

387 **Supplementary material, File S5 – interannual variation in infested nests**

388           This supplementary table reports the annual proportion of tree swallow, *Tachycineta bicolor*, nests infested by *Protocalliphora*  
389 spp. on each monitored farm over the 16-year study period. For each farm–year combination, the infestation proportion was calculated  
390 by dividing the number of infested nests by the total number of occupied nests. Rows represent individual farms, and columns  
391 correspond to years. Although the exact sample size per farm–year combination is not shown, it ranged from 1 to 10 occupied nests.  
392 All nests included in this dataset were sampled and examined for ectoparasite presence. This table provides the raw values that  
393 underpin the data presented in Figure 1A in the main manuscript and offers a detailed view of spatial and temporal variation in  
394 *Protocalliphora* spp. prevalence across the agricultural landscape.

395 **Table S5.** Proportion of tree swallow nests infested by *Protocalliphora* spp. in a given farm according to the year. Number of sampled  
396 and examined nests in a farm varies between 1 and 10 per farm per year.

Farm	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
1	50.00000	37.50000	40.00000	0.00000	10.00000	0.00000	11.11111	14.28571	0.00000	12.50000	0.00000	0.00000	14.28571	0.00000	20.00000	0.00000
2	25.00000	100.00000	83.33333	80.00000	83.33333	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	100.00000	0.00000
3	80.00000	25.00000	33.33333	85.71429	100.00000	16.66667	0.00000	50.00000	50.00000	50.00000	50.00000	57.14286	37.50000	0.00000	0.00000	0.00000
4	40.00000	62.50000	28.57143	37.50000	100.00000	25.00000	16.66667	57.14286	37.50000	40.00000	22.22222	30.00000	44.44444	66.66667	55.55556	20.00000
5	0.00000	100.00000	100.00000	66.66667	71.42857	100.00000	71.42857	100.00000	100.00000	100.00000	75.00000	66.66667	100.00000	60.00000	60.00000	85.71429
6	60.00000	80.00000	57.14286	40.00000	50.00000	0.00000	100.00000	0.00000	100.00000	100.00000	66.66667	100.00000	0.00000	0.00000	100.00000	33.33333
7	83.33333	83.33333	66.66667	0.00000	50.00000	0.00000	100.00000	100.00000	0.00000	100.00000	100.00000	0.00000	66.66667	100.00000	75.00000	33.33333
8	100.00000	50.00000	0.00000	0.00000	50.00000	33.33333	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	100.00000	0.00000	0.00000	0.00000
9	25.00000	85.71429	100.00000	57.14286	75.00000	16.66667	60.00000	60.00000	0.00000	50.00000	100.00000	100.00000	66.66667	80.00000	100.00000	71.42857
10	50.00000	83.33333	0.00000	100.00000	0.00000	0.00000	100.00000	50.00000	100.00000	100.00000	50.00000	100.00000	0.00000	0.00000	0.00000	0.00000
11	20.00000	75.00000	71.42857	33.33333	62.50000	33.33333	50.00000	0.00000	33.33333	100.00000	0.00000	66.66667	66.66667	75.00000	50.00000	20.00000
12	0.00000	57.14286	42.85714	55.55556	100.00000	66.66667	57.14286	100.00000	16.66667	100.00000	60.00000	80.00000	50.00000	50.00000	100.00000	50.00000
13	66.66667	100.00000	80.00000	25.00000	75.00000	50.00000	71.42857	57.14286	25.00000	75.00000	100.00000	100.00000	66.66667	50.00000	100.00000	100.00000
14	60.00000	85.71429	66.66667	40.00000	100.00000	12.50000	28.57143	77.77778	33.33333	100.00000	83.33333	83.33333	0.00000	20.00000	42.85714	44.44444
15	66.66667	75.00000	40.00000	66.66667	71.42857	57.14286	55.55556	87.50000	57.14286	83.33333	85.71429	50.00000	12.50000	60.00000	37.50000	25.00000
