

Supplementary Information

Roost selection by synanthropic bats in rural Madagascar: what makes non-traditional structures so tempting?

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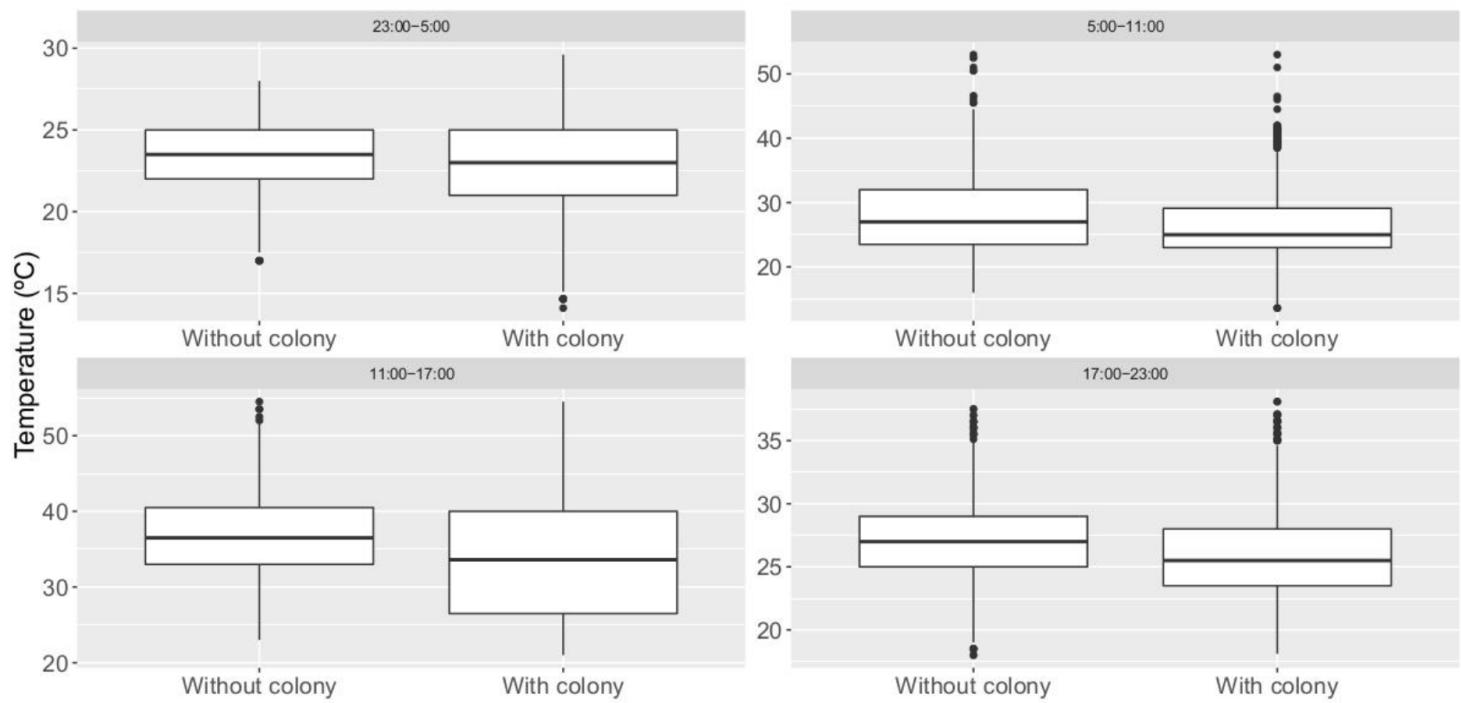
Table S1: Bat captures summary by sampled village

