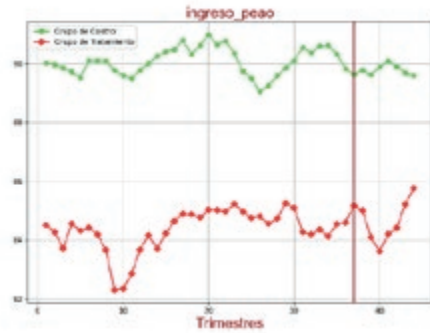
PEAO informal Promedio de las PT y de las PC con nivel educativo menores al promedio de dichas provincias del 2019



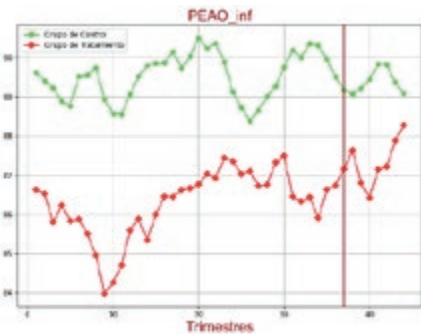
PEAO informal Promedio de las PT y de las PC con ingreso real mayor al promedio de dichos ingresos para las 89 provincias del 2019



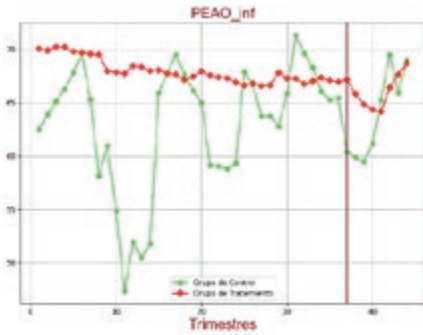
PEAO informal Promedio de las PT y de las PC con ingreso real menor al promedio de dichos ingresos para las 89 provincias del 2019



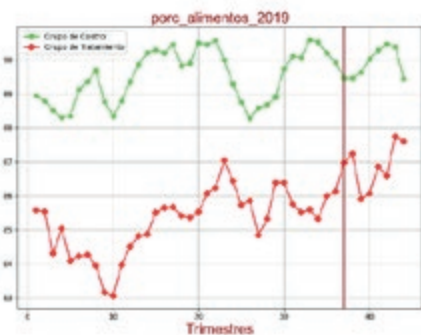
PEAO informal Promedio de las PT y de las PC con tasas de informalidad mayores al promedio de dicha tasa del 2019



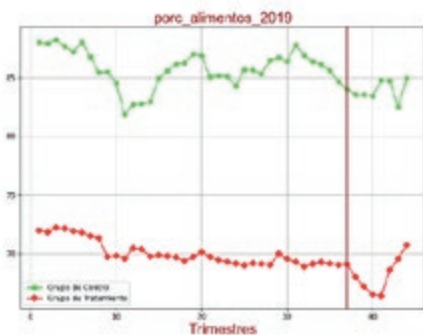
PEAO informal Promedio de las PT y de las PC con tasas de informalidad menores al promedio de dicha tasa del 2019



PEAO informal Promedio de las PT y de las PC con porcentaje del gasto de consumo de alimentos mayor al promedio de dicho porcentaje del 2019 para ambas provincias

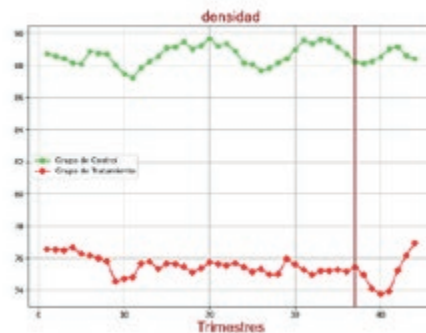
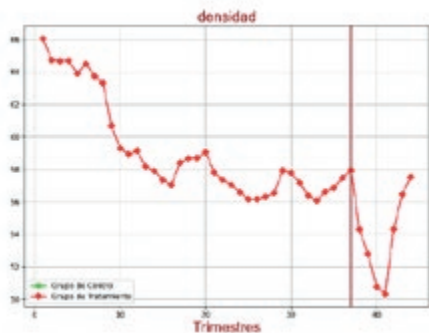


PEAO informal Promedio de las PT y de las PC con porcentaje del gasto de consumo de alimentos menor al promedio de dicho porcentaje del 2019 para ambas provincias



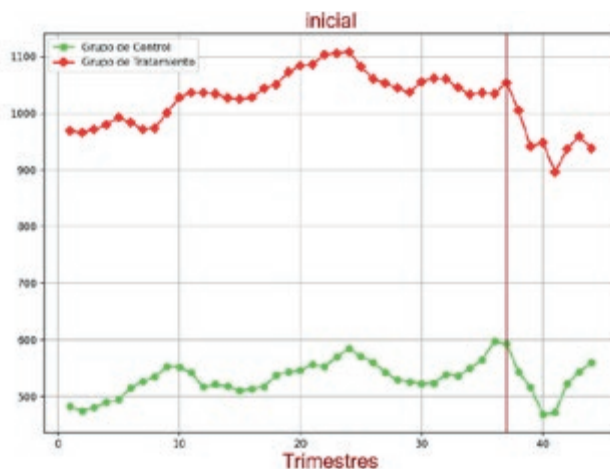
PEAO informal Promedio de las PT y de las PC con densidad geográfica mayor al promedio de dicha densidad del 2019 para ambas provincias

PEAO informal Promedio de las PT y de las PC con densidad geográfica menor al promedio de dicha densidad del 2019 para ambas provincias

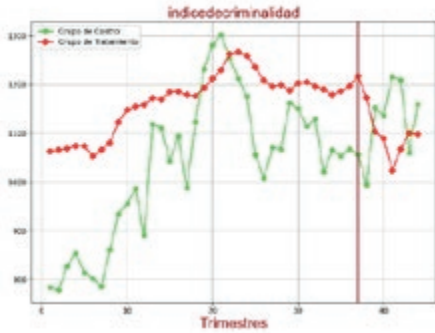


Fuente: INEI-ENAH0 (2022). INEI (2022). Elaboración propia.

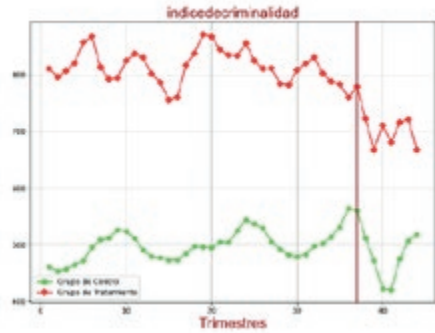
**Figura A4. Ingreso Real en la Muestra de 90 Provincias (Tratadas, PT, y de Control, PC) 2011-2021**



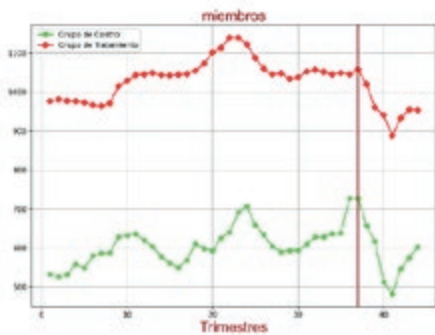
Ingreso Real Promedio de las PT y de las PC con Tasas de Delincuencia o Criminalidad Mayores al Promedio del 2019



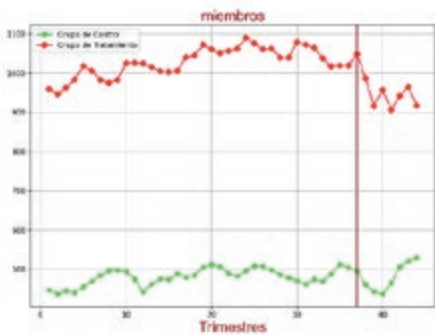
Ingreso Real Promedio de las PT y de las PC con Tasas de Delincuencia o Criminalidad Menores al Promedio del 2019



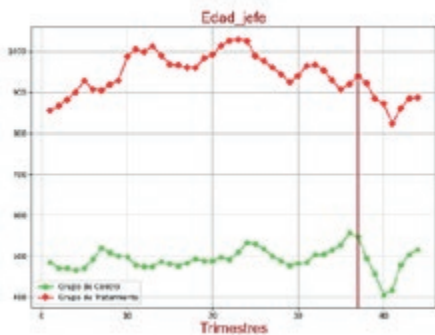
Ingreso Real Promedio de las PT y de las PC con Densidad del Número de Miembros mayores al Promedio del 2019 de dicha Densidad



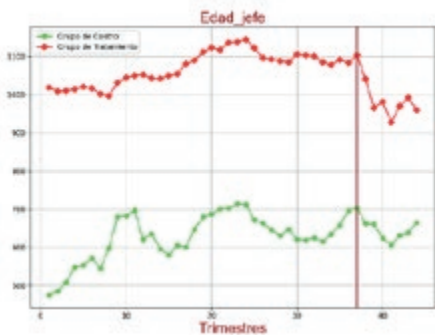
Ingreso Real Promedio de las PT y de las PC con Densidad del Número de Miembros menores al Promedio del 2019 de dicha Densidad



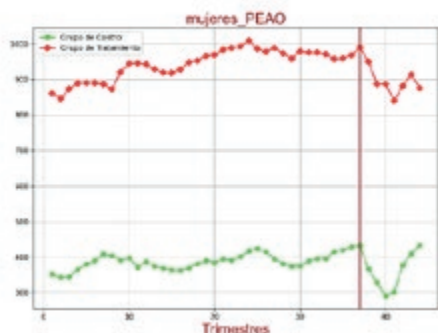
Ingreso Real Promedio de las PT y de las PC con Densidad del Número de Miembros mayores al Promedio de Edad del jefe del hogar del 2019



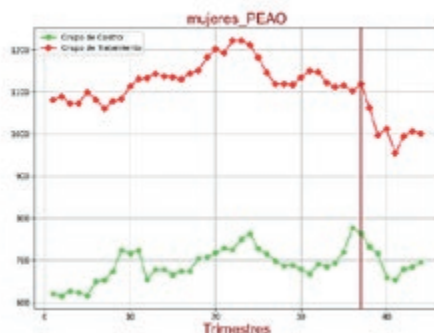
Ingreso Real Promedio de las PT y de las PC con Densidad del Número de Miembros menores al Promedio de Edad del jefe del hogar del 2019



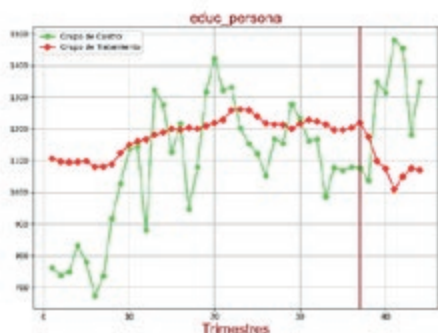
Ingreso Real Promedio de las PT y de las PC con el Porcentaje de miembros mujeres del hogar entre 15-65 años mayores que el promedio de este porcentaje del 2019



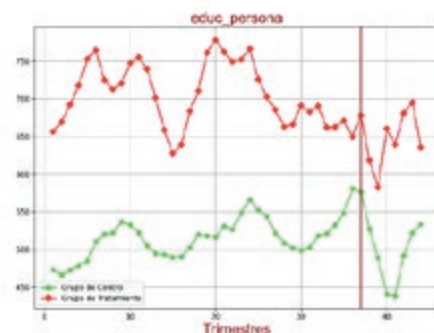
Ingreso Real Promedio de las PT y de las PC con el Porcentaje de miembros mujeres del hogar entre 15-65 años menores que el promedio de este porcentaje del 2019



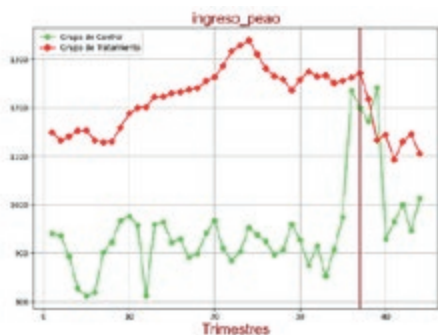
Ingreso Real Promedio de las PT y de las PC con nivel educativo mayores al promedio de dichas provincias del 2019



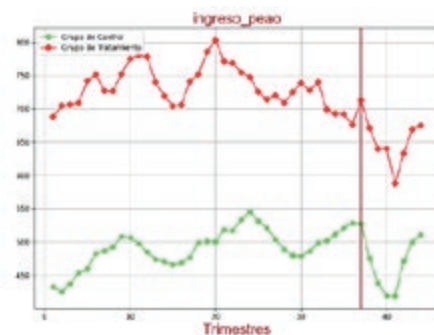
Ingreso Real Promedio de las PT y de las PC con nivel educativo menores al promedio de dichas provincias del 2019



Ingreso Real Promedio de las PT y de las PC con ingreso real mayor al promedio de dichos ingresos para las 89 provincias del 2019

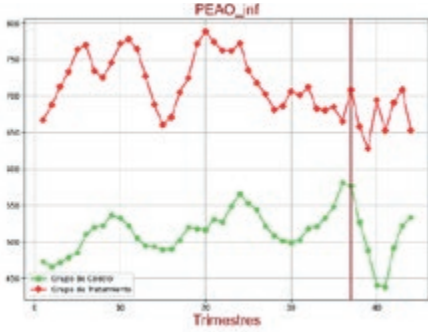


Ingreso Real Promedio de las PT y de las PC con ingreso real menor al promedio de dichos ingresos para las 89 provincias del 2019

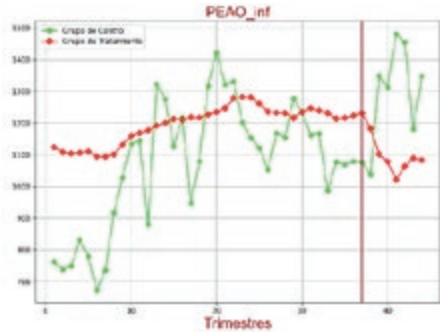




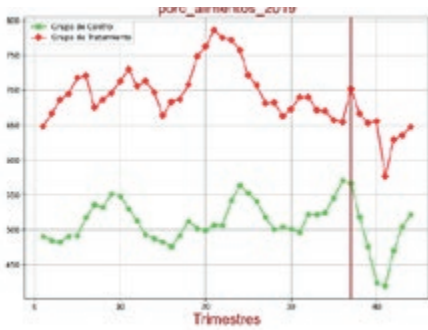
Ingreso Real Promedio de las PT y de las PC con tasas de informalidad mayores al promedio de dicha tasa del 2019



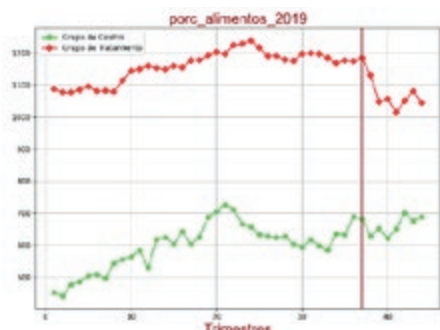
Ingreso Real Promedio de las PT y de las PC con tasas de informalidad menores al promedio de dicha tasa del 2019



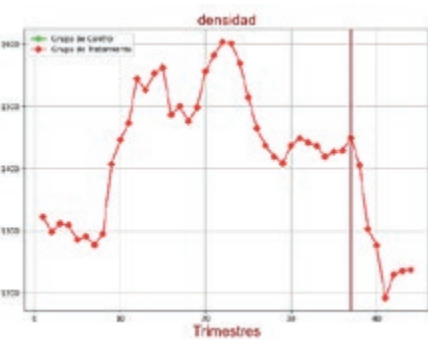
Ingreso Real Promedio de las PT y de las PC con porcentaje del gasto de consumo de alimentos mayor al promedio de dicho porcentaje del 2019 para ambas provincias



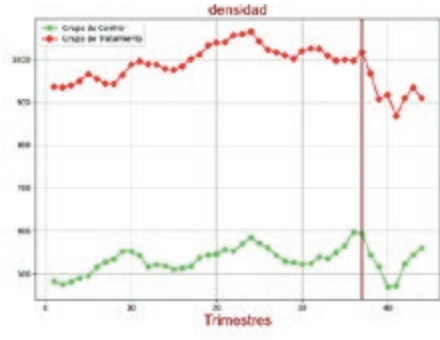
Ingreso Real Promedio de las PT y de las PC con porcentaje del gasto de consumo de alimentos menor al promedio de dicho porcentaje del 2019 para ambas provincias



Ingreso Real Promedio de las PT y de las PC con densidad geográfica mayor al promedio de dicha densidad del 2019 para ambas provincias

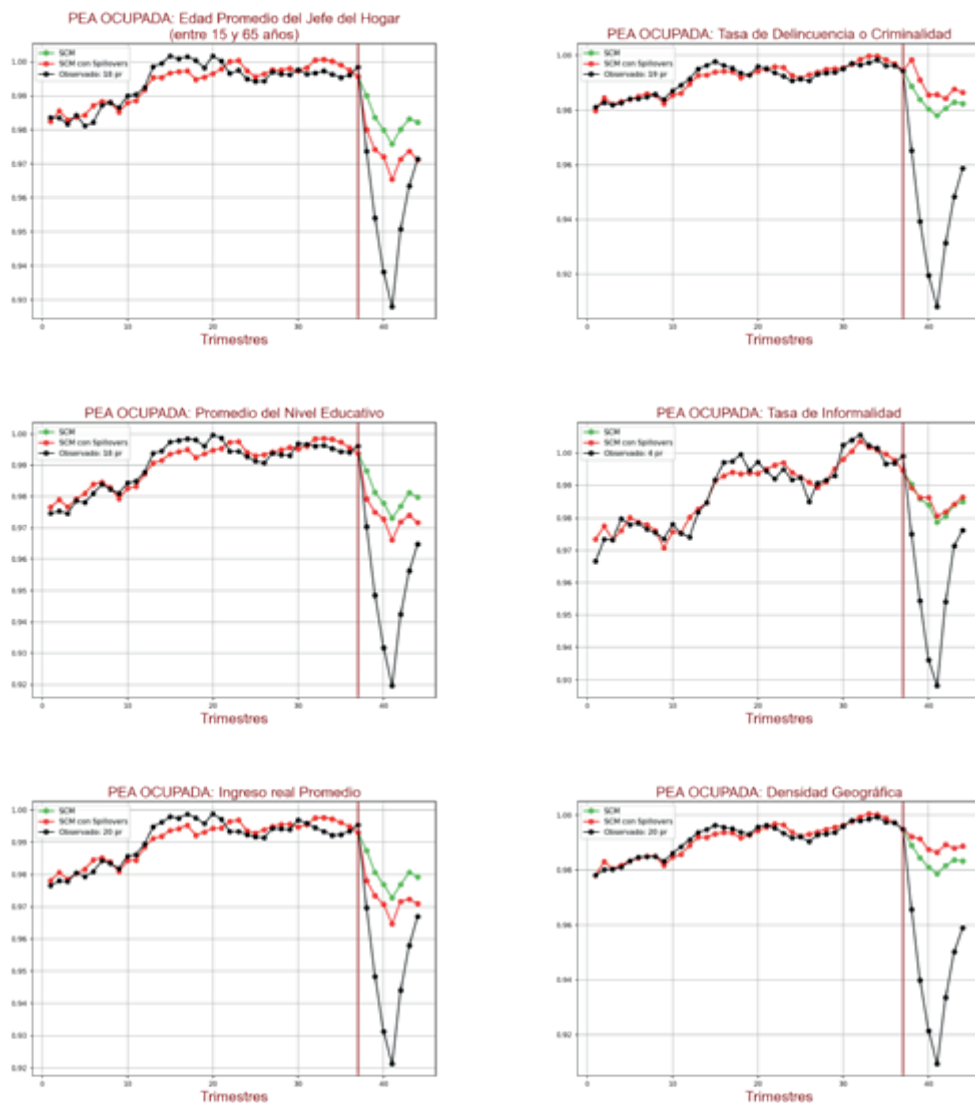


Ingreso Real Promedio de las PT y de las PC con densidad geográfica menor al promedio de dicha densidad del 2019 para ambas provincias



Fuente: INEI-ENAH0 (2022). INEI (2022). Elaboración propia

Figura A5. PEA Ocupada: Promedio de Simulaciones y Provincias Tratadas con Efectos Spillovers Estadísticamente Significativo Por Fuente de Spillovers 2011.I-2021.IV



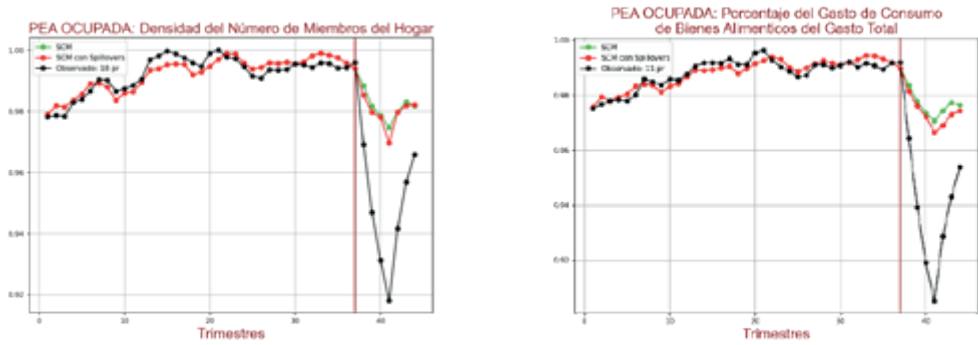
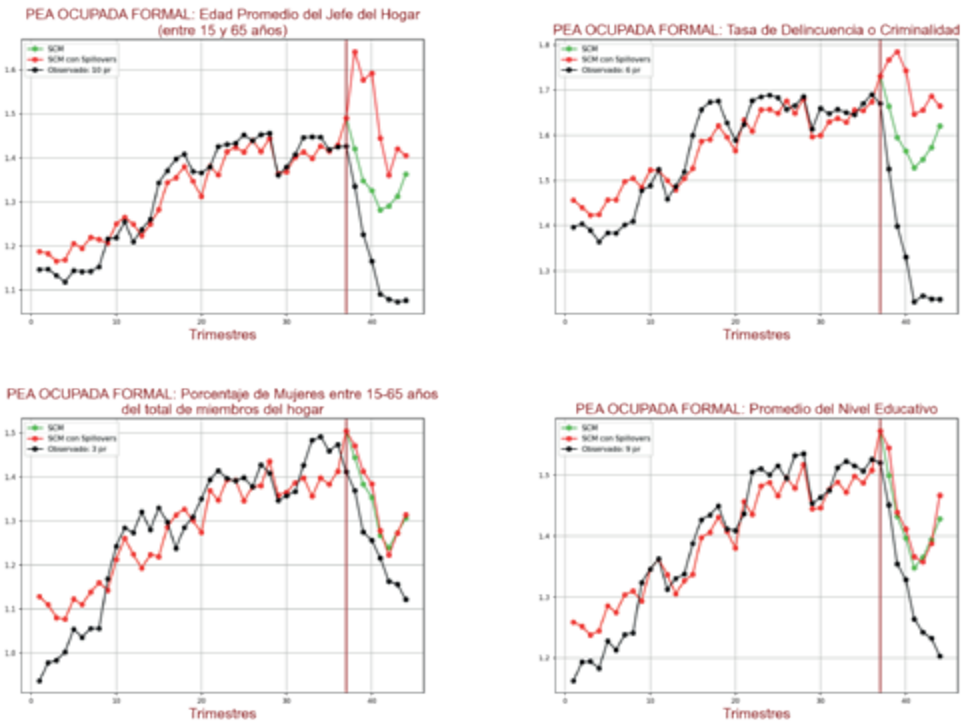


Figura A6. PEA Ocupada Formal Estandarizada: Promedio de Simulaciones y Provincias Tratadas con Efectos Spillovers Estadísticamente Significativo Por Fuente de Spillovers 2011.I-2021.IV





**PEA OCUPADA FORMAL: Porcentaje del Gasto de Consumo de Bienes Alimenticios del Gasto Total**

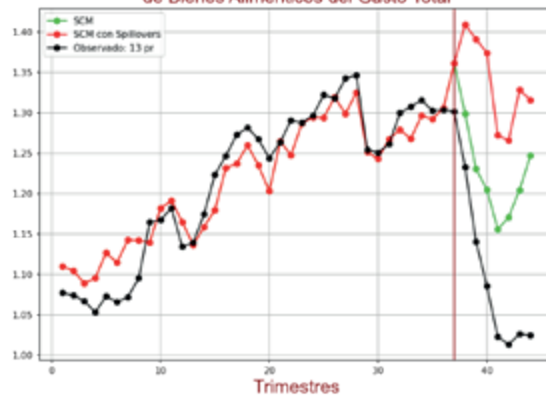
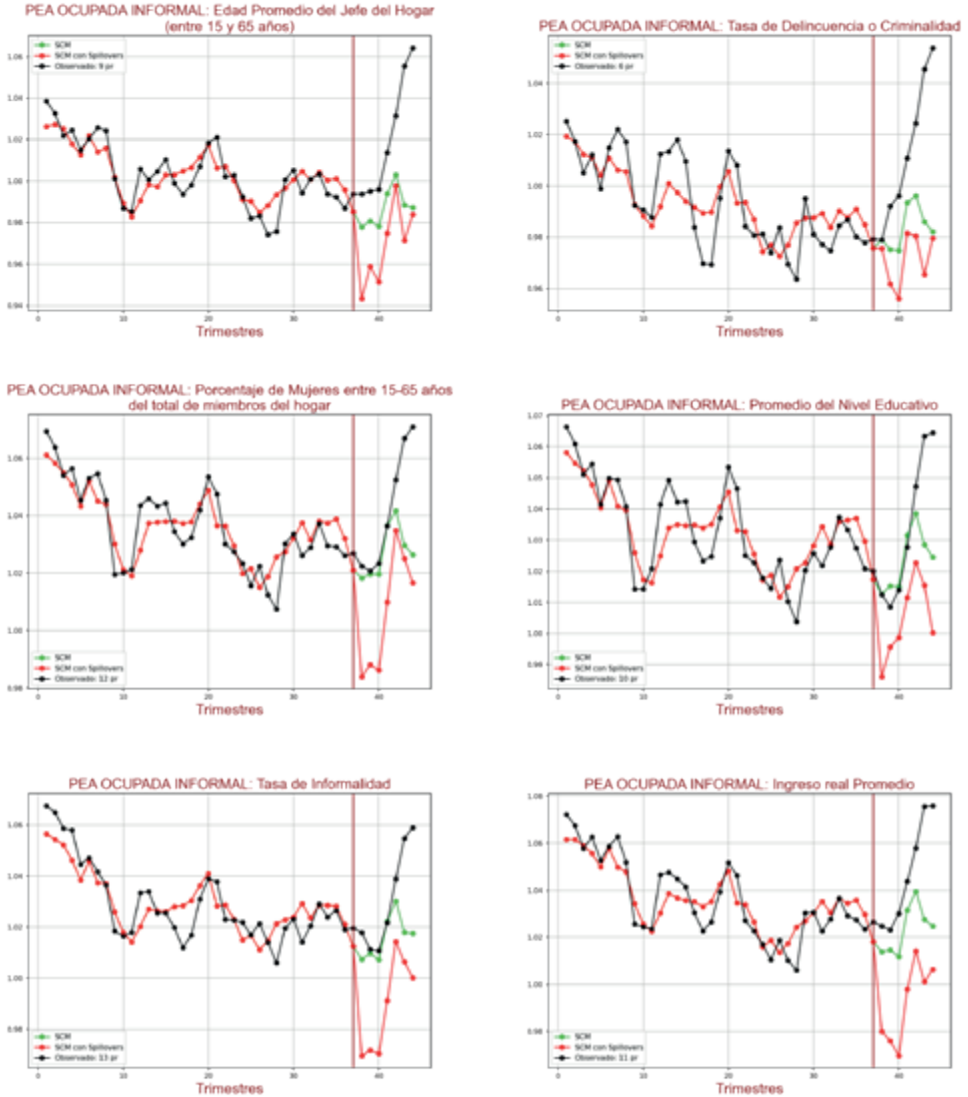


Figura A7. PEA Ocupada Informal Estandarizada: Promedio de Simulaciones y Provincias Tratadas con Efectos Spillovers Estadísticamente Significativo Por Fuente de Spillovers 2011.I-2021.IV



