

TABLE I

Geographic origin of individuals, depicting the mitochondrial haplotype, latitude and longitude, locality and country (when the coordinates used in the map were not the exact ones, are specifically mentioned in the table). Species as are indicated in NCBI and the reference paper. In red appear the GenBank sequences erroneously identified.

Haplotype	Lineage	Latitud	Longitud	Geographic origin	NCBI species	Reference
Hap_1	<i>T. infestans</i>	Not on the map			<i>T. sordida</i>	(1)
Hap_2	<i>T. rubrovaria</i>	Not on the map			<i>T. rubrovaria</i>	(1)
Hap_3	<i>T. guasayana</i>	Not on the map		Argentina, Córdoba, Sobremonte.		This paper
Hap_4	<i>T. guasayana</i>	Not on the map		Argentina, Córdoba, Sobremonte.		This paper
Hap_5	<i>T.sordida.s.s</i>	-22,86108	-57,175868	Paraguay, Concepcion, Zona 3		This paper
Hap_6	<i>T.sordida.s.s</i>	-23,8833	-56,5667	Paraguay, San Pedro, Santa Rosa, Centro		This paper
Hap_7	<i>T.sordida.s.s</i>	-26	-60	Argentina, Chaco, El Colchon		This paper
Hap_8	<i>T.sordida.s.s</i>	-24,568524	-56,769182	Paraguay, San Pedro, Itacurubí del Rosario, Rios Rugua		This paper
Hap_9	<i>T.sordida.s.s</i>	-24	-57	Paraguay, San Pedro, San Pedro, Yatebu Rugua		This paper
Hap_10	<i>T.sordida.s.s</i>	-24	-57	Paraguay, San Pedro, Itacurubí del Rosario, Campo Virgen		This paper
Hap_11	<i>T.sordida.s.s</i>	-25	-57	Paraguay, San Pedro, Itacurubí del Rosario, Rios Rugua		This paper
Hap_12	<i>T.sordida.s.s</i>	-12,51	-46,33	Brazil, Tocantins, Combinado		This paper
Hap_13	<i>T.sordida.s.s</i>	-15	-56	Brazil, Mato Grosso, Varzea Grande		This paper
Hap_14	<i>T.sordida.s.s</i>	-16,74	-43,86	Brazil, Minas Gerais, Montes Claros		This paper
Hap_15	<i>T.sordida.s.s</i>	-18	-44	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_16	<i>T.sordida.s.s</i>	-19	-63	Bolivia, Santa Cruz, Izozog		This paper
Hap_16	<i>T.sordida.s.s</i>	-16	-41	Brazil, Minas Gerais, Itaobim		This paper
Hap_16	<i>T.sordida.s.s</i>	-17,87277778	-44,18	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_16	<i>T.sordida.s.s</i>	-21	-53	Brazil, Mato Grosso do Sul, Brasilandia (Not exact coordinates)	<i>T. sordida</i>	(3)
Hap_17	<i>T.sordida.s.s</i>	-18	-44	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_18	<i>T.sordida.s.s</i>	-18	-44	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_18	<i>T.sordida.s.s</i>	-13	-46	Brazil, Tocantins, Aurora de Tocantins		This paper
Hap_19	<i>T.sordida.s.s</i>	-17,87277778	-44,18	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_20	<i>T.sordida.s.s</i>	-19,75	-47,93	Brazil, Minas Gerais. Uberaba		This paper
Hap_21	<i>T.sordida.s.s</i>	-14,717401	-68,413711	Bolivia, La Paz, Apolo	<i>T. sordida</i>	Unpublished Belintani
Hap_21	<i>T.sordida.s.s</i>	-16,49416	-68,147	Bolivia, La Paz. Colony	<i>T. sordida</i>	(1,4)
Hap_22	<i>T.sordida.s.s</i>	-17,87277778	-44,18	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_23	<i>T.sordida.s.s</i>	-18	-44	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_24	<i>T.sordida.s.s</i>	-15,38	-56,1	Brazil, Mato Grosso, Varzea Grande		This paper
Hap_24	<i>T.sordida.s.s</i>	-18	-44	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_24	<i>T.sordida.s.s</i>	-17	-66	Bolivia, Cochabamba, chaco Tita. Colony. (Not exact coordinates)	<i>T. guasayana</i>	(1)
Hap_25	<i>T.sordida.s.s</i>	-17,87277778	-44,18	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_26	<i>T.sordida.s.s</i>	-18	-44	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_27	<i>T.sordida.s.s</i>	-12,51	-46,33	Brazil, Tocantins, Combinado		This paper
Hap_27	<i>T.sordida.s.s</i>	-15,38	-56	Brazil, Mato Grosso, Varzea Grande		This paper
Hap_28	<i>T.sordida.s.s</i>	-18	-44	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_29	<i>T.sordida.s.s</i>	-18	-44	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_30	<i>T.sordida.s.s</i>	-17,87277778	-44,18	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_31	<i>T.sordida.s.s</i>	-18	-44	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_32	<i>T.sordida.s.s</i>	-19,401315	-62,750258	Bolivia, Santa Cruz, Izozog.		This paper
Hap_32	<i>T.sordida.s.s</i>	-13	-46	Brazil, Tocantins, Aurora de Tocantins		This paper
Hap_32	<i>T.sordida.s.s</i>	-16,74	-43,86	Brazil, Minas Gerais, Montes Claros		This paper
Hap_32	<i>T.sordida.s.s</i>	-16,464419	-54,249643	Brazil, Mato Grosso, Sao Jose do Povo		This paper
Hap_32	<i>T.sordida.s.s</i>	-18	-44	Brazil, Minas Gerais, Buenopolis (Not exact locality)	<i>T. sordida</i>	(2)
Hap_32	<i>T.sordida.s.s</i>	-19	-58	Brazil, Mato Grosso do Sul, Corumba (Not an exact coordinates)	<i>T. sordida</i>	(4)
Hap_32	<i>T.sordida.s.s</i>	-12	-42	Brazil, Bahia, Seabra (Not an exact coordinates)	<i>T. sordida</i>	Unpublished Belintani
Hap_32	<i>T.sordida.s.s</i>			Brazil, Minas Gerais, Monte Azul. Colony.	<i>T. sordida</i>	Unpublished Belintani
Hap_32	<i>T.sordida.s.s</i>	-15,663889	-44,163889	Brazil, Minas Gerais, Ibiracatu. Colony.	<i>T. sordida</i>	(1)
Hap_32	<i>T.sordida.s.s</i>	-19	-57	Brazil, Mato Grosso do Sul, Pantanal. Colony. (Not exact locality)	<i>T. sordida</i>	(1)
Hap_32	<i>T.sordida.s.s</i>	-14	-46	Brazil, Goiás, Posse. Colony.	<i>T. sordida</i>	(1)