Locality	Capture site	Species	Family	Cons. status	Sex	N	Rep. status
Amboasary	Rice field Village	<i>Miniopterus manavi</i>	Miniopteridae	LC	F	1	NR
		<i>Neoromicia matroka</i>	Vespertilionidae	LC	F	2	NR & Preg & Lact
					M	1	NR
		<i>Myotis goudotii</i>	Vespertilionidae	LC	F	3	NR & Lact
					M	1	NR
		<i>Miniopterus manavi</i>	Miniopteridae	LC	F	2	NR
					M	3	NR
Andriamamovoka	Cave	<i>Myotis goudotii</i>	Vespertilionidae	LC	F	7	NR & Preg
					M	4	NR
		<i>Miniopterus majori</i>	Miniopteridae	LC	F	5	NR & Preg
					M	22	NR
		<i>Miopterus manavi</i>	Miniopteridae	LC	F	18	NR & Preg
					M	16	NR
Kelilalina	Church	<i>Chaerephon atsinanana</i>	Molossidae	LC	F	4	NR & Preg
					M	4	NR
		<i>Mormopterus jugularis</i>	Molossidae	LC	F	7	NR & Preg
					M	16	NR
		<i>Mops leucostigma</i>	Molossidae	LC	F	6	NR & Preg
					M	12	NR
	High school	<i>Mormopterus jugularis</i>	Molossidae	LC	F	3	NR
		<i>Mops leucostigma</i>	Molossidae	LC	F	15	NR & Preg
					M	21	NR
	Majors' building	<i>Chaerephon atsinanana</i>	Molossidae	LC	F	50	NR & Preg
					M	18	NR
		<i>Mormopterus jugularis</i>	Molossidae	LC	F	12	NR & Preg
					M	5	NR
		<i>Mops leucostigma</i>	Molossidae	LC	M	9	NR
Mangevo	Cave	<i>Paremballonura atrata</i>	Emballonuridae	LC	F	1	NR
		<i>Myotis goudotii</i>	Vespertilionidae	LC	M	1	NR
		<i>Miniopterus manavi</i>	Miniopteridae	LC	M	1	NR
	Forest	<i>Myotis goudotii</i>	Vespertilionidae	LC	M	3	NR
		<i>Miniopterus manavi</i>	Miniopteridae	LC	F	1	NR
					M	2	NR
Tsaratanana	Village	<i>Neoromicia matroka</i>	Vespertilionidae	LC	M	1	NR
		<i>Mormopterus jugularis</i>	Molossidae	LC	F	31	NR & Preg
					M	14	NR
Tolongoina	Hospital	<i>Chaerephon atsinanana</i>	Molossidae	LC	F/M	20	?
		<i>Mops leucostigma</i>	Molossidae	LC	?	3	?
	School	<i>Paremballonura atrata</i>	Emballonuridae	LC	?	1	?
		<i>Neoromicia matroka</i>	Vespertilionidae	LC	?	2	?
		<i>Mormopterus jugularis</i>	Molossidae	LC	F/M	3	?
	Church	<i>Mormopterus jugularis</i>	Molossidae	LC	F/M	20	?