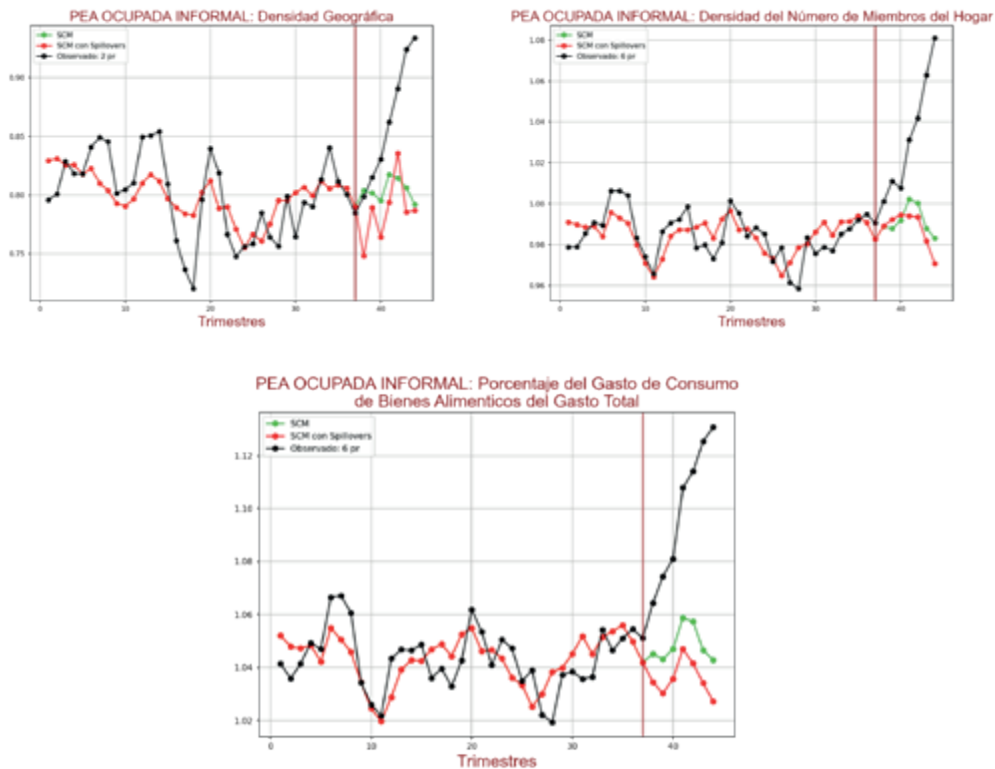
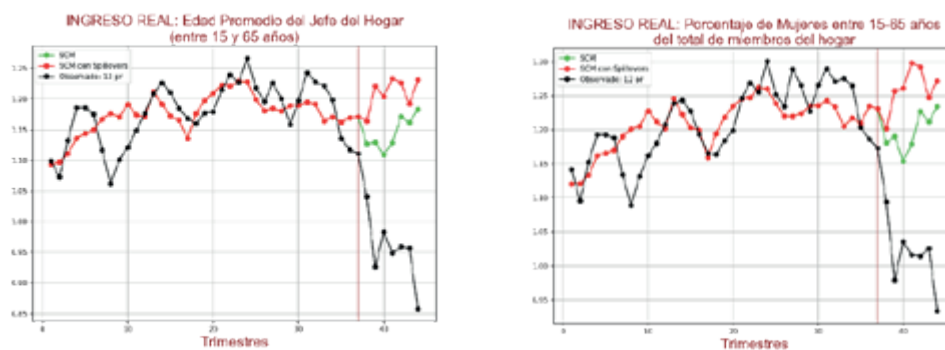
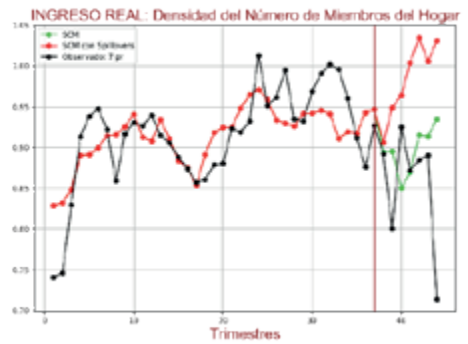
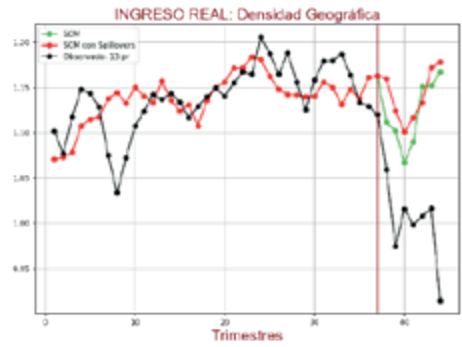
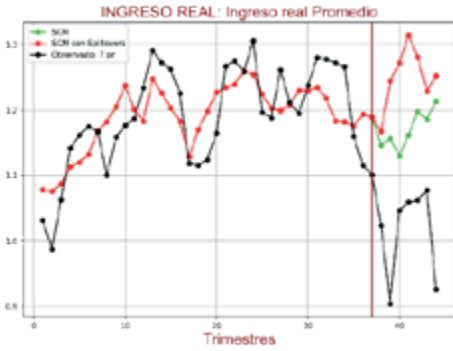
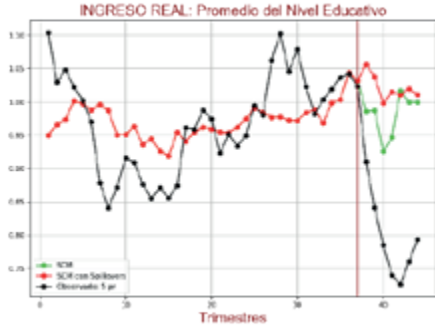


Figura A8. Ingreso Real Promedio Estandarizado: Promedio de Simulaciones y Provincias Tratadas con Efectos Spillovers Estadísticamente Significativo Por Fuente de Spillovers 2011.I-2021.IV







CUADRO A1. EFECTOS SOBRE LA PEA OCUPADA

PROVINCIA	EFFECTOS EN PORCENTAJES DEL NIVEL de la PEA DEL TRIMESTRE 2020.I	S1	S2	S3	S4
Tasa de Delincuencia o Criminalidad					
S1: [135.2]					
S2 : [89.6, 120.8, 135.2]					
S3 : [76.9, 81.7, 89.6, 120.8, 135.2]					
S4 : > 47.81					
AREQUIPA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-6.86	-6.84
	ESP	ND	ND	0.33	0.32
	EET	ND	ND	-0.79	-0.79
	ET	ND	ND	-7.32	-7.32
	RMSE-PRE COVID	ND	ND	0.00	0.00
	RMSE-COVID	ND	ND	0.07	0.07
	RMSE-SP PRE COVID	ND	ND	0.00	0.00
	RMSE-SP COVID	ND	ND	0.08	0.08
CAJAMARCA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-8.24	ND
	ESP	ND	ND	0.66	ND
	EET	ND	ND	0.40	ND
	ET	ND	ND	-7.19	ND
	RMSE-PRE COVID	ND	ND	0.01	ND
	RMSE-COVID	ND	ND	0.06	ND
	RMSE-SP PRE COVID	ND	ND	0.01	ND
	RMSE-SP COVID	ND	ND	0.07	ND
CALLAO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-7.96	-8.16
	ESP	ND	ND	0.11	0.31
	EET	ND	ND	-1.52	-1.52
	ET	ND	ND	-9.37	-9.37
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.07	0.07
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.07	0.07



CAÑETE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-3.62	-3.42
	ESP	ND	ND	1.00	0.80
	EET	ND	ND	-1.35	-1.35
	ET	ND	ND	-3.97	-3.97
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.03	0.03
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.04	0.04
CHACHAPOYAS TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-1.73	-2.00
	ESP	ND	ND	0.61	0.88
	EET	ND	ND	-1.34	-1.34
	ET	ND	ND	-2.46	-2.46
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.02	0.02
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.02	0.02
CHANCHAMAYO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-1.37	-1.58
	ESP	ND	ND	0.10	0.31
	EET	ND	ND	-0.62	-0.62
	ET	ND	ND	-1.89	-1.89
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.02	0.02
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.02	0.02
CUSCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-7.71	-7.71
	ESP	ND	ND	0.64	0.64
	EET	ND	ND	-1.73	-1.73
	ET	ND	ND	-8.80	-8.80
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.07	0.07
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.07	0.07
HUANCAYO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-4.70	-4.56
	ESP	ND	ND	0.14	0.00
	EET	ND	ND	-1.29	-1.29
	ET	ND	ND	-5.85	-5.85
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.05	0.05
HUANUCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-4.93	-4.81
	ESP	ND	ND	0.80	0.68
	EET	ND	ND	-1.19	-1.19
	ET	ND	ND	-5.32	-5.32
	RMSE-PRE COVID	ND	ND	0.00	0.00
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.00	0.00
	RMSE-SP COVID	ND	ND	0.05	0.05

HUARAZ TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-6.59	-6.75
	ESP	ND	ND	1.04	1.20
	EET	ND	ND	-1.14	-1.14
	ET	ND	ND	-6.69	-6.69
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.06	0.06
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.07	0.08
HUAURA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-3.01	-3.19
	ESP	ND	ND	1.03	1.21
	EET	ND	ND	-1.25	-1.25
	ET	ND	ND	-3.23	-3.23
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.04	0.04
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.05	0.05
ICA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-3.06	ND
	ESP	ND	ND	1.08	ND
	EET	ND	ND	-0.93	ND
	ET	ND	ND	-2.91	ND
	RMSE-PRE COVID	ND	ND	0.00	ND
	RMSE-COVID	ND	ND	0.02	ND
	RMSE-SP PRE COVID	ND	ND	0.00	ND
	RMSE-SP COVID	ND	ND	0.03	ND
ILO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-6.96	-7.33
	ESP	ND	ND	1.42	1.79
	EET	ND	ND	-1.59	-1.59
	ET	ND	ND	-7.13	-7.13
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.07	0.07
LIMA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-6.40	-6.76
	ESP	ND	ND	0.20	0.56
	EET	ND	ND	-1.43	-1.43
	ET	ND	ND	-7.63	-7.63
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.07	0.07
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.07	0.07
MOYOBAMBA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-3.16	-2.35
	ESP	ND	ND	0.45	-0.35
	EET	ND	ND	-1.06	-1.06
	ET	ND	ND	-3.76	-3.76
	RMSE-PRE COVID	ND	ND	0.00	0.00
	RMSE-COVID	ND	ND	0.03	0.03
	RMSE-SP PRE COVID	ND	ND	0.00	0.00
	RMSE-SP COVID	ND	ND	0.03	0.02

PISCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-3.10	ND
	ESP	ND	ND	0.26	ND
	EET	ND	ND	-1.00	ND
	ET	ND	ND	-3.83	ND
	RMSE-PRE COVID	ND	ND	0.01	ND
	RMSE-COVID	ND	ND	0.03	ND
	RMSE-SP PRE COVID	ND	ND	0.01	ND
	RMSE-SP COVID	ND	ND	0.03	ND
PUNO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-4.12	-4.33
	ESP	ND	ND	0.31	0.52
	EET	ND	ND	-1.24	-1.24
	ET	ND	ND	-5.05	-5.05
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.04	0.04
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.04	0.04
SAN ROMAN TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-5.26	-5.40
	ESP	ND	ND	0.32	0.46
	EET	ND	ND	-1.12	-1.12
	ET	ND	ND	-6.07	-6.07
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.05	0.05
TACNA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-3.65	-4.58
	ESP	ND	ND	0.58	1.51
	EET	ND	ND	-1.57	-1.57
	ET	ND	ND	-4.64	-4.64
	RMSE-PRE COVID	ND	ND	0.00	0.00
	RMSE-COVID	ND	ND	0.03	0.03
	RMSE-SP PRE COVID	ND	ND	0.00	0.00
	RMSE-SP COVID	ND	ND	0.04	0.05
TRUJILLO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-7.33	-7.51
	ESP	ND	ND	0.21	0.39
	EET	ND	ND	-1.18	-1.18
	ET	ND	ND	-8.30	-8.30
	RMSE-PRE COVID	ND	ND	0.00	0.00
	RMSE-COVID	ND	ND	0.08	0.08
	RMSE-SP PRE COVID	ND	ND	0.00	0.00
	RMSE-SP COVID	ND	ND	0.08	0.08
TUMBES TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-3.18	-3.10
	ESP	ND	ND	0.36	0.27
	EET	ND	ND	-1.13	-1.13
	ET	ND	ND	-3.96	-3.96
	RMSE-PRE COVID	ND	ND	0.00	0.00
	RMSE-COVID	ND	ND	0.04	0.04
	RMSE-SP PRE COVID	ND	ND	0.00	0.00
	RMSE-SP COVID	ND	ND	0.04	0.04

ZARUMILLA	EC&P	ND	ND	-5.31	-4.73
TEST SP:	ESP	ND	ND	0.52	-0.06
$\alpha \leq 1\%$	EET	ND	ND	-0.32	-0.32
TEST TE:	ET	ND	ND	-5.11	-5.11
$\alpha \leq 5\%$	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.05	0.05
Densidad del Número de Miembros del Hogar					
S1 : [4.98]					
S2 : [4.52, 4.55, 4.98]					
S3 : [4.12, 4.31, 4.52, 4.55, 4.98]					
S4 : > 3.45					
ANGARAES	EC&P	ND	ND	ND	3.76
TEST SP:	ESP	ND	ND	ND	-1.72
$\alpha \leq 1\%$	EET	ND	ND	ND	-2.28
TEST TE:	ET	ND	ND	ND	-0.24
$\alpha \leq 1\%$	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.02
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.04
AREQUIPA	EC&P	ND	ND	ND	-6.47
TEST SP:	ESP	ND	ND	ND	-0.06
$\alpha \leq 1\%$	EET	ND	ND	ND	-0.79
TEST TE:	ET	ND	ND	ND	-7.32
$\alpha \leq 1\%$	RMSE-PRE COVID	ND	ND	ND	0.00
	RMSE-COVID	ND	ND	ND	0.07
	RMSE-SP PRE COVID	ND	ND	ND	0.00
	RMSE-SP COVID	ND	ND	ND	0.07
CAJAMARCA	EC&P	ND	ND	ND	-8.62
TEST SP:	ESP	ND	ND	ND	1.04
$\alpha \leq 1\%$	EET	ND	ND	ND	0.40
TEST TE:	ET	ND	ND	ND	-7.19
$\alpha \leq 1\%$	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.06
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.08
CALLAO	EC&P	ND	ND	ND	-8.53
TEST SP:	ESP	ND	ND	ND	0.68
$\alpha \leq 1\%$	EET	ND	ND	ND	-1.52
TEST TE:	ET	ND	ND	ND	-9.37
$\alpha \leq 1\%$	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.07
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.08

CUSCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-8.99
	ESP	ND	ND	ND	1.92
	EET	ND	ND	ND	-1.73
	ET	ND	ND	ND	-8.80
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.07
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.09
HUANCAVELICA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	3.19
	ESP	ND	ND	ND	-1.17
	EET	ND	ND	ND	-2.39
	ET	ND	ND	ND	-0.36
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.02
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.03
HUANCAYO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-4.22
	ESP	ND	ND	ND	-0.33
	EET	ND	ND	ND	-1.29
	ET	ND	ND	ND	-5.85
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.05
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.05
HUANUCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-3.87
	ESP	ND	ND	ND	-0.26
	EET	ND	ND	ND	-1.19
	ET	ND	ND	ND	-5.32
	RMSE-PRE COVID	ND	ND	ND	0.00
	RMSE-COVID	ND	ND	ND	0.05
	RMSE-SP PRE COVID	ND	ND	ND	0.00
	RMSE-SP COVID	ND	ND	ND	0.04
HUARAZ TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-6.08
	ESP	ND	ND	ND	0.53
	EET	ND	ND	ND	-1.14
	ET	ND	ND	ND	-6.69
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.06
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.07
HUAURA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	ND	-1.23
	ESP	ND	ND	ND	-0.75
	EET	ND	ND	ND	-1.25
	ET	ND	ND	ND	-3.23
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.04
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.03

ISLAY TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	5.85
	ESP	ND	ND	ND	-1.59
	EET	ND	ND	ND	-2.82
	ET	ND	ND	ND	1.44
	RMSE-PRE COVID	ND	ND	ND	0.02
	RMSE-COVID	ND	ND	ND	0.05
	RMSE-SP PRE COVID	ND	ND	ND	0.02
	RMSE-SP COVID	ND	ND	ND	0.07
LIMA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-6.44
	ESP	ND	ND	ND	0.25
	EET	ND	ND	ND	-1.43
	ET	ND	ND	ND	-7.63
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.07
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.07
MARISCAL RAMON CASTILLA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	3.37
	ESP	ND	ND	ND	-2.34
	EET	ND	ND	ND	-0.92
	ET	ND	ND	ND	0.11
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.02
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.05
MOYOBAMBA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-2.44
	ESP	ND	ND	ND	-0.26
	EET	ND	ND	ND	-1.06
	ET	ND	ND	ND	-3.76
	RMSE-PRE COVID	ND	ND	ND	0.00
	RMSE-COVID	ND	ND	ND	0.03
	RMSE-SP PRE COVID	ND	ND	ND	0.00
	RMSE-SP COVID	ND	ND	ND	0.02
PUNO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-4.43
	ESP	ND	ND	ND	0.62
	EET	ND	ND	ND	-1.24
	ET	ND	ND	ND	-5.05
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.04
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.04
SAN ROMAN TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	-5.90
	ESP	ND	ND	ND	0.96
	EET	ND	ND	ND	-1.12
	ET	ND	ND	ND	-6.07
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.05
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.06

TRUJILLO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-6.90
	ESP	ND	ND	ND	-0.22
	EET	ND	ND	ND	-1.18
	ET	ND	ND	ND	-8.30
	RMSE-PRE COVID	ND	ND	ND	0.00
	RMSE-COVID	ND	ND	ND	0.08
	RMSE-SP PRE COVID	ND	ND	ND	0.00
	RMSE-SP COVID	ND	ND	ND	0.07
	ZARUMILLA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	-0.19
EET		ND	ND	ND	-0.32
ET		ND	ND	ND	-5.11
RMSE-PRE COVID		ND	ND	ND	0.01
RMSE-COVID		ND	ND	ND	0.05
RMSE-SP PRE COVID		ND	ND	ND	0.01
RMSE-SP COVID		ND	ND	ND	0.05
Edad Promedio del Jefe del Hogar (entre 15 y 65 años) S2 : [56.98, 57.18, 57.45] S3 : [55.76, 56.2, 56.98, 57.18, 57.45] S4 : > 52.43					
ANGARAES TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	4.05	4.84
	ESP	ND	ND	-2.02	-2.80
	EET	ND	ND	-2.28	-2.28
	ET	ND	ND	-0.24	-0.24
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.02	0.02
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.05	0.05
	AREQUIPA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	-0.50
EET		ND	ND	ND	-0.79
ET		ND	ND	ND	-7.32
RMSE-PRE COVID		ND	ND	ND	0.00
RMSE-COVID		ND	ND	ND	0.07
RMSE-SP PRE COVID		ND	ND	ND	0.00
RMSE-SP COVID		ND	ND	ND	0.07
BELLAVISTA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	-2.59
	EET	ND	ND	ND	-2.01
	ET	ND	ND	ND	0.55
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.02
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.04

CAJAMARCA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	-7.59
	ESP	ND	ND	ND	0.01
	EET	ND	ND	ND	0.40
	ET	ND	ND	ND	-7.19
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.06
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.07
CALLAO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-6.95
	ESP	ND	ND	ND	-0.90
	EET	ND	ND	ND	-1.52
	ET	ND	ND	ND	-9.37
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.07
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.06
CAÑETE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	ND	-2.14
	ESP	ND	ND	ND	-0.48
	EET	ND	ND	ND	-1.35
	ET	ND	ND	ND	-3.97
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.03
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.03
CUSCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-6.95
	ESP	ND	ND	ND	-0.12
	EET	ND	ND	ND	-1.73
	ET	ND	ND	ND	-8.80
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.07
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.07
HUANCAVELICA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	3.70	3.69	4.40
	ESP	ND	-1.68	-1.67	-2.38
	EET	ND	-2.39	-2.39	-2.39
	ET	ND	-0.36	-0.36	-0.36
	RMSE-PRE COVID	ND	0.01	0.01	0.01
	RMSE-COVID	ND	0.02	0.02	0.02
	RMSE-SP PRE COVID	ND	0.01	0.01	0.01
	RMSE-SP COVID	ND	0.04	0.04	0.05
HUANCAYO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-4.52	-3.60
	ESP	ND	ND	-0.04	-0.96
	EET	ND	ND	-1.29	-1.29
	ET	ND	ND	-5.85	-5.85
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.05	0.04



HUANUCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-3.76
	ESP	ND	ND	ND	-0.37
	EET	ND	ND	ND	-1.19
	ET	ND	ND	ND	-5.32
	RMSE-PRE COVID	ND	ND	ND	0.00
	RMSE-COVID	ND	ND	ND	0.05
	RMSE-SP PRE COVID	ND	ND	ND	0.00
	RMSE-SP COVID	ND	ND	ND	0.04
HUARAZ TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-5.68
	ESP	ND	ND	ND	0.14
	EET	ND	ND	ND	-1.14
	ET	ND	ND	ND	-6.69
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.06
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.06
ILO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-7.11	-6.97	ND
	ESP	ND	1.57	1.43	ND
	EET	ND	-1.59	-1.59	ND
	ET	ND	-7.13	-7.13	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.05	0.05	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.07	0.07	ND
ISLAY TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	5.69
	ESP	ND	ND	ND	-1.43
	EET	ND	ND	ND	-2.82
	ET	ND	ND	ND	1.44
	RMSE-PRE COVID	ND	ND	ND	0.02
	RMSE-COVID	ND	ND	ND	0.05
	RMSE-SP PRE COVID	ND	ND	ND	0.02
	RMSE-SP COVID	ND	ND	ND	0.07
LIMA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-5.29
	ESP	ND	ND	ND	-0.90
	EET	ND	ND	ND	-1.43
	ET	ND	ND	ND	-7.63
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.07
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.06
MARISCAL CACERES TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	2.99
	ESP	ND	ND	ND	-1.88
	EET	ND	ND	ND	-1.21
	ET	ND	ND	ND	-0.10
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.03
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.04

MARISCAL RAMON CASTILLA	EC&P	ND	ND	ND	2.72	
	TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	-1.68	
	TEST TE: $\alpha \leq 1\%$	EET	ND	ND	ND	-0.92
		ET	ND	ND	ND	0.11
	RMSE-PRE COVID	ND	ND	ND	0.01	
	RMSE-COVID	ND	ND	ND	0.02	
	RMSE-SP PRE COVID	ND	ND	ND	0.01	
	RMSE-SP COVID	ND	ND	ND	0.04	
MOYOBAMBA	EC&P	ND	ND	-2.92	ND	
	TEST SP: $\alpha \leq 5\%$	ESP	ND	ND	0.22	ND
	TEST TE: $\alpha \leq 1\%$	EET	ND	ND	-1.06	ND
		ET	ND	ND	-3.76	ND
	RMSE-PRE COVID	ND	ND	0.00	ND	
	RMSE-COVID	ND	ND	0.03	ND	
	RMSE-SP PRE COVID	ND	ND	0.00	ND	
	RMSE-SP COVID	ND	ND	0.03	ND	
SAN ROMAN	EC&P	ND	ND	ND	-5.06	
	TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	0.11
	TEST TE: $\alpha \leq 5\%$	EET	ND	ND	ND	-1.12
		ET	ND	ND	ND	-6.07
	RMSE-PRE COVID	ND	ND	ND	0.01	
	RMSE-COVID	ND	ND	ND	0.05	
	RMSE-SP PRE COVID	ND	ND	ND	0.01	
	RMSE-SP COVID	ND	ND	ND	0.05	
TRUJILLO	EC&P	ND	ND	ND	-6.32	
	TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	-0.80
	TEST TE: $\alpha \leq 1\%$	EET	ND	ND	ND	-1.18
		ET	ND	ND	ND	-8.30
	RMSE-PRE COVID	ND	ND	ND	0.00	
	RMSE-COVID	ND	ND	ND	0.08	
	RMSE-SP PRE COVID	ND	ND	ND	0.00	
	RMSE-SP COVID	ND	ND	ND	0.07	
TUMBES	EC&P	ND	-3.04	ND	ND	
	TEST SP: $\alpha \leq 5\%$	ESP	ND	0.21	ND	ND
	TEST TE: $\alpha \leq 5\%$	EET	ND	-1.13	ND	ND
		ET	ND	-3.96	ND	ND
	RMSE-PRE COVID	ND	0.00	ND	ND	
	RMSE-COVID	ND	0.04	ND	ND	
	RMSE-SP PRE COVID	ND	0.00	ND	ND	
	RMSE-SP COVID	ND	0.04	ND	ND	
ZARUMILLA	EC&P	ND	ND	ND	-5.21	
	TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	0.43
	TEST TE: $\alpha \leq 1\%$	EET	ND	ND	ND	-0.32
		ET	ND	ND	ND	-5.11
	RMSE-PRE COVID	ND	ND	ND	0.01	
	RMSE-COVID	ND	ND	ND	0.05	
	RMSE-SP PRE COVID	ND	ND	ND	0.01	
	RMSE-SP COVID	ND	ND	ND	0.05	

Porcentaje de Mujeres entre 15-65 años  
del total de miembros del hogar

S1 : [56.74]

S2 : [52.23, 52.32, 56.74]

S3 : [51.54, 51.58, 52.23, 52.32, 56.74]

S4 : &gt; 46.0

ANGARAES TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	3.94	ND	ND
	ESP	ND	-1.90	ND	ND
	EET	ND	-2.28	ND	ND
	ET	ND	-0.24	ND	ND
	RMSE-PRE COVID	ND	0.01	ND	ND
	RMSE-COVID	ND	0.02	ND	ND
	RMSE-SP PRE COVID	ND	0.01	ND	ND
	RMSE-SP COVID	ND	0.04	ND	ND
AREQUIPA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-6.64	-6.61	ND
	ESP	ND	0.12	0.09	ND
	EET	ND	-0.79	-0.79	ND
	ET	ND	-7.32	-7.32	ND
	RMSE-PRE COVID	ND	0.00	0.00	ND
	RMSE-COVID	ND	0.07	0.07	ND
	RMSE-SP PRE COVID	ND	0.00	0.00	ND
	RMSE-SP COVID	ND	0.07	0.07	ND
CAJAMARCA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-8.42	-8.07	ND
	ESP	ND	0.84	0.48	ND
	EET	ND	0.40	0.40	ND
	ET	ND	-7.19	-7.19	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.06	0.06	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.07	0.07	ND
CALLAO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-7.69	-7.67	ND
	ESP	ND	-0.16	-0.18	ND
	EET	ND	-1.52	-1.52	ND
	ET	ND	-9.37	-9.37	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.07	0.07	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.07	0.07	ND
CAÑETE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-1.77	ND	ND
	ESP	ND	-0.85	ND	ND
	EET	ND	-1.35	ND	ND
	ET	ND	-3.97	ND	ND
	RMSE-PRE COVID	ND	0.01	ND	ND
	RMSE-COVID	ND	0.03	ND	ND
	RMSE-SP PRE COVID	ND	0.01	ND	ND
	RMSE-SP COVID	ND	0.03	ND	ND

CHANCHAMAYO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-1.36	-1.29	ND
	ESP	ND	0.09	0.03	ND
	EET	ND	-0.62	-0.62	ND
	ET	ND	-1.89	-1.89	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.02	0.02	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.02	0.02	ND
	CUSCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-7.39	ND
ESP		ND	0.32	ND	ND
EET		ND	-1.73	ND	ND
ET		ND	-8.80	ND	ND
RMSE-PRE COVID		ND	0.01	ND	ND
RMSE-COVID		ND	0.07	ND	ND
RMSE-SP PRE COVID		ND	0.01	ND	ND
RMSE-SP COVID		ND	0.07	ND	ND
HUANCAVELICA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	3.55	ND
	ESP	ND	-1.52	ND	ND
	EET	ND	-2.39	ND	ND
	ET	ND	-0.36	ND	ND
	RMSE-PRE COVID	ND	0.01	ND	ND
	RMSE-COVID	ND	0.02	ND	ND
	RMSE-SP PRE COVID	ND	0.01	ND	ND
	RMSE-SP COVID	ND	0.04	ND	ND
	HUANCAYO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-4.78	-4.72
ESP		ND	0.23	0.16	ND
EET		ND	-1.29	-1.29	ND
ET		ND	-5.85	-5.85	ND
RMSE-PRE COVID		ND	0.01	0.01	ND
RMSE-COVID		ND	0.05	0.05	ND
RMSE-SP PRE COVID		ND	0.01	0.01	ND
RMSE-SP COVID		ND	0.05	0.05	ND
HUANUCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-3.79	-3.80
	ESP	ND	-0.33	-0.32	ND
	EET	ND	-1.19	-1.19	ND
	ET	ND	-5.32	-5.32	ND
	RMSE-PRE COVID	ND	0.00	0.00	ND
	RMSE-COVID	ND	0.05	0.05	ND
	RMSE-SP PRE COVID	ND	0.00	0.00	ND
	RMSE-SP COVID	ND	0.04	0.04	ND
	HUARAZ TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-5.13	-5.12
ESP		ND	-0.42	-0.43	ND
EET		ND	-1.14	-1.14	ND
ET		ND	-6.69	-6.69	ND
RMSE-PRE COVID		ND	0.01	0.01	ND
RMSE-COVID		ND	0.06	0.06	ND
RMSE-SP PRE COVID		ND	0.01	0.01	ND
RMSE-SP COVID		ND	0.06	0.06	ND