Haplotype	Lineage	Latitud	Longitud	Geographic origin	NCBI species	Reference
Hap_33	<i>Tgarciabesi</i>	-23	-64	Argentina. Salta. Hickman		This paper
Hap_34	<i>Tgarciabesi</i>	-24,83	-60,03	Argentina, Formosa, Patiño.		This paper
Hap_35	<i>Tgarciabesi</i>	-24,1833333	-62,88333	Argentina, Salta, Rivadavia. Colony. (Not exact coordinates)	<i>T. garciabesi</i>	⁽¹⁾ /Unpublished Belintani
Hap_35	<i>Tgarciabesi</i>	-24,1833333	-62,88333	Argentina, Salta (Not exact locality)		This paper
Hap_36	<i>Tgarciabesi</i>	-31,35	-66,62	Argentina, La Rioja, Rosario Vera Peñaloza		This paper
Hap_36	<i>Tgarciabesi</i>	-28	-64	Argentina, Santiago del Estero (Not exact locality)		This paper
Hap_36	<i>Tgarciabesi</i>	-32,38138	-68,05531	Argentina, Mendoza, Reserva Natural Bosques Telteca		This paper
Hap_37	<i>Tgarciabesi</i>	-26	-61	Argentina, Salta, Balbuena		This paper
Hap_38	<i>Tgarciabesi</i>	-24	-63	Argentina, Salta, Rivadavia		This paper
Hap_39	<i>Tgarciabesi</i>	-19	-62,750258	Bolivia, Santa Cruz, Izozog		This paper
Hap_39	<i>Tgarciabesi</i>	-17,796675	-63,080339	Bolivia, Santa Cruz. Colony.	<i>T. sordida</i>	⁽¹⁾
Hap_40	<i>Tgarciabesi</i>	-22	-60,95	Paraguay, Boqueron		This paper
Hap_41	<i>Tgarciabesi</i>	-22	-60,95	Paraguay, Boqueron		This paper
Hap_42	<i>Tgarciabesi</i>	-29	-63	Argentina, Santiago Estero, Aguirre		This paper
Hap_42	<i>Tgarciabesi</i>	-28,985	-63,450556	Argentina, Santiago Estero, Salavina		This paper
Hap_43	<i>Tgarciabesi</i>	-24,1833333	-62,88333	Argentina, Salta, Rivadavia		This paper
Hap_44	<i>T.sordida.s.l_1</i>	-28,985	-63,450556	Argentina, Santiago Estero, Salavina		This paper
Hap_45	<i>T.rosai</i>	-28	-57,587296	Argentina, Corrientes, San Miguel. Colony.	<i>T. sordida</i>	⁽¹⁾
Hap_46	<i>T.rosai</i>	-23,914028	-56,701555	Paraguay, San Pedro, Nueva Germania		This paper
Hap_46	<i>T.rosai</i>	-28	-59	Argentina, Corrientes, San Luis del Palmar.		This paper
Hap_47	<i>T.rosai</i>	-25,533195	-57,079496	Paraguay, Paraguari, Paraguari, Naranjo		This paper
Hap_48	<i>T.rosai</i>	-28	-64	Argentina, Santiago del Estero (Not exact locality)		This paper
Hap_48	<i>T.rosai</i>	-28,229857	-61	Argentina, Santa Fe, El nochero		This paper
Hap_48	<i>T.rosai</i>	-26,96	-60,2	Argentina, Chaco, Guemes, Colonia Aborigen		This paper
Hap_48	<i>T.rosai</i>	-26	-60	Argentina, Chaco, Guemes, Paraje El Colchon		This paper
Hap_48	<i>T.rosai</i>	-26,804658	-59,997436	Argentina, Chaco, Veinticinco de Mayo, El Triangulo		This paper
Hap_48	<i>T.rosai</i>	-24,93945	-59,029187	Argentina, Formosa, Patiño, General Manuel Belgrano		This paper
Hap_48	<i>T.rosai</i>	-25,64	-60,93	Argentina, Chaco, Guemes, La Esperanza		This paper
Hap_48	<i>T.rosai</i>	-26	-60,26	Argentina, Chaco, Maipu, La Matanza		This paper
Hap_48	<i>T.rosai</i>	-32	-68	Argentina, Mendoza, Reserva Natural Bosques Telteca		This paper
Hap_48	<i>T.rosai</i>	-27,78	-64,26	Argentina, Santiago del Estero (Not exact locality)		This paper
Hap_48	<i>T.rosai</i>	-24	-57,083333	Paraguay, San Pedro, San Pedro, Yatebu Rugua		This paper
Hap_48	<i>T.rosai</i>	-26	-56,988926	Paraguay, Paraguari, Escobar, Chircal		This paper
Hap_48	<i>T.rosai</i>	-24	-59,789786	Paraguay, Presidente Hayes, Teniente Esteban Martínez, Tte. Esteban Martínez		This paper
Hap_48	<i>T.rosai</i>	-26,4	-60,43	Argentina, Chaco, Maipu, Tres Isletas		This paper
Hap_48	<i>T.rosai</i>	-27	-58,83	Argentina, Corrientes (Not exact locality)		This paper
Hap_49	<i>T.rosai</i>	-26	-57	Paraguay, Paraguari, Escobar, Chircal		This paper
Hap_49	<i>T.rosai</i>	-26	-57	Paraguay, Paraguari, Paraguari, Mbatovi		This paper
Hap_50	<i>T.sordida.La.Paz</i>	-14,717401	-68,413711	Bolivia, La Paz, Apolo	<i>T. guasayana</i>	Unpublished Belintani
Hap_51	<i>T.sordida.La.Paz</i>	-17	-67,136336	Bolivia, La Paz, Inquisivi		This paper
Hap_52	<i>T.sordida.La.Paz</i>	-17,796675	-63,080339	Bolivia, Santa Cruz. Colony. (Not exact locality)	<i>T. guasayana</i>	⁽¹⁾
Hap_52	<i>T.sordida.La.Paz</i>	-17	-66	Bolivia, Cochabamba, chaco Tita. Colony. (Not exact coordinates)	<i>T. guasayana</i>	⁽¹⁾
Hap_53	<i>T.sordida.s.l_2</i>	-17	-66	Bolivia, Cochabamba, Quillacollo, Cotapachi	<i>T. sordida</i>	⁽⁵⁾
Hap_54	<i>T.sordida.s.l_2</i>	-17	-66	Bolivia, Cochabamba (Not exact coordinates)	<i>T. sordida</i>	⁽⁶⁾
Hap_55	<i>T.sordida.s.l_2</i>	-23	-60	Paraguay, Boqueron, Tiberia		This paper
Hap_56	<i>T.sordida.s.l_2</i>	-17	-68	Bolivia, La Paz, Murillo, Mecapaca, Aucani	<i>T. sordida</i>	⁽⁵⁾