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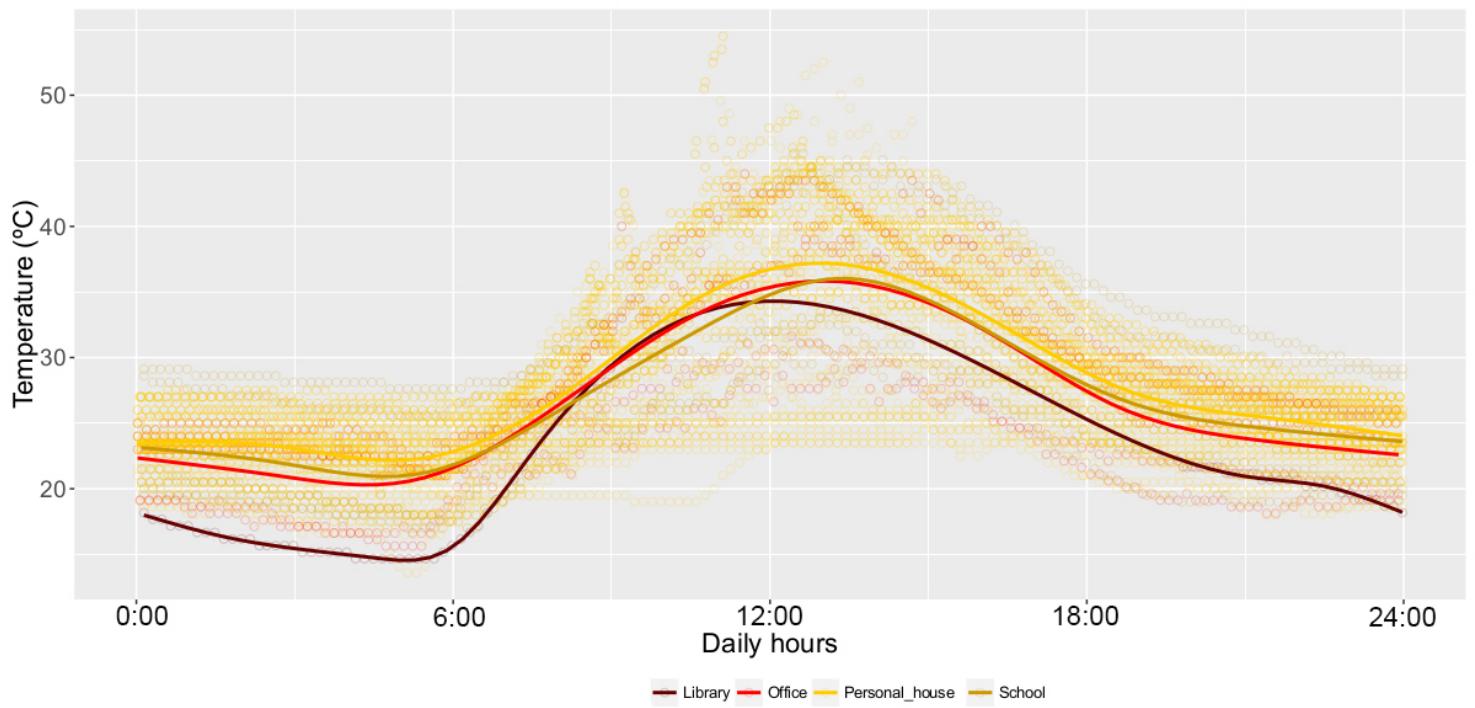
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**Figure S2:** Differences on the temperatures recorded across four daily periods between both available non-occupied and occupied roosts.

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**Figure S3:** Temperatures recorded in all construction types. Daily cycle temperatures.

