

ANEXO IV.3

VARIABLES PARA EL CALCULO DEL COEFICIENTE DE GIBBS-MARTIN

Orden	Municipio	Pob. 1900	Pob. 1950	Pob. 1975	Pob. 1991	AÑO 1900	AÑO 1950	AÑO 1975	AÑO 1991
1	Abaurrea Alta	391	404	225	180	152.881	163.216	50.625	32.400
2	Abaurrea Baja	168	147	56	44	28.224	21.609	3.136	1.936
3	Aria	193	148	86	61	37.249	21.904	7.396	3.721
4	Arive	156	148	99	69	24.336	21.904	9.801	4.761
5	Garayoa	301	297	162	137	90.601	88.209	26.244	18.769
6	Garralda	459	407	286	197	210.681	165.649	81.796	38.809
7	Orbaiceta	523	554	299	213	273.529	306.916	89.401	45.369
8	Orbara	186	171	85	55	34.596	29.241	7.225	3.025
9	Villanueva de Aézcoa	411	343	212	172	168.921	117.649	44.944	29.584
10	Oroz Betelu	651	537	205	195	423.801	288.369	42.025	38.025
11	ARCE Nagore	1.380	1.053	247	244	1.904.400	1.108.809	61.009	59.536
12	Valcarlos	1.035	937	620	475	1.071.225	877.969	384.400	225.625
13	Roncesvalles	152	111	90	60	23.104	12.321	8.100	3.600
14	Burguete	435	441	345	321	189.225	194.481	119.025	103.041
15	ERRO Linzoáin	2.336	2.035	1.031	788	5.456.896	4.141.225	1062.961	620.944
16	ESTERIBAR	2.102	2.394	1.600	1.387	4.418.404	5.731.236	2560.000	1.923.769
17	Isaba	992	914	642	551	984.064	835.396	412.164	303.601
18	Urzainqui	266	185	116	97	70.756	34.225	13.456	9.409
19	Roncal	507	443	372	325	257.049	196.249	138.384	105.625
20	Garde	433	586	166	131	187.489	343.396	27.556	17.161
21	Uztároz	674	501	260	247	454.276	251.001	67.600	61.009
22	Vidángoz	329	268	84	73	108.241	71.824	7.056	5.329
23	Burgui	767	571	256	218	588.289	326.041	65.536	47.524
24	Izalzu	178	167	87	40	31.684	27.889	7.569	1.600
25	Ochagavía	1.097	1.160	731	591	1.203.409	1.345.600	534.361	349.281
26	Ezcároz	403	522	455	305	162.409	272.484	207.025	93.025
27	Jaurrieta	479	601	410	249	229.441	361.201	168.100	62.001
28	Oronz	110	123	71	52	12.100	15.129	5.041	2.704
29	Esparza	293	279	177	127	85.849	77.841	31.329	16.129
30	SARRIES Sarriés	173	171	117	111	29.929	29.241	13.689	12.321
31	GÜESA Güesa	237	243	104	89	56.169	59.049	10.816	7.921
32	GALLUES Gallués	424	325	122	131	179.776	105.625	14.884	17.161
33	NAVASCUES Navasc.	1.010	750	294	231	1.020.100	562.500	86.436	53.361
34	Castillo Nuevo	210	171	17	14	44.100	29.241	289	196
35	ROMANZADO Domeño	875	641	215	149	765.625	410.881	46.225	22.201
36	Lumbier	2.000	1.772	1.593	1.460	4.000.000	3.139.984	2.537.649	2.131.600
37	URRAUL ALT Santa Fe	973	574	185	136	946.729	329.476	34.225	18496
38	URRAUL B S Vicente	1.048	1.013	358	240	1.098.304	1.026.169	128.164	57.600
39	IBARGOITI Idocin	799	549	190	214	638.401	301.401	36.100	45.796
40	Monreal	556	453	288	310	309.136	205.209	82.944	96.100
41	UNCITI Unciti	719	581	171	231	516.961	337.561	29.241	53.361
42	AOIZ	1.120	1.607	1.818	1.881	1.254.400	2.582.449	3.305.124	3.538.161
43	LONGUIDA Aos	1.142	1.024	413	301	1.304.164	1.048.576	170.569	90.601
44	IZAGAONDOA Ardanaz	985	695	186	160	970.225	483.025	34.596	25.600
45	Urroz	616	537	343	363	379.456	288.369	117.649	131.769
46	LIZOAIN Lizoáin	659	695	221	199	434.281	483.025	48.841	39.601
	SANGÜESA	3.255	3.624	4.503	4.447	10.595.025	13.133.376	20.277.009	19.775.809
	PAMPLONA	28.886	72.394	165.271	191.197	834.400.996	5.240.891.236	27.314.503.441	36.556.292.809
	T. AREA FUNCIONAL	63.094	104.266	185.884	209.468	877.826.906	5282.895.376	27.347.721.156	36.586.637.776
	T. AREA PIRENAICA	30.953	28.248	16.110	13.824	3.2830.885	28.870.764	12.940.706	10.569.158

CALCULO COEFICIENTE GIBBS-MARTIN

GIBBS -MARTIN=	AÑO 1900	AÑO 1950	AÑO 1975	AÑO 1991
ΣX^2	877.826.906	5.282.895.376	27.347.721.156	36.586.637.776
ΣX	63.094	104.266	185.884	209.468
$(\Sigma X)^2$	3.980.852.836	10.871.398.756	34.552.861.456	43.876.843.024
AREA FUNCIONAL	0,779	0,514	0,209	0,166
GIBBS -MARTIN=	AÑO 1900	AÑO 1960	AÑO 1975	AÑO 1991
ΣX^2	32.830.885	28.870.764	12.940.706	10.569.158
ΣX	30.953	28.248	16.110	13.824
$(\Sigma X)^2$	958.088.209	797.949.504	259.532.100	191.102.976
AREA PIRENAICA	0,966	0,964	0,950	0,945

Elaboración propia