



Table S1. Species lists of vectors and hosts species confirmed positive for *T. cruzi*.

Vectors/hosts	Especies
Vector	<i>Dipetalogaster maxima</i>
Vector	<i>Triatoma dimidiata</i>
Vector	<i>Triatoma longipennis</i>
Vector	<i>Triatoma mazzottii</i>
Vector	<i>Triatoma pallidipennis</i>
Vector	<i>Triatoma phyllosomus</i>
Vector	<i>Triatoma picturatus</i>
Vector	<i>Triatoma barberi</i>
Vector	<i>Triatoma brailowskyi</i>
Vector	<i>Triatoma gerstaeckeri</i>
Vector	<i>Triatoma hegneri</i>
Vector	<i>Triatoma lecticularia</i>
Vector	<i>Triatoma mexicana</i>
Vector	<i>Triatoma neotomae</i>
Vector	<i>Triatoma nitida</i>
Vector	<i>Triatoma protracta</i>
Vector	<i>Triatoma recurva</i>
Vector	<i>Triatoma rubida</i>
Vector	<i>Triatoma sp.</i>
Vector	<i>Panstrongylus rufotuberculatus</i>
Vector	<i>Rhodnius prolixus</i>
Sylvatic host	<i>Alouatta palliata</i>
Sylvatic host	<i>Alouatta villosa</i>
Sylvatic host	<i>Balantiopteryx plicata</i>
Sylvatic host	<i>Dermanura sp.</i>
Sylvatic host	<i>Heteromys desmarestianus</i>
Sylvatic host	<i>Leptonycteris curasoae</i>
Sylvatic host	<i>Macroctus waterhousii</i>
Sylvatic host	<i>Marmosa mexicana</i>
Sylvatic host	<i>Mormoops megalophylla</i>
Sylvatic host	<i>Oryzomys couesi</i>
Sylvatic host	<i>Ototylomys phyllotis</i>
Sylvatic host	<i>Peromyscus leucopus</i>
Sylvatic host	<i>Peromyscus mexicanus</i>
Sylvatic host	<i>Sigmodon toltecus</i>
Sylvatic-domestic host	<i>Artibeus jamaicensis</i>
Sylvatic-domestic host	<i>Artibeus lituratus</i>
Sylvatic-domestic host	<i>Baiomys musculus</i>
Sylvatic-domestic host	<i>Carollia sowelli</i>
Sylvatic-domestic host	<i>Choeronycteris mexicana</i>
Sylvatic-domestic host	<i>Dasypus novemcinctus</i>
Sylvatic-domestic host	<i>Dermanura phaeotis</i>
Sylvatic-domestic host	<i>Desmodus rotundus</i>
Sylvatic-domestic host	<i>Didelphis marsupialis</i>

Sylvatic-domestic host	<i>Didelphis virginiana</i>
Sylvatic-domestic host	<i>Glossophaga soricina</i>
Sylvatic-domestic host	<i>Heteromys gaumeri</i>
Sylvatic-domestic host	<i>Heteromys irroratus</i>
Sylvatic-domestic host	<i>Leptonycteris yerbabuenae</i>
Sylvatic-domestic host	<i>Mephitis mephitis</i>
Sylvatic-domestic host	<i>Micronycteris megalotis</i>
Sylvatic-domestic host	<i>Molossus rufus</i>
Sylvatic-domestic host	<i>Myotis keaysi</i>
Sylvatic-domestic host	<i>Nasua narica</i>
Sylvatic-domestic host	<i>Neotoma mexicana</i>
Sylvatic-domestic host	<i>Neotoma micropus</i>
Sylvatic-domestic host	<i>Noctilio leporinus</i>
Sylvatic-domestic host	<i>Otospermophilus variegatus</i>
Sylvatic-domestic host	<i>Peromyscus levipes</i>
Sylvatic-domestic host	<i>Peromyscus melanophrys</i>
Sylvatic-domestic host	<i>Peromyscus yucatanicus</i>
Sylvatic-domestic host	<i>Philander opossum</i>
Sylvatic-domestic host	<i>Procyon lotor</i>
Sylvatic-domestic host	<i>Pteronotus parnellii</i>
Sylvatic-domestic host	<i>Pteronotus davyi</i>
Sylvatic-domestic host	<i>Reithrodontomys fulvescens</i>
Sylvatic-domestic host	<i>Reithrodontomys gracilis</i>
Sylvatic-domestic host	<i>Rhogeessa parvula</i>
Sylvatic-domestic host	<i>Sigmodon hispidus</i>
Sylvatic-domestic host	<i>Sturnira lilium</i>
Sylvatic-domestic host	<i>Sturnira ludovici</i>
Sylvatic-domestic host	<i>Sturnira parvidens</i>
Sylvatic-domestic host	<i>Uroderma bilobatum</i>
Domestic host	<i>Canis familiaris</i>
Domestic host	<i>Felis catus</i>
Domestic host	<i>Bos taurus</i>
Domestic host	<i>Capra hircus</i>
Domestic host	<i>Equus asinus</i>
Domestic host	<i>Equus caballus</i>
Domestic host	<i>Ovis aries</i>
Domestic host	<i>Oryctolagus cuniculus</i>
Domestic host	<i>Sus domesticus</i>
Synanthropic host	<i>Rattus norvegicus</i>
Synanthropic host	<i>Rattus rattus</i>
Synanthropic host	<i>Mus musculus</i>