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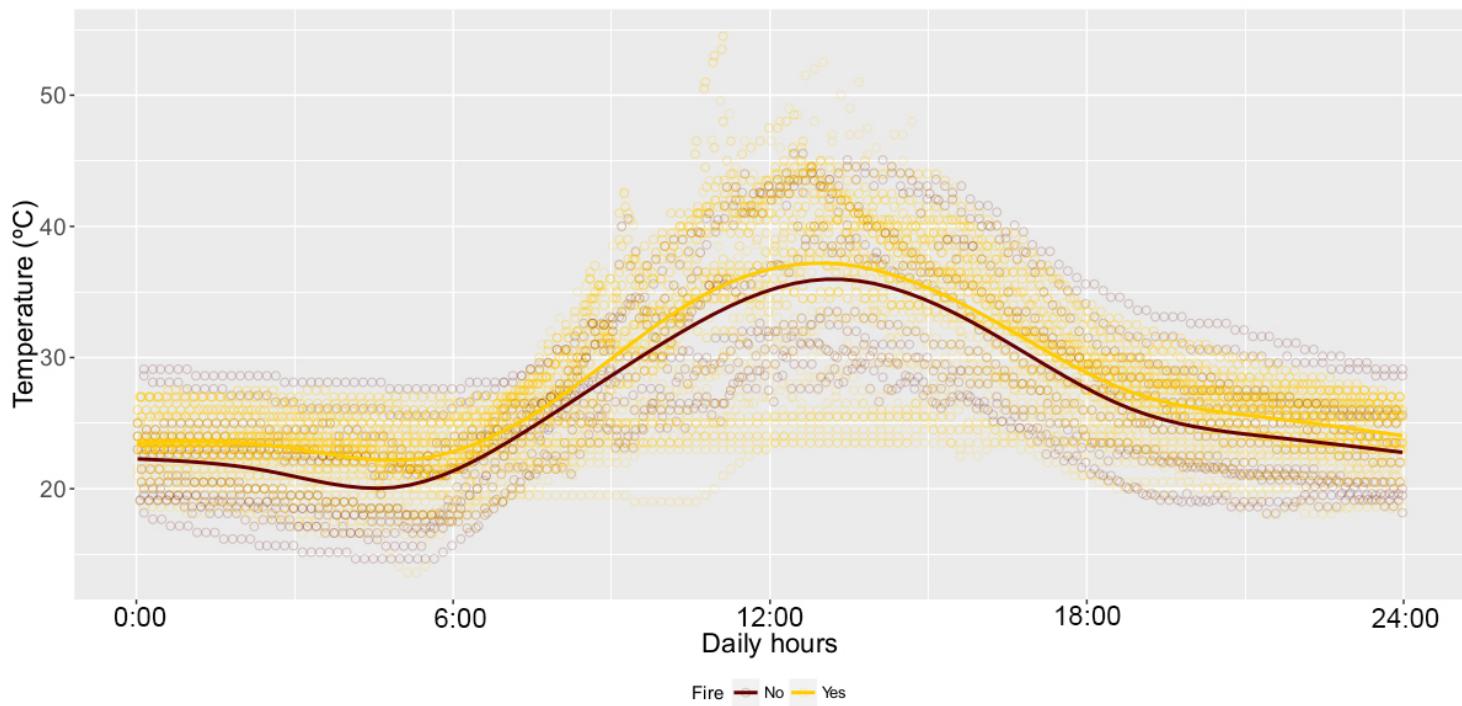
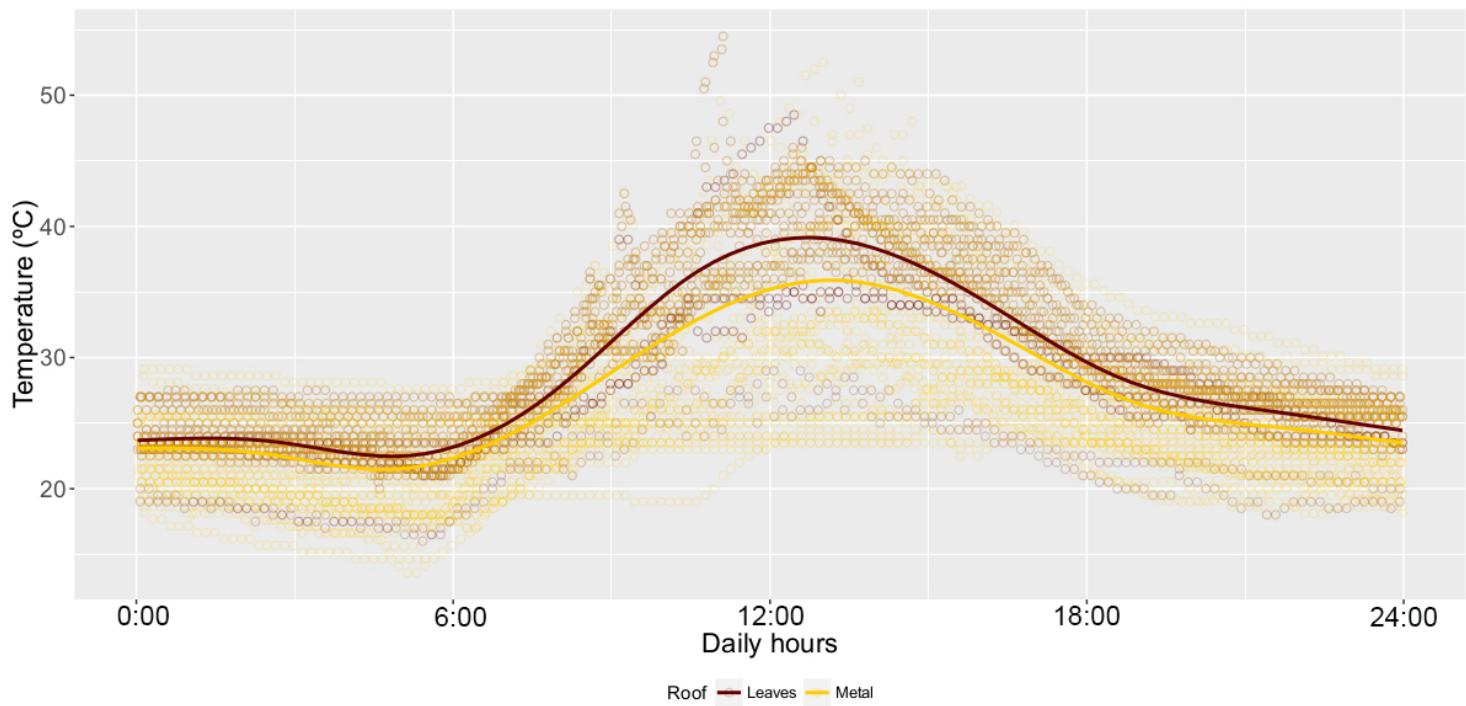