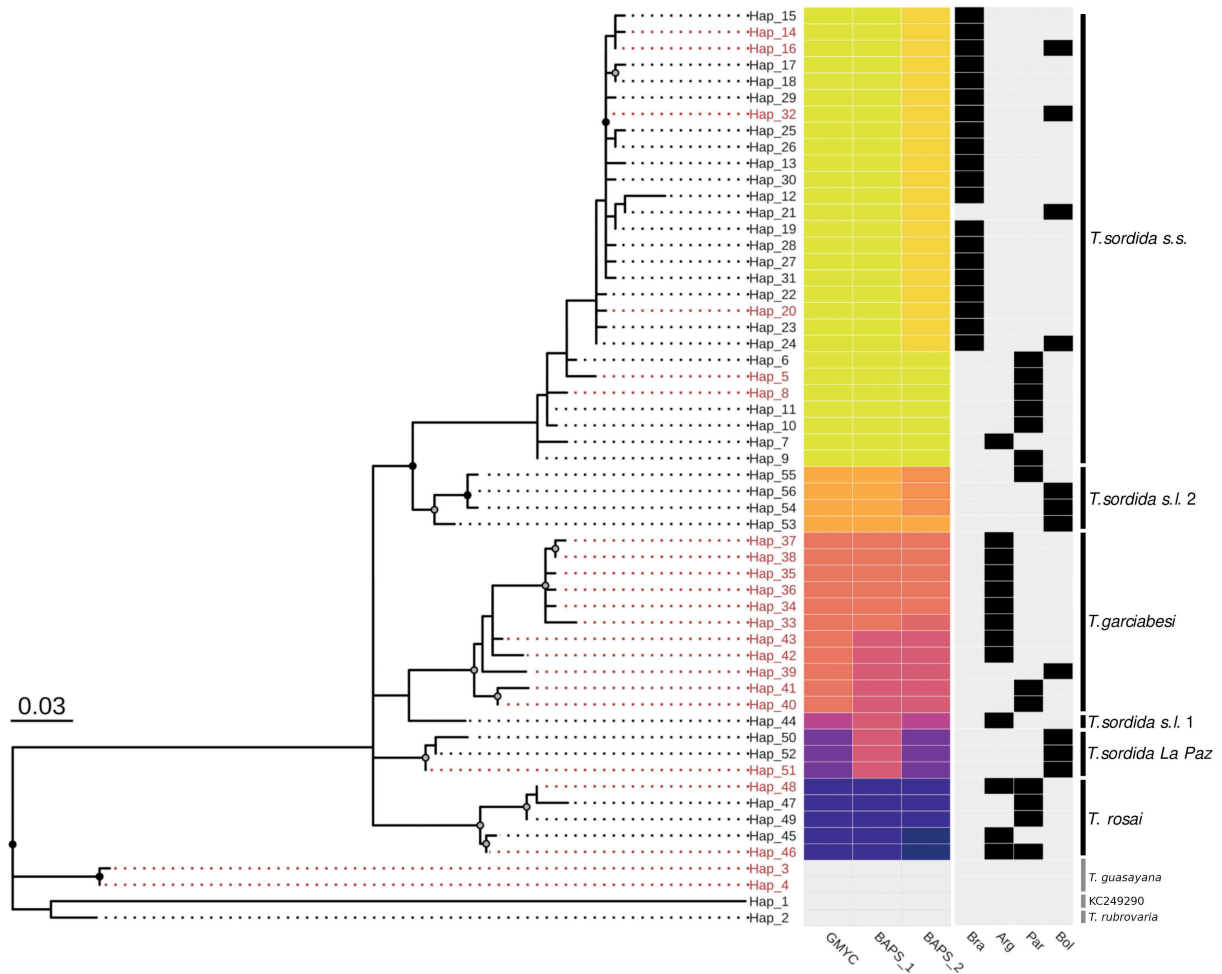


Fig. 1: maximum likelihood tree obtained from a *cytochrome b* fragment. Values of Bayesian posterior probabilities are depicted with numbers and circles on the nodes.

TABLE II
Mitochondrial haplotypes (*cytb*) and GenBank accession numbers of the sequences here analysed

Haplotype	Acc. Number	Haplotype	Acc. Number
Hap_1	KC249290	Hap_32	MH054941
Hap_2	KC249287	Hap_32	KC249289
Hap_3	PP972075	Hap_32	KC249292
Hap_4	PP972076	Hap_32	KC249294
Hap_5	PP972083	Hap_32	MH054940
Hap_6	PP972082	Hap_32	MZ700100
Hap_7	PP972084	Hap_32	KR822185
Hap_8	PP972087	Hap_33	PP972096
Hap_9	PP972088	Hap_34	PP972100
Hap_10	PP972085	Hap_35	KC249249
Hap_11	PP972086	Hap_35	MH054943
Hap_12	PP972077	Hap_36	PP972099
Hap_13	PP972080	Hap_37	PP972097
Hap_14	PP972079	Hap_38	PP972098
Hap_15	KR822194	Hap_39	KC249293
Hap_16	KC608980	Hap_40	PP972104
Hap_17	KR822187	Hap_41	PP972103
Hap_18	KR822188	Hap_42	PP972101
Hap_19	KR822193	Hap_43	PP972102
Hap_20	PP972078	Hap_44	PP972090
Hap_21	KC249291	Hap_45	KC249295
Hap_21	MH054942	Hap_46	PP972091
Hap_21	MZ700101	Hap_47	PP972092
Hap_22	KR822190	Hap_48	PP972094
Hap_23	KR822191	Hap_49	PP972093
Hap_24	KC249250	Hap_50	MH054944
Hap_24	KR822189	Hap_51	PP972095
Hap_25	KR822198	Hap_52	KC249252
Hap_26	KR822197	Hap_52	KC249253
Hap_27	PP972081	Hap_53	HQ333243
Hap_28	KR822192	Hap_54	AF045730
Hap_29	KR822195	Hap_55	PP972089
Hap_30	KR822196	Hap_56	HQ333242
Hap_31	KR822199		



