

Supplemental Tables

Sup. Table 1. Location, time of research and habitat of rat surveys

No.	Research Location	Time	Habitat	
			Indoors	Outdoors
1	Semarang	June and August 2015 and April-May 2018	kitchen, stuttgart, guest room, dining room	yard, garbage can, garden
2	Demak	June-July 2018 and April-May 2021	kitchen, guest room, warehouse,	Cattle sheds, gardens, yards, dry ditches
3	Samarinda	June, 2016	kitchen, bedroom, guest room	riverbanks, city park, gardens.
4	Makasar	November 2015	kitchen, bedroom and guest room	Riverside bushes, garden
5	Bandung	November-December 2016	kitchen, washing room, bedroom and guest room	gardens, rice fields, bamboo

Sup. Table 2. PCR results by age and number of *Rattus norvegicus* based on rat habitat at the study locations

Age (days)	Habitat	Sex	PCR Result	Location					Total	
				Semarang	Demak	Bandung	Samarinda	Makasar	By Sex	Rats
126.38-240.28	OD	M	N	5	0	0	0	2	7	7
		M	P	0	0	0	0	0	0	
		F	N	6	3	0	0	1	10	
		F	P	0	0	0	0	0	0	
	ID	M	N	10	18	0	0	2	30	33
		M	P	2	1	0	0	0	3	
		F	N	13	18	0	1	7	39	
		F	P	0	4	0	0	0	4	
240.29-354.16	OD	M	N	3	0	0	1	0	4	5
		M	P	1	0	0	0	0	1	
		F	N	1	2	4	0	0	7	
		F	P	1	0	0	0	0	1	
	ID	M	N	6	2	10	0	2	20	24
		M	P	3	1	0	0	0	4	
		F	N	7	8	7	3	2	27	
		F	P	0	3	0	0	0	3	
354.17-468.05	OD	M	N	3	0	2	0	1	6	7
		M	P	1	0	0	0	0	1	
		F	N	4	1	0	2	1	8	
		F	P	0	0	0	0	0	0	
	ID	M	N	8	3	0	1	0	12	13
		M	P	0	1	0	0	0	1	
		F	N	7	3	2	1	0	13	
		F	P	0	1	0	0	0	1	
468.06-581.94	OD	M	N	1	0	0	0	0	1	1
		M	P	0	0	0	0	0	0	
		F	N	2	0	0	0	1	3	
		F	P	2	0	0	0	0	2	
	ID	M	N	1	1	1	0	0	3	3
		M	P	0	0	0	0	0	0	
		F	N	8	3	0	0	1	12	
		F	P	1	2	0	0	0	3	
581.94-695.83	OD	M	N	0	0	0	0	0	0	0
		M	P	0	0	0	0	0	0	

		F	N	2	0	0	0	0	2	3
	ID	F	P	0	1	0	0	0	1	
		M	N	0	0	1	0	0	1	1
		M	P	0	0	0	0	0	0	
		F	N	1	0	0	0	0	1	2
	OD	F	P	0	1	0	0	0	1	
695.84-809.72		M	N	0	1	0	0	0	1	1
		M	P	0	0	0	0	0	0	
		F	N	2	0	1	0	0	3	4
	ID	F	P	1	0	0	0	0	1	
		M	N	1	0	0	1	0	2	3
		M	P	1	0	0	0	0	1	
		F	N	4	2	0	1	0	7	8
	OD	F	P	0	1	0	0	0	1	
809.73-923.61		M	N	1	1	0	0	0	2	3
		M	P	0	1	0	0	0	1	
		F	N	2	3	0	0	0	5	6
	ID	F	P	1	0	0	0	0	1	
		M	N	0	0	0	0	0	0	0
		M	P	0	0	0	0	0	0	
		F	N	0	0	0	0	0	0	0
	OD	F	P	0	0	0	0	0	0	
923.62-1037.50		M	N	3	0	0	0	0	3	3
		M	P	0	0	0	0	0	0	
		F	N	1	0	0	0	0	1	2
	ID	F	P	1	0	0	0	0	1	
		M	N	0	0	0	0	0	0	0
		M	P	0	0	0	0	0	0	
		F	N	0	0	0	0	0	0	0
	OD	M	N	0	0	0	0	0	0	0
>1037.50		M	P	0	0	0	0	0	0	
		F	N	0	0	0	0	0	0	0
		F	P	0	0	0	0	0	0	
	ID	M	N	0	0	0	0	0	0	0
		M	P	0	0	0	0	0	0	
		F	N	0	0	0	0	0	0	1
		F	P	1	0	0	0	0	1	
Total	OD	M	N	12	1	2	1	3	19	27

	M	P	2	0	0	0	0	2	0		
	F	N	17	6	5	2	3	33	46		
	F	P	4	1	0	0	0	5	0		
ID	M	N	26	24	12	2	4	68	77		
	M	P	6	3	0	0	0	9	0		
	F	N	40	34	9	6	10	99	112		
	F	P	1	12	0	0	0	13	0		
Total	108	81	178	118	20	28	248	11	262	20	263

Notes: ID = Indoors; OD = Outdoors; N = *Leptospira* Negative; P = *Leptospira* Positive

Sup. Table 3. Percentage of pathogenic *leptospira* infection in rats

Age Group (days)	Male			Female			Total	Percentage Positive		
	Positive	Negative	Sub Total	Positive	Negative	Sub Total		Male	Female	Total
126.38-240.28	3	37	40	4	49	53	93	7.5	7.5	7.5
240.29-354.16	5	24	29	4	34	38	67	17.2	10.5	13.4
354.17-468.05	2	18	20	1	21	22	42	10.0	4.5	7.1
468.06-581.94	0	4	4	5	15	20	24	-	25.0	20.8
581.94-695.83	0	1	1	2	3	5	6	-	40.0	33.3
695.84-809.72	1	3	4	2	10	12	16	25.0	16.7	18.8
809.73-923.61	1	2	3	1	5	6	9	33.3	16.7	22.2
923.62-1037.50	0	3	3	1	1	2	5	-	50.0	20.0
>1037.50	0	0	0	1	0	1	1	-	100.0	100.0
Total	12	92	104	21	138	159	263	11.5	13.2	12.5