Figure S4: Temperatures recorded in houses with and without a ground fire inside. Daily cycle temperatures.

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**Figure S5:** Temperatures recorded in both constructions with metal roofs and roofs made with *ravinala* leaves. Daily cycle temperatures.

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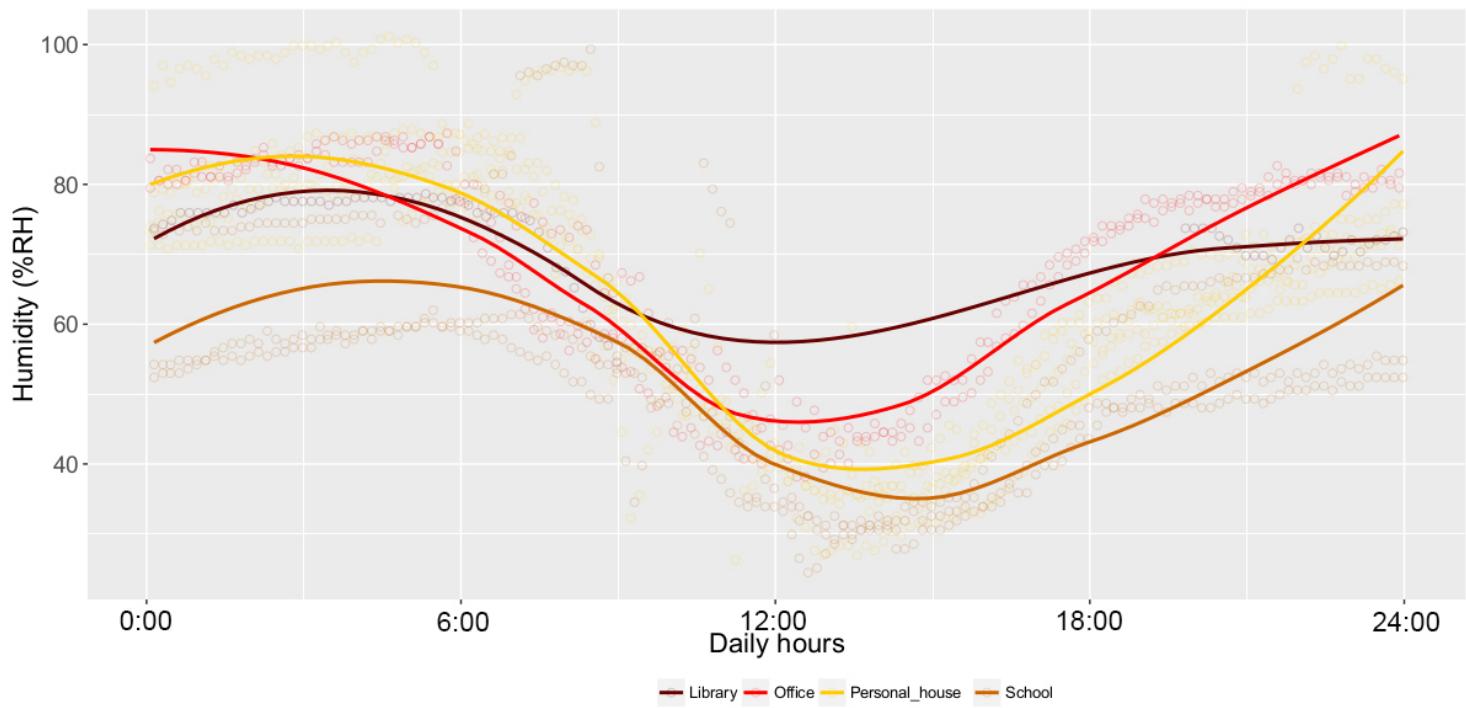


