

Box S1 Auxiliary regressions results by state and dataset. Brazilian Information System on Live Births (SINASC) and Association of Civil Registrar (ARPEN) datasets, Brazil, 2017-2019.

FEDERATION UNIT	ADF TESTS FOR LIVE BIRTHS				EXPLANATORY POWER			RESIDUALS				CRITERIA
	SINASC	ARPEN	SINASC (diff)	ARPEN (diff)	α (p-value)	γ (p-value)	R ²	ADF	Mean	Lagged p-values	DW (p-value)	
RO	0.0100	0.9541	0.0100	0.0100	0.7800	0.0000	0.6321	0.0100	0.0000	0.1589	0.1473	1
AC	0.0219	0.0186	0.0100	0.0100	0.9861	0.0010	0.4120	0.0100	0.0000	0.0018	0.0012	0
AM	0.0373	0.0998	0.0100	0.0100	0.4949	0.1799	0.3126	0.0142	0.0000	0.6281	0.6977	0
RR	0.2156	0.0100	0.0100	0.0100	0.5309	0.5376	0.0154	0.0100	0.0000	0.0240	0.0270	0
PA	0.0212	0.6967	0.0100	0.0100	0.7436	0.0071	0.4765	0.0100	0.0000	0.4955	0.7509	0
AP	0.2075	0.0100	0.0350	0.0100	0.4128	0.4009	0.2377	0.0378	0.0000	0.1418	0.3266	0
TO	0.0100	0.1028	0.0100	0.0100	0.7941	0.0000	0.5597	0.0100	0.0000	0.3622	0.3442	1
MA	0.0100	0.4963	0.0100	0.0100	0.4194	0.1297	0.3734	0.0100	0.0000	0.7868	0.5115	0
PI	0.0100	0.5055	0.0100	0.0100	0.4838	0.3639	0.2832	0.0124	0.0000	0.5013	0.2565	0
CE	0.0137	0.2828	0.0126	0.0100	0.9592	0.0008	0.4690	0.0100	0.0000	0.5631	0.6269	0
RN	0.2383	0.2459	0.0100	0.0100	0.8188	0.0008	0.4791	0.0100	0.0000	0.2169	0.5224	0
PB	0.0496	0.1130	0.0109	0.0100	0.8861	0.0000	0.6403	0.0100	0.0000	0.0716	0.0748	1
PE	0.0942	0.0465	0.0217	0.0100	0.8887	0.0000	0.6110	0.0100	0.0000	0.1845	0.2267	1
AL	0.3068	0.0100	0.0156	0.0100	0.8834	0.0001	0.5818	0.0100	0.0000	0.5849	0.8798	1
SE	0.1661	0.1505	0.0406	0.0100	0.9541	0.0083	0.3786	0.0100	0.0000	0.6859	0.7264	0
BA	0.4280	0.4129	0.0459	0.0100	0.5578	0.0000	0.5950	0.0151	0.0000	0.2988	0.2996	1
MG	0.3634	0.0894	0.0249	0.0100	0.7503	0.0000	0.6077	0.0100	0.0000	0.1764	0.1982	1
ES	0.3823	0.0521	0.0203	0.0100	0.6863	0.0000	0.6315	0.0100	0.0000	0.0070	0.0042	0
RJ	0.2510	0.1691	0.0422	0.0100	0.5576	0.0000	0.7539	0.0100	0.0000	0.1908	0.3345	1
SP	0.3301	0.1176	0.0371	0.0100	0.6604	0.0000	0.6926	0.0256	0.0000	0.1027	0.1487	1
PR	0.3366	0.0866	0.0269	0.0100	0.6694	0.0000	0.7327	0.0100	0.0000	0.0161	0.0123	0
SC	0.2712	0.2368	0.0100	0.0100	0.9964	0.0005	0.4874	0.0100	0.0000	0.0818	0.1953	0
RS	0.3406	0.4325	0.0100	0.0100	0.5932	0.0000	0.6248	0.0100	0.0000	0.0945	0.1447	1
MS	0.2684	0.2199	0.0503	0.0100	0.8861	0.0000	0.6852	0.0116	0.0000	0.3370	0.5872	1
MT	0.0427	0.4872	0.0100	0.0100	0.7679	0.0000	0.5662	0.0100	0.0000	0.1971	0.2331	1
GO	0.0974	0.1659	0.0100	0.0100	0.8669	0.0000	0.6165	0.0100	0.0000	0.0793	0.0888	1
DF	0.2656	0.0100	0.0100	0.0100	0.5278	0.0000	0.7370	0.0271	0.0000	0.0023	0.0016	0

ADF: Augmented Dickey Fuller test; DW: Durbin-Watson test.

Source: Information System on Live Births (SINASC) and Association of Civil Registrar (ARPEN).