HUAURA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-1.91	-1.61	ND
	ESP	ND	-0.07	-0.37	ND
	EET	ND	-1.25	-1.25	ND
	ET	ND	-3.23	-3.23	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.04	0.04	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.04	0.03	ND
	ICA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-2.79	-2.78
ESP		ND	0.81	0.80	ND
EET		ND	-0.93	-0.93	ND
ET		ND	-2.91	-2.91	ND
RMSE-PRE COVID		ND	0.00	0.00	ND
RMSE-COVID		ND	0.02	0.02	ND
RMSE-SP PRE COVID		ND	0.00	0.00	ND
RMSE-SP COVID		ND	0.03	0.03	ND
ILO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-6.91	-6.88
	ESP	ND	1.37	1.34	ND
	EET	ND	-1.59	-1.59	ND
	ET	ND	-7.13	-7.13	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.05	0.05	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.07	0.07	ND
	ISLAY TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	5.55	5.64
ESP		ND	-1.29	-1.38	ND
EET		ND	-2.82	-2.82	ND
ET		ND	1.44	1.44	ND
RMSE-PRE COVID		ND	0.02	0.02	ND
RMSE-COVID		ND	0.05	0.05	ND
RMSE-SP PRE COVID		ND	0.02	0.02	ND
RMSE-SP COVID		ND	0.07	0.07	ND
LIMA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-5.20	ND
	ESP	ND	-1.00	ND	ND
	EET	ND	-1.43	ND	ND
	ET	ND	-7.63	ND	ND
	RMSE-PRE COVID	ND	0.01	ND	ND
	RMSE-COVID	ND	0.07	ND	ND
	RMSE-SP PRE COVID	ND	0.01	ND	ND
	RMSE-SP COVID	ND	0.06	ND	ND
	MARISCAL RAMON CASTILLA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	1.42	1.45
ESP		ND	-0.39	-0.42	ND
EET		ND	-0.92	-0.92	ND
ET		ND	0.11	0.11	ND
RMSE-PRE COVID		ND	0.01	0.01	ND
RMSE-COVID		ND	0.02	0.02	ND
RMSE-SP PRE COVID		ND	0.01	0.01	ND
RMSE-SP COVID		ND	0.03	0.03	ND

MOYOBAMBA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-2.70	ND	ND
	ESP	ND	0.00	ND	ND
	EET	ND	-1.06	ND	ND
	ET	ND	-3.76	ND	ND
	RMSE-PRE COVID	ND	0.00	ND	ND
	RMSE-COVID	ND	0.03	ND	ND
	RMSE-SP PRE COVID	ND	0.00	ND	ND
	RMSE-SP COVID	ND	0.03	ND	ND
PISCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-3.38	ND	ND
	ESP	ND	0.54	ND	ND
	EET	ND	-1.00	ND	ND
	ET	ND	-3.83	ND	ND
	RMSE-PRE COVID	ND	0.01	ND	ND
	RMSE-COVID	ND	0.03	ND	ND
	RMSE-SP PRE COVID	ND	0.01	ND	ND
	RMSE-SP COVID	ND	0.04	ND	ND
PUNO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-3.00	ND	ND
	ESP	ND	-0.81	ND	ND
	EET	ND	-1.24	ND	ND
	ET	ND	-5.05	ND	ND
	RMSE-PRE COVID	ND	0.01	ND	ND
	RMSE-COVID	ND	0.04	ND	ND
	RMSE-SP PRE COVID	ND	0.01	ND	ND
	RMSE-SP COVID	ND	0.03	ND	ND
SAN ROMAN TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-4.71	-4.65	ND
	ESP	ND	-0.24	-0.30	ND
	EET	ND	-1.12	-1.12	ND
	ET	ND	-6.07	-6.07	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.05	0.05	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.05	0.05	ND
TACNA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-3.53	-3.54	ND
	ESP	ND	0.46	0.47	ND
	EET	ND	-1.57	-1.57	ND
	ET	ND	-4.64	-4.64	ND
	RMSE-PRE COVID	ND	0.00	0.00	ND
	RMSE-COVID	ND	0.03	0.03	ND
	RMSE-SP PRE COVID	ND	0.00	0.00	ND
	RMSE-SP COVID	ND	0.04	0.04	ND
TRUJILLO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-7.14	-7.13	ND
	ESP	ND	0.02	0.01	ND
	EET	ND	-1.18	-1.18	ND
	ET	ND	-8.30	-8.30	ND
	RMSE-PRE COVID	ND	0.00	0.00	ND
	RMSE-COVID	ND	0.08	0.08	ND
	RMSE-SP PRE COVID	ND	0.00	0.00	ND
	RMSE-SP COVID	ND	0.08	0.08	ND

TUMBES TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-2.98	-2.94	ND
	ESP	ND	0.15	0.12	ND
	EET	ND	-1.13	-1.13	ND
	ET	ND	-3.96	-3.96	ND
	RMSE-PRE COVID	ND	0.00	0.00	ND
	RMSE-COVID	ND	0.04	0.04	ND
	RMSE-SP PRE COVID	ND	0.00	0.00	ND
	RMSE-SP COVID	ND	0.04	0.04	ND
	ZARUMILLA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-5.46	-5.21
ESP		ND	0.68	0.42	ND
EET		ND	-0.32	-0.32	ND
ET		ND	-5.11	-5.11	ND
RMSE-PRE COVID		ND	0.01	0.01	ND
RMSE-COVID		ND	0.05	0.05	ND
RMSE-SP PRE COVID		ND	0.01	0.01	ND
RMSE-SP COVID		ND	0.06	0.05	ND
Promedio del Nivel Educativo S1 : [3.85] S2 : [3.85, 3.87, 4.0] S3 : [3.85, 3.87, 4.0, 4.05, 4.06] S4 : < 4.65					
ANGARAES TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	4.25	4.20	4.70
	ESP	ND	-2.21	-2.16	-2.66
	EET	ND	-2.28	-2.28	-2.28
	ET	ND	-0.24	-0.24	-0.24
	RMSE-PRE COVID	ND	0.01	0.01	0.01
	RMSE-COVID	ND	0.02	0.02	0.02
	RMSE-SP PRE COVID	ND	0.01	0.01	0.01
	RMSE-SP COVID	ND	0.05	0.05	0.05
	AREQUIPA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-6.67	-6.66
ESP		ND	0.15	0.14	-0.67
EET		ND	-0.79	-0.79	-0.79
ET		ND	-7.32	-7.32	-7.32
RMSE-PRE COVID		ND	0.00	0.00	0.00
RMSE-COVID		ND	0.07	0.07	0.07
RMSE-SP PRE COVID		ND	0.00	0.00	0.00
RMSE-SP COVID		ND	0.08	0.08	0.07
CALLAO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-7.41	-7.41
	ESP	ND	-0.44	-0.44	-2.03
	EET	ND	-1.52	-1.52	-1.52
	ET	ND	-9.37	-9.37	-9.37
	RMSE-PRE COVID	ND	0.01	0.01	0.01
	RMSE-COVID	ND	0.07	0.07	0.07
	RMSE-SP PRE COVID	ND	0.01	0.01	0.01
	RMSE-SP COVID	ND	0.07	0.07	0.05

CAÑETE TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-1.89	-1.85	ND
	ESP	ND	-0.73	-0.77	ND
	EET	ND	-1.35	-1.35	ND
	ET	ND	-3.97	-3.97	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.03	0.03	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.03	0.03	ND
	CUSCO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-7.45	-8.47
ESP		ND	0.38	1.40	0.17
EET		ND	-1.73	-1.73	-1.73
ET		ND	-8.80	-8.80	-8.80
RMSE-PRE COVID		ND	0.01	0.01	0.01
RMSE-COVID		ND	0.07	0.07	0.07
RMSE-SP PRE COVID		ND	0.01	0.01	0.01
RMSE-SP COVID		ND	0.07	0.08	0.07
HUANCAVELICA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	3.54	3.56
	ESP	ND	-1.51	-1.53	-2.40
	EET	ND	-2.39	-2.39	-2.39
	ET	ND	-0.36	-0.36	-0.36
	RMSE-PRE COVID	ND	0.01	0.01	0.01
	RMSE-COVID	ND	0.02	0.02	0.02
	RMSE-SP PRE COVID	ND	0.01	0.01	0.01
	RMSE-SP COVID	ND	0.04	0.04	0.05
	HUANCAYO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	-4.69	-4.68	-4.67
ESP		0.14	0.13	0.12	-0.39
EET		-1.29	-1.29	-1.29	-1.29
ET		-5.85	-5.85	-5.85	-5.85
RMSE-PRE COVID		0.01	0.01	0.01	0.01
RMSE-COVID		0.05	0.05	0.05	0.05
RMSE-SP PRE COVID		0.01	0.01	0.01	0.01
RMSE-SP COVID		0.05	0.05	0.05	0.05
HUANUCO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	-3.84	-3.82
	ESP	ND	-0.29	-0.30	-0.71
	EET	ND	-1.19	-1.19	-1.19
	ET	ND	-5.32	-5.32	-5.32
	RMSE-PRE COVID	ND	0.00	0.00	0.00
	RMSE-COVID	ND	0.05	0.05	0.05
	RMSE-SP PRE COVID	ND	0.00	0.00	0.00
	RMSE-SP COVID	ND	0.04	0.04	0.04
	HUARAZ TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	-5.10	-5.12
ESP		ND	-0.44	-0.42	-1.34
EET		ND	-1.14	-1.14	-1.14
ET		ND	-6.69	-6.69	-6.69
RMSE-PRE COVID		ND	0.01	0.01	0.01
RMSE-COVID		ND	0.06	0.06	0.06
RMSE-SP PRE COVID		ND	0.01	0.01	0.01
RMSE-SP COVID		ND	0.06	0.06	0.05



HUAURA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-1.85	-1.90	ND
	ESP	ND	-0.13	-0.08	ND
	EET	ND	-1.25	-1.25	ND
	ET	ND	-3.23	-3.23	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.04	0.04	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.04	0.04	ND
ICA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-2.83	-2.83	-2.80
	ESP	ND	0.85	0.85	0.82
	EET	ND	-0.93	-0.93	-0.93
	ET	ND	-2.91	-2.91	-2.91
	RMSE-PRE COVID	ND	0.00	0.00	0.00
	RMSE-COVID	ND	0.02	0.02	0.02
	RMSE-SP PRE COVID	ND	0.00	0.00	0.00
	RMSE-SP COVID	ND	0.03	0.03	0.03
ILO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-7.07	-7.03	-7.23
	ESP	ND	1.53	1.49	1.69
	EET	ND	-1.59	-1.59	-1.59
	ET	ND	-7.13	-7.13	-7.13
	RMSE-PRE COVID	ND	0.01	0.01	0.01
	RMSE-COVID	ND	0.05	0.05	0.05
	RMSE-SP PRE COVID	ND	0.01	0.01	0.01
	RMSE-SP COVID	ND	0.07	0.07	0.07
ISLAY TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	5.55	5.54	5.56
	ESP	ND	-1.29	-1.28	-1.30
	EET	ND	-2.82	-2.82	-2.82
	ET	ND	1.44	1.44	1.44
	RMSE-PRE COVID	ND	0.02	0.02	0.02
	RMSE-COVID	ND	0.05	0.05	0.05
	RMSE-SP PRE COVID	ND	0.02	0.02	0.02
	RMSE-SP COVID	ND	0.07	0.07	0.07
LIMA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-5.05	-5.17	-3.64
	ESP	ND	-1.15	-1.03	-2.56
	EET	ND	-1.43	-1.43	-1.43
	ET	ND	-7.63	-7.63	-7.63
	RMSE-PRE COVID	ND	0.01	0.01	0.01
	RMSE-COVID	ND	0.07	0.07	0.07
	RMSE-SP PRE COVID	ND	0.01	0.01	0.01
	RMSE-SP COVID	ND	0.06	0.06	0.05
MARISCAL RAMON CASTILLA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	1.41	1.41	1.41	1.59
	ESP	-0.38	-0.38	-0.38	-0.55
	EET	-0.92	-0.92	-0.92	-0.92
	ET	0.11	0.11	0.11	0.11
	RMSE-PRE COVID	0.01	0.01	0.01	0.01
	RMSE-COVID	0.02	0.02	0.02	0.02
	RMSE-SP PRE COVID	0.01	0.01	0.01	0.01
	RMSE-SP COVID	0.03	0.03	0.03	0.03

MOYOBAMBA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-3.06	-3.02	-3.87
	ESP	ND	0.36	0.32	1.17
	EET	ND	-1.06	-1.06	-1.06
	ET	ND	-3.76	-3.76	-3.76
	RMSE-PRE COVID	ND	0.00	0.00	0.00
	RMSE-COVID	ND	0.03	0.03	0.03
	RMSE-SP PRE COVID	ND	0.00	0.00	0.00
	RMSE-SP COVID	ND	0.03	0.03	0.04
	PISCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-3.34	-3.34
ESP		ND	0.51	0.51	ND
EET		ND	-1.00	-1.00	ND
ET		ND	-3.83	-3.83	ND
RMSE-PRE COVID		ND	0.01	0.01	ND
RMSE-COVID		ND	0.03	0.03	ND
RMSE-SP PRE COVID		ND	0.01	0.01	ND
RMSE-SP COVID		ND	0.04	0.04	ND
SAN ROMAN TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	-5.00	-4.81
	ESP	ND	0.06	-0.13	-1.21
	EET	ND	-1.12	-1.12	-1.12
	ET	ND	-6.07	-6.07	-6.07
	RMSE-PRE COVID	ND	0.01	0.01	0.01
	RMSE-COVID	ND	0.05	0.05	0.05
	RMSE-SP PRE COVID	ND	0.01	0.01	0.01
	RMSE-SP COVID	ND	0.05	0.05	0.04
	TACNA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-3.41	-3.42
ESP		ND	0.34	0.35	0.08
EET		ND	-1.57	-1.57	-1.57
ET		ND	-4.64	-4.64	-4.64
RMSE-PRE COVID		ND	0.00	0.00	0.00
RMSE-COVID		ND	0.03	0.03	0.03
RMSE-SP PRE COVID		ND	0.00	0.00	0.00
RMSE-SP COVID		ND	0.03	0.03	0.03
TRUJILLO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-6.95	-7.05
	ESP	ND	-0.16	-0.07	-0.60
	EET	ND	-1.18	-1.18	-1.18
	ET	ND	-8.30	-8.30	-8.30
	RMSE-PRE COVID	ND	0.00	0.00	0.00
	RMSE-COVID	ND	0.08	0.08	0.08
	RMSE-SP PRE COVID	ND	0.00	0.00	0.00
	RMSE-SP COVID	ND	0.07	0.08	0.07
	TUMBES TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-2.78	-2.80
ESP		ND	-0.05	-0.03	ND
EET		ND	-1.13	-1.13	ND
ET		ND	-3.96	-3.96	ND
RMSE-PRE COVID		ND	0.00	0.00	ND
RMSE-COVID		ND	0.04	0.04	ND
RMSE-SP PRE COVID		ND	0.00	0.00	ND
RMSE-SP COVID		ND	0.04	0.04	ND

ZARUMILLA	EC&P	-5.38	-5.38	-5.47	-4.93
TEST SP: $\alpha \leq 10\%$	ESP	0.59	0.59	0.68	0.14
TEST TE: $\alpha \leq 1\%$	EET	-0.32	-0.32	-0.32	-0.32
	ET	-5.11	-5.11	-5.11	-5.11
	RMSE-PRE COVID	0.01	0.01	0.01	0.01
	RMSE-COVID	0.05	0.05	0.05	0.05
	RMSE-SP PRE COVID	0.01	0.01	0.01	0.01
	RMSE-SP COVID	0.06	0.06	0.06	0.05
Ingreso real Promedio {'S1': 0.0, 'S2': 0.0, 'S3': 23.0, 'S4': 20.0} S1 : [372.22] S2 : [372.22, 398.76, 439.23] S3 : [372.22, 398.76, 439.23, 443.03, 460.76] S4 : < 640.49					
ANGARAES	EC&P	ND	ND	4.28	3.76
TEST SP: $\alpha \leq 5\%$	ESP	ND	ND	-2.24	-1.72
TEST TE: $\alpha \leq 1\%$	EET	ND	ND	-2.28	-2.28
	ET	ND	ND	-0.24	-0.24
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.02	0.02
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.05	0.04
AREQUIPA	EC&P	ND	ND	-6.65	-5.59
TEST SP: $\alpha \leq 5\%$	ESP	ND	ND	0.12	-0.94
TEST TE: $\alpha \leq 1\%$	EET	ND	ND	-0.79	-0.79
	ET	ND	ND	-7.32	-7.32
	RMSE-PRE COVID	ND	ND	0.00	0.00
	RMSE-COVID	ND	ND	0.07	0.07
	RMSE-SP PRE COVID	ND	ND	0.00	0.00
	RMSE-SP COVID	ND	ND	0.08	0.07
CALLAO	EC&P	ND	ND	-7.27	-6.86
TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	-0.58	-0.99
TEST TE: $\alpha \leq 1\%$	EET	ND	ND	-1.52	-1.52
	ET	ND	ND	-9.37	-9.37
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.07	0.07
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.07	0.06
CAÑETE	EC&P	ND	ND	-1.86	-1.73
TEST SP: $\alpha \leq 5\%$	ESP	ND	ND	-0.76	-0.89
TEST TE: $\alpha \leq 1\%$	EET	ND	ND	-1.35	-1.35
	ET	ND	ND	-3.97	-3.97
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.03	0.03
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.03	0.03

CHANCHAMAYO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-1.31	ND
	ESP	ND	ND	0.05	ND
	EET	ND	ND	-0.62	ND
	ET	ND	ND	-1.89	ND
	RMSE-PRE COVID	ND	ND	0.01	ND
	RMSE-COVID	ND	ND	0.02	ND
	RMSE-SP PRE COVID	ND	ND	0.01	ND
	RMSE-SP COVID	ND	ND	0.02	ND
CUSCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-7.46	-6.51
	ESP	ND	ND	0.39	-0.56
	EET	ND	ND	-1.73	-1.73
	ET	ND	ND	-8.80	-8.80
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.07	0.07
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.07	0.06
GENERAL SANCHEZ CERRO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	2.70
	ESP	ND	ND	ND	-2.09
	EET	ND	ND	ND	-1.45
	ET	ND	ND	ND	-0.84
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.01
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.03
HUAMANGA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-3.22
	ESP	ND	ND	ND	-0.92
	EET	ND	ND	ND	-0.50
	ET	ND	ND	ND	-4.65
	RMSE-PRE COVID	ND	ND	ND	0.00
	RMSE-COVID	ND	ND	ND	0.05
	RMSE-SP PRE COVID	ND	ND	ND	0.00
	RMSE-SP COVID	ND	ND	ND	0.04
HUANCAVELICA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	3.54	4.09
	ESP	ND	ND	-1.52	-2.06
	EET	ND	ND	-2.39	-2.39
	ET	ND	ND	-0.36	-0.36
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.02	0.02
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.04	0.04
HUANCAYO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-4.79	-4.43
	ESP	ND	ND	0.23	-0.12
	EET	ND	ND	-1.29	-1.29
	ET	ND	ND	-5.85	-5.85
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.05	0.05

HUANUCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-3.84	-3.66
	ESP	ND	ND	-0.29	-0.46
	EET	ND	ND	-1.19	-1.19
	ET	ND	ND	-5.32	-5.32
	RMSE-PRE COVID	ND	ND	0.00	0.00
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.00	0.00
	RMSE-SP COVID	ND	ND	0.04	0.04
HUARAZ TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-5.21	-4.32
	ESP	ND	ND	-0.34	-1.23
	EET	ND	ND	-1.14	-1.14
	ET	ND	ND	-6.69	-6.69
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.06	0.06
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.06	0.05
HUAURA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-1.71	ND
	ESP	ND	ND	-0.27	ND
	EET	ND	ND	-1.25	ND
	ET	ND	ND	-3.23	ND
	RMSE-PRE COVID	ND	ND	0.01	ND
	RMSE-COVID	ND	ND	0.04	ND
	RMSE-SP PRE COVID	ND	ND	0.01	ND
	RMSE-SP COVID	ND	ND	0.04	ND
ICA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-2.77	ND
	ESP	ND	ND	0.80	ND
	EET	ND	ND	-0.93	ND
	ET	ND	ND	-2.91	ND
	RMSE-PRE COVID	ND	ND	0.00	ND
	RMSE-COVID	ND	ND	0.02	ND
	RMSE-SP PRE COVID	ND	ND	0.00	ND
	RMSE-SP COVID	ND	ND	0.03	ND
ILO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-7.07	-6.04
	ESP	ND	ND	1.53	0.50
	EET	ND	ND	-1.59	-1.59
	ET	ND	ND	-7.13	-7.13
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.07	0.06
ISLAY TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	5.56	4.27
	ESP	ND	ND	-1.30	-0.01
	EET	ND	ND	-2.82	-2.82
	ET	ND	ND	1.44	1.44
	RMSE-PRE COVID	ND	ND	0.02	0.02
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.02	0.02
	RMSE-SP COVID	ND	ND	0.07	0.05

LIMA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-4.92	-4.82
	ESP	ND	ND	-1.28	-1.38
	EET	ND	ND	-1.43	-1.43
	ET	ND	ND	-7.63	-7.63
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.07	0.07
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.06	0.06
	MARISCAL RAMON CASTILLA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	1.44
ESP		ND	ND	-0.41	-1.54
EET		ND	ND	-0.92	-0.92
ET		ND	ND	0.11	0.11
RMSE-PRE COVID		ND	ND	0.01	0.01
RMSE-COVID		ND	ND	0.02	0.02
RMSE-SP PRE COVID		ND	ND	0.01	0.01
RMSE-SP COVID		ND	ND	0.03	0.04
MOYOBAMBA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	-3.23
	ESP	ND	ND	0.53	ND
	EET	ND	ND	-1.06	ND
	ET	ND	ND	-3.76	ND
	RMSE-PRE COVID	ND	ND	0.00	ND
	RMSE-COVID	ND	ND	0.03	ND
	RMSE-SP PRE COVID	ND	ND	0.00	ND
	RMSE-SP COVID	ND	ND	0.03	ND
	PISCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-3.38
ESP		ND	ND	0.54	ND
EET		ND	ND	-1.00	ND
ET		ND	ND	-3.83	ND
RMSE-PRE COVID		ND	ND	0.01	ND
RMSE-COVID		ND	ND	0.03	ND
RMSE-SP PRE COVID		ND	ND	0.01	ND
RMSE-SP COVID		ND	ND	0.04	ND
SAN ROMAN TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	-4.84
	ESP	ND	ND	-0.10	-0.12
	EET	ND	ND	-1.12	-1.12
	ET	ND	ND	-6.07	-6.07
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.05	0.05
	TACNA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-3.41
ESP		ND	ND	0.34	0.03
EET		ND	ND	-1.57	-1.57
ET		ND	ND	-4.64	-4.64
RMSE-PRE COVID		ND	ND	0.00	0.00
RMSE-COVID		ND	ND	0.03	0.03
RMSE-SP PRE COVID		ND	ND	0.00	0.00
RMSE-SP COVID		ND	ND	0.03	0.03

TRUJILLO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-6.93	-6.88
	ESP	ND	ND	-0.19	-0.23
	EET	ND	ND	-1.18	-1.18
	ET	ND	ND	-8.30	-8.30
	RMSE-PRE COVID	ND	ND	0.00	0.00
	RMSE-COVID	ND	ND	0.08	0.08
	RMSE-SP PRE COVID	ND	ND	0.00	0.00
	RMSE-SP COVID	ND	ND	0.07	0.07
TUMBES TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-2.96	-3.06
	ESP	ND	ND	0.13	0.24
	EET	ND	ND	-1.13	-1.13
	ET	ND	ND	-3.96	-3.96
	RMSE-PRE COVID	ND	ND	0.00	0.00
	RMSE-COVID	ND	ND	0.04	0.04
	RMSE-SP PRE COVID	ND	ND	0.00	0.00
	RMSE-SP COVID	ND	ND	0.04	0.04
ZARUMILLA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-5.48	-4.29
	ESP	ND	ND	0.69	-0.49
	EET	ND	ND	-0.32	-0.32
	ET	ND	ND	-5.11	-5.11
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.06	0.05
Tasa de Informalidad					
S1: [97.42]					
S2 : [95.87, 96.18, 97.42]					
S3 : [95.19, 95.32, 95.87, 96.18, 97.42]					
S4 : > 87.86					
ANGARAES TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	4.27	4.29	ND
	ESP	ND	-2.24	-2.25	ND
	EET	ND	-2.28	-2.28	ND
	ET	ND	-0.24	-0.24	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.02	0.02	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.05	0.05	ND
AREQUIPA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-6.62	-6.61	ND
	ESP	ND	0.09	0.09	ND
	EET	ND	-0.79	-0.79	ND
	ET	ND	-7.32	-7.32	ND
	RMSE-PRE COVID	ND	0.00	0.00	ND
	RMSE-COVID	ND	0.07	0.07	ND
	RMSE-SP PRE COVID	ND	0.00	0.00	ND
	RMSE-SP COVID	ND	0.07	0.07	ND

CAJAMARCA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-8.34	-8.34	ND
	ESP	ND	0.76	0.76	ND
	EET	ND	0.40	0.40	ND
	ET	ND	-7.19	-7.19	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.06	0.06	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.07	0.07	ND
CALLAO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-7.36	-7.25	ND
	ESP	ND	-0.49	-0.60	ND
	EET	ND	-1.52	-1.52	ND
	ET	ND	-9.37	-9.37	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.07	0.07	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.07	0.07	ND
CAÑETE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-1.90	-1.91	ND
	ESP	ND	-0.72	-0.71	ND
	EET	ND	-1.35	-1.35	ND
	ET	ND	-3.97	-3.97	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.03	0.03	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.03	0.03	ND
CUSCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-7.45	-7.38	ND
	ESP	ND	0.38	0.31	ND
	EET	ND	-1.73	-1.73	ND
	ET	ND	-8.80	-8.80	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.07	0.07	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.07	0.07	ND
HUANCAVELICA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	3.54	3.69	ND
	ESP	ND	-1.51	-1.66	ND
	EET	ND	-2.39	-2.39	ND
	ET	ND	-0.36	-0.36	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.02	0.02	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.04	0.04	ND
HUANCAYO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-4.67	-4.70	ND
	ESP	ND	0.12	0.15	ND
	EET	ND	-1.29	-1.29	ND
	ET	ND	-5.85	-5.85	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.05	0.05	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.05	0.05	ND



HUANUCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-3.84	-3.84	ND
	ESP	ND	-0.29	-0.29	ND
	EET	ND	-1.19	-1.19	ND
	ET	ND	-5.32	-5.32	ND
	RMSE-PRE COVID	ND	0.00	0.00	ND
	RMSE-COVID	ND	0.05	0.05	ND
	RMSE-SP PRE COVID	ND	0.00	0.00	ND
	RMSE-SP COVID	ND	0.04	0.04	ND
HUARAZ TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-5.18	-5.22	ND
	ESP	ND	-0.37	-0.33	ND
	EET	ND	-1.14	-1.14	ND
	ET	ND	-6.69	-6.69	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.06	0.06	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.06	0.06	ND
HUAURA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	-1.73	-1.72	ND
	ESP	ND	-0.24	-0.26	ND
	EET	ND	-1.25	-1.25	ND
	ET	ND	-3.23	-3.23	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.04	0.04	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.04	0.04	ND
ICA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-2.83	-2.76	ND
	ESP	ND	0.85	0.78	ND
	EET	ND	-0.93	-0.93	ND
	ET	ND	-2.91	-2.91	ND
	RMSE-PRE COVID	ND	0.00	0.00	ND
	RMSE-COVID	ND	0.02	0.02	ND
	RMSE-SP PRE COVID	ND	0.00	0.00	ND
	RMSE-SP COVID	ND	0.03	0.03	ND
ILO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-7.07	-7.16	ND
	ESP	ND	1.53	1.62	ND
	EET	ND	-1.59	-1.59	ND
	ET	ND	-7.13	-7.13	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.05	0.05	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.07	0.07	ND
ISLAY TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	5.55	5.55	ND
	ESP	ND	-1.29	-1.29	ND
	EET	ND	-2.82	-2.82	ND
	ET	ND	1.44	1.44	ND
	RMSE-PRE COVID	ND	0.02	0.02	ND
	RMSE-COVID	ND	0.05	0.05	ND
	RMSE-SP PRE COVID	ND	0.02	0.02	ND
	RMSE-SP COVID	ND	0.07	0.07	ND

LIMA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-4.90	-4.88	ND
	ESP	ND	-1.30	-1.32	ND
	EET	ND	-1.43	-1.43	ND
	ET	ND	-7.63	-7.63	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.07	0.07	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.06	0.06	ND
	MARISCAL RAMON CASTILLA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	1.41	1.41
ESP		ND	-0.38	-0.38	ND
EET		ND	-0.92	-0.92	ND
ET		ND	0.11	0.11	ND
RMSE-PRE COVID		ND	0.01	0.01	ND
RMSE-COVID		ND	0.02	0.02	ND
RMSE-SP PRE COVID		ND	0.01	0.01	ND
RMSE-SP COVID		ND	0.03	0.03	ND
MOYOBAMBA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-3.06	-3.10
	ESP	ND	0.36	0.40	ND
	EET	ND	-1.06	-1.06	ND
	ET	ND	-3.76	-3.76	ND
	RMSE-PRE COVID	ND	0.00	0.00	ND
	RMSE-COVID	ND	0.03	0.03	ND
	RMSE-SP PRE COVID	ND	0.00	0.00	ND
	RMSE-SP COVID	ND	0.03	0.03	ND
	PISCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-3.32	-3.37
ESP		ND	0.49	0.54	ND
EET		ND	-1.00	-1.00	ND
ET		ND	-3.83	-3.83	ND
RMSE-PRE COVID		ND	0.01	0.01	ND
RMSE-COVID		ND	0.03	0.03	ND
RMSE-SP PRE COVID		ND	0.01	0.01	ND
RMSE-SP COVID		ND	0.04	0.04	ND
SAN ROMAN TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	-4.99	-5.02
	ESP	ND	0.05	0.07	ND
	EET	ND	-1.12	-1.12	ND
	ET	ND	-6.07	-6.07	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.05	0.05	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.05	0.05	ND
	TACNA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-3.41	-3.43
ESP		ND	0.34	0.36	ND
EET		ND	-1.57	-1.57	ND
ET		ND	-4.64	-4.64	ND
RMSE-PRE COVID		ND	0.00	0.00	ND
RMSE-COVID		ND	0.03	0.03	ND
RMSE-SP PRE COVID		ND	0.00	0.00	ND
RMSE-SP COVID		ND	0.03	0.03	ND