Figure S6: Relative humidity recorded in all construction types. Daily cycle temperatures.

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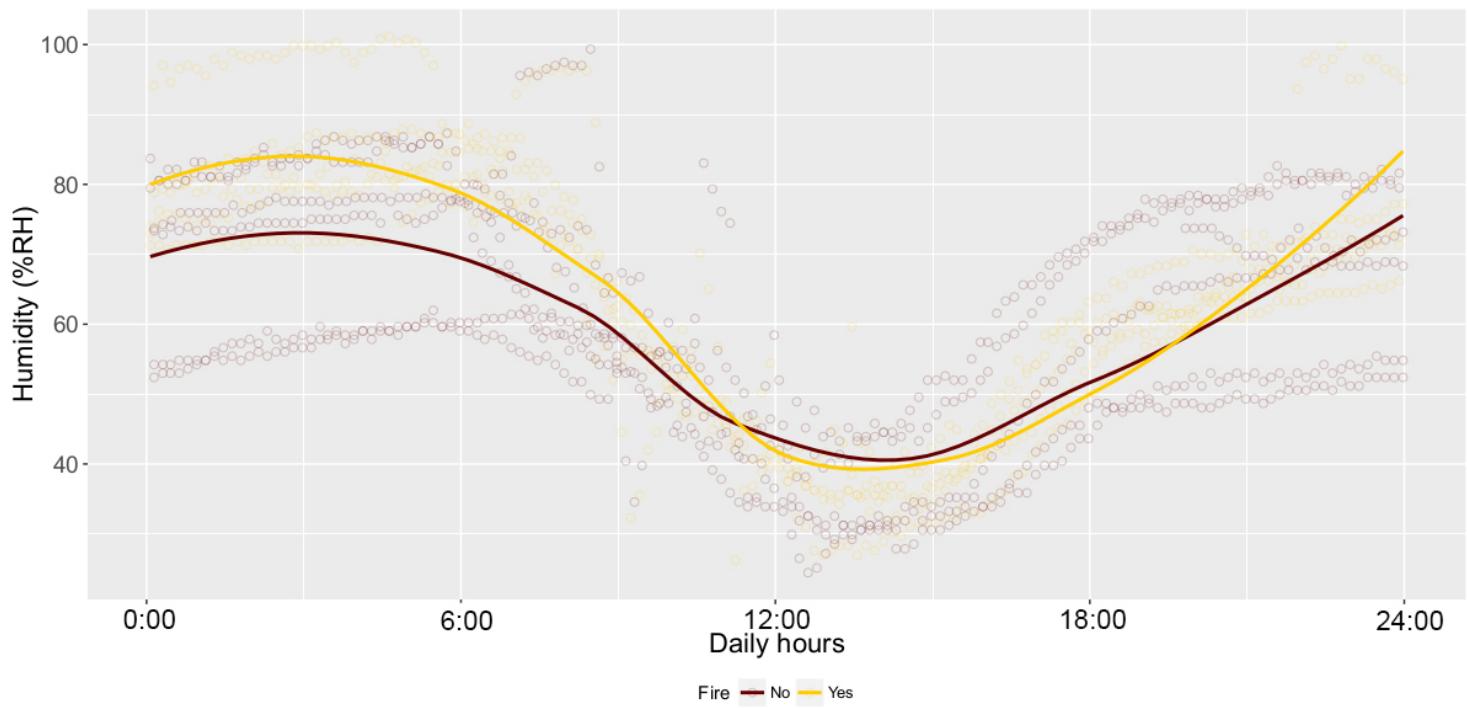


Figure S7: Relative humidity recorded in houses with and without a ground fire inside. Daily cycle temperatures.

