## SUPPLEMENTARY FIGURES FOR

"A general approach for postmortem interval based on uniformly distributed and

interconnected qualitative indicators"

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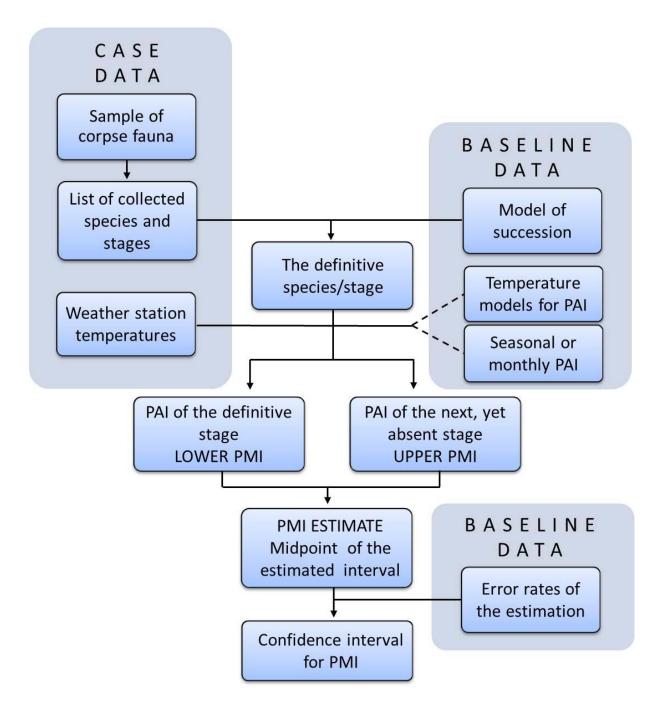