TRUJILLO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-6.96	-6.87	ND
	ESP	ND	-0.16	-0.25	ND
	EET	ND	-1.18	-1.18	ND
	ET	ND	-8.30	-8.30	ND
	RMSE-PRE COVID	ND	0.00	0.00	ND
	RMSE-COVID	ND	0.08	0.08	ND
	RMSE-SP PRE COVID	ND	0.00	0.00	ND
	RMSE-SP COVID	ND	0.07	0.07	ND
	TUMBES TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	-2.78	-2.87
ESP		ND	-0.05	0.05	ND
EET		ND	-1.13	-1.13	ND
ET		ND	-3.96	-3.96	ND
RMSE-PRE COVID		ND	0.00	0.00	ND
RMSE-COVID		ND	0.04	0.04	ND
RMSE-SP PRE COVID		ND	0.00	0.00	ND
RMSE-SP COVID		ND	0.04	0.04	ND
ZARUMILLA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-5.39	-5.41
	ESP	ND	0.60	0.62	ND
	EET	ND	-0.32	-0.32	ND
	ET	ND	-5.11	-5.11	ND
	RMSE-PRE COVID	ND	0.01	0.01	ND
	RMSE-COVID	ND	0.05	0.05	ND
	RMSE-SP PRE COVID	ND	0.01	0.01	ND
	RMSE-SP COVID	ND	0.06	0.06	ND
	Densidad Geográfica S1: [71.43] S2: [53.47, 59.75, 71.43] S3 : [49.06, 49.52, 53.47, 59.75, 71.43] S4 : > 26.42				
ANGARAES TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	4.14	ND	ND
	ESP	ND	-2.11	ND	ND
	EET	ND	-2.28	ND	ND
	ET	ND	-0.24	ND	ND
	RMSE-PRE COVID	ND	0.01	ND	ND
	RMSE-COVID	ND	0.02	ND	ND
	RMSE-SP PRE COVID	ND	0.01	ND	ND
	RMSE-SP COVID	ND	0.05	ND	ND
	AREQUIPA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-6.60	ND
ESP		ND	0.08	ND	0.43
EET		ND	-0.79	ND	-0.79
ET		ND	-7.32	ND	-7.32
RMSE-PRE COVID		ND	0.00	ND	0.00
RMSE-COVID		ND	0.07	ND	0.07
RMSE-SP PRE COVID		ND	0.00	ND	0.00
RMSE-SP COVID		ND	0.07	ND	0.08

CAJAMARCA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-8.36	ND	ND
	ESP	ND	0.78	ND	ND
	EET	ND	0.40	ND	ND
	ET	ND	-7.19	ND	ND
	RMSE-PRE COVID	ND	0.01	ND	ND
	RMSE-COVID	ND	0.06	ND	ND
	RMSE-SP PRE COVID	ND	0.01	ND	ND
	RMSE-SP COVID	ND	0.07	ND	ND
CALLAO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-7.82	ND	-8.46
	ESP	ND	-0.03	ND	0.61
	EET	ND	-1.52	ND	-1.52
	ET	ND	-9.37	ND	-9.37
	RMSE-PRE COVID	ND	0.01	ND	0.01
	RMSE-COVID	ND	0.07	ND	0.07
	RMSE-SP PRE COVID	ND	0.01	ND	0.01
	RMSE-SP COVID	ND	0.07	ND	0.08
CAÑETE TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	-2.31	ND	-2.41
	ESP	ND	-0.31	ND	-0.21
	EET	ND	-1.35	ND	-1.35
	ET	ND	-3.97	ND	-3.97
	RMSE-PRE COVID	ND	0.01	ND	0.01
	RMSE-COVID	ND	0.03	ND	0.03
	RMSE-SP PRE COVID	ND	0.01	ND	0.01
	RMSE-SP COVID	ND	0.03	ND	0.03
CHANCHAMAYO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-1.31	ND	-1.48
	ESP	ND	0.05	ND	0.21
	EET	ND	-0.62	ND	-0.62
	ET	ND	-1.89	ND	-1.89
	RMSE-PRE COVID	ND	0.01	ND	0.01
	RMSE-COVID	ND	0.02	ND	0.02
	RMSE-SP PRE COVID	ND	0.01	ND	0.01
	RMSE-SP COVID	ND	0.02	ND	0.02
CUSCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-8.38	ND	-7.63
	ESP	ND	1.31	ND	0.56
	EET	ND	-1.73	ND	-1.73
	ET	ND	-8.80	ND	-8.80
	RMSE-PRE COVID	ND	0.01	ND	0.01
	RMSE-COVID	ND	0.07	ND	0.07
	RMSE-SP PRE COVID	ND	0.01	ND	0.01
	RMSE-SP COVID	ND	0.08	ND	0.07
HUANCAVELICA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	3.46	ND	ND
	ESP	ND	-1.43	ND	ND
	EET	ND	-2.39	ND	ND
	ET	ND	-0.36	ND	ND
	RMSE-PRE COVID	ND	0.01	ND	ND
	RMSE-COVID	ND	0.02	ND	ND
	RMSE-SP PRE COVID	ND	0.01	ND	ND
	RMSE-SP COVID	ND	0.04	ND	ND

HUANCAYO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-4.75	ND	-4.46
	ESP	ND	0.20	ND	-0.10
	EET	ND	-1.29	ND	-1.29
	ET	ND	-5.85	ND	-5.85
	RMSE-PRE COVID	ND	0.01	ND	0.01
	RMSE-COVID	ND	0.05	ND	0.05
	RMSE-SP PRE COVID	ND	0.01	ND	0.01
	RMSE-SP COVID	ND	0.05	ND	0.05
HUANUCO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-4.39	ND	-5.07
	ESP	ND	0.26	ND	0.94
	EET	ND	-1.19	ND	-1.19
	ET	ND	-5.32	ND	-5.32
	RMSE-PRE COVID	ND	0.00	ND	0.00
	RMSE-COVID	ND	0.05	ND	0.05
	RMSE-SP PRE COVID	ND	0.00	ND	0.00
	RMSE-SP COVID	ND	0.05	ND	0.06
HUARAZ TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-5.67	ND	-6.43
	ESP	ND	0.12	ND	0.88
	EET	ND	-1.14	ND	-1.14
	ET	ND	-6.69	ND	-6.69
	RMSE-PRE COVID	ND	0.01	ND	0.01
	RMSE-COVID	ND	0.06	ND	0.06
	RMSE-SP PRE COVID	ND	0.01	ND	0.01
	RMSE-SP COVID	ND	0.06	ND	0.07
HUAURA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-1.85	ND	-3.04
	ESP	ND	-0.13	ND	1.06
	EET	ND	-1.25	ND	-1.25
	ET	ND	-3.23	ND	-3.23
	RMSE-PRE COVID	ND	0.01	ND	0.01
	RMSE-COVID	ND	0.04	ND	0.04
	RMSE-SP PRE COVID	ND	0.01	ND	0.01
	RMSE-SP COVID	ND	0.04	ND	0.05
ICA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-2.76	ND	-3.05
	ESP	ND	0.78	ND	1.07
	EET	ND	-0.93	ND	-0.93
	ET	ND	-2.91	ND	-2.91
	RMSE-PRE COVID	ND	0.00	ND	0.00
	RMSE-COVID	ND	0.02	ND	0.02
	RMSE-SP PRE COVID	ND	0.00	ND	0.00
	RMSE-SP COVID	ND	0.03	ND	0.03
ILO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-7.01	ND	-7.35
	ESP	ND	1.47	ND	1.81
	EET	ND	-1.59	ND	-1.59
	ET	ND	-7.13	ND	-7.13
	RMSE-PRE COVID	ND	0.01	ND	0.01
	RMSE-COVID	ND	0.05	ND	0.05
	RMSE-SP PRE COVID	ND	0.01	ND	0.01
	RMSE-SP COVID	ND	0.07	ND	0.07

ISLAY TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	5.58	ND	ND
	ESP	ND	-1.32	ND	ND
	EET	ND	-2.82	ND	ND
	ET	ND	1.44	ND	ND
	RMSE-PRE COVID	ND	0.02	ND	ND
	RMSE-COVID	ND	0.05	ND	ND
	RMSE-SP PRE COVID	ND	0.02	ND	ND
	RMSE-SP COVID	ND	0.07	ND	ND
LIMA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-7.13
	ESP	ND	ND	ND	0.93
	EET	ND	ND	ND	-1.43
	ET	ND	ND	ND	-7.63
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.07
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.08
MARISCAL RAMON CASTILLA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	1.44	ND	ND
	ESP	ND	-0.41	ND	ND
	EET	ND	-0.92	ND	ND
	ET	ND	0.11	ND	ND
	RMSE-PRE COVID	ND	0.01	ND	ND
	RMSE-COVID	ND	0.02	ND	ND
	RMSE-SP PRE COVID	ND	0.01	ND	ND
	RMSE-SP COVID	ND	0.03	ND	ND
MOYOBAMBA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	-3.12	ND	-2.67
	ESP	ND	0.41	ND	-0.03
	EET	ND	-1.06	ND	-1.06
	ET	ND	-3.76	ND	-3.76
	RMSE-PRE COVID	ND	0.00	ND	0.00
	RMSE-COVID	ND	0.03	ND	0.03
	RMSE-SP PRE COVID	ND	0.00	ND	0.00
	RMSE-SP COVID	ND	0.03	ND	0.03
PISCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	-3.28	ND	-3.28
	ESP	ND	0.44	ND	0.44
	EET	ND	-1.00	ND	-1.00
	ET	ND	-3.83	ND	-3.83
	RMSE-PRE COVID	ND	0.01	ND	0.01
	RMSE-COVID	ND	0.03	ND	0.03
	RMSE-SP PRE COVID	ND	0.01	ND	0.01
	RMSE-SP COVID	ND	0.04	ND	0.04
PUNO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	-3.45	ND	-4.30
	ESP	ND	-0.35	ND	0.49
	EET	ND	-1.24	ND	-1.24
	ET	ND	-5.05	ND	-5.05
	RMSE-PRE COVID	ND	0.01	ND	0.01
	RMSE-COVID	ND	0.04	ND	0.04
	RMSE-SP PRE COVID	ND	0.01	ND	0.01
	RMSE-SP COVID	ND	0.04	ND	0.04

SAN ROMAN TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-5.38	ND	-5.37
	ESP	ND	0.44	ND	0.42
	EET	ND	-1.12	ND	-1.12
	ET	ND	-6.07	ND	-6.07
	RMSE-PRE COVID	ND	0.01	ND	0.01
	RMSE-COVID	ND	0.05	ND	0.05
	RMSE-SP PRE COVID	ND	0.01	ND	0.01
	RMSE-SP COVID	ND	0.05	ND	0.05
TACNA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-3.52	ND	-4.41
	ESP	ND	0.45	ND	1.34
	EET	ND	-1.57	ND	-1.57
	ET	ND	-4.64	ND	-4.64
	RMSE-PRE COVID	ND	0.00	ND	0.00
	RMSE-COVID	ND	0.03	ND	0.03
	RMSE-SP PRE COVID	ND	0.00	ND	0.00
	RMSE-SP COVID	ND	0.04	ND	0.04
TRUJILLO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-7.11	ND	-7.85
	ESP	ND	-0.01	ND	0.73
	EET	ND	-1.18	ND	-1.18
	ET	ND	-8.30	ND	-8.30
	RMSE-PRE COVID	ND	0.00	ND	0.00
	RMSE-COVID	ND	0.08	ND	0.08
	RMSE-SP PRE COVID	ND	0.00	ND	0.00
	RMSE-SP COVID	ND	0.08	ND	0.08
TUMBES TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	-2.97	ND	-2.89
	ESP	ND	0.15	ND	0.07
	EET	ND	-1.13	ND	-1.13
	ET	ND	-3.96	ND	-3.96
	RMSE-PRE COVID	ND	0.00	ND	0.00
	RMSE-COVID	ND	0.04	ND	0.04
	RMSE-SP PRE COVID	ND	0.00	ND	0.00
	RMSE-SP COVID	ND	0.04	ND	0.04
ZARUMILLA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-5.45	ND	-5.14
	ESP	ND	0.67	ND	0.36
	EET	ND	-0.32	ND	-0.32
	ET	ND	-5.11	ND	-5.11
	RMSE-PRE COVID	ND	0.01	ND	0.01
	RMSE-COVID	ND	0.05	ND	0.05
	RMSE-SP PRE COVID	ND	0.01	ND	0.01
	RMSE-SP COVID	ND	0.06	ND	0.05

**Fuente:** INEI-ENAH0 (2022), INEI (2022a). MINSA (2022). Elaboración propia.

CUADRO A2. EFECTOS SOBRE LA PEA OCUPADA FORMAL

PROVINCIA	EFECTOS EN PORCENTAJES DEL NIVEL DE LA PEAOC FORMAL DEL TRIMESTRE 2020.I	S1	S2	S3	S4	
Tasa de Delincuencia o Criminalidad						
S1: [135.2]						
S2 : [89.6, 120.8, 135.2]						
S3 : [76.9, 81.7, 89.6, 120.8, 135.2]						
S4 : > 47.81						
JORGE BASADRE	EC&P	ND	ND	ND	-30.82	
	TEST SP: $\alpha \leq 10\%$	ESP	ND	ND	ND	4.88
	EET	ND	ND	ND	-5.48	
	TEST TE: $\alpha \leq 10\%$	ET	ND	ND	ND	-31.41
	RMSE-PRE COVID	ND	ND	ND	ND	0.19
	RMSE-COVID	ND	ND	ND	ND	0.81
	RMSE-SP PRE COVID	ND	ND	ND	ND	0.19
	RMSE-SP COVID	ND	ND	ND	ND	0.93
	LIMA	EC&P	ND	ND	ND	-8.19
		TEST SP: $\alpha \leq 10\%$	ESP	ND	ND	ND
EET		ND	ND	ND	-8.31	
TEST TE: $\alpha \leq 10\%$		ET	ND	ND	ND	-8.95
RMSE-PRE COVID		ND	ND	ND	ND	0.08
RMSE-COVID		ND	ND	ND	ND	0.15
RMSE-SP PRE COVID		ND	ND	ND	ND	0.08
RMSE-SP COVID		ND	ND	ND	ND	0.28
PASCO		EC&P	ND	ND	ND	-10.85
		TEST SP: $\alpha \leq 10\%$	ESP	ND	ND	ND
	EET	ND	ND	ND	-6.89	
	TEST TE: $\alpha \leq 1\%$	ET	ND	ND	ND	-17.95
	RMSE-PRE COVID	ND	ND	ND	ND	0.03
	RMSE-COVID	ND	ND	ND	ND	0.16
	RMSE-SP PRE COVID	ND	ND	ND	ND	0.03
	RMSE-SP COVID	ND	ND	ND	ND	0.15
	Densidad del Número de Miembros del Hogar					
	S1: [4.98]					
S2 : [4.52, 4.55, 4.98]						
S3 : [4.12, 4.31, 4.52, 4.55, 4.98]						
S4 : > 3.45						
BELLAVISTA	EC&P	ND	ND	-22.65	ND	
	TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	2.31	ND
	EET	ND	ND	-31.01	ND	
	TEST TE: $\alpha \leq 1\%$	ET	ND	ND	-51.34	ND
	RMSE-PRE COVID	ND	ND	0.07	ND	
	RMSE-COVID	ND	ND	0.18	ND	
	RMSE-SP PRE COVID	ND	ND	0.07	ND	
	RMSE-SP COVID	ND	ND	0.19	ND	
	CAYLLOMA	EC&P	ND	ND	-19.03	ND
		TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	10.66
EET		ND	ND	-17.19	ND	
TEST TE: $\alpha \leq 5\%$		ET	ND	ND	-25.55	ND
RMSE-PRE COVID		ND	ND	0.05	ND	
RMSE-COVID		ND	ND	0.11	ND	
RMSE-SP PRE COVID		ND	ND	0.05	ND	
RMSE-SP COVID		ND	ND	0.18	ND	
HUARAL		EC&P	ND	ND	ND	-22.58
		TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND
	EET	ND	ND	ND	-8.60	
	TEST TE: $\alpha \leq 1\%$	ET	ND	ND	ND	-18.56
	RMSE-PRE COVID	ND	ND	ND	ND	0.06
	RMSE-COVID	ND	ND	ND	ND	0.14
	RMSE-SP PRE COVID	ND	ND	ND	ND	0.06
	RMSE-SP COVID	ND	ND	ND	ND	0.25



JORGE BASADRE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-27.72	-27.75	
	ESP	ND	ND	1.78	1.81	
	EET	ND	ND	-5.48	-5.48	
	ET	ND	ND	-31.41	-31.41	
	RMSE-PRE COVID	ND	ND	0.19	0.19	
	RMSE-COVID	ND	ND	0.81	0.81	
	RMSE-SP PRE COVID	ND	ND	0.19	0.19	
	RMSE-SP COVID	ND	ND	0.86	0.86	
	PASCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-13.12	ND
		ESP	ND	ND	2.07	ND
EET		ND	ND	-6.89	ND	
ET		ND	ND	-17.95	ND	
RMSE-PRE COVID		ND	ND	0.03	ND	
RMSE-COVID		ND	ND	0.16	ND	
RMSE-SP PRE COVID		ND	ND	0.03	ND	
RMSE-SP COVID		ND	ND	0.18	ND	
SULLANA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	20.61	ND
		ESP	ND	ND	5.21	ND
	EET	ND	ND	-9.72	ND	
	ET	ND	ND	16.11	ND	
	RMSE-PRE COVID	ND	ND	0.05	ND	
	RMSE-COVID	ND	ND	0.25	ND	
	RMSE-SP PRE COVID	ND	ND	0.05	ND	
	RMSE-SP COVID	ND	ND	0.22	ND	
	ZARUMILLA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-18.06
		ESP	ND	ND	ND	27.95
EET		ND	ND	ND	-43.46	
ET		ND	ND	ND	-33.57	
RMSE-PRE COVID		ND	ND	ND	0.07	
RMSE-COVID		ND	ND	ND	0.06	
RMSE-SP PRE COVID		ND	ND	ND	0.07	
RMSE-SP COVID		ND	ND	ND	0.21	
Edad Promedio del Jefe del Hogar (entre 15 y 65 años) S1: [57.45] S2 : [56.98, 57.18, 57.45] S3 : [55.76, 56.2, 56.98, 57.18, 57.45] S4 : > 52.43						
BELLAVISTA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	ND	-53.36
	ESP	ND	ND	ND	33.03	
	EET	ND	ND	ND	-31.01	
	ET	ND	ND	ND	-51.34	
	RMSE-PRE COVID	ND	ND	ND	0.07	
	RMSE-COVID	ND	ND	ND	0.18	
	RMSE-SP PRE COVID	ND	ND	ND	0.07	
	RMSE-SP COVID	ND	ND	ND	0.38	
	CALLAO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-4.62	ND
		ESP	ND	ND	2.12	ND
EET		ND	ND	-7.85	ND	
ET		ND	ND	-10.35	ND	
RMSE-PRE COVID		ND	ND	0.08	ND	
RMSE-COVID		ND	ND	0.15	ND	
RMSE-SP PRE COVID		ND	ND	0.08	ND	
RMSE-SP COVID		ND	ND	0.18	ND	
CAYLLOMA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	ND	-28.09
		ESP	ND	ND	ND	19.72
	EET	ND	ND	ND	-17.19	
	ET	ND	ND	ND	-25.55	
	RMSE-PRE COVID	ND	ND	ND	0.05	
	RMSE-COVID	ND	ND	ND	0.11	
	RMSE-SP PRE COVID	ND	ND	ND	0.05	
	RMSE-SP COVID	ND	ND	ND	0.25	

CHACHAPOYAS	EC&P	ND	ND	ND	-15.28	
	TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	20.99	
	TEST TE: $\alpha \leq 10\%$	EET	ND	ND	ND	-16.06
		ET	ND	ND	ND	-10.35
		RMSE-PRE COVID	ND	ND	ND	0.08
		RMSE-COVID	ND	ND	ND	0.09
		RMSE-SP PRE COVID	ND	ND	ND	0.08
		RMSE-SP COVID	ND	ND	ND	0.32
	CUSCO	EC&P	ND	ND	ND	-17.47
TEST SP: $\alpha \leq 1\%$		ESP	ND	ND	ND	9.00
TEST TE: $\alpha \leq 1\%$		EET	ND	ND	ND	-10.18
		ET	ND	ND	ND	-18.65
		RMSE-PRE COVID	ND	ND	ND	0.14
		RMSE-COVID	ND	ND	ND	0.35
		RMSE-SP PRE COVID	ND	ND	ND	0.14
		RMSE-SP COVID	ND	ND	ND	0.52
JORGE BASADRE		EC&P	ND	ND	ND	-32.38
	TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	6.45
	TEST TE: $\alpha \leq 1\%$	EET	ND	ND	ND	-5.48
		ET	ND	ND	ND	-31.41
		RMSE-PRE COVID	ND	ND	ND	0.19
		RMSE-COVID	ND	ND	ND	0.81
		RMSE-SP PRE COVID	ND	ND	ND	0.19
		RMSE-SP COVID	ND	ND	ND	0.93
	LIMA	EC&P	ND	ND	ND	-9.83
TEST SP: $\alpha \leq 1\%$		ESP	ND	ND	ND	9.19
TEST TE: $\alpha \leq 1\%$		EET	ND	ND	ND	-8.31
		ET	ND	ND	ND	-8.95
		RMSE-PRE COVID	ND	ND	ND	0.08
		RMSE-COVID	ND	ND	ND	0.15
		RMSE-SP PRE COVID	ND	ND	ND	0.08
		RMSE-SP COVID	ND	ND	ND	0.31
MARISCAL NIETO		EC&P	ND	ND	ND	-12.84
	TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	4.78
	TEST TE: $\alpha \leq 5\%$	EET	ND	ND	ND	-7.14
		ET	ND	ND	ND	-15.20
		RMSE-PRE COVID	ND	ND	ND	0.06
		RMSE-COVID	ND	ND	ND	0.10
		RMSE-SP PRE COVID	ND	ND	ND	0.06
		RMSE-SP COVID	ND	ND	ND	0.19
	MOYOBAMBA	EC&P	ND	ND	ND	-21.01
TEST SP: $\alpha \leq 1\%$		ESP	ND	ND	ND	9.02
TEST TE: $\alpha \leq 5\%$		EET	ND	ND	ND	-10.54
		ET	ND	ND	ND	-22.52
		RMSE-PRE COVID	ND	ND	ND	0.06
		RMSE-COVID	ND	ND	ND	0.19
		RMSE-SP PRE COVID	ND	ND	ND	0.06
		RMSE-SP COVID	ND	ND	ND	0.29
TACNA		EC&P	ND	ND	ND	-12.1
	TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	9.48
	TEST TE: $\alpha \leq 1\%$	EET	ND	ND	ND	-11.4
		ET	ND	ND	ND	-14.0
		RMSE-PRE COVID	ND	ND	ND	0.04
		RMSE-COVID	ND	ND	ND	0.10
		RMSE-SP PRE COVID	ND	ND	ND	0.04
		RMSE-SP COVID	ND	ND	ND	0.20

TAMBOPATA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	-10.4
	ESP	ND	ND	ND	15.44
	EET	ND	ND	ND	-16.2
	ET	ND	ND	ND	-11.2
	RMSE-PRE COVID	ND	ND	ND	0.05
	RMSE-COVID	ND	ND	ND	0.05
	RMSE-SP PRE COVID	ND	ND	ND	0.05
	RMSE-SP COVID	ND	ND	ND	0.20
	Porcentaje de Mujeres entre 15-65 años del total de miembros del hogar S1: [56.74] S2 : [52.23, 52.32, 56.74] S3 : [51.54, 51.58, 52.23, 52.32, 56.74] S4 : > 46.0				
BELLAVISTA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-33.01	ND
	ESP	ND	ND	12.67	ND
	EET	ND	ND	-31.01	ND
	ET	ND	ND	-51.34	ND
	RMSE-PRE COVID	ND	ND	0.07	ND
	RMSE-COVID	ND	ND	0.18	ND
	RMSE-SP PRE COVID	ND	ND	0.07	ND
	RMSE-SP COVID	ND	ND	0.25	ND
	CHICLAYO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	-0.21
EET		ND	ND	ND	-17.84
ET		ND	ND	ND	-0.02
RMSE-PRE COVID		ND	ND	ND	0.07
RMSE-COVID		ND	ND	ND	0.24
RMSE-SP PRE COVID		ND	ND	ND	0.07
RMSE-SP COVID		ND	ND	ND	0.24
CUSCO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	-10.22
	ESP	ND	ND	1.75	1.94
	EET	ND	ND	-10.18	-10.18
	ET	ND	ND	-18.65	-18.65
	RMSE-PRE COVID	ND	ND	0.14	0.14
	RMSE-COVID	ND	ND	0.35	0.35
	RMSE-SP PRE COVID	ND	ND	0.14	0.14
	RMSE-SP COVID	ND	ND	0.38	0.38
	JORGE BASADRE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-27.07
ESP		ND	ND	1.14	ND
EET		ND	ND	-5.48	ND
ET		ND	ND	-31.41	ND
RMSE-PRE COVID		ND	ND	0.19	ND
RMSE-COVID		ND	ND	0.81	ND
RMSE-SP PRE COVID		ND	ND	0.19	ND
RMSE-SP COVID		ND	ND	0.83	ND
LA CONVENCION TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	-10.00
	ESP	ND	ND	6.67	ND
	EET	ND	ND	-28.70	ND
	ET	ND	ND	-32.03	ND
	RMSE-PRE COVID	ND	ND	0.03	ND
	RMSE-COVID	ND	ND	0.08	ND
	RMSE-SP PRE COVID	ND	ND	0.03	ND
	RMSE-SP COVID	ND	ND	0.11	ND
	MARISCAL NIETO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-12.49
ESP		ND	ND	4.43	ND
EET		ND	ND	-7.14	ND
ET		ND	ND	-15.20	ND
RMSE-PRE COVID		ND	ND	0.06	ND
RMSE-COVID		ND	ND	0.10	ND
RMSE-SP PRE COVID		ND	ND	0.06	ND
RMSE-SP COVID		ND	ND	0.19	ND

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MOYOBAMBA	EC&P	ND	ND	-16.57	-12.51	
	TEST SP: $\alpha \leq 10\%$	ESP	ND	ND	4.59	0.53
	TEST TE: $\alpha \leq 5\%$	EET	ND	ND	-10.54	-10.54
		ET	ND	ND	-22.52	-22.52
		RMSE-PRE COVID	ND	ND	0.06	0.06
		RMSE-COVID	ND	ND	0.19	0.19
		RMSE-SP PRE COVID	ND	ND	0.06	0.06
		RMSE-SP COVID	ND	ND	0.24	0.20
	PASCO	EC&P	ND	ND	-12.12	ND
		TEST SP: $\alpha \leq 10\%$	ESP	ND	ND	1.07
TEST TE: $\alpha \leq 1\%$		EET	ND	ND	-6.89	ND
		ET	ND	ND	-17.95	ND
		RMSE-PRE COVID	ND	ND	0.03	ND
		RMSE-COVID	ND	ND	0.16	ND
		RMSE-SP PRE COVID	ND	ND	0.03	ND
		RMSE-SP COVID	ND	ND	0.18	ND
Promedio del Nivel Educativo						
S1: [3.85]						
S2 : [3.85, 3.87, 4.0]						
S3 : [3.85, 3.87, 4.0, 4.05, 4.06]						
S4 : < 4.65						
BELLAVISTA	EC&P	ND	ND	-20.78	-21.28	
	TEST SP: $\alpha \leq 10\%$	ESP	ND	ND	0.45	0.95
	TEST TE: $\alpha \leq 5\%$	EET	ND	ND	-31.01	-31.01
		ET	ND	ND	-51.34	-51.34
		RMSE-PRE COVID	ND	ND	0.07	0.07
		RMSE-COVID	ND	ND	0.18	0.18
		RMSE-SP PRE COVID	ND	ND	0.07	0.07
		RMSE-SP COVID	ND	ND	0.18	0.18
	CHICLAYO	EC&P	ND	ND	19.30	18.52
		TEST SP: $\alpha \leq 5\%$	ESP	ND	ND	-1.48
TEST TE: $\alpha \leq 5\%$		EET	ND	ND	-17.84	-17.84
		ET	ND	ND	-0.02	-0.02
		RMSE-PRE COVID	ND	ND	0.07	0.07
		RMSE-COVID	ND	ND	0.24	0.24
		RMSE-SP PRE COVID	ND	ND	0.07	0.07
		RMSE-SP COVID	ND	ND	0.26	0.25
CUSCO		EC&P	ND	ND	-10.00	-10.14
		TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	1.54
	TEST TE: $\alpha \leq 10\%$	EET	ND	ND	-10.18	-10.18
		ET	ND	ND	-18.65	-18.65
		RMSE-PRE COVID	ND	ND	0.14	0.14
		RMSE-COVID	ND	ND	0.35	0.35
		RMSE-SP PRE COVID	ND	ND	0.14	0.14
		RMSE-SP COVID	ND	ND	0.38	0.38
	JORGE BASADRE	EC&P	ND	ND	ND	-27.42
		TEST SP: $\alpha \leq 10\%$	ESP	ND	ND	ND
TEST TE: $\alpha \leq 10\%$		EET	ND	ND	ND	-5.48
		ET	ND	ND	ND	-31.41
		RMSE-PRE COVID	ND	ND	ND	0.19
		RMSE-COVID	ND	ND	ND	0.81
		RMSE-SP PRE COVID	ND	ND	ND	0.19
		RMSE-SP COVID	ND	ND	ND	0.83
LIMA		EC&P	ND	ND	ND	-5.32
		TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND
	TEST TE: $\alpha \leq 5\%$	EET	ND	ND	ND	-8.31
		ET	ND	ND	ND	-8.95
		RMSE-PRE COVID	ND	ND	ND	0.08
		RMSE-COVID	ND	ND	ND	0.15
		RMSE-SP PRE COVID	ND	ND	ND	0.08
		RMSE-SP COVID	ND	ND	ND	0.23