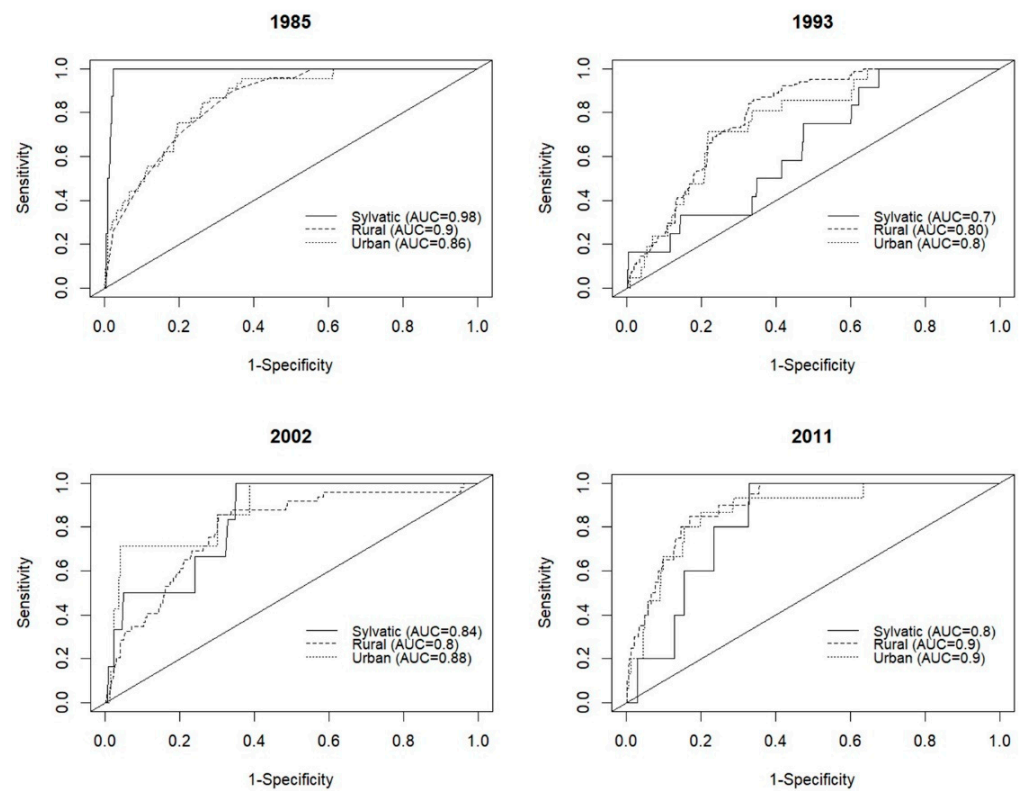


Figure S1. AUC values of 1985 baseline LUCC-Climate model and projections to 1993, 2002, and 2011 for each *T. cruzi* transmission cycle.