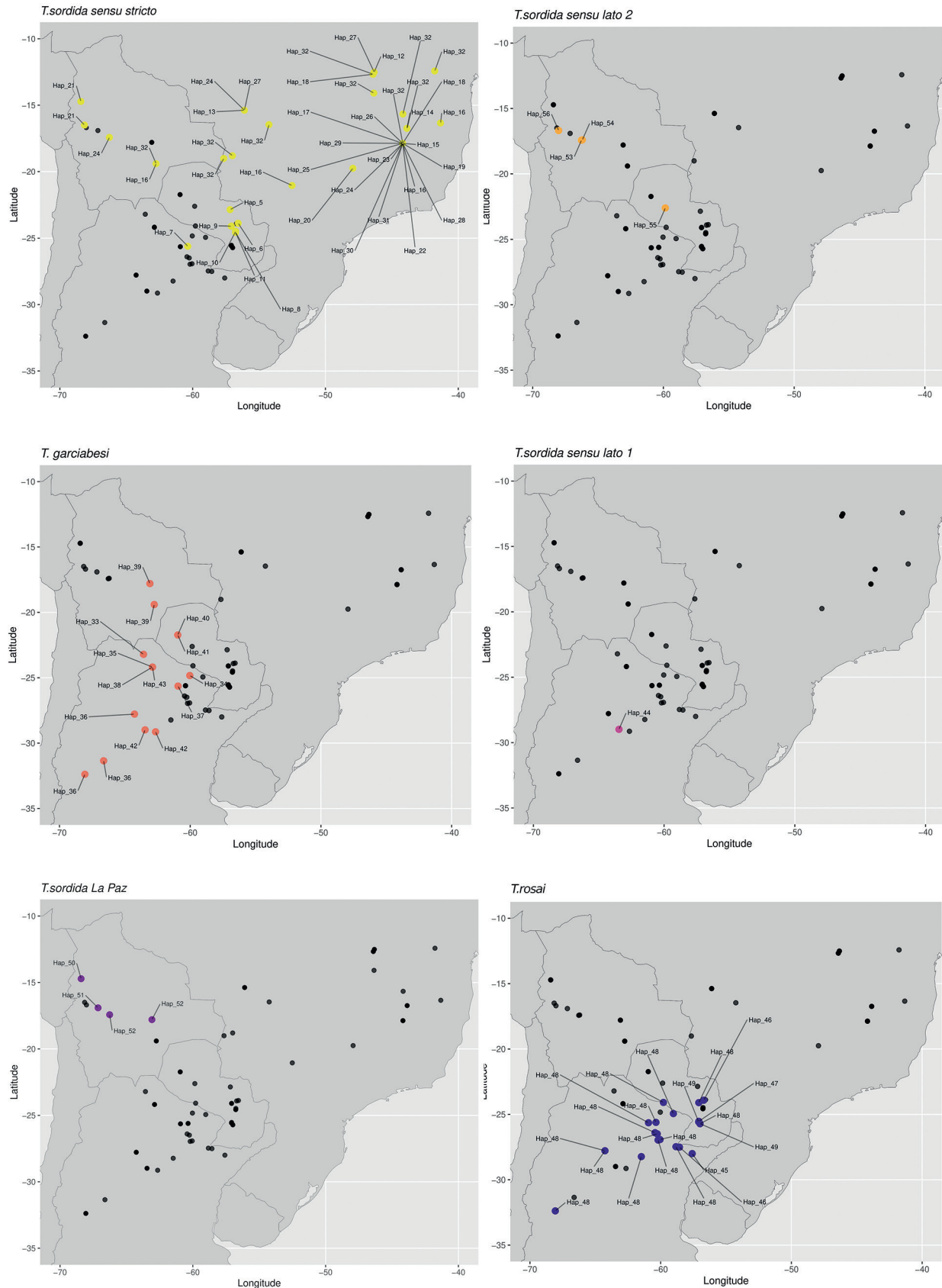


Fig. 2: map of the Southern Cone in South America, illustrating the distribution of each clade identified through phylogenetic analyses. (A) *Triatoma sordida sensu stricto*; (B) *T. sordida sensu lato 2*; (C) *T. garciabesi*; (D) *T. sordida sensu lato 1*; (E) *T. sordida La Paz*; (F) *T. rosai*.