MARISCAL NIETO	EC&P	ND	ND	ND	-11.08	
	TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	3.03	
	TEST TE: $\alpha \leq 1\%$	EET	ND	ND	ND	-7.14
		ET	ND	ND	ND	-15.20
	RMSE-PRE COVID	ND	ND	ND	0.06	
	RMSE-COVID	ND	ND	ND	0.10	
	RMSE-SP PRE COVID	ND	ND	ND	0.06	
	RMSE-SP COVID	ND	ND	ND	0.16	
	MOYOBAMBA	EC&P	ND	ND	-14.40	-12.98
TEST SP: $\alpha \leq 10\%$		ESP	ND	ND	2.42	0.99
TEST TE: $\alpha \leq 5\%$		EET	ND	ND	-10.54	-10.54
		ET	ND	ND	-22.52	-22.52
RMSE-PRE COVID		ND	ND	0.06	0.06	
RMSE-COVID		ND	ND	0.19	0.19	
RMSE-SP PRE COVID		ND	ND	0.06	0.06	
RMSE-SP COVID		ND	ND	0.22	0.20	
PASCO		EC&P	ND	ND	-11.44	ND
	TEST SP: $\alpha \leq 10\%$	ESP	ND	ND	0.38	ND
	TEST TE: $\alpha \leq 1\%$	EET	ND	ND	-6.89	ND
		ET	ND	ND	-17.95	ND
	RMSE-PRE COVID	ND	ND	0.03	ND	
	RMSE-COVID	ND	ND	0.16	ND	
	RMSE-SP PRE COVID	ND	ND	0.03	ND	
	RMSE-SP COVID	ND	ND	0.16	ND	
	SULLANA	EC&P	ND	ND	ND	31.39
TEST SP: $\alpha \leq 1\%$		ESP	ND	ND	-5.56	
TEST TE: $\alpha \leq 5\%$		EET	ND	ND	ND	-9.72
		ET	ND	ND	ND	16.11
RMSE-PRE COVID		ND	ND	ND	0.05	
RMSE-COVID		ND	ND	ND	0.25	
RMSE-SP PRE COVID		ND	ND	ND	0.05	
RMSE-SP COVID		ND	ND	ND	0.29	
TRUJILLO		EC&P	ND	ND	17.62	16.82
	TEST SP: $\alpha \leq 10\%$	ESP	ND	ND	-2.93	-2.12
	TEST TE: $\alpha \leq 10\%$	EET	ND	ND	-14.96	-14.96
		ET	ND	ND	-0.27	-0.27
	RMSE-PRE COVID	ND	ND	0.07	0.07	
	RMSE-COVID	ND	ND	0.19	0.19	
	RMSE-SP PRE COVID	ND	ND	0.07	0.07	
	RMSE-SP COVID	ND	ND	0.24	0.23	
	Ingreso real Promedio					
S1: [372.22]						
S2 : [372.22, 398.76, 439.23]						
S3 : [372.22, 398.76, 439.23, 443.03, 460.76]						
S4 : < 640.49						
BELLAVISTA	EC&P	-24.16	ND	ND	-59.98	
	TEST SP: $\alpha \leq 5\%$	ESP	3.82	ND	ND	39.65
	TEST TE: $\alpha \leq 1\%$	EET	-31.01	ND	ND	-31.01
		ET	-51.34	ND	ND	-51.34
	RMSE-PRE COVID	0.07	ND	ND	0.07	
	RMSE-COVID	0.18	ND	ND	0.18	
	RMSE-SP PRE COVID	0.07	ND	ND	0.07	
	RMSE-SP COVID	0.20	ND	ND	0.41	
	CALLAO	EC&P	ND	ND	ND	-8.34
TEST SP: $\alpha \leq 1\%$		ESP	ND	ND	5.85	
TEST TE: $\alpha \leq 1\%$		EET	ND	ND	ND	-7.85
		ET	ND	ND	ND	-10.35
RMSE-PRE COVID		ND	ND	ND	0.08	
RMSE-COVID		ND	ND	ND	0.15	
RMSE-SP PRE COVID		ND	ND	ND	0.08	
RMSE-SP COVID		ND	ND	ND	0.24	

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CAYLLOMA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	-31.00
	ESP	ND	ND	ND	22.63
	EET	ND	ND	ND	-17.19
	ET	ND	ND	ND	-25.55
	RMSE-PRE COVID	ND	ND	ND	0.05
	RMSE-COVID	ND	ND	ND	0.11
	RMSE-SP PRE COVID	ND	ND	ND	0.05
	RMSE-SP COVID	ND	ND	ND	0.26
	CHACHAPOYAS TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	27.16
EET		ND	ND	ND	-16.06
ET		ND	ND	ND	-10.35
RMSE-PRE COVID		ND	ND	ND	0.08
RMSE-COVID		ND	ND	ND	0.09
RMSE-SP PRE COVID		ND	ND	ND	0.08
RMSE-SP COVID		ND	ND	ND	0.38
CUSCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	11.01
	EET	ND	ND	ND	-10.18
	ET	ND	ND	ND	-18.65
	RMSE-PRE COVID	ND	ND	ND	0.14
	RMSE-COVID	ND	ND	ND	0.35
	RMSE-SP PRE COVID	ND	ND	ND	0.14
	RMSE-SP COVID	ND	ND	ND	0.55
	HUANCAYO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	18.45
EET		ND	ND	ND	-14.37
ET		ND	ND	ND	-4.46
RMSE-PRE COVID		ND	ND	ND	0.08
RMSE-COVID		ND	ND	ND	0.10
RMSE-SP PRE COVID		ND	ND	ND	0.08
RMSE-SP COVID		ND	ND	ND	0.26
ICA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	13.43
	EET	ND	ND	ND	-10.46
	ET	ND	ND	ND	-7.85
	RMSE-PRE COVID	ND	ND	ND	0.08
	RMSE-COVID	ND	ND	ND	0.05
	RMSE-SP PRE COVID	ND	ND	ND	0.08
	RMSE-SP COVID	ND	ND	ND	0.28
	ILO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	6.61
EET		ND	ND	ND	-4.04
ET		ND	ND	ND	-5.47
RMSE-PRE COVID		ND	ND	ND	0.07
RMSE-COVID		ND	ND	ND	0.13
RMSE-SP PRE COVID		ND	ND	ND	0.07
RMSE-SP COVID		ND	ND	ND	0.24
JORGE BASADRE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	7.83
	EET	ND	ND	ND	-5.48
	ET	ND	ND	ND	-31.41
	RMSE-PRE COVID	ND	ND	ND	0.19
	RMSE-COVID	ND	ND	ND	0.81
	RMSE-SP PRE COVID	ND	ND	ND	0.19
	RMSE-SP COVID	ND	ND	ND	0.98

LIMA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-12.97
	ESP	ND	ND	ND	12.33
	EET	ND	ND	ND	-8.31
	ET	ND	ND	ND	-8.95
	RMSE-PRE COVID	ND	ND	ND	0.08
	RMSE-COVID	ND	ND	ND	0.15
	RMSE-SP PRE COVID	ND	ND	ND	0.08
	RMSE-SP COVID	ND	ND	ND	0.37
MARISCAL NIETO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	-11.12	ND	ND	ND
	ESP	3.07	ND	ND	ND
	EET	-7.14	ND	ND	ND
	ET	-15.20	ND	ND	ND
	RMSE-PRE COVID	0.06	ND	ND	ND
	RMSE-COVID	0.10	ND	ND	ND
	RMSE-SP PRE COVID	0.06	ND	ND	ND
	RMSE-SP COVID	0.16	ND	ND	ND
MOYOBAMBA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	-17.40	ND	ND	-22.07
	ESP	5.42	ND	ND	10.09
	EET	-10.54	ND	ND	-10.54
	ET	-22.52	ND	ND	-22.52
	RMSE-PRE COVID	0.06	ND	ND	0.06
	RMSE-COVID	0.19	ND	ND	0.19
	RMSE-SP PRE COVID	0.06	ND	ND	0.06
	RMSE-SP COVID	0.25	ND	ND	0.29
PASCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	-11.03	ND	ND	ND
	ESP	-0.02	ND	ND	ND
	EET	-6.89	ND	ND	ND
	ET	-17.95	ND	ND	ND
	RMSE-PRE COVID	0.03	ND	ND	ND
	RMSE-COVID	0.16	ND	ND	ND
	RMSE-SP PRE COVID	0.03	ND	ND	ND
	RMSE-SP COVID	0.16	ND	ND	ND
PIURA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-7.93
	ESP	ND	ND	ND	22.59
	EET	ND	ND	ND	-16.77
	ET	ND	ND	ND	-2.11
	RMSE-PRE COVID	ND	ND	ND	0.06
	RMSE-COVID	ND	ND	ND	0.07
	RMSE-SP PRE COVID	ND	ND	ND	0.06
	RMSE-SP COVID	ND	ND	ND	0.24
SAN MARTIN TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	ND	-8.25
	ESP	ND	ND	ND	14.30
	EET	ND	ND	ND	-7.53
	ET	ND	ND	ND	-1.49
	RMSE-PRE COVID	ND	ND	ND	0.09
	RMSE-COVID	ND	ND	ND	0.10
	RMSE-SP PRE COVID	ND	ND	ND	0.09
	RMSE-SP COVID	ND	ND	ND	0.27
SULLANA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	22.18	ND	ND	ND
	ESP	3.65	ND	ND	ND
	EET	-9.72	ND	ND	ND
	ET	16.11	ND	ND	ND
	RMSE-PRE COVID	0.05	ND	ND	ND
	RMSE-COVID	0.25	ND	ND	ND
	RMSE-SP PRE COVID	0.05	ND	ND	ND
	RMSE-SP COVID	0.23	ND	ND	ND

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TACNA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	-9.77	
	ESP	ND	ND	ND	7.12	
	EET	ND	ND	ND	-11.35	
	ET	ND	ND	ND	-14.00	
	RMSE-PRE COVID	ND	ND	ND	0.04	
	RMSE-COVID	ND	ND	ND	0.10	
	RMSE-SP PRE COVID	ND	ND	ND	0.04	
	RMSE-SP COVID	ND	ND	ND	0.17	
	TAMBOPATA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	-13.03
		ESP	ND	ND	ND	18.08
EET		ND	ND	ND	-16.24	
ET		ND	ND	ND	-11.18	
RMSE-PRE COVID		ND	ND	ND	0.05	
RMSE-COVID		ND	ND	ND	0.05	
RMSE-SP PRE COVID		ND	ND	ND	0.05	
RMSE-SP COVID		ND	ND	ND	0.23	
Tasa de Informalidad S1: [97.42] S2 : [95.87, 96.18, 97.42] S3 : [95.19, 95.32, 95.87, 96.18, 97.42] S4 : > 87.86						
BELLAVISTA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	-24.16	ND	ND	ND
	ESP	3.82	ND	ND	ND	
	EET	-31.01	ND	ND	ND	
	ET	-51.34	ND	ND	ND	
	RMSE-PRE COVID	0.07	ND	ND	ND	
	RMSE-COVID	0.18	ND	ND	ND	
	RMSE-SP PRE COVID	0.07	ND	ND	ND	
	RMSE-SP COVID	0.20	ND	ND	ND	
	CUSCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	ND	-10.26
		ESP	ND	ND	ND	1.79
EET		ND	ND	ND	-10.18	
ET		ND	ND	ND	-18.65	
RMSE-PRE COVID		ND	ND	ND	0.14	
RMSE-COVID		ND	ND	ND	0.35	
RMSE-SP PRE COVID		ND	ND	ND	0.14	
RMSE-SP COVID		ND	ND	ND	0.38	
MARISCAL NIETO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	-11.12	ND	ND	ND
		ESP	3.07	ND	ND	ND
	EET	-7.14	ND	ND	ND	
	ET	-15.20	ND	ND	ND	
	RMSE-PRE COVID	0.06	ND	ND	ND	
	RMSE-COVID	0.10	ND	ND	ND	
	RMSE-SP PRE COVID	0.06	ND	ND	ND	
	RMSE-SP COVID	0.16	ND	ND	ND	
	MOYOBAMBA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	-17.40	ND	ND	ND
		ESP	5.42	ND	ND	ND
EET		-10.54	ND	ND	ND	
ET		-22.52	ND	ND	ND	
RMSE-PRE COVID		0.06	ND	ND	ND	
RMSE-COVID		0.19	ND	ND	ND	
RMSE-SP PRE COVID		0.06	ND	ND	ND	
RMSE-SP COVID		0.25	ND	ND	ND	
PASCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	-11.03	ND	ND	ND
		ESP	-0.02	ND	ND	ND
	EET	-6.89	ND	ND	ND	
	ET	-17.95	ND	ND	ND	
	RMSE-PRE COVID	0.03	ND	ND	ND	
	RMSE-COVID	0.16	ND	ND	ND	
	RMSE-SP PRE COVID	0.03	ND	ND	ND	
	RMSE-SP COVID	0.16	ND	ND	ND	



SULLANA	EC&P	22.18	ND	ND	ND
TEST SP: $\alpha \leq 5\%$	ESP	3.65	ND	ND	ND
TEST TE: $\alpha \leq 1\%$	EET	-9.72	ND	ND	ND
	ET	16.11	ND	ND	ND
	RMSE-PRE COVID	0.05	ND	ND	ND
	RMSE-COVID	0.25	ND	ND	ND
	RMSE-SP PRE COVID	0.05	ND	ND	ND
	RMSE-SP COVID	0.23	ND	ND	ND
Porcentaje del Gasto de Consumo de Bienes Alimenticios del Gasto Total S1: [93.5] S2 : [55.67, 57.61, 93.5] S3 : [53.75, 54.27, 55.67, 57.61, 93.5] S4 : > 47.79					
BELLAVISTA	EC&P	ND	-25.25	-24.93	-48.67
TEST SP: $\alpha \leq 10\%$	ESP	ND	4.92	4.59	28.33
TEST TE: $\alpha \leq 1\%$	EET	ND	-31.01	-31.01	-31.01
	ET	ND	-51.34	-51.34	-51.34
	RMSE-PRE COVID	ND	0.07	0.07	0.07
	RMSE-COVID	ND	0.18	0.18	0.18
	RMSE-SP PRE COVID	ND	0.07	0.07	0.07
	RMSE-SP COVID	ND	0.20	0.20	0.34
CAYLLOMA	EC&P	ND	ND	ND	-30.81
TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	22.44
TEST TE: $\alpha \leq 10\%$	EET	ND	ND	ND	-17.19
	ET	ND	ND	ND	-25.55
	RMSE-PRE COVID	ND	ND	ND	0.05
	RMSE-COVID	ND	ND	ND	0.11
	RMSE-SP PRE COVID	ND	ND	ND	0.05
	RMSE-SP COVID	ND	ND	ND	0.26
CHACHAPOYAS	EC&P	ND	ND	ND	-7.47
TEST SP: $\alpha \leq 10\%$	ESP	ND	ND	ND	13.17
TEST TE: $\alpha \leq 5\%$	EET	ND	ND	ND	-16.06
	ET	ND	ND	ND	-10.35
	RMSE-PRE COVID	ND	ND	ND	0.08
	RMSE-COVID	ND	ND	ND	0.09
	RMSE-SP PRE COVID	ND	ND	ND	0.08
	RMSE-SP COVID	ND	ND	ND	0.23
CUSCO	EC&P	ND	-10.55	-10.60	-15.70
TEST SP: $\alpha \leq 10\%$	ESP	ND	2.08	2.14	7.24
TEST TE: $\alpha \leq 10\%$	EET	ND	-10.18	-10.18	-10.18
	ET	ND	-18.65	-18.65	-18.65
	RMSE-PRE COVID	ND	0.14	0.14	0.14
	RMSE-COVID	ND	0.35	0.35	0.35
	RMSE-SP PRE COVID	ND	0.14	0.14	0.14
	RMSE-SP COVID	ND	0.39	0.39	0.49
JORGE BASADRE	EC&P	ND	ND	ND	-31.55
TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	5.62
TEST TE: $\alpha \leq 5\%$	EET	ND	ND	ND	-5.48
	ET	ND	ND	ND	-31.41
	RMSE-PRE COVID	ND	ND	ND	0.19
	RMSE-COVID	ND	ND	ND	0.81
	RMSE-SP PRE COVID	ND	ND	ND	0.19
	RMSE-SP COVID	ND	ND	ND	0.93
LA CONVENCION	EC&P	ND	ND	ND	-22.85
TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	19.52
TEST TE: $\alpha \leq 1\%$	EET	ND	ND	ND	-28.70
	ET	ND	ND	ND	-32.03
	RMSE-PRE COVID	ND	ND	ND	0.03
	RMSE-COVID	ND	ND	ND	0.08
	RMSE-SP PRE COVID	ND	ND	ND	0.03
	RMSE-SP COVID	ND	ND	ND	0.18

LIMA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	ND	-4.35	
	ESP	ND	ND	ND	3.70	
	EET	ND	ND	ND	-8.31	
	ET	ND	ND	ND	-8.95	
	RMSE-PRE COVID	ND	ND	ND	0.08	
	RMSE-COVID	ND	ND	ND	0.15	
	RMSE-SP PRE COVID	ND	ND	ND	0.08	
	RMSE-SP COVID	ND	ND	ND	0.20	
	MARISCAL NIETO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	-12.20
		ESP	ND	ND	ND	4.14
EET		ND	ND	ND	-7.14	
ET		ND	ND	ND	-15.20	
RMSE-PRE COVID		ND	ND	ND	0.06	
RMSE-COVID		ND	ND	ND	0.10	
RMSE-SP PRE COVID		ND	ND	ND	0.06	
RMSE-SP COVID		ND	ND	ND	0.18	
MOYOBAMBA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	-15.48	-15.34	-19.99
		ESP	ND	3.50	3.36	8.01
	EET	ND	-10.54	-10.54	-10.54	
	ET	ND	-22.52	-22.52	-22.52	
	RMSE-PRE COVID	ND	0.06	0.06	0.06	
	RMSE-COVID	ND	0.19	0.19	0.19	
	RMSE-SP PRE COVID	ND	0.06	0.06	0.06	
	RMSE-SP COVID	ND	0.22	0.22	0.27	
	PASCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-13.86	-14.21	-14.94
		ESP	ND	2.81	3.16	3.88
EET		ND	-6.89	-6.89	-6.89	
ET		ND	-17.95	-17.95	-17.95	
RMSE-PRE COVID		ND	0.03	0.03	0.03	
RMSE-COVID		ND	0.16	0.16	0.16	
RMSE-SP PRE COVID		ND	0.03	0.03	0.03	
RMSE-SP COVID		ND	0.19	0.19	0.20	
PIURA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	ND	-6.86
		ESP	ND	ND	ND	21.51
	EET	ND	ND	ND	-16.77	
	ET	ND	ND	ND	-2.11	
	RMSE-PRE COVID	ND	ND	ND	0.06	
	RMSE-COVID	ND	ND	ND	0.07	
	RMSE-SP PRE COVID	ND	ND	ND	0.06	
	RMSE-SP COVID	ND	ND	ND	0.24	
	SULLANA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	22.07	22.06	23.09
		ESP	ND	3.76	3.76	2.74
EET		ND	-9.72	-9.72	-9.72	
ET		ND	16.11	16.11	16.11	
RMSE-PRE COVID		ND	0.05	0.05	0.05	
RMSE-COVID		ND	0.25	0.25	0.25	
RMSE-SP PRE COVID		ND	0.05	0.05	0.05	
RMSE-SP COVID		ND	0.23	0.23	0.24	
TACNA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	ND	-13.24
		ESP	ND	ND	ND	10.59
	EET	ND	ND	ND	-11.35	
	ET	ND	ND	ND	-14.00	
	RMSE-PRE COVID	ND	ND	ND	0.04	
	RMSE-COVID	ND	ND	ND	0.10	
	RMSE-SP PRE COVID	ND	ND	ND	0.04	
	RMSE-SP COVID	ND	ND	ND	0.22	

		Densidad Geográfica			
		S1: [71.43]			
		S2 : [53.47, 59.75, 71.43]			
		S3 : [49.06, 49.52, 53.47, 59.75, 71.43]			
		S4 : > 26.42			
AREQUIPA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-9.11	ND
	ESP	ND	ND	5.98	ND
	EET	ND	ND	-11.55	ND
	ET	ND	ND	-14.68	ND
	RMSE-PRE COVID	ND	ND	0.05	ND
	RMSE-COVID	ND	ND	0.15	ND
	RMSE-SP PRE COVID	ND	ND	0.05	ND
	RMSE-SP COVID	ND	ND	0.20	ND
	BELLAVISTA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	-21.03	-45.90
ESP		ND	0.70	25.57	ND
EET		ND	-31.01	-31.01	ND
ET		ND	-51.34	-51.34	ND
RMSE-PRE COVID		ND	0.07	0.07	ND
RMSE-COVID		ND	0.18	0.18	ND
RMSE-SP PRE COVID		ND	0.07	0.07	ND
RMSE-SP COVID		ND	0.18	0.33	ND
CALLAO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	-8.89
	ESP	ND	ND	6.40	ND
	EET	ND	ND	-7.85	ND
	ET	ND	ND	-10.35	ND
	RMSE-PRE COVID	ND	ND	0.08	ND
	RMSE-COVID	ND	ND	0.15	ND
	RMSE-SP PRE COVID	ND	ND	0.08	ND
	RMSE-SP COVID	ND	ND	0.26	ND
	CAYLLOMA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-22.02
ESP		ND	ND	13.66	ND
EET		ND	ND	-17.19	ND
ET		ND	ND	-25.55	ND
RMSE-PRE COVID		ND	ND	0.05	ND
RMSE-COVID		ND	ND	0.11	ND
RMSE-SP PRE COVID		ND	ND	0.05	ND
RMSE-SP COVID		ND	ND	0.20	ND
CHACHAPOYAS TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	-7.33
	ESP	ND	ND	13.03	ND
	EET	ND	ND	-16.06	ND
	ET	ND	ND	-10.35	ND
	RMSE-PRE COVID	ND	ND	0.08	ND
	RMSE-COVID	ND	ND	0.09	ND
	RMSE-SP PRE COVID	ND	ND	0.08	ND
	RMSE-SP COVID	ND	ND	0.23	ND
	CHICLAYO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	19.22	ND
ESP		ND	-1.40	ND	ND
EET		ND	-17.84	ND	ND
ET		ND	-0.02	ND	ND
RMSE-PRE COVID		ND	0.07	ND	ND
RMSE-COVID		ND	0.24	ND	ND
RMSE-SP PRE COVID		ND	0.07	ND	ND
RMSE-SP COVID		ND	0.26	ND	ND
CUSCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	-10.13	-20.13
	ESP	ND	1.67	11.67	ND
	EET	ND	-10.18	-10.18	ND
	ET	ND	-18.65	-18.65	ND
	RMSE-PRE COVID	ND	0.14	0.14	ND
	RMSE-COVID	ND	0.35	0.35	ND
	RMSE-SP PRE COVID	ND	0.14	0.14	ND
	RMSE-SP COVID	ND	0.38	0.56	ND

HUANTA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	37.27	ND	
	ESP	ND	ND	-3.82	ND	
	EET	ND	ND	-12.49	ND	
	ET	ND	ND	20.97	ND	
	RMSE-PRE COVID	ND	ND	0.04	ND	
	RMSE-COVID	ND	ND	0.17	ND	
	RMSE-SP PRE COVID	ND	ND	0.04	ND	
	RMSE-SP COVID	ND	ND	0.18	ND	
	HUAURA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-9.45	ND
		ESP	ND	ND	12.43	ND
EET		ND	ND	-10.87	ND	
ET		ND	ND	-7.89	ND	
RMSE-PRE COVID		ND	ND	0.10	ND	
RMSE-COVID		ND	ND	0.09	ND	
RMSE-SP PRE COVID		ND	ND	0.10	ND	
RMSE-SP COVID		ND	ND	0.25	ND	
JORGE BASADRE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	-31.61	ND
		ESP	ND	ND	5.68	ND
	EET	ND	ND	-5.48	ND	
	ET	ND	ND	-31.41	ND	
	RMSE-PRE COVID	ND	ND	0.19	ND	
	RMSE-COVID	ND	ND	0.81	ND	
	RMSE-SP PRE COVID	ND	ND	0.19	ND	
	RMSE-SP COVID	ND	ND	0.93	ND	
	LIMA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-11.79	ND
		ESP	ND	ND	11.15	ND
EET		ND	ND	-8.31	ND	
ET		ND	ND	-8.95	ND	
RMSE-PRE COVID		ND	ND	0.08	ND	
RMSE-COVID		ND	ND	0.15	ND	
RMSE-SP PRE COVID		ND	ND	0.08	ND	
RMSE-SP COVID		ND	ND	0.35	ND	
MARISCAL NIETO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	-12.44	ND
		ESP	ND	ND	4.38	ND
	EET	ND	ND	-7.14	ND	
	ET	ND	ND	-15.20	ND	
	RMSE-PRE COVID	ND	ND	0.06	ND	
	RMSE-COVID	ND	ND	0.10	ND	
	RMSE-SP PRE COVID	ND	ND	0.06	ND	
	RMSE-SP COVID	ND	ND	0.19	ND	
	MOYOBAMBA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-15.11	-24.79	ND
		ESP	ND	3.12	12.81	ND
EET		ND	-10.54	-10.54	ND	
ET		ND	-22.52	-22.52	ND	
RMSE-PRE COVID		ND	0.06	0.06	ND	
RMSE-COVID		ND	0.19	0.19	ND	
RMSE-SP PRE COVID		ND	0.06	0.06	ND	
RMSE-SP COVID		ND	0.23	0.33	ND	
PASCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-10.35	-10.13	ND
		ESP	ND	-0.70	-0.93	ND
	EET	ND	-6.89	-6.89	ND	
	ET	ND	-17.95	-17.95	ND	
	RMSE-PRE COVID	ND	0.03	0.03	ND	
	RMSE-COVID	ND	0.16	0.16	ND	
	RMSE-SP PRE COVID	ND	0.03	0.03	ND	
	RMSE-SP COVID	ND	0.15	0.15	ND	

SULLANA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	29.33	30.05	ND	
	ESP	ND	-3.50	-4.22	ND	
	EET	ND	-9.72	-9.72	ND	
	ET	ND	16.11	16.11	ND	
	RMSE-PRE COVID	ND	0.05	0.05	ND	
	RMSE-COVID	ND	0.25	0.25	ND	
	RMSE-SP PRE COVID	ND	0.05	0.05	ND	
	RMSE-SP COVID	ND	0.28	0.29	ND	
	TACNA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-9.80	ND
		ESP	ND	ND	7.15	ND
EET		ND	ND	-11.35	ND	
ET		ND	ND	-14.00	ND	
RMSE-PRE COVID		ND	ND	0.04	ND	
RMSE-COVID		ND	ND	0.10	ND	
RMSE-SP PRE COVID		ND	ND	0.04	ND	
RMSE-SP COVID		ND	ND	0.17	ND	
TRUJILLO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	17.65	ND	ND	
	ESP	ND	-2.95	ND	ND	
	EET	ND	-14.96	ND	ND	
	ET	ND	-0.27	ND	ND	
	RMSE-PRE COVID	ND	0.07	ND	ND	
	RMSE-COVID	ND	0.19	ND	ND	
	RMSE-SP PRE COVID	ND	0.07	ND	ND	
	RMSE-SP COVID	ND	0.24	ND	ND	

Fuente: INEI-ENAH0 (2022), INEI (2022a). MINSa (2022). Elaboración propia.