16	0.00000	50.00000	50.00000	60.00000	80.00000	50.00000	57.14286	60.00000	20.00000	66.66667	33.33333	50.00000	40.00000	11.11111	80.00000	55.55556
17	50.00000	100.00000	50.00000	0.00000	66.66667	0.00000	60.00000	50.00000	0.00000	40.00000	75.00000	40.00000	0.00000	0.00000	33.33333	0.00000
18	50.00000	75.00000	0.00000	16.66667	50.00000	33.33333	66.66667	60.00000	25.00000	25.00000	66.66667	0.00000	25.00000	66.66667	66.66667	25.00000
19	40.00000	40.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	33.33333	50.00000	0.00000	0.00000	0.00000	100.00000	33.33333
20	0.00000	42.85714	25.00000	0.00000	0.00000	0.00000	0.00000	20.00000	0.00000	0.00000	25.00000	40.00000	0.00000	42.85714	25.00000	0.00000
21	33.33333	75.00000	40.00000	60.00000	100.00000	20.00000	0.00000	100.00000	33.33333	100.00000	0.00000	66.66667	66.66667	0.00000	33.33333	75.00000
22	0.00000	60.00000	37.50000	85.71429	57.14286	42.85714	20.00000	83.33333	57.14286	66.66667	66.66667	71.42857	100.00000	66.66667	71.42857	100.00000
23	20.00000	80.00000	12.50000	22.22222	70.00000	16.66667	33.33333	75.00000	28.57143	50.00000	33.33333	25.00000	33.33333	25.00000	50.00000	28.57143
24	42.85714	66.66667	87.50000	75.00000	50.00000	28.57143	37.50000	50.00000	20.00000	50.00000	85.71429	50.00000	50.00000	50.00000	16.66667	14.28571
25	0.00000	0.00000	0.00000	0.00000	50.00000	0.00000	0.00000	0.00000	0.00000	0.00000	50.00000	0.00000	0.00000	0.00000	0.00000	0.00000
26	22.22222	57.14286	25.00000	33.33333	55.55556	22.22222	33.33333	0.00000	33.33333	16.66667	50.00000	60.00000	33.33333	28.57143	75.00000	25.00000
27	25.00000	16.66667	50.00000	83.33333	25.00000	0.00000	100.00000	40.00000	25.00000	50.00000	50.00000	40.00000	0.00000	50.00000	0.00000	50.00000
28	25.00000	25.00000	0.00000	0.00000	0.00000	0.00000	0.00000	100.00000	0.00000	33.33333	0.00000	0.00000	0.00000	50.00000	22.22222	10.00000
29	40.00000	66.66667	0.00000	0.00000	0.00000	0.00000	0.00000	50.00000	0.00000	0.00000	33.33333	0.00000	0.00000	0.00000	0.00000	0.00000
30	0.00000	25.00000	14.28571	42.85714	100.00000	0.00000	40.00000	71.42857	0.00000	50.00000	0.00000	0.00000	0.00000	0.00000	100.00000	0.00000
31	25.00000	80.00000	33.33333	75.00000	100.00000	16.66667	42.85714	100.00000	50.00000	0.00000	83.33333	50.00000	57.14286	0.00000	100.00000	57.14286
32	0.00000	0.00000	50.00000	50.00000	0.00000	0.00000	0.00000	66.66667	0.00000	66.66667	100.00000	71.42857	25.00000	40.00000	40.00000	100.00000
33	50.00000	0.00000	0.00000	100.00000	33.33333	0.00000	100.00000	66.66667	20.00000	0.00000	100.00000	80.00000	20.00000	0.00000	50.00000	0.00000
34	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	50.00000	50.00000	0.00000	0.00000	100.00000	0.00000	0.00000
35	50.00000	66.66667	0.00000	0.00000	20.00000	0.00000	100.00000	75.00000	0.00000	20.00000	14.28571	28.57143	40.00000	50.00000	33.33333	25.00000
36	25.00000	12.50000	50.00000	33.33333	33.33333	20.00000	0.00000	0.00000	33.33333	0.00000	40.00000	16.66667	0.00000	0.00000	0.00000	0.00000
37	75.00000	55.55556	40.00000	50.00000	16.66667	16.66667	28.57143	75.00000	33.33333	40.00000	50.00000	0.00000	60.00000	28.57143	12.50000	0.00000
38	14.28571	88.88889	33.33333	50.00000	12.50000	16.66667	100.00000	75.00000	0.00000	20.00000	40.00000	14.28571	83.33333	22.22222	0.00000	12.50000
39	0.00000	60.00000	62.50000	57.14286	40.00000	0.00000	0.00000	0.00000	0.00000	0.00000	66.66667	50.00000	0.00000	33.33333	0.00000	25.00000
40	50.00000	25.00000	0.00000	0.00000	80.00000	0.00000	40.00000	20.00000	100.00000	100.00000	100.00000	66.66667	25.00000	75.00000	75.00000	40.00000