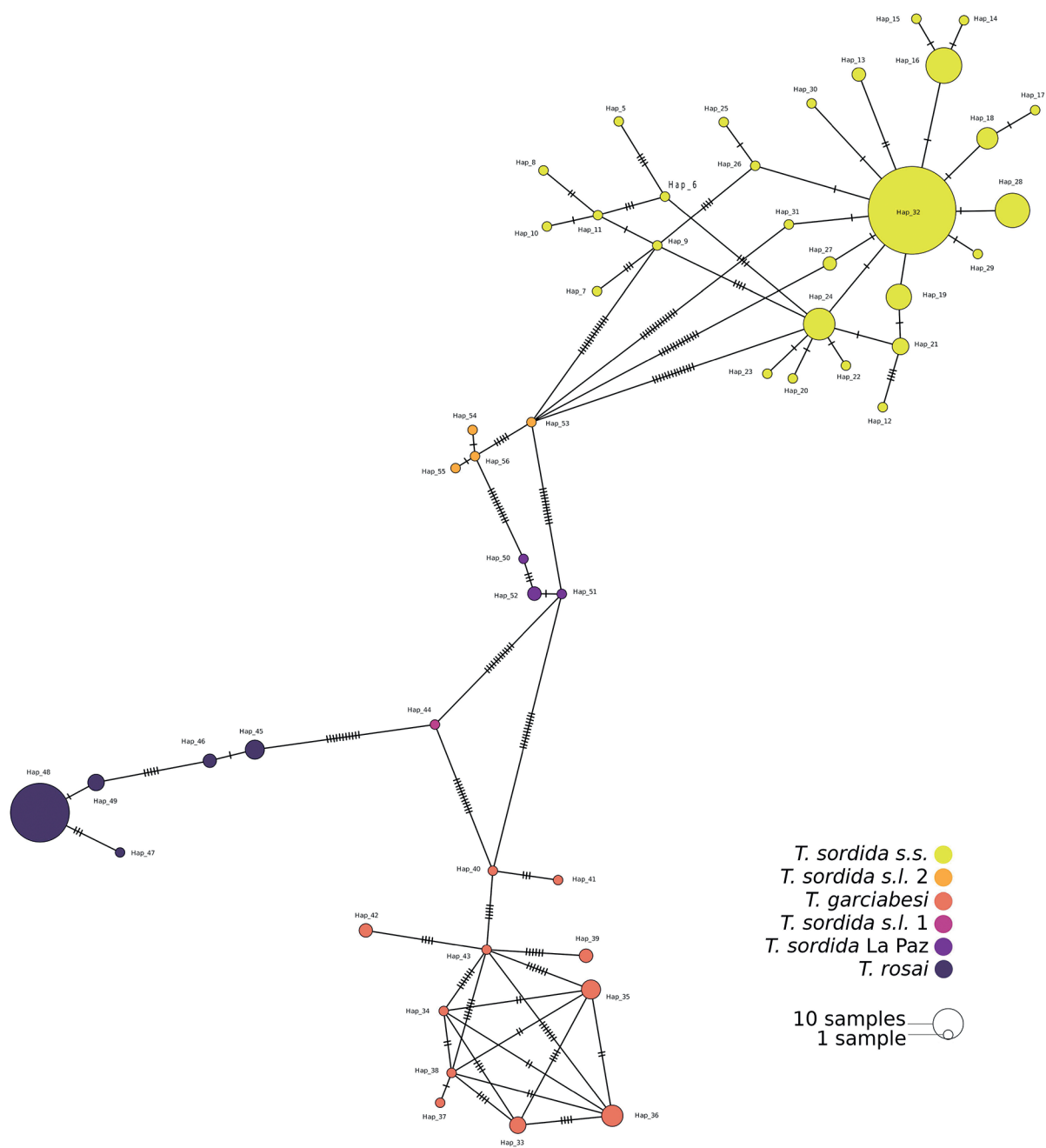


Fig. 3: minimum-spanning haplotype network based on a 233 bp *cytb* alignment. The nodes are haplotypes, with node size proportional to haplotype frequency. The numbers of mutational steps separating haplotypes