CUADRO A3. EFECTOS SOBRE LA PEA OCUPADA INFORMAL

PROVINCIA	EFECTOS EN PORCENTAJES DEL NIVEL DE LA PEA0 INFORMAL DEL TRIMESTRE 2020.I				
	S1	S2	S3	S4	
	Tasa de Delincuencia o Criminalidad S1 : [135.2] S2 : [89.6, 120.8, 135.2] S3 : [76.9, 81.7, 89.6, 120.8, 135.2] S4 : > 47.81				
BELLAVISTA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	9.14
	ESP	ND	ND	ND	-0.48
	EET	ND	ND	ND	-0.93
	ET	ND	ND	ND	7.72
	RMSE-PRE COVID	ND	ND	ND	0.03
	RMSE-COVID	ND	ND	ND	0.09
	RMSE-SP PRE COVID	ND	ND	ND	0.03
	RMSE-SP COVID	ND	ND	ND	0.09
FERREÑAFE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	1.74
	ESP	ND	ND	ND	-0.42
	EET	ND	ND	ND	0.89
	ET	ND	ND	ND	2.20
	RMSE-PRE COVID	ND	ND	ND	0.02
	RMSE-COVID	ND	ND	ND	0.06
	RMSE-SP PRE COVID	ND	ND	ND	0.02
	RMSE-SP COVID	ND	ND	ND	0.06
HUANUCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	ND	-7.61
	ESP	ND	ND	ND	-1.45
	EET	ND	ND	ND	1.80
	ET	ND	ND	ND	-7.26
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.08
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.07

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HUARAZ TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-7.08	ND
	ESP	ND	ND	0.73	ND
	EET	ND	ND	-0.48	ND
	ET	ND	ND	-6.83	ND
	RMSE-PRE COVID	ND	ND	0.02	ND
	RMSE-COVID	ND	ND	0.07	ND
	RMSE-SP PRE COVID	ND	ND	0.02	ND
	RMSE-SP COVID	ND	ND	0.07	ND
	JORGE BASADRE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	41.81
ESP		ND	ND	-0.23	-2.02
EET		ND	ND	1.89	1.89
ET		ND	ND	43.47	43.47
RMSE-PRE COVID		ND	ND	0.05	0.05
RMSE-COVID		ND	ND	0.22	0.22
RMSE-SP PRE COVID		ND	ND	0.05	0.05
RMSE-SP COVID		ND	ND	0.22	0.23
PADRE ABAD TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	-1.50
	EET	ND	ND	ND	0.62
	ET	ND	ND	ND	3.41
	RMSE-PRE COVID	ND	ND	ND	0.02
	RMSE-COVID	ND	ND	ND	0.04
	RMSE-SP PRE COVID	ND	ND	ND	0.02
	RMSE-SP COVID	ND	ND	ND	0.06
	TRUJILLO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	-2.41
EET		ND	ND	ND	1.60
ET		ND	ND	ND	-12.77
RMSE-PRE COVID		ND	ND	ND	0.01
RMSE-COVID		ND	ND	ND	0.12
RMSE-SP PRE COVID		ND	ND	ND	0.01
RMSE-SP COVID		ND	ND	ND	0.10
Densidad del Número de Miembros del Hogar					
S1: [4, 98]					
S2 : [4.52, 4.55, 4.98]					
S3 : [4.12, 4.31, 4.52, 4.55, 4.98]					
S4 : > 3.45					
CALLAO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-10.14	ND
	ESP	ND	ND	1.40	ND
	EET	ND	ND	0.09	ND
	ET	ND	ND	-8.65	ND
	RMSE-PRE COVID	ND	ND	0.02	ND
	RMSE-COVID	ND	ND	0.04	ND
	RMSE-SP PRE COVID	ND	ND	0.02	ND
	RMSE-SP COVID	ND	ND	0.06	ND
	CAÑETE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-1.13
ESP		ND	ND	0.00	ND
EET		ND	ND	0.41	ND
ET		ND	ND	-0.73	ND
RMSE-PRE COVID		ND	ND	0.02	ND
RMSE-COVID		ND	ND	0.07	ND
RMSE-SP PRE COVID		ND	ND	0.02	ND
RMSE-SP COVID		ND	ND	0.08	ND
CHINCHA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	-3.47
	ESP	ND	ND	-0.05	0.21
	EET	ND	ND	1.64	1.64
	ET	ND	ND	-1.87	-1.87
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.07	0.07
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.07	0.07

FERREÑAFE TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	4.32	3.07
	ESP	ND	ND	-3.00	-1.75
	EET	ND	ND	0.89	0.89
	ET	ND	ND	2.20	2.20
	RMSE-PRE COVID	ND	ND	0.02	0.02
	RMSE-COVID	ND	ND	0.06	0.06
	RMSE-SP PRE COVID	ND	ND	0.02	0.02
	RMSE-SP COVID	ND	ND	0.09	0.08
	HUAMANGA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-6.54
ESP		ND	ND	0.61	ND
EET		ND	ND	-0.37	ND
ET		ND	ND	-6.30	ND
RMSE-PRE COVID		ND	ND	0.02	ND
RMSE-COVID		ND	ND	0.05	ND
RMSE-SP PRE COVID		ND	ND	0.02	ND
RMSE-SP COVID		ND	ND	0.06	ND
HUANTA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	-4.38
	ESP	ND	ND	0.23	ND
	EET	ND	ND	0.99	ND
	ET	ND	ND	-3.17	ND
	RMSE-PRE COVID	ND	ND	0.01	ND
	RMSE-COVID	ND	ND	0.06	ND
	RMSE-SP PRE COVID	ND	ND	0.01	ND
	RMSE-SP COVID	ND	ND	0.06	ND
	JORGE BASADRE TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	42.60
ESP		ND	ND	-1.03	0.25
EET		ND	ND	1.89	1.89
ET		ND	ND	43.47	43.47
RMSE-PRE COVID		ND	ND	0.05	0.05
RMSE-COVID		ND	ND	0.22	0.22
RMSE-SP PRE COVID		ND	ND	0.05	0.05
RMSE-SP COVID		ND	ND	0.23	0.22
LA CONVENCION TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	3.20
	ESP	ND	ND	-0.88	-0.41
	EET	ND	ND	-0.45	-0.45
	ET	ND	ND	1.87	1.87
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.06	0.06
	PADRE ABAD TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	2.60
ESP		ND	ND	0.20	-0.16
EET		ND	ND	0.62	0.62
ET		ND	ND	3.41	3.41
RMSE-PRE COVID		ND	ND	0.02	0.02
RMSE-COVID		ND	ND	0.04	0.04
RMSE-SP PRE COVID		ND	ND	0.02	0.02
RMSE-SP COVID		ND	ND	0.04	0.05
SULLANA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	-7.75
	ESP	ND	ND	1.08	0.13
	EET	ND	ND	1.84	1.84
	ET	ND	ND	-4.84	-4.84
	RMSE-PRE COVID	ND	ND	0.02	0.02
	RMSE-COVID	ND	ND	0.10	0.10
	RMSE-SP PRE COVID	ND	ND	0.02	0.02
	RMSE-SP COVID	ND	ND	0.11	0.11

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		Edad Promedio del Jefe del Hogar (entre 15 y 65 años) S1: [57.45] S2 : [56.98, 57.18, 57.45] S3 : [55.76, 56.2, 56.98, 57.18, 57.45] S4 : > 52.43			
BELLAVISTA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	8.61
	ESP	ND	ND	ND	0.04
	EET	ND	ND	ND	-0.93
	ET	ND	ND	ND	7.72
	RMSE-PRE COVID	ND	ND	ND	0.03
	RMSE-COVID	ND	ND	ND	0.09
	RMSE-SP PRE COVID	ND	ND	ND	0.03
	RMSE-SP COVID	ND	ND	ND	0.09
	CHINCHA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	-1.74
EET		ND	ND	ND	1.64
ET		ND	ND	ND	-1.87
RMSE-PRE COVID		ND	ND	ND	0.01
RMSE-COVID		ND	ND	ND	0.07
RMSE-SP PRE COVID		ND	ND	ND	0.01
RMSE-SP COVID		ND	ND	ND	0.06
FERREÑAFE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	-3.45
	EET	ND	ND	ND	0.89
	ET	ND	ND	ND	2.20
	RMSE-PRE COVID	ND	ND	ND	0.02
	RMSE-COVID	ND	ND	ND	0.06
	RMSE-SP PRE COVID	ND	ND	ND	0.02
	RMSE-SP COVID	ND	ND	ND	0.10
	HUANCAVELICA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	-0.63
EET		ND	ND	ND	-0.85
ET		ND	ND	ND	3.91
RMSE-PRE COVID		ND	ND	ND	0.01
RMSE-COVID		ND	ND	ND	0.06
RMSE-SP PRE COVID		ND	ND	ND	0.01
RMSE-SP COVID		ND	ND	ND	0.06
HUARAZ TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	-1.64
	EET	ND	ND	ND	-0.48
	ET	ND	ND	ND	-6.83
	RMSE-PRE COVID	ND	ND	ND	0.02
	RMSE-COVID	ND	ND	ND	0.07
	RMSE-SP PRE COVID	ND	ND	ND	0.02
	RMSE-SP COVID	ND	ND	ND	0.07
	JORGE BASADRE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	51.83	ND
ESP		ND	-10.26	ND	-5.03
EET		ND	1.89	ND	1.89
ET		ND	43.47	ND	43.47
RMSE-PRE COVID		ND	0.05	ND	0.05
RMSE-COVID		ND	0.22	ND	0.22
RMSE-SP PRE COVID		ND	0.05	ND	0.05
RMSE-SP COVID		ND	0.27	ND	0.24
LA CONVENCION TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	-2.09
	EET	ND	ND	ND	-0.45
	ET	ND	ND	ND	1.87
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.05
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.07



MARISCAL RAMON CASTILLA	EC&P	ND	ND	ND	2.90	
	TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	-1.38	
	TEST TE: $\alpha \leq 5\%$	EET	ND	ND	-0.08	
		ET	ND	ND	1.44	
	RMSE-PRE COVID	ND	ND	ND	0.02	
	RMSE-COVID	ND	ND	ND	0.05	
	RMSE-SP PRE COVID	ND	ND	ND	0.02	
	RMSE-SP COVID	ND	ND	ND	0.07	
	TRUJILLO	EC&P	ND	ND	ND	-12.02
		TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	-2.35
TEST TE: $\alpha \leq 1\%$		EET	ND	ND	1.60	
		ET	ND	ND	-12.77	
RMSE-PRE COVID		ND	ND	ND	0.01	
RMSE-COVID		ND	ND	ND	0.12	
RMSE-SP PRE COVID		ND	ND	ND	0.01	
RMSE-SP COVID		ND	ND	ND	0.10	
Porcentaje de Mujeres entre 15-65 años del total de miembros del hogar S1 : [56.74] S2 : [52.23, 52.32, 56.74] S3 : [51.54, 51.58, 52.23, 52.32, 56.74] S4 : > 46.0						
BELLAVISTA		EC&P	ND	ND	ND	9.69
	TEST SP: $\alpha \leq 10\%$	ESP	ND	ND	-1.04	
	TEST TE: $\alpha \leq 1\%$	EET	ND	ND	-0.93	
		ET	ND	ND	7.72	
	RMSE-PRE COVID	ND	ND	ND	0.03	
	RMSE-COVID	ND	ND	ND	0.09	
	RMSE-SP PRE COVID	ND	ND	ND	0.03	
	RMSE-SP COVID	ND	ND	ND	0.10	
	CAYLLOMA	EC&P	ND	ND	3.55	4.64
		TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	-2.50
TEST TE: $\alpha \leq 10\%$		EET	ND	ND	1.53	1.53
		ET	ND	ND	2.59	2.59
RMSE-PRE COVID		ND	ND	0.02	0.02	
RMSE-COVID		ND	ND	0.03	0.03	
RMSE-SP PRE COVID		ND	ND	0.02	0.02	
RMSE-SP COVID		ND	ND	0.06	0.07	
FERREÑAFE		EC&P	ND	ND	2.54	2.21
		TEST SP: $\alpha \leq 5\%$	ESP	ND	ND	-1.22
	TEST TE: $\alpha \leq 5\%$	EET	ND	ND	0.89	0.89
		ET	ND	ND	2.20	2.20
	RMSE-PRE COVID	ND	ND	0.02	0.02	
	RMSE-COVID	ND	ND	0.06	0.06	
	RMSE-SP PRE COVID	ND	ND	0.02	0.02	
	RMSE-SP COVID	ND	ND	0.07	0.07	
	HUANCAVELICA	EC&P	ND	ND	7.13	ND
		TEST SP: $\alpha \leq 5\%$	ESP	ND	ND	-2.36
TEST TE: $\alpha \leq 5\%$		EET	ND	ND	-0.85	ND
		ET	ND	ND	3.91	ND
RMSE-PRE COVID		ND	ND	0.01	ND	
RMSE-COVID		ND	ND	0.06	ND	
RMSE-SP PRE COVID		ND	ND	0.01	ND	
RMSE-SP COVID		ND	ND	0.09	ND	
HUANUCO		EC&P	ND	ND	-7.28	-7.62
		TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	-1.78
	TEST TE: $\alpha \leq 1\%$	EET	ND	ND	1.80	1.80
		ET	ND	ND	-7.26	-7.26
	RMSE-PRE COVID	ND	ND	0.01	0.01	
	RMSE-COVID	ND	ND	0.08	0.08	
	RMSE-SP PRE COVID	ND	ND	0.01	0.01	
	RMSE-SP COVID	ND	ND	0.07	0.07	

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HUARAZ TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-4.16	-4.91
	ESP	ND	ND	-2.19	-1.44
	EET	ND	ND	-0.48	-0.48
	ET	ND	ND	-6.83	-6.83
	RMSE-PRE COVID	ND	ND	0.02	0.02
	RMSE-COVID	ND	ND	0.07	0.07
	RMSE-SP PRE COVID	ND	ND	0.02	0.02
	RMSE-SP COVID	ND	ND	0.07	0.07
	JORGE BASADRE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	51.79
ESP		ND	ND	-10.21	-10.42
EET		ND	ND	1.89	1.89
ET		ND	ND	43.47	43.47
RMSE-PRE COVID		ND	ND	0.05	0.05
RMSE-COVID		ND	ND	0.22	0.22
RMSE-SP PRE COVID		ND	ND	0.05	0.05
RMSE-SP COVID		ND	ND	0.27	0.27
LA CONVENCION TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	1.99
	ESP	ND	ND	0.33	-2.64
	EET	ND	ND	-0.45	-0.45
	ET	ND	ND	1.87	1.87
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.05	0.05
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.05	0.08
	MARISCAL RAMON CASTILLA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	2.79
ESP		ND	ND	-1.28	-1.51
EET		ND	ND	-0.08	-0.08
ET		ND	ND	1.44	1.44
RMSE-PRE COVID		ND	ND	0.02	0.02
RMSE-COVID		ND	ND	0.05	0.05
RMSE-SP PRE COVID		ND	ND	0.02	0.02
RMSE-SP COVID		ND	ND	0.07	0.07
PADRE ABAD TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	-1.45
	EET	ND	ND	ND	0.62
	ET	ND	ND	ND	3.41
	RMSE-PRE COVID	ND	ND	ND	0.02
	RMSE-COVID	ND	ND	ND	0.04
	RMSE-SP PRE COVID	ND	ND	ND	0.02
	RMSE-SP COVID	ND	ND	ND	0.06
	SULLANA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-4.15
ESP		ND	ND	-2.52	2.00
EET		ND	ND	1.84	1.84
ET		ND	ND	-4.84	-4.84
RMSE-PRE COVID		ND	ND	0.02	0.02
RMSE-COVID		ND	ND	0.10	0.10
RMSE-SP PRE COVID		ND	ND	0.02	0.02
RMSE-SP COVID		ND	ND	0.07	0.12
TAMBOPATA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	-4.43
	EET	ND	ND	ND	0.34
	ET	ND	ND	ND	1.54
	RMSE-PRE COVID	ND	ND	ND	0.01
	RMSE-COVID	ND	ND	ND	0.02
	RMSE-SP PRE COVID	ND	ND	ND	0.01
	RMSE-SP COVID	ND	ND	ND	0.06

TRUJILLO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-12.57	-12.35	
	ESP	ND	ND	-1.80	-2.02	
	EET	ND	ND	1.60	1.60	
	ET	ND	ND	-12.77	-12.77	
	RMSE-PRE COVID	ND	ND	0.01	0.01	
	RMSE-COVID	ND	ND	0.12	0.12	
	RMSE-SP PRE COVID	ND	ND	0.01	0.01	
	RMSE-SP COVID	ND	ND	0.11	0.11	
	Promedio del Nivel Educativo					
	S1: [3.85]					
S2: [3.85, 3.87, 4.0]						
S3: [3.85, 3.87, 4.0, 4.05, 4.06]						
S4: < 4.65						
BELLAVISTA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	9.21	9.11	
	ESP	ND	ND	-0.56	-0.46	
	EET	ND	ND	-0.93	-0.93	
	ET	ND	ND	7.72	7.72	
	RMSE-PRE COVID	ND	ND	0.03	0.03	
	RMSE-COVID	ND	ND	0.09	0.09	
	RMSE-SP PRE COVID	ND	ND	0.03	0.03	
	RMSE-SP COVID	ND	ND	0.10	0.10	
	CAYLLOMA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	5.01	5.43
		ESP	ND	ND	-3.95	-4.38
EET		ND	ND	1.53	1.53	
ET		ND	ND	2.59	2.59	
RMSE-PRE COVID		ND	ND	0.02	0.02	
RMSE-COVID		ND	ND	0.03	0.03	
RMSE-SP PRE COVID		ND	ND	0.02	0.02	
RMSE-SP COVID		ND	ND	0.07	0.07	
CANETE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	-1.18	ND
		ESP	ND	ND	0.04	ND
	EET	ND	ND	0.41	ND	
	ET	ND	ND	-0.73	ND	
	RMSE-PRE COVID	ND	ND	0.02	ND	
	RMSE-COVID	ND	ND	0.07	ND	
	RMSE-SP PRE COVID	ND	ND	0.02	ND	
	RMSE-SP COVID	ND	ND	0.08	ND	
	FERRENAFE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	1.42	ND
		ESP	ND	ND	-0.10	ND
EET		ND	ND	0.89	ND	
ET		ND	ND	2.20	ND	
RMSE-PRE COVID		ND	ND	0.02	ND	
RMSE-COVID		ND	ND	0.06	ND	
RMSE-SP PRE COVID		ND	ND	0.02	ND	
RMSE-SP COVID		ND	ND	0.06	ND	
HUANUCO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	-8.79	-8.06
		ESP	ND	ND	-0.26	-0.99
	EET	ND	ND	1.80	1.80	
	ET	ND	ND	-7.26	-7.26	
	RMSE-PRE COVID	ND	ND	0.01	0.01	
	RMSE-COVID	ND	ND	0.08	0.08	
	RMSE-SP PRE COVID	ND	ND	0.01	0.01	
	RMSE-SP COVID	ND	ND	0.08	0.07	
	HUARAZ TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-5.95	-5.48
		ESP	ND	ND	-0.40	-0.87
EET		ND	ND	-0.48	-0.48	
ET		ND	ND	-6.83	-6.83	
RMSE-PRE COVID		ND	ND	0.02	0.02	
RMSE-COVID		ND	ND	0.07	0.07	
RMSE-SP PRE COVID		ND	ND	0.02	0.02	
RMSE-SP COVID		ND	ND	0.07	0.07	

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JORGE BASADRE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	53.16	54.75	
	ESP	ND	ND	-11.58	-13.18	
	EET	ND	ND	1.89	1.89	
	ET	ND	ND	43.47	43.47	
	RMSE-PRE COVID	ND	ND	0.05	0.05	
	RMSE-COVID	ND	ND	0.22	0.22	
	RMSE-SP PRE COVID	ND	ND	0.05	0.05	
	RMSE-SP COVID	ND	ND	0.27	0.28	
	LA CONVENCION TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	3.67	5.72
		ESP	ND	ND	-1.35	-3.40
EET		ND	ND	-0.45	-0.45	
ET		ND	ND	1.87	1.87	
RMSE-PRE COVID		ND	ND	0.01	0.01	
RMSE-COVID		ND	ND	0.05	0.05	
RMSE-SP PRE COVID		ND	ND	0.01	0.01	
RMSE-SP COVID		ND	ND	0.07	0.09	
MARISCAL RAMON CASTILLA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	2.43	2.52
		ESP	ND	ND	-0.91	-1.00
	EET	ND	ND	-0.08	-0.08	
	ET	ND	ND	1.44	1.44	
	RMSE-PRE COVID	ND	ND	0.02	0.02	
	RMSE-COVID	ND	ND	0.05	0.05	
	RMSE-SP PRE COVID	ND	ND	0.02	0.02	
	RMSE-SP COVID	ND	ND	0.06	0.06	
	PADRE ABAD TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	4.22	6.04
		ESP	ND	ND	-1.42	-3.24
EET		ND	ND	0.62	0.62	
ET		ND	ND	3.41	3.41	
RMSE-PRE COVID		ND	ND	0.02	0.02	
RMSE-COVID		ND	ND	0.04	0.04	
RMSE-SP PRE COVID		ND	ND	0.02	0.02	
RMSE-SP COVID		ND	ND	0.06	0.08	
SULLANA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	-6.77	-11.00
		ESP	ND	ND	0.09	4.32
	EET	ND	ND	1.84	1.84	
	ET	ND	ND	-4.84	-4.84	
	RMSE-PRE COVID	ND	ND	0.02	0.02	
	RMSE-COVID	ND	ND	0.10	0.10	
	RMSE-SP PRE COVID	ND	ND	0.02	0.02	
	RMSE-SP COVID	ND	ND	0.11	0.14	
	TRUJILLO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-14.48	-13.93
		ESP	ND	ND	0.11	-0.44
EET		ND	ND	1.60	1.60	
ET		ND	ND	-12.77	-12.77	
RMSE-PRE COVID		ND	ND	0.01	0.01	
RMSE-COVID		ND	ND	0.12	0.12	
RMSE-SP PRE COVID		ND	ND	0.01	0.01	
RMSE-SP COVID		ND	ND	0.12	0.12	
Ingreso real Promedio						
S1 : [372.22]						
S2 : [372.22, 398.76, 439.23]						
S3 : [372.22, 398.76, 439.23, 443.03, 460.76]						
S4 : < 640.49						
BELLAVISTA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	9.55	10.43	
	ESP	ND	ND	-0.90	-1.77	
	EET	ND	ND	-0.93	-0.93	
	ET	ND	ND	7.72	7.72	
	RMSE-PRE COVID	ND	ND	0.03	0.03	
	RMSE-COVID	ND	ND	0.09	0.09	
	RMSE-SP PRE COVID	ND	ND	0.03	0.03	
	RMSE-SP COVID	ND	ND	0.10	0.11	

CAYLLOMA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	5.20	5.66
	ESP	ND	ND	-4.14	-4.60
	EET	ND	ND	1.53	1.53
	ET	ND	ND	2.59	2.59
	RMSE-PRE COVID	ND	ND	0.02	0.02
	RMSE-COVID	ND	ND	0.03	0.03
	RMSE-SP PRE COVID	ND	ND	0.02	0.02
	RMSE-SP COVID	ND	ND	0.07	0.08
	CANETE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-0.89
ESP		ND	ND	-0.25	ND
EET		ND	ND	0.41	ND
ET		ND	ND	-0.73	ND
RMSE-PRE COVID		ND	ND	0.02	ND
RMSE-COVID		ND	ND	0.07	ND
RMSE-SP PRE COVID		ND	ND	0.02	ND
RMSE-SP COVID		ND	ND	0.08	ND
FERREÑAFE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	-1.90
	EET	ND	ND	ND	0.89
	ET	ND	ND	ND	2.20
	RMSE-PRE COVID	ND	ND	ND	0.02
	RMSE-COVID	ND	ND	ND	0.06
	RMSE-SP PRE COVID	ND	ND	ND	0.02
	RMSE-SP COVID	ND	ND	ND	0.08
	HUANTA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-4.67
ESP		ND	ND	0.51	ND
EET		ND	ND	0.99	ND
ET		ND	ND	-3.17	ND
RMSE-PRE COVID		ND	ND	0.01	ND
RMSE-COVID		ND	ND	0.06	ND
RMSE-SP PRE COVID		ND	ND	0.01	ND
RMSE-SP COVID		ND	ND	0.06	ND
HUANUCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	-8.71
	ESP	ND	ND	-0.34	-1.76
	EET	ND	ND	1.80	1.80
	ET	ND	ND	-7.26	-7.26
	RMSE-PRE COVID	ND	ND	0.01	0.01
	RMSE-COVID	ND	ND	0.08	0.08
	RMSE-SP PRE COVID	ND	ND	0.01	0.01
	RMSE-SP COVID	ND	ND	0.08	0.07
	HUARAZ TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-5.75
ESP		ND	ND	-0.60	-1.72
EET		ND	ND	-0.48	-0.48
ET		ND	ND	-6.83	-6.83
RMSE-PRE COVID		ND	ND	0.02	0.02
RMSE-COVID		ND	ND	0.07	0.07
RMSE-SP PRE COVID		ND	ND	0.02	0.02
RMSE-SP COVID		ND	ND	0.07	0.07
JORGE BASADRE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	42.21	53.66
	ESP	ND	-0.63	-12.08	-10.77
	EET	ND	1.89	1.89	1.89
	ET	ND	43.47	43.47	43.47
	RMSE-PRE COVID	ND	0.05	0.05	0.05
	RMSE-COVID	ND	0.22	0.22	0.22
	RMSE-SP PRE COVID	ND	0.05	0.05	0.05
	RMSE-SP COVID	ND	0.22	0.28	0.27

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LA CONVENCION		EC&P	ND	ND	4.13	5.29	
	TEST SP:	ESP	ND	ND	-1.81	-2.97	
	$\alpha \leq 5\%$	EET	ND	ND	-0.45	-0.45	
	TEST TE:	ET	ND	ND	1.87	1.87	
	$\alpha \leq 1\%$	RMSE-PRE COVID	ND	ND	0.01	0.01	
		RMSE-COVID	ND	ND	0.05	0.05	
		RMSE-SP PRE COVID	ND	ND	0.01	0.01	
		RMSE-SP COVID	ND	ND	0.07	0.08	
	MARISCAL RAMON CASTILLA		EC&P	ND	ND	2.37	3.19
		TEST SP:	ESP	ND	ND	-0.86	-1.67
$\alpha \leq 1\%$		EET	ND	ND	-0.08	-0.08	
TEST TE:		ET	ND	ND	1.44	1.44	
$\alpha \leq 5\%$		RMSE-PRE COVID	ND	ND	0.02	0.02	
		RMSE-COVID	ND	ND	0.05	0.05	
		RMSE-SP PRE COVID	ND	ND	0.02	0.02	
		RMSE-SP COVID	ND	ND	0.06	0.07	
PADRE ABAD			EC&P	ND	ND	5.66	5.40
		TEST SP:	ESP	ND	ND	-2.86	-2.60
	$\alpha \leq 1\%$	EET	ND	ND	0.62	0.62	
	TEST TE:	ET	ND	ND	3.41	3.41	
	$\alpha \leq 1\%$	RMSE-PRE COVID	ND	ND	0.02	0.02	
		RMSE-COVID	ND	ND	0.04	0.04	
		RMSE-SP PRE COVID	ND	ND	0.02	0.02	
		RMSE-SP COVID	ND	ND	0.08	0.08	
	SULLANA		EC&P	ND	ND	-6.85	ND
		TEST SP:	ESP	ND	ND	0.17	ND
$\alpha \leq 1\%$		EET	ND	ND	1.84	ND	
TEST TE:		ET	ND	ND	-4.84	ND	
$\alpha \leq 1\%$		RMSE-PRE COVID	ND	ND	0.02	ND	
		RMSE-COVID	ND	ND	0.10	ND	
		RMSE-SP PRE COVID	ND	ND	0.02	ND	
		RMSE-SP COVID	ND	ND	0.11	ND	
TACNA			EC&P	ND	ND	-1.82	ND
		TEST SP:	ESP	ND	ND	0.16	ND
	$\alpha \leq 1\%$	EET	ND	ND	1.13	ND	
	TEST TE:	ET	ND	ND	-0.54	ND	
	$\alpha \leq 1\%$	RMSE-PRE COVID	ND	ND	0.01	ND	
		RMSE-COVID	ND	ND	0.03	ND	
		RMSE-SP PRE COVID	ND	ND	0.01	ND	
		RMSE-SP COVID	ND	ND	0.03	ND	
	TAMBOPATA		EC&P	ND	ND	ND	5.95
		TEST SP:	ESP	ND	ND	ND	-4.74
$\alpha \leq 1\%$		EET	ND	ND	ND	0.34	
TEST TE:		ET	ND	ND	ND	1.54	
$\alpha \leq 1\%$		RMSE-PRE COVID	ND	ND	ND	0.01	
		RMSE-COVID	ND	ND	ND	0.02	
		RMSE-SP PRE COVID	ND	ND	ND	0.01	
		RMSE-SP COVID	ND	ND	ND	0.06	
TRUJILLO			EC&P	ND	ND	-14.32	-11.32
		TEST SP:	ESP	ND	ND	-0.05	-3.05
	$\alpha \leq 5\%$	EET	ND	ND	1.60	1.60	
	TEST TE:	ET	ND	ND	-12.77	-12.77	
	$\alpha \leq 1\%$	RMSE-PRE COVID	ND	ND	0.01	0.01	
		RMSE-COVID	ND	ND	0.12	0.12	
		RMSE-SP PRE COVID	ND	ND	0.01	0.01	
		RMSE-SP COVID	ND	ND	0.12	0.10	