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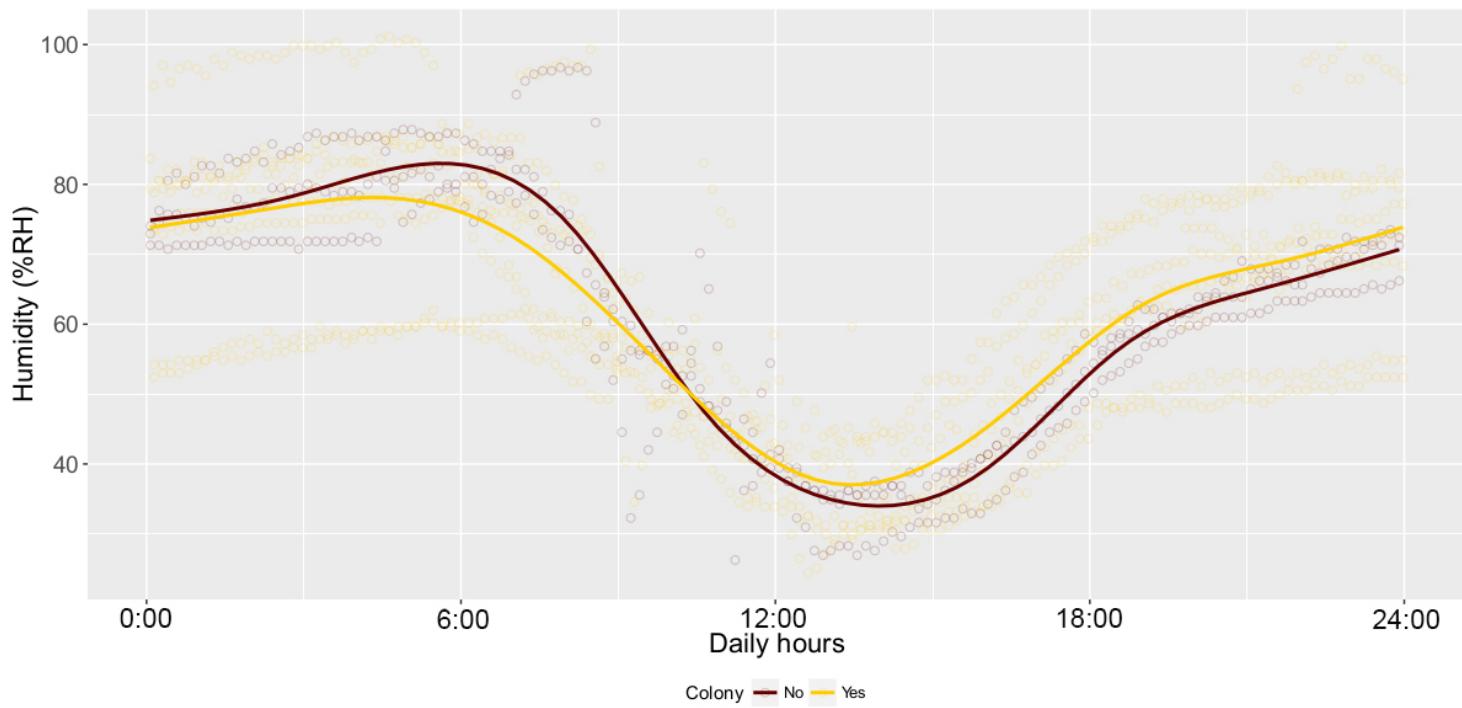


Figure S8: Relative humidity recorded in both constructions with and without bat colonies. Daily cycle temperatures.