are represented by dashes along the edges.

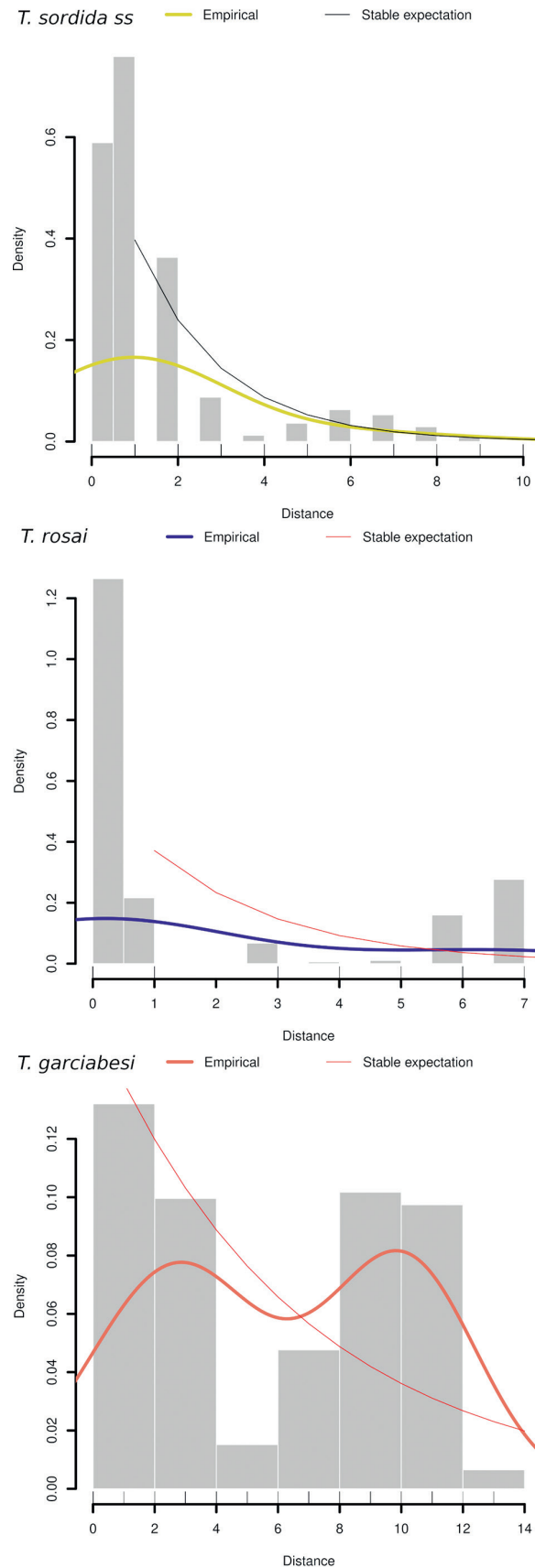


Fig. 4: mismatch distribution plot showing the relationship between genetic distance and abundance for *Triatoma sordida sensu stricto*, *T. rosai* and *T. garciabesi*.