Tasa de Informalidad						
S1 : [97.42]						
S2 : [95.87, 96.18, 97.42]						
S3 : [95.19, 95.32, 95.87, 96.18, 97.42]						
S4 : > 87.86						
BELLAVISTA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	9.93	
	ESP	ND	ND	ND	-1.28	
	EET	ND	ND	ND	-0.93	
	ET	ND	ND	ND	7.72	
	RMSE-PRE COVID	ND	ND	ND	0.03	
	RMSE-COVID	ND	ND	ND	0.09	
	RMSE-SP PRE COVID	ND	ND	ND	0.03	
	RMSE-SP COVID	ND	ND	ND	0.10	
	CAYLLOMA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	4.56
		ESP	ND	ND	ND	-3.51
EET		ND	ND	ND	1.53	
ET		ND	ND	ND	2.59	
RMSE-PRE COVID		ND	ND	ND	0.02	
RMSE-COVID		ND	ND	ND	0.03	
RMSE-SP PRE COVID		ND	ND	ND	0.02	
RMSE-SP COVID		ND	ND	ND	0.07	
HUANUCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	ND	-7.77
		ESP	ND	ND	ND	-1.29
	EET	ND	ND	ND	1.80	
	ET	ND	ND	ND	-7.26	
	RMSE-PRE COVID	ND	ND	ND	0.01	
	RMSE-COVID	ND	ND	ND	0.08	
	RMSE-SP PRE COVID	ND	ND	ND	0.01	
	RMSE-SP COVID	ND	ND	ND	0.07	
	HUARAZ TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	ND	-5.20
		ESP	ND	ND	ND	-1.15
EET		ND	ND	ND	-0.48	
ET		ND	ND	ND	-6.83	
RMSE-PRE COVID		ND	ND	ND	0.02	
RMSE-COVID		ND	ND	ND	0.07	
RMSE-SP PRE COVID		ND	ND	ND	0.02	
RMSE-SP COVID		ND	ND	ND	0.07	
JORGE BASADRE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	42.02	42.47	52.80
		ESP	ND	-0.45	-0.89	-11.22
	EET	ND	1.89	1.89	1.89	
	ET	ND	43.47	43.47	43.47	
	RMSE-PRE COVID	ND	0.05	0.05	0.05	
	RMSE-COVID	ND	0.22	0.22	0.22	
	RMSE-SP PRE COVID	ND	0.05	0.05	0.05	
	RMSE-SP COVID	ND	0.22	0.23	0.28	
	LA CONVENCION TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	6.89
		ESP	ND	ND	ND	-4.57
EET		ND	ND	ND	-0.45	
ET		ND	ND	ND	1.87	
RMSE-PRE COVID		ND	ND	ND	0.01	
RMSE-COVID		ND	ND	ND	0.05	
RMSE-SP PRE COVID		ND	ND	ND	0.01	
RMSE-SP COVID		ND	ND	ND	0.10	
MANU TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	ND	ND	2.39
		ESP	ND	ND	ND	-2.63
	EET	ND	ND	ND	-1.09	
	ET	ND	ND	ND	-1.33	
	RMSE-PRE COVID	ND	ND	ND	0.04	
	RMSE-COVID	ND	ND	ND	0.06	
	RMSE-SP PRE COVID	ND	ND	ND	0.04	
	RMSE-SP COVID	ND	ND	ND	0.09	

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MARISCAL RAMON CASTILLA		EC&P	ND	ND	ND	2.89
TEST SP:		ESP	ND	ND	ND	-1.37
α≤1%		EET	ND	ND	ND	-0.08
TEST TE:		ET	ND	ND	ND	1.44
α≤5%		RMSE-PRE COVID	ND	ND	ND	0.02
		RMSE-COVID	ND	ND	ND	0.05
		RMSE-SP PRE COVID	ND	ND	ND	0.02
		RMSE-SP COVID	ND	ND	ND	0.07
PADRE ABAD		EC&P	ND	ND	ND	5.94
TEST SP:		ESP	ND	ND	ND	-3.15
α≤1%		EET	ND	ND	ND	0.62
TEST TE:		ET	ND	ND	ND	3.41
α≤1%		RMSE-PRE COVID	ND	ND	ND	0.02
		RMSE-COVID	ND	ND	ND	0.04
		RMSE-SP PRE COVID	ND	ND	ND	0.02
		RMSE-SP COVID	ND	ND	ND	0.08
SANTA		EC&P	ND	ND	ND	6.43
TEST SP:		ESP	ND	ND	ND	-5.02
α≤1%		EET	ND	ND	ND	-0.79
TEST TE:		ET	ND	ND	ND	0.62
α≤5%		RMSE-PRE COVID	ND	ND	ND	0.02
		RMSE-COVID	ND	ND	ND	0.03
		RMSE-SP PRE COVID	ND	ND	ND	0.02
		RMSE-SP COVID	ND	ND	ND	0.06
SULLANA		EC&P	ND	ND	-6.63	-9.02
TEST SP:		ESP	ND	ND	-0.05	2.34
α≤1%		EET	ND	ND	1.84	1.84
TEST TE:		ET	ND	ND	-4.84	-4.84
α≤10%		RMSE-PRE COVID	ND	ND	0.02	0.02
		RMSE-COVID	ND	ND	0.10	0.10
		RMSE-SP PRE COVID	ND	ND	0.02	0.02
		RMSE-SP COVID	ND	ND	0.10	0.12
TAMBOPATA		EC&P	ND	ND	ND	5.09
TEST SP:		ESP	ND	ND	ND	-3.88
α≤1%		EET	ND	ND	ND	0.34
TEST TE:		ET	ND	ND	ND	1.54
α≤10%		RMSE-PRE COVID	ND	ND	ND	0.01
		RMSE-COVID	ND	ND	ND	0.02
		RMSE-SP PRE COVID	ND	ND	ND	0.01
		RMSE-SP COVID	ND	ND	ND	0.05
TRUJILLO		EC&P	ND	ND	ND	-12.62
TEST SP:		ESP	ND	ND	ND	-1.75
α≤1%		EET	ND	ND	ND	1.60
TEST TE:		ET	ND	ND	ND	-12.77
α≤1%		RMSE-PRE COVID	ND	ND	ND	0.01
		RMSE-COVID	ND	ND	ND	0.12
		RMSE-SP PRE COVID	ND	ND	ND	0.01
		RMSE-SP COVID	ND	ND	ND	0.11
Porcentaje del Gasto de Consumo de Bienes Alimenticios del Gasto Total S1: [93.5] S2 : [55.67, 57.61, 93.5] S3 : [53.75, 54.27, 55.67, 57.61, 93.5] S4 : > 47.79						
FERREÑAFE		EC&P	ND	2.68	ND	ND
TEST SP:		ESP	ND	-1.36	ND	ND
α≤5%		EET	ND	0.89	ND	ND
TEST TE:		ET	ND	2.20	ND	ND
α≤1%		RMSE-PRE COVID	ND	0.02	ND	ND
		RMSE-COVID	ND	0.06	ND	ND
		RMSE-SP PRE COVID	ND	0.02	ND	ND
		RMSE-SP COVID	ND	0.07	ND	ND



SULLANA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-6.51	ND	-6.91	
	ESP	ND	-0.17	ND	0.23	
	EET	ND	1.84	ND	1.84	
	ET	ND	-4.84	ND	-4.84	
	RMSE-PRE COVID	ND	0.02	ND	0.02	
	RMSE-COVID	ND	0.10	ND	0.10	
	RMSE-SP PRE COVID	ND	0.02	ND	0.02	
	RMSE-SP COVID	ND	0.10	ND	0.10	
	Densidad Geográfica {'S1': 1.0, 'S2': 12.0, 'S3': 0.0, 'S4': 2.0} S1 : [71.43] S2 : [53.47, 59.75, 71.43] S3 : [49.06, 49.52, 53.47, 59.75, 71.43] S4 : > 26.42					
	BELLAVISTA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	9.72	ND	ND
		ESP	ND	-1.07	ND	ND
EET		ND	-0.93	ND	ND	
ET		ND	7.72	ND	ND	
RMSE-PRE COVID		ND	0.03	ND	ND	
RMSE-COVID		ND	0.09	ND	ND	
RMSE-SP PRE COVID		ND	0.03	ND	ND	
RMSE-SP COVID		ND	0.10	ND	ND	
CAÑETE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$		EC&P	-0.97	-1.08	ND	ND
		ESP	-0.17	-0.05	ND	ND
		EET	0.41	0.41	ND	ND
	ET	-0.73	-0.73	ND	ND	
	RMSE-PRE COVID	0.02	0.02	ND	ND	
	RMSE-COVID	0.07	0.07	ND	ND	
	RMSE-SP PRE COVID	0.02	0.02	ND	ND	
	RMSE-SP COVID	0.08	0.08	ND	ND	
	CHINCHA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	-2.87	ND	ND
		ESP	ND	-0.65	ND	ND
		EET	ND	1.64	ND	ND
ET		ND	-1.87	ND	ND	
RMSE-PRE COVID		ND	0.01	ND	ND	
RMSE-COVID		ND	0.07	ND	ND	
RMSE-SP PRE COVID		ND	0.01	ND	ND	
RMSE-SP COVID		ND	0.07	ND	ND	
FERREÑAFE TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	1.11	ND	ND
		ESP	ND	0.21	ND	ND
		EET	ND	0.89	ND	ND
	ET	ND	2.20	ND	ND	
	RMSE-PRE COVID	ND	0.02	ND	ND	
	RMSE-COVID	ND	0.06	ND	ND	
	RMSE-SP PRE COVID	ND	0.02	ND	ND	
	RMSE-SP COVID	ND	0.06	ND	ND	
	HUANUCO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-9.26	ND	-9.08
		ESP	ND	0.21	ND	0.03
		EET	ND	1.80	ND	1.80
ET		ND	-7.26	ND	-7.26	
RMSE-PRE COVID		ND	0.01	ND	0.01	
RMSE-COVID		ND	0.08	ND	0.08	
RMSE-SP PRE COVID		ND	0.01	ND	0.01	
RMSE-SP COVID		ND	0.09	ND	0.08	
HUARAZ TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-5.99	ND	ND
		ESP	ND	-0.36	ND	ND
		EET	ND	-0.48	ND	ND
	ET	ND	-6.83	ND	ND	
	RMSE-PRE COVID	ND	0.02	ND	ND	
	RMSE-COVID	ND	0.07	ND	ND	
	RMSE-SP PRE COVID	ND	0.02	ND	ND	
	RMSE-SP COVID	ND	0.07	ND	ND	

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JORGE BASADRE TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	42.05	ND	48.35	
	ESP	ND	-0.47	ND	-6.78	
	EET	ND	1.89	ND	1.89	
	ET	ND	43.47	ND	43.47	
	RMSE-PRE COVID	ND	0.05	ND	0.05	
	RMSE-COVID	ND	0.22	ND	0.22	
	RMSE-SP PRE COVID	ND	0.05	ND	0.05	
	RMSE-SP COVID	ND	0.22	ND	0.25	
	LA CONVENCION TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	2.84	ND	ND
		ESP	ND	-0.52	ND	ND
EET		ND	-0.45	ND	ND	
ET		ND	1.87	ND	ND	
RMSE-PRE COVID		ND	0.01	ND	ND	
RMSE-COVID		ND	0.05	ND	ND	
RMSE-SP PRE COVID		ND	0.01	ND	ND	
RMSE-SP COVID		ND	0.06	ND	ND	
MARISCAL RAMON CASTILLA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	2.52	ND	ND
		ESP	ND	-1.00	ND	ND
	EET	ND	-0.08	ND	ND	
	ET	ND	1.44	ND	ND	
	RMSE-PRE COVID	ND	0.02	ND	ND	
	RMSE-COVID	ND	0.05	ND	ND	
	RMSE-SP PRE COVID	ND	0.02	ND	ND	
	RMSE-SP COVID	ND	0.06	ND	ND	
	PADRE ABAD TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	3.29	ND	ND
		ESP	ND	-0.49	ND	ND
EET		ND	0.62	ND	ND	
ET		ND	3.41	ND	ND	
RMSE-PRE COVID		ND	0.02	ND	ND	
RMSE-COVID		ND	0.04	ND	ND	
RMSE-SP PRE COVID		ND	0.02	ND	ND	
RMSE-SP COVID		ND	0.05	ND	ND	
TACNA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-2.12	ND	ND
		ESP	ND	0.46	ND	ND
	EET	ND	1.13	ND	ND	
	ET	ND	-0.54	ND	ND	
	RMSE-PRE COVID	ND	0.01	ND	ND	
	RMSE-COVID	ND	0.03	ND	ND	
	RMSE-SP PRE COVID	ND	0.01	ND	ND	
	RMSE-SP COVID	ND	0.03	ND	ND	
	TRUJILLO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-14.13	ND	ND
		ESP	ND	-0.24	ND	ND
EET		ND	1.60	ND	ND	
ET		ND	-12.77	ND	ND	
RMSE-PRE COVID		ND	0.01	ND	ND	
RMSE-COVID		ND	0.12	ND	ND	
RMSE-SP PRE COVID		ND	0.01	ND	ND	
RMSE-SP COVID		ND	0.12	ND	ND	

Fuente: INEI-ENAH0 (2022), INEI (2022a). MINSA (2022). Elaboración propia.

## CUADRO A4. EFECTOS SOBRE EL INGRESO REAL PROMEDIO

PROVINCIA	EFECTOS EN PORCENTAJES DEL NIVEL DE INGRESO REAL DEL TRIMESTRE 2020.I	S1	S2	S3	S4	
Tasa de Delincuencia o Criminalidad						
S1: [135.2]						
S2: [89.6, 120.8, 135.2]						
S3 : [76.9, 81.7, 89.6, 120.8, 135.2]						
S4 : > 47.81						
HUAMANGA	EC&P	ND	ND	-7.68	ND	
	TEST SP: $\alpha \leq 5\%$	ESP	ND	ND	8.50	ND
	TEST TE: $\alpha \leq 10\%$	EET	ND	ND	-5.94	ND
		ET	ND	ND	-5.12	ND
	RMSE-PRE COVID	ND	ND	0.04	ND	
	RMSE-COVID	ND	ND	0.06	ND	
	RMSE-SP PRE COVID	ND	ND	0.04	ND	
	RMSE-SP COVID	ND	ND	0.11	ND	
	HUANCAVELICA	EC&P	ND	ND	ND	-23.8
		TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND
TEST TE: $\alpha \leq 5\%$		EET	ND	ND	ND	-2.12
		ET	ND	ND	ND	-24.9
RMSE-PRE COVID		ND	ND	ND	0.02	
RMSE-COVID		ND	ND	ND	0.11	
RMSE-SP PRE COVID		ND	ND	ND	0.02	
RMSE-SP COVID		ND	ND	ND	0.11	
HUANUCO		EC&P	ND	ND	ND	-15.6
		TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND
	TEST TE: $\alpha \leq 1\%$	EET	ND	ND	ND	2.37
		ET	ND	ND	ND	-6.52
	RMSE-PRE COVID	ND	ND	ND	0.03	
	RMSE-COVID	ND	ND	ND	0.14	
	RMSE-SP PRE COVID	ND	ND	ND	0.03	
	RMSE-SP COVID	ND	ND	ND	0.20	
	MANU	EC&P	ND	ND	ND	53.83
		TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND
TEST TE: $\alpha \leq 1\%$		EET	ND	ND	ND	-7.58
		ET	ND	ND	ND	44.48
RMSE-PRE COVID		ND	ND	ND	0.17	
RMSE-COVID		ND	ND	ND	0.71	
RMSE-SP PRE COVID		ND	ND	ND	0.17	
RMSE-SP COVID		ND	ND	ND	0.71	
SANTA		EC&P	ND	ND	ND	-11.0
		TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND
	TEST TE: $\alpha \leq 5\%$	EET	ND	ND	ND	-2.94
		ET	ND	ND	ND	-14.8
	RMSE-PRE COVID	ND	ND	ND	0.05	
	RMSE-COVID	ND	ND	ND	0.18	
	RMSE-SP PRE COVID	ND	ND	ND	0.05	
	RMSE-SP COVID	ND	ND	ND	0.17	
	Densidad del Número de Miembros del Hogar					
	S1: [4.98]					
S2: [4.52, 4.55, 4.98]						
S3 : [4.12, 4.31, 4.52, 4.55, 4.98]						
S4 : > 3.45						
CALLAO	EC&P	ND	-13.6	-14.0	ND	
	TEST SP: $\alpha \leq 5\%$	ESP	ND	1.66	2.04	ND
	TEST TE: $\alpha \leq 1\%$	EET	ND	1.54	1.54	ND
		ET	ND	-10.39	-10.39	ND
	RMSE-PRE COVID	ND	0.08	0.08	ND	
	RMSE-COVID	ND	0.30	0.30	ND	
	RMSE-SP PRE COVID	ND	0.08	0.08	ND	
	RMSE-SP COVID	ND	0.33	0.33	ND	

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CUSCO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-29.7	-28.1	-37.1	
	ESP	ND	8.12	6.45	15.45	
	EET	ND	-2.89	-2.89	-2.89	
	ET	ND	-24.5	-24.5	-24.5	
	RMSE-PRE COVID	ND	0.08	0.08	0.08	
	RMSE-COVID	ND	0.27	0.27	0.27	
	RMSE-SP PRE COVID	ND	0.08	0.08	0.08	
	RMSE-SP COVID	ND	0.39	0.37	0.49	
	HUAMANGA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-10.09	ND
		ESP	ND	ND	10.91	ND
EET		ND	ND	-5.94	ND	
ET		ND	ND	-5.12	ND	
RMSE-PRE COVID		ND	ND	0.04	ND	
RMSE-COVID		ND	ND	0.06	ND	
RMSE-SP PRE COVID		ND	ND	0.04	ND	
RMSE-SP COVID		ND	ND	0.13	ND	
HUANCAVELICA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-26.1	-26.0	-27.0
		ESP	ND	3.27	3.27	4.18
	EET	ND	-2.12	-2.12	-2.12	
	ET	ND	-24.9	-24.9	-24.9	
	RMSE-PRE COVID	ND	0.02	0.02	0.02	
	RMSE-COVID	ND	0.11	0.11	0.11	
	RMSE-SP PRE COVID	ND	0.02	0.02	0.02	
	RMSE-SP COVID	ND	0.12	0.12	0.13	
	LA CONVENCION TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	-17.3	-16.9	ND
		ESP	ND	-2.55	-2.97	ND
EET		ND	-8.48	-8.48	ND	
ET		ND	-28.4	-28.4	ND	
RMSE-PRE COVID		ND	0.04	0.04	ND	
RMSE-COVID		ND	0.14	0.14	ND	
RMSE-SP PRE COVID		ND	0.04	0.04	ND	
RMSE-SP COVID		ND	0.13	0.12	ND	
MANU TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	56.47	55.83	49.19
		ESP	ND	-4.40	-3.76	2.88
	EET	ND	-7.58	-7.58	-7.58	
	ET	ND	44.48	44.48	44.48	
	RMSE-PRE COVID	ND	0.17	0.17	0.17	
	RMSE-COVID	ND	0.71	0.71	0.71	
	RMSE-SP PRE COVID	ND	0.17	0.17	0.17	
	RMSE-SP COVID	ND	0.72	0.72	0.70	
	PASCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-10.61	-10.42	ND
		ESP	ND	-0.40	-0.59	ND
EET		ND	-7.25	-7.25	ND	
ET		ND	-18.3	-18.3	ND	
RMSE-PRE COVID		ND	0.03	0.03	ND	
RMSE-COVID		ND	0.09	0.09	ND	
RMSE-SP PRE COVID		ND	0.03	0.03	ND	
RMSE-SP COVID		ND	0.08	0.08	ND	
SAN ROMAN TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	-19.2	-17.9	ND
		ESP	ND	4.96	3.63	ND
	EET	ND	-5.35	-5.35	ND	
	ET	ND	-19.6	-19.6	ND	
	RMSE-PRE COVID	ND	0.06	0.06	ND	
	RMSE-COVID	ND	0.15	0.15	ND	
	RMSE-SP PRE COVID	ND	0.06	0.06	ND	
	RMSE-SP COVID	ND	0.20	0.19	ND	

TALARA	EC&P	ND	-16.3	-20.5	ND
TEST SP: $\alpha \leq 5\%$	ESP	ND	-3.68	0.53	ND
TEST TE: $\alpha \leq 5\%$	EET	ND	1.75	1.75	ND
	ET	ND	-18.3	-18.3	ND
	RMSE-PRE COVID	ND	0.17	0.17	ND
	RMSE-COVID	ND	0.44	0.44	ND
	RMSE-SP PRE COVID	ND	0.17	0.17	ND
	RMSE-SP COVID	ND	0.40	0.45	ND
Edad Promedio del Jefe del Hogar (entre 15 y 65 años) S1: [57.45] S2: [56.98, 57.18, 57.45] S3: [55.76, 56.2, 56.98, 57.18, 57.45] S4 : > 52.43					
CAJAMARCA	EC&P	ND	-9.79	-10.1	ND
TEST SP: $\alpha \leq 10\%$	ESP	ND	3.53	3.87	ND
TEST TE: $\alpha \leq 5\%$	EET	ND	-7.13	-7.13	ND
	ET	ND	-13.4	-13.4	ND
	RMSE-PRE COVID	ND	0.03	0.03	ND
	RMSE-COVID	ND	0.09	0.09	ND
	RMSE-SP PRE COVID	ND	0.03	0.03	ND
	RMSE-SP COVID	ND	0.11	0.12	ND
CALLAO	EC&P	ND	-14.5	-15.6	-14.3
TEST SP: $\alpha \leq 10\%$	ESP	ND	2.61	3.62	2.35
TEST TE: $\alpha \leq 10\%$	EET	ND	1.54	1.54	1.54
	ET	ND	-10.4	-10.4	-10.4
	RMSE-PRE COVID	ND	0.08	0.08	0.08
	RMSE-COVID	ND	0.30	0.30	0.30
	RMSE-SP PRE COVID	ND	0.08	0.08	0.08
	RMSE-SP COVID	ND	0.34	0.36	0.34
CORONEL PORTILLO	EC&P	ND	ND	-8.73	ND
TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	2.55	ND
TEST TE: $\alpha \leq 5\%$	EET	ND	ND	1.60	ND
	ET	ND	ND	-4.58	ND
	RMSE-PRE COVID	ND	ND	0.02	ND
	RMSE-COVID	ND	ND	0.08	ND
	RMSE-SP PRE COVID	ND	ND	0.02	ND
	RMSE-SP COVID	ND	ND	0.10	ND
CUSCO	EC&P	ND	-27.6	-27.6	-34.7
TEST SP: $\alpha \leq 5\%$	ESP	ND	6.01	5.98	13.12
TEST TE: $\alpha \leq 10\%$	EET	ND	-2.89	-2.89	-2.89
	ET	ND	-24.5	-24.5	-24.5
	RMSE-PRE COVID	ND	0.08	0.08	0.08
	RMSE-COVID	ND	0.27	0.27	0.27
	RMSE-SP PRE COVID	ND	0.08	0.08	0.08
	RMSE-SP COVID	ND	0.35	0.35	0.44
HUAMANGA	EC&P	ND	ND	ND	-13.5
TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	14.34
TEST TE: $\alpha \leq 5\%$	EET	ND	ND	ND	-5.94
	ET	ND	ND	ND	-5.12
	RMSE-PRE COVID	ND	ND	ND	0.04
	RMSE-COVID	ND	ND	ND	0.06
	RMSE-SP PRE COVID	ND	ND	ND	0.04
	RMSE-SP COVID	ND	ND	ND	0.16
HUANCAVELICA	EC&P	ND	-26.5	-26.6	-32.2
TEST SP: $\alpha \leq 10\%$	ESP	ND	3.70	3.80	9.38
TEST TE: $\alpha \leq 10\%$	EET	ND	-2.12	-2.12	-2.12
	ET	ND	-24.9	-24.9	-24.9
	RMSE-PRE COVID	ND	0.02	0.02	0.02
	RMSE-COVID	ND	0.11	0.11	0.11
	RMSE-SP PRE COVID	ND	0.02	0.02	0.02
	RMSE-SP COVID	ND	0.13	0.13	0.14

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JORGE BASADRE	EC&P	ND	ND	ND	-39.4
TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	2.00
TEST TE: $\alpha \leq 5\%$	EET	ND	ND	ND	-2.78
	ET	ND	ND	ND	-40.2
	RMSE-PRE COVID	ND	ND	ND	0.26
	RMSE-COVID	ND	ND	ND	0.86
	RMSE-SP PRE COVID	ND	ND	ND	0.26
	RMSE-SP COVID	ND	ND	ND	0.89
LA CONVENCION	EC&P	ND	-18.7	-18.6	-27.0
TEST SP: $\alpha \leq 1\%$	ESP	ND	-1.20	-1.31	7.09
TEST TE: $\alpha \leq 10\%$	EET	ND	-8.48	-8.48	-8.48
	ET	ND	-28.4	-28.4	-28.4
	RMSE-PRE COVID	ND	0.04	0.04	0.04
	RMSE-COVID	ND	0.14	0.14	0.14
	RMSE-SP PRE COVID	ND	0.04	0.04	0.04
	RMSE-SP COVID	ND	0.14	0.13	0.18
LIMA	EC&P	ND	ND	ND	-16.3
TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	6.97
TEST TE: $\alpha \leq 5\%$	EET	ND	ND	ND	-1.81
	ET	ND	ND	ND	-11.12
	RMSE-PRE COVID	ND	ND	ND	0.07
	RMSE-COVID	ND	ND	ND	0.20
	RMSE-SP PRE COVID	ND	ND	ND	0.07
	RMSE-SP COVID	ND	ND	ND	0.33
MANU	EC&P	ND	55.72	55.73	53.79
TEST SP: $\alpha \leq 1\%$	ESP	ND	-3.66	-3.67	-1.73
TEST TE: $\alpha \leq 5\%$	EET	ND	-7.58	-7.58	-7.58
	ET	ND	44.48	44.48	44.48
	RMSE-PRE COVID	ND	0.17	0.17	0.17
	RMSE-COVID	ND	0.71	0.71	0.71
	RMSE-SP PRE COVID	ND	0.17	0.17	0.17
	RMSE-SP COVID	ND	0.72	0.72	0.72
MARISCAL NIETO	EC&P	ND	-7.54	ND	ND
TEST SP: $\alpha \leq 1\%$	ESP	ND	-0.45	ND	ND
TEST TE: $\alpha \leq 5\%$	EET	ND	-6.40	ND	ND
	ET	ND	-14.39	ND	ND
	RMSE-PRE COVID	ND	0.03	ND	ND
	RMSE-COVID	ND	0.12	ND	ND
	RMSE-SP PRE COVID	ND	0.03	ND	ND
	RMSE-SP COVID	ND	0.12	ND	ND
MAYNAS	EC&P	ND	ND	ND	-13.7
TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	3.57
TEST TE: $\alpha \leq 1\%$	EET	ND	ND	ND	-1.79
	ET	ND	ND	ND	-11.9
	RMSE-PRE COVID	ND	ND	ND	0.02
	RMSE-COVID	ND	ND	ND	0.10
	RMSE-SP PRE COVID	ND	ND	ND	0.02
	RMSE-SP COVID	ND	ND	ND	0.13
SAN ROMAN	EC&P	ND	ND	ND	-32.2
TEST SP: $\alpha \leq 1\%$	ESP	ND	ND	ND	17.89
TEST TE: $\alpha \leq 1\%$	EET	ND	ND	ND	-5.35
	ET	ND	ND	ND	-19.6
	RMSE-PRE COVID	ND	ND	ND	0.06
	RMSE-COVID	ND	ND	ND	0.15
	RMSE-SP PRE COVID	ND	ND	ND	0.06
	RMSE-SP COVID	ND	ND	ND	0.32

SANTA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-14.3	-14.8	-12.6	
	ESP	ND	2.39	2.87	0.73	
	EET	ND	-2.94	-2.94	-2.94	
	ET	ND	-14.8	-14.8	-14.8	
	RMSE-PRE COVID	ND	0.05	0.05	0.05	
	RMSE-COVID	ND	0.18	0.18	0.18	
	RMSE-SP PRE COVID	ND	0.05	0.05	0.05	
	RMSE-SP COVID	ND	0.21	0.22	0.18	
	TALARA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-19.5	ND	-25.8
		ESP	ND	-0.48	ND	5.77
EET		ND	1.75	ND	1.75	
ET		ND	-18.3	ND	-18.3	
RMSE-PRE COVID		ND	0.17	ND	0.17	
RMSE-COVID		ND	0.44	ND	0.44	
RMSE-SP PRE COVID		ND	0.17	ND	0.17	
RMSE-SP COVID		ND	0.44	ND	0.51	
TAMBOPATA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	ND	-11.5
		ESP	ND	ND	ND	5.14
	EET	ND	ND	ND	0.36	
	ET	ND	ND	ND	-6.00	
	RMSE-PRE COVID	ND	ND	ND	0.13	
	RMSE-COVID	ND	ND	ND	0.25	
	RMSE-SP PRE COVID	ND	ND	ND	0.13	
	RMSE-SP COVID	ND	ND	ND	0.31	
	Porcentaje de Mujeres entre 15-65 años del total de miembros del hogar S1: [56.74] S2 : [52.23, 52.32, 56.74] S3 : [51.54, 51.58, 52.23, 52.32, 56.74] S4 : > 46.0					
	CALLAO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-15.32
ESP		ND	ND	ND	3.39	
EET		ND	ND	ND	1.54	
ET		ND	ND	ND	-10.39	
RMSE-PRE COVID		ND	ND	ND	0.08	
RMSE-COVID		ND	ND	ND	0.30	
RMSE-SP PRE COVID		ND	ND	ND	0.08	
RMSE-SP COVID		ND	ND	ND	0.36	
CHINCHA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	ND	8.45
		ESP	ND	ND	ND	-1.28
	EET	ND	ND	ND	-8.63	
	ET	ND	ND	ND	-1.46	
	RMSE-PRE COVID	ND	ND	ND	0.06	
	RMSE-COVID	ND	ND	ND	0.13	
	RMSE-SP PRE COVID	ND	ND	ND	0.06	
	RMSE-SP COVID	ND	ND	ND	0.13	
	CUSCO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-33.25
		ESP	ND	ND	ND	11.64
EET		ND	ND	ND	-2.89	
ET		ND	ND	ND	-24.49	
RMSE-PRE COVID		ND	ND	ND	0.08	
RMSE-COVID		ND	ND	ND	0.27	
RMSE-SP PRE COVID		ND	ND	ND	0.08	
RMSE-SP COVID		ND	ND	ND	0.42	
HUANCAVELICA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	ND	-38.02
		ESP	ND	ND	ND	15.24
	EET	ND	ND	ND	-2.12	
	ET	ND	ND	ND	-24.89	
	RMSE-PRE COVID	ND	ND	ND	0.02	
	RMSE-COVID	ND	ND	ND	0.11	
	RMSE-SP PRE COVID	ND	ND	ND	0.02	
	RMSE-SP COVID	ND	ND	ND	0.17	