TABLE III
Kimura 2-parameter (K2-p) genetic distances computed by haplotypes

	Cap_1	Cap_2	Cap_3	Cap_4	Cap_5	Cap_6	Cap_7	Cap_8	Cap_9	Cap_10	Cap_11	Cap_12	Cap_13	Cap_14	Cap_15	Cap_16	Cap_17	Cap_18	Cap_19	Cap_20	Cap_21	Cap_22	Cap_23	Cap_24	Cap_25	Cap_26	Cap_27	Cap_28	Cap_29	Cap_30	Cap_31	Cap_32	Cap_33	Cap_34	Cap_35	Cap_36	Cap_37	Cap_38	Cap_39	Cap_40	Cap_41	Cap_42	Cap_43	Cap_44	Cap_45	Cap_46	Cap_47	Cap_48	Cap_49	Cap_50	Cap_51	Cap_52	Cap_53	Cap_54	Cap_55	Cap_56																																																																																																																																																																																																																					
Cap_1	0	0.15988	0.17657	0.17131	0.24074	0.23433	0.22800	0.24648	0.22800	0.24074	0.23433	0.24074	0.25381	0.26048	0.25963	0.25381	0.25963	0.25381	0.24723	0.24723	0.24074	0.24723	0.24002	0.24074	0.25963	0.25381	0.24723	0.25301	0.25301	0.24074	0.24074	0.24723	0.23505	0.22868	0.23505	0.24150	0.23433	0.22868	0.22940	0.22307	0.22940	0.24150	0.24231	0.21065	0.22239	0.22868	0.22940	0.24150	0.23505	0.22175	0.22868	0.22239	0.23505	0.22868	0.22868	0.22239																																																																																																																																																																																																																					
Cap_2	0.15988	0	0.06861	0.06401	0.16666	0.14406	0.15523	0.16609	0.15523	0.16666	0.16091	0.15523	0.13856	0.14961	0.14914	0.14406	0.14914	0.14406	0.13856	0.13856	0.13313	0.13856	0.13815	0.13313	0.14914	0.14406	0.13313	0.14362	0.14362	0.13313	0.13313	0.13856	0.12211	0.13815	0.13815	0.13815	0.13778	0.13275	0.13856	0.14961	0.15523	0.14362	0.13313	0.12775	0.14914	0.14362	0.15523	0.15473	0.14914	0.13856	0.13901	0.14453	0.12814	0.14453	0.14453	0.13901																																																																																																																																																																																																																					
Cap_3	0.17657	0.06861	0	0.00431	0.17772	0.17772	0.17772	0.18896	0.17772	0.18963	0.18364	0.20182	0.19569	0.19569	0.19498	0.18963	0.20108	0.20182	0.19569	0.19569	0.18963	0.19569	0.19498	0.18963	0.20725	0.20182	0.18963	0.20108	0.20108	0.18963	0.18963	0.19569	0.13240	0.13778	0.13778	0.13778	0.13744	0.13240	0.13815	0.13815	0.14362	0.12243	0.13275	0.12740	0.16556	0.15988	0.16609	0.17131	0.17712	0.12211	0.12775	0.12243	0.14961	0.15523	0.15523	0.14961																																																																																																																																																																																																																					
Cap_4	0.17131	0.06401	0.00431	0	0.17247	0.17247	0.17247	0.18364	0.17247	0.18364	0.17247	0.18431	0.17836	0.19643	0.19033	0.19033	0.18963	0.18431	0.19569	0.19643	0.19033	0.18963	0.18431	0.19033	0.18963	0.18431	0.19033	0.18963	0.19569	0.18431	0.18431	0.19033	0.12740	0.13275	0.13275	0.13275	0.13240	0.13240	0.13813	0.13313	0.13856	0.12740	0.12775	0.12243	0.16038	0.15473	0.16091	0.16609	0.17187	0.11717	0.12279	0.11750	0.14453	0.10121	0.15012	0.14453																																																																																																																																																																																																																					
Cap_5	0.24074	0.16666	0.17772	0.17247	0	0	0.01747	0.03098	0.03086	0.02644	0.02644	0.02193	0.04020	0.04020	0.03098	0.03086	0.02644	0.04004	0.03557	0.03557	0.03098	0.03098	0.03086	0.02644	0.04004	0.03557	0.03557	0.03543	0.03543	0.03557	0.03557	0.03098	0.11917	0.13004	0.11917	0.13004	0.12408	0.11917	0.11429	0.10897	0.12511	0.10329	0.10371	0.09850	0.09811	0.09298	0.09335	0.09811	0.09298	0.10371	0.09375	0.08862	0.08354	0.09375	0.09375	0.08862																																																																																																																																																																																																																					
Cap_6	0.23433	0.14406	0.17772	0.17247	0.01747	0	0.02193	0.02185	0.01747	0.01747	0.01304	0.03098	0.02193	0.03098	0.03086	0.02644	0.03086	0.02644	0.03086	0.02644	0.02193	0.02193	0.02193	0.02185	0.01747	0.03086	0.02644	0.02644	0.02634	0.02634	0.02644	0.02644	0.02193	0.10329	0.11382	0.10329	0.11382	0.10812	0.10329	0.09850	0.09335	0.10897	0.09811	0.08825	0.08320	0.07791	0.07298	0.07325	0.07791	0.07298	0.09850	0.08354	0.08862	0.07354	0.08354	0.08354	0.07852																																																																																																																																																																																																																				
Cap_7	0.22800	0.15523	0.17772	0.17247	0.03098	0.02193	0	0.02634	0.01304	0.02193	0.01747	0.03557	0.03557	0.03557	0.03543	0.03098	0.03543	0.03098	0.03098	0.03098	0.02644	0.02644	0.02644	0.02634	0.02193	0.02634	0.02193	0.02644	0.02644	0.02634	0.02193	0.10329	0.11382	0.10329	0.11382	0.10812	0.10329	0.09850	0.09335	0.10897	0.09811	0.08825	0.08320	0.07791	0.07298	0.09850	0.08354	0.08862	0.07852	0.08862	0.08862	0.08354																																																																																																																																																																																																																									
Cap_8	0.24648	0.16609	0.18896	0.18364	0.03086	0.02185	0.02634	0	0.01300	0.01300	0.00863	0.04469	0.04469	0.04469	0.04453	0.04004	0.04453	0.04004	0.03990	0.03990	0.03543	0.03543	0.03543	0.03531	0.03086	0.03531	0.03086	0.04004	0.03990	0.03990	0.04004	0.04004	0.03543	0.10812	0.11870	0.10812	0.11870	0.11297	0.10812	0.10329	0.10329	0.09265	0.08760	0.08791	0.09265	0.08760	0.11382	0.10371	0.09850	0.10371	0.07820	0.08825	0.08825	0.08320																																																																																																																																																																																																																							
Cap_9	0.22800	0.15523	0.17772	0.17247	0.02644	0.01747	0.01304	0.01300	0	0.00866	0.00431	0.03098	0.03098	0.03098	0.03086	0.02644	0.03086	0.02644	0.02644	0.02644	0.02193	0.02193	0.02193	0.02185	0.01747	0.02185	0.01747	0.02644	0.02634	0.02634	0.02644	0.02644	0.02193	0.09811	0.10853	0.09811	0.10853	0.10291	0.09811	0.09335	0.08825	0.10371	0.09298	0.09335	0.07820	0.07791	0.07298	0.09850	0.08354	0.08862	0.06374	0.07354	0.07354	0.06861																																																																																																																																																																																																																							
Cap_10	0.24074	0.16666	0.18963	0.18431	0.02644	0.01747	0.02193	0.01300	0.00866	0	0.00431	0.04020	0.04020	0.04020	0.04004	0.03557	0.04004	0.03557	0.03557	0.03098	0.03098	0.03098	0.03086	0.02644	0.03086	0.02644	0.03557	0.03543	0.03543	0.03557	0.03098	0.10853	0.11917	0.10853	0.11917	0.11338	0.10853	0.10371	0.09850	0.11429	0.10329	0.10371	0.08825	0.08791	0.08288	0.08320	0.08791	0.08288	0.10897	0.09375	0.09893	0.07354	0.08354	0.08354	0.07852																																																																																																																																																																																																																						
Cap_11	0.23433	0.16091	0.18364	0.17836	0.02193	0.01304	0.01747	0.00863	0.00431	0.00431	0	0.03557	0.03557	0.03557	0.03543	0.03098	0.03543	0.03098	0.03098	0.03098	0.02644	0.02644	0.02644	0.02634	0.02193	0.02634	0.02193	0.03098	0.03086	0.03086	0.03098	0.02644	0.10329	0.11382	0.10329	0.11382	0.10812	0.10329	0.09850	0.09335	0.10897	0.09811	0.08825	0.08320	0.08288	0.07791	0.07820	0.08288	0.10371	0.08862	0.09375	0.07852	0.07852	0.07354																																																																																																																																																																																																																							
Cap_12	0.24074	0.15523	0.20182	0.19643	0.04020	0.03098	0.03557	0.04469	0.03098	0.04020	0.03557	0	0.03557	0.03557	0.03543	0.03098	0.03543	0.03098	0.03098	0.02193	0.02644	0.01747	0.02644	0.02634	0.02193	0.03543	0.03098	0.03098	0.03086	0.03086	0.03098	0.10329	0.12457	0.11382	0.12457	0.11870	0.11382	0.10897	0.10371	0.11967	0.10853	0.09850	0.10371	0.10329	0.09811	0.11429	0.10945	0.11480	0.08862	0.07852	0.07852	0.07354																																																																																																																																																																																																																									
Cap_13	0.25381	0.13856	0.19569	0.19033	0.04020	0.02193	0.03557	0.04469	0.03098	0.04020	0.03557	0.03557	0	0.01747	0.01741	0.01304	0.01741	0.01304	0.01741	0.01304	0.01747	0.01747	0.01747	0.01741	0.01304	0.01741	0.01304	0.01304	0.01300	0.01300	0.01304	0.01304	0.01304	0.01300	0.01304	0.01304	0.01300	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304																																																																																																																																																																																																																				
Cap_14	0.26048	0.14961	0.19569	0.19033	0.03098	0.03098	0.03557	0.04469	0.03098	0.04020	0.03557	0.03557	0.01747	0	0.00863	0.00431	0.01741	0.01304	0.01304	0.01747	0.01747	0.01747	0.01741	0.01304	0.01741	0.01304	0.01304	0.01304	0.01300	0.01304	0.01304	0.01300	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	0.01304	

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