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JAEN TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	-17.10
	ESP	ND	ND	ND	0.62
	EET	ND	ND	ND	-1.72
	ET	ND	ND	ND	-18.20
	RMSE-PRE COVID	ND	ND	ND	0.08
	RMSE-COVID	ND	ND	ND	0.19
	RMSE-SP PRE COVID	ND	ND	ND	0.08
	RMSE-SP COVID	ND	ND	ND	0.19
	JORGE BASADRE TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	4.19
EET		ND	ND	ND	-2.78
ET		ND	ND	ND	-40.21
RMSE-PRE COVID		ND	ND	ND	0.26
RMSE-COVID		ND	ND	ND	0.86
RMSE-SP PRE COVID		ND	ND	ND	0.26
RMSE-SP COVID		ND	ND	ND	0.93
LA CONVENCION TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	5.35
	EET	ND	ND	ND	-8.48
	ET	ND	ND	ND	-28.36
	RMSE-PRE COVID	ND	ND	ND	0.04
	RMSE-COVID	ND	ND	ND	0.14
	RMSE-SP PRE COVID	ND	ND	ND	0.04
	RMSE-SP COVID	ND	ND	ND	0.18
	LIMA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	5.07
EET		ND	ND	ND	-1.81
ET		ND	ND	ND	-11.12
RMSE-PRE COVID		ND	ND	ND	0.07
RMSE-COVID		ND	ND	ND	0.20
RMSE-SP PRE COVID		ND	ND	ND	0.07
RMSE-SP COVID		ND	ND	ND	0.31
MANU TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	6.03
	EET	ND	ND	ND	-7.58
	ET	ND	ND	ND	44.48
	RMSE-PRE COVID	ND	ND	ND	0.17
	RMSE-COVID	ND	ND	ND	0.71
	RMSE-SP PRE COVID	ND	ND	ND	0.17
	RMSE-SP COVID	ND	ND	ND	0.66
	SAN ROMAN TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	17.18
EET		ND	ND	ND	-5.35
ET		ND	ND	ND	-19.62
RMSE-PRE COVID		ND	ND	ND	0.06
RMSE-COVID		ND	ND	ND	0.15
RMSE-SP PRE COVID		ND	ND	ND	0.06
RMSE-SP COVID		ND	ND	ND	0.31
TALARA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	2.58
	EET	ND	ND	ND	1.75
	ET	ND	ND	ND	-18.27
	RMSE-PRE COVID	ND	ND	ND	0.17
	RMSE-COVID	ND	ND	ND	0.44
	RMSE-SP PRE COVID	ND	ND	ND	0.17
	RMSE-SP COVID	ND	ND	ND	0.47



TAMBOPATA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-13.06
	ESP	ND	ND	ND	6.70
	EET	ND	ND	ND	0.36
	ET	ND	ND	ND	-6.00
	RMSE-PRE COVID	ND	ND	ND	0.13
	RMSE-COVID	ND	ND	ND	0.25
	RMSE-SP PRE COVID	ND	ND	ND	0.13
	RMSE-SP COVID	ND	ND	ND	0.33
	Promedio del Nivel Educativo S1: [3.85] S2: [3.85, 3.87, 4.0] S3 : [3.85, 3.87, 4.0, 4.05, 4.06] S4 : < 4.65				
ANGARAES TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	-47.13
	ESP	ND	ND	ND	40.04
	EET	ND	ND	ND	-13.70
	ET	ND	ND	ND	-20.79
	RMSE-PRE COVID	ND	ND	ND	0.03
	RMSE-COVID	ND	ND	ND	0.04
	RMSE-SP PRE COVID	ND	ND	ND	0.03
	RMSE-SP COVID	ND	ND	ND	0.15
	CAJAMARCA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	-9.78	-9.95
ESP		ND	3.52	3.69	ND
EET		ND	-7.13	-7.13	ND
ET		ND	-13.38	-13.38	ND
RMSE-PRE COVID		ND	0.03	0.03	ND
RMSE-COVID		ND	0.09	0.09	ND
RMSE-SP PRE COVID		ND	0.03	0.03	ND
RMSE-SP COVID		ND	0.11	0.11	ND
CHINCHA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	10.69
	ESP	ND	ND	-3.52	ND
	EET	ND	ND	-8.63	ND
	ET	ND	ND	-1.46	ND
	RMSE-PRE COVID	ND	ND	0.06	ND
	RMSE-COVID	ND	ND	0.13	ND
	RMSE-SP PRE COVID	ND	ND	0.06	ND
	RMSE-SP COVID	ND	ND	0.17	ND
	CUSCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-28.70	ND
ESP		ND	7.09	ND	ND
EET		ND	-2.89	ND	ND
ET		ND	-24.49	ND	ND
RMSE-PRE COVID		ND	0.08	ND	ND
RMSE-COVID		ND	0.27	ND	ND
RMSE-SP PRE COVID		ND	0.08	ND	ND
RMSE-SP COVID		ND	0.38	ND	ND
HUANCAVELICA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-29.49	-29.92
	ESP	ND	6.72	7.14	ND
	EET	ND	-2.12	-2.12	ND
	ET	ND	-24.89	-24.89	ND
	RMSE-PRE COVID	ND	0.02	0.02	ND
	RMSE-COVID	ND	0.11	0.11	ND
	RMSE-SP PRE COVID	ND	0.02	0.02	ND
	RMSE-SP COVID	ND	0.14	0.14	ND
	JORGE BASADRE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	3.41
EET		ND	ND	ND	-2.78
ET		ND	ND	ND	-40.21
RMSE-PRE COVID		ND	ND	ND	0.26
RMSE-COVID		ND	ND	ND	0.86
RMSE-SP PRE COVID		ND	ND	ND	0.26
RMSE-SP COVID		ND	ND	ND	0.91

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LIMA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-12.38	ND	ND
	ESP	ND	3.06	ND	ND
	EET	ND	-1.81	ND	ND
	ET	ND	-11.12	ND	ND
	RMSE-PRE COVID	ND	0.07	ND	ND
	RMSE-COVID	ND	0.20	ND	ND
	RMSE-SP PRE COVID	ND	0.07	ND	ND
	RMSE-SP COVID	ND	0.27	ND	ND
	MANU TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	56.58	56.25
ESP		ND	-4.51	-4.19	ND
EET		ND	-7.58	-7.58	ND
ET		ND	44.48	44.48	ND
RMSE-PRE COVID		ND	0.17	0.17	ND
RMSE-COVID		ND	0.71	0.71	ND
RMSE-SP PRE COVID		ND	0.17	0.17	ND
RMSE-SP COVID		ND	0.73	0.72	ND
MARISCAL NIETO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	-7.01	ND
	ESP	ND	-0.98	ND	ND
	EET	ND	-6.40	ND	ND
	ET	ND	-14.39	ND	ND
	RMSE-PRE COVID	ND	0.03	ND	ND
	RMSE-COVID	ND	0.12	ND	ND
	RMSE-SP PRE COVID	ND	0.03	ND	ND
	RMSE-SP COVID	ND	0.12	ND	ND
	SAN ROMAN TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-18.37
ESP		ND	ND	4.10	ND
EET		ND	ND	-5.35	ND
ET		ND	ND	-19.62	ND
RMSE-PRE COVID		ND	ND	0.06	ND
RMSE-COVID		ND	ND	0.15	ND
RMSE-SP PRE COVID		ND	ND	0.06	ND
RMSE-SP COVID		ND	ND	0.20	ND
TALARA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-20.23	ND
	ESP	ND	0.21	ND	ND
	EET	ND	1.75	ND	ND
	ET	ND	-18.27	ND	ND
	RMSE-PRE COVID	ND	0.17	ND	ND
	RMSE-COVID	ND	0.44	ND	ND
	RMSE-SP PRE COVID	ND	0.17	ND	ND
	RMSE-SP COVID	ND	0.44	ND	ND
	UTCUBAMBA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	15.35
ESP		ND	ND	-7.94	ND
EET		ND	ND	-16.65	ND
ET		ND	ND	-9.25	ND
RMSE-PRE COVID		ND	ND	0.02	ND
RMSE-COVID		ND	ND	0.06	ND
RMSE-SP PRE COVID		ND	ND	0.02	ND
RMSE-SP COVID		ND	ND	0.11	ND
Ingreso real Promedio					
S1: [372.22]					
S2 : [372.22, 398.76, 439.23]					
S3 : [372.22, 398.76, 439.23, 443.03, 460.76]					
S4 : < 640.49					
CALLAO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-14.58	ND	ND
	ESP	ND	2.64	ND	ND
	EET	ND	1.54	ND	ND
	ET	ND	-10.39	ND	ND
	RMSE-PRE COVID	ND	0.08	ND	ND
	RMSE-COVID	ND	0.30	ND	ND
	RMSE-SP PRE COVID	ND	0.08	ND	ND
	RMSE-SP COVID	ND	0.34	ND	ND

CUSCO TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-28.89	ND	-38.02	
	ESP	ND	7.28	ND	16.42	
	EET	ND	-2.89	ND	-2.89	
	ET	ND	-24.49	ND	-24.49	
	RMSE-PRE COVID	ND	0.08	ND	0.08	
	RMSE-COVID	ND	0.27	ND	0.27	
	RMSE-SP PRE COVID	ND	0.08	ND	0.08	
	RMSE-SP COVID	ND	0.38	ND	0.49	
	HUANCAVELICA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-29.64	ND	ND
		ESP	ND	6.86	ND	ND
EET		ND	-2.12	ND	ND	
ET		ND	-24.89	ND	ND	
RMSE-PRE COVID		ND	0.02	ND	ND	
RMSE-COVID		ND	0.11	ND	ND	
RMSE-SP PRE COVID		ND	0.02	ND	ND	
RMSE-SP COVID		ND	0.14	ND	ND	
HUANUCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	-14.01	ND	ND
		ESP	ND	5.12	ND	ND
	EET	ND	2.37	ND	ND	
	ET	ND	-6.52	ND	ND	
	RMSE-PRE COVID	ND	0.03	ND	ND	
	RMSE-COVID	ND	0.14	ND	ND	
	RMSE-SP PRE COVID	ND	0.03	ND	ND	
	RMSE-SP COVID	ND	0.19	ND	ND	
	JAEN TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	-17.14
		ESP	ND	ND	ND	0.66
EET		ND	ND	ND	-1.72	
ET		ND	ND	ND	-18.20	
RMSE-PRE COVID		ND	ND	ND	0.08	
RMSE-COVID		ND	ND	ND	0.19	
RMSE-SP PRE COVID		ND	ND	ND	0.08	
RMSE-SP COVID		ND	ND	ND	0.19	
LA CONVENCION TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-18.87	ND	ND
		ESP	ND	-1.01	ND	ND
	EET	ND	-8.48	ND	ND	
	ET	ND	-28.36	ND	ND	
	RMSE-PRE COVID	ND	0.04	ND	ND	
	RMSE-COVID	ND	0.14	ND	ND	
	RMSE-SP PRE COVID	ND	0.04	ND	ND	
	RMSE-SP COVID	ND	0.14	ND	ND	
	MANU TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	56.82	ND	46.76
		ESP	ND	-4.76	ND	5.31
EET		ND	-7.58	ND	-7.58	
ET		ND	44.48	ND	44.48	
RMSE-PRE COVID		ND	0.17	ND	0.17	
RMSE-COVID		ND	0.71	ND	0.71	
RMSE-SP PRE COVID		ND	0.17	ND	0.17	
RMSE-SP COVID		ND	0.73	ND	0.67	
MARISCAL NIETO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	-7.01	ND	ND
		ESP	ND	-0.98	ND	ND
	EET	ND	-6.40	ND	ND	
	ET	ND	-14.39	ND	ND	
	RMSE-PRE COVID	ND	0.03	ND	ND	
	RMSE-COVID	ND	0.12	ND	ND	
	RMSE-SP PRE COVID	ND	0.03	ND	ND	
	RMSE-SP COVID	ND	0.12	ND	ND	

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SAN ROMAN TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	-32.95
	ESP	ND	ND	ND	18.69
	EET	ND	ND	ND	-5.35
	ET	ND	ND	ND	-19.62
	RMSE-PRE COVID	ND	ND	ND	0.06
	RMSE-COVID	ND	ND	ND	0.15
	RMSE-SP PRE COVID	ND	ND	ND	0.06
	RMSE-SP COVID	ND	ND	ND	0.32
	SANTA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	-13.56	ND
ESP		ND	1.68	ND	ND
EET		ND	-2.94	ND	ND
ET		ND	-14.82	ND	ND
RMSE-PRE COVID		ND	0.05	ND	ND
RMSE-COVID		ND	0.18	ND	ND
RMSE-SP PRE COVID		ND	0.05	ND	ND
RMSE-SP COVID		ND	0.20	ND	ND
TALARA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	-19.96	ND
	ESP	ND	-0.06	ND	2.33
	EET	ND	1.75	ND	1.75
	ET	ND	-18.27	ND	-18.27
	RMSE-PRE COVID	ND	0.17	ND	0.17
	RMSE-COVID	ND	0.44	ND	0.44
	RMSE-SP PRE COVID	ND	0.17	ND	0.17
	RMSE-SP COVID	ND	0.44	ND	0.47
	TAMBOPATA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	6.08
EET		ND	ND	ND	0.36
ET		ND	ND	ND	-6.00
RMSE-PRE COVID		ND	ND	ND	0.13
RMSE-COVID		ND	ND	ND	0.25
RMSE-SP PRE COVID		ND	ND	ND	0.13
RMSE-SP COVID		ND	ND	ND	0.33
TRUJILLO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$		EC&P	ND	-9.58	ND
	ESP	ND	3.21	ND	ND
	EET	ND	-7.29	ND	ND
	ET	ND	-13.66	ND	ND
	RMSE-PRE COVID	ND	0.05	ND	ND
	RMSE-COVID	ND	0.09	ND	ND
	RMSE-SP PRE COVID	ND	0.05	ND	ND
	RMSE-SP COVID	ND	0.13	ND	ND
	UTCUBAMBA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	18.29
ESP		ND	ND	-10.89	ND
EET		ND	ND	-16.65	ND
ET		ND	ND	-9.25	ND
RMSE-PRE COVID		ND	ND	0.02	ND
RMSE-COVID		ND	ND	0.06	ND
RMSE-SP PRE COVID		ND	ND	0.02	ND
RMSE-SP COVID		ND	ND	0.12	ND
Tasa de Informalidad					
S1: [97.42]					
S2 : [95.87, 96.18, 97.42]					
S3 : [95.19, 95.32, 95.87, 96.18, 97.42]					
S4 : > 87.86					
CUSCO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	-28.73	ND	-32.5
	ESP	ND	7.13	ND	10.89
	EET	ND	-2.89	ND	-2.89
	ET	ND	-24.49	ND	-24.5
	RMSE-PRE COVID	ND	0.08	ND	0.08
	RMSE-COVID	ND	0.27	ND	0.27
	RMSE-SP PRE COVID	ND	0.08	ND	0.08
	RMSE-SP COVID	ND	0.38	ND	0.41

HUANCAVELICA	EC&P	ND	-29.98	ND	ND	
	TEST SP: $\alpha \leq 1\%$	ESP	ND	7.20	ND	
	TEST TE: $\alpha \leq 1\%$	EET	ND	-2.12	ND	
		ET	ND	-24.89	ND	
		RMSE-PRE COVID	ND	0.02	ND	
		RMSE-COVID	ND	0.11	ND	
		RMSE-SP PRE COVID	ND	0.02	ND	
		RMSE-SP COVID	ND	0.14	ND	
	MANU	EC&P	ND	57.13	ND	ND
		TEST SP: $\alpha \leq 1\%$	ESP	ND	-5.07	ND
TEST TE: $\alpha \leq 1\%$		EET	ND	-7.58	ND	
		ET	ND	44.48	ND	
		RMSE-PRE COVID	ND	0.17	ND	
		RMSE-COVID	ND	0.71	ND	
		RMSE-SP PRE COVID	ND	0.17	ND	
		RMSE-SP COVID	ND	0.73	ND	
MARISCAL NIETO		EC&P	ND	-6.55	ND	ND
		TEST SP: $\alpha \leq 1\%$	ESP	ND	-1.44	ND
	TEST TE: $\alpha \leq 5\%$	EET	ND	-6.40	ND	
		ET	ND	-14.39	ND	
		RMSE-PRE COVID	ND	0.03	ND	
		RMSE-COVID	ND	0.12	ND	
		RMSE-SP PRE COVID	ND	0.03	ND	
		RMSE-SP COVID	ND	0.11	ND	
	PASCO	EC&P	ND	-11.17	ND	ND
		TEST SP: $\alpha \leq 1\%$	ESP	ND	0.15	ND
TEST TE: $\alpha \leq 5\%$		EET	ND	-7.25	ND	
		ET	ND	-18.26	ND	
		RMSE-PRE COVID	ND	0.03	ND	
		RMSE-COVID	ND	0.09	ND	
		RMSE-SP PRE COVID	ND	0.03	ND	
		RMSE-SP COVID	ND	0.09	ND	
PIURA		EC&P	ND	-8.82	ND	ND
		TEST SP: $\alpha \leq 1\%$	ESP	ND	4.05	ND
	TEST TE: $\alpha \leq 5\%$	EET	ND	-7.19	ND	
		ET	ND	-11.96	ND	
		RMSE-PRE COVID	ND	0.02	ND	
		RMSE-COVID	ND	0.08	ND	
		RMSE-SP PRE COVID	ND	0.02	ND	
		RMSE-SP COVID	ND	0.12	ND	
	TALARA	EC&P	ND	-19.13	ND	ND
		TEST SP: $\alpha \leq 5\%$	ESP	ND	-0.89	ND
TEST TE: $\alpha \leq 1\%$		EET	ND	1.75	ND	
		ET	ND	-18.27	ND	
		RMSE-PRE COVID	ND	0.17	ND	
		RMSE-COVID	ND	0.44	ND	
		RMSE-SP PRE COVID	ND	0.17	ND	
		RMSE-SP COVID	ND	0.43	ND	
Porcentaje del Gasto de Consumo de Bienes Alimenticios del Gasto Total S1: [93.5] S2 : [55.67, 57.61, 93.5] S3 : [53.75, 54.27, 55.67, 57.61, 93.5] S4 : > 47.79						
CALLAO		EC&P	ND	ND	-14.00	ND
	TEST SP: $\alpha \leq 5\%$	ESP	ND	2.07	ND	
	TEST TE: $\alpha \leq 1\%$	EET	ND	ND	1.54	
		ET	ND	ND	-10.39	
		RMSE-PRE COVID	ND	ND	0.08	
		RMSE-COVID	ND	ND	0.30	
		RMSE-SP PRE COVID	ND	ND	0.08	
		RMSE-SP COVID	ND	ND	0.34	

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CUSCO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-30.65	-28.45
	ESP	ND	ND	9.05	6.84
	EET	ND	ND	-2.89	-2.89
	ET	ND	ND	-24.49	-24.49
	RMSE-PRE COVID	ND	ND	0.08	0.08
	RMSE-COVID	ND	ND	0.27	0.27
	RMSE-SP PRE COVID	ND	ND	0.08	0.08
	RMSE-SP COVID	ND	ND	0.40	0.37
	HUANCAVELICA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-27.67
ESP		ND	ND	4.89	ND
EET		ND	ND	-2.12	ND
ET		ND	ND	-24.89	ND
RMSE-PRE COVID		ND	ND	0.02	ND
RMSE-COVID		ND	ND	0.11	ND
RMSE-SP PRE COVID		ND	ND	0.02	ND
RMSE-SP COVID		ND	ND	0.13	ND
JAEN TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	ND
	ESP	ND	ND	ND	1.59
	EET	ND	ND	ND	-1.72
	ET	ND	ND	ND	-18.20
	RMSE-PRE COVID	ND	ND	ND	0.08
	RMSE-COVID	ND	ND	ND	0.19
	RMSE-SP PRE COVID	ND	ND	ND	0.08
	RMSE-SP COVID	ND	ND	ND	0.20
	JORGE BASADRE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	-0.62
EET		ND	ND	ND	-2.78
ET		ND	ND	ND	-40.21
RMSE-PRE COVID		ND	ND	ND	0.26
RMSE-COVID		ND	ND	ND	0.86
RMSE-SP PRE COVID		ND	ND	ND	0.26
RMSE-SP COVID		ND	ND	ND	0.83
LIMA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	-11.34
	ESP	ND	ND	2.02	ND
	EET	ND	ND	-1.81	ND
	ET	ND	ND	-11.12	ND
	RMSE-PRE COVID	ND	ND	0.07	ND
	RMSE-COVID	ND	ND	0.20	ND
	RMSE-SP PRE COVID	ND	ND	0.07	ND
	RMSE-SP COVID	ND	ND	0.26	ND
	MANU TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	55.71
ESP		ND	ND	-3.64	-2.87
EET		ND	ND	-7.58	-7.58
ET		ND	ND	44.48	44.48
RMSE-PRE COVID		ND	ND	0.17	0.17
RMSE-COVID		ND	ND	0.71	0.71
RMSE-SP PRE COVID		ND	ND	0.17	0.17
RMSE-SP COVID		ND	ND	0.71	0.72
SAN ROMAN TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	-19.5
	ESP	ND	ND	5.27	ND
	EET	ND	ND	-5.35	ND
	ET	ND	ND	-19.6	ND
	RMSE-PRE COVID	ND	ND	0.06	ND
	RMSE-COVID	ND	ND	0.15	ND
	RMSE-SP PRE COVID	ND	ND	0.06	ND
	RMSE-SP COVID	ND	ND	0.20	ND

UTCUBAMBA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	12.64	13.51
	ESP	ND	ND	-5.23	-6.11
	EET	ND	ND	-16.6	-16.6
	ET	ND	ND	-9.25	-9.25
	RMSE-PRE COVID	ND	ND	0.02	0.02
	RMSE-COVID	ND	ND	0.06	0.06
	RMSE-SP PRE COVID	ND	ND	0.02	0.02
	RMSE-SP COVID	ND	ND	0.08	0.09
	Densidad Geográfica S1: [71.43] S2: [53.47, 59.75, 71.43] S3 : [49.06, 49.52, 53.47, 59.75, 71.43] S4 : > 26.42				
CALLAO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	ND	-15.6
	ESP	ND	ND	ND	3.67
	EET	ND	ND	ND	1.54
	ET	ND	ND	ND	-10.39
	RMSE-PRE COVID	ND	ND	ND	0.08
	RMSE-COVID	ND	ND	ND	0.30
	RMSE-SP PRE COVID	ND	ND	ND	0.08
	RMSE-SP COVID	ND	ND	ND	0.36
	CHANCHAMAYO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-17.3
ESP		ND	ND	5.90	9.42
EET		ND	ND	-1.19	-1.19
ET		ND	ND	-12.6	-12.6
RMSE-PRE COVID		ND	ND	0.05	0.05
RMSE-COVID		ND	ND	0.13	0.13
RMSE-SP PRE COVID		ND	ND	0.05	0.05
RMSE-SP COVID		ND	ND	0.17	0.19
CHINCHA TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	16.84
	ESP	ND	ND	-9.67	-6.24
	EET	ND	ND	-8.63	-8.63
	ET	ND	ND	-1.46	-1.46
	RMSE-PRE COVID	ND	ND	0.06	0.06
	RMSE-COVID	ND	ND	0.13	0.13
	RMSE-SP PRE COVID	ND	ND	0.06	0.06
	RMSE-SP COVID	ND	ND	0.27	0.22
	HUANCAVELICA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	ND
ESP		ND	ND	ND	10.02
EET		ND	ND	ND	-2.12
ET		ND	ND	ND	-24.9
RMSE-PRE COVID		ND	ND	ND	0.02
RMSE-COVID		ND	ND	ND	0.11
RMSE-SP PRE COVID		ND	ND	ND	0.02
RMSE-SP COVID		ND	ND	ND	0.14
HUANUCO TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	-15.8
	ESP	ND	ND	6.91	8.57
	EET	ND	ND	2.37	2.37
	ET	ND	ND	-6.52	-6.52
	RMSE-PRE COVID	ND	ND	0.03	0.03
	RMSE-COVID	ND	ND	0.14	0.14
	RMSE-SP PRE COVID	ND	ND	0.03	0.03
	RMSE-SP COVID	ND	ND	0.20	0.21
	ICA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	16.93
ESP		ND	ND	-10.6	-7.45
EET		ND	ND	-7.92	-7.92
ET		ND	ND	-1.64	-1.64
RMSE-PRE COVID		ND	ND	0.05	0.05
RMSE-COVID		ND	ND	0.13	0.13
RMSE-SP PRE COVID		ND	ND	0.05	0.05
RMSE-SP COVID		ND	ND	0.30	0.26

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JORGE BASADRE TEST SP: $\alpha \leq 5\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	ND	-39.8	
	ESP	ND	ND	ND	2.36	
	EET	ND	ND	ND	-2.78	
	ET	ND	ND	ND	-40.2	
	RMSE-PRE COVID	ND	ND	ND	0.26	
	RMSE-COVID	ND	ND	ND	0.86	
	RMSE-SP PRE COVID	ND	ND	ND	0.26	
	RMSE-SP COVID	ND	ND	ND	0.89	
	LA CONVENCION TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-18.6	-27.9
		ESP	ND	ND	-1.23	8.03
EET		ND	ND	-8.48	-8.48	
ET		ND	ND	-28.4	-28.4	
RMSE-PRE COVID		ND	ND	0.04	0.04	
RMSE-COVID		ND	ND	0.14	0.14	
RMSE-SP PRE COVID		ND	ND	0.04	0.04	
RMSE-SP COVID		ND	ND	0.14	0.19	
LIMA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	ND	-8.84
		ESP	ND	ND	ND	-0.48
	EET	ND	ND	ND	-1.81	
	ET	ND	ND	ND	-11.12	
	RMSE-PRE COVID	ND	ND	ND	0.07	
	RMSE-COVID	ND	ND	ND	0.20	
	RMSE-SP PRE COVID	ND	ND	ND	0.07	
	RMSE-SP COVID	ND	ND	ND	0.18	
	MANU TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	55.97	53.60
		ESP	ND	ND	-3.90	-1.53
EET		ND	ND	-7.58	-7.58	
ET		ND	ND	44.48	44.48	
RMSE-PRE COVID		ND	ND	0.17	0.17	
RMSE-COVID		ND	ND	0.71	0.71	
RMSE-SP PRE COVID		ND	ND	0.17	0.17	
RMSE-SP COVID		ND	ND	0.72	0.72	
MAYNAS TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 5\%$		EC&P	ND	ND	ND	-18.49
		ESP	ND	ND	ND	8.39
	EET	ND	ND	ND	-1.79	
	ET	ND	ND	ND	-11.89	
	RMSE-PRE COVID	ND	ND	ND	0.02	
	RMSE-COVID	ND	ND	ND	0.10	
	RMSE-SP PRE COVID	ND	ND	ND	0.02	
	RMSE-SP COVID	ND	ND	ND	0.19	
	PIURA TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 10\%$	EC&P	ND	ND	-9.12	ND
		ESP	ND	ND	4.36	ND
EET		ND	ND	-7.19	ND	
ET		ND	ND	-11.96	ND	
RMSE-PRE COVID		ND	ND	0.02	ND	
RMSE-COVID		ND	ND	0.08	ND	
RMSE-SP PRE COVID		ND	ND	0.02	ND	
RMSE-SP COVID		ND	ND	0.12	ND	
SAN ROMAN TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$		EC&P	ND	ND	ND	-26.0
		ESP	ND	ND	ND	11.71
	EET	ND	ND	ND	-5.35	
	ET	ND	ND	ND	-19.62	
	RMSE-PRE COVID	ND	ND	ND	0.06	
	RMSE-COVID	ND	ND	ND	0.15	
	RMSE-SP PRE COVID	ND	ND	ND	0.06	
	RMSE-SP COVID	ND	ND	ND	0.27	



SANTA TEST SP: $\alpha \leq 10\%$ TEST TE: $\alpha \leq 1\%$	EC&P	ND	ND	-14.4	-13.4	
	ESP	ND	ND	2.55	1.55	
	EET	ND	ND	-2.94	-2.94	
	ET	ND	ND	-14.8	-14.8	
	RMSE-PRE COVID	ND	ND	0.05	0.05	
	RMSE-COVID	ND	ND	0.18	0.18	
	RMSE-SP PRE COVID	ND	ND	0.05	0.05	
	RMSE-SP COVID	ND	ND	0.21	0.19	
	TRUJILLO TEST SP: $\alpha \leq 1\%$ TEST TE: $\alpha \leq 5\%$	EC&P	ND	ND	-10.07	ND
		ESP	ND	ND	3.71	ND
EET		ND	ND	-7.29	ND	
ET		ND	ND	-13.66	ND	
RMSE-PRE COVID		ND	ND	0.05	ND	
RMSE-COVID		ND	ND	0.09	ND	
RMSE-SP PRE COVID		ND	ND	0.05	ND	
RMSE-SP COVID		ND	ND	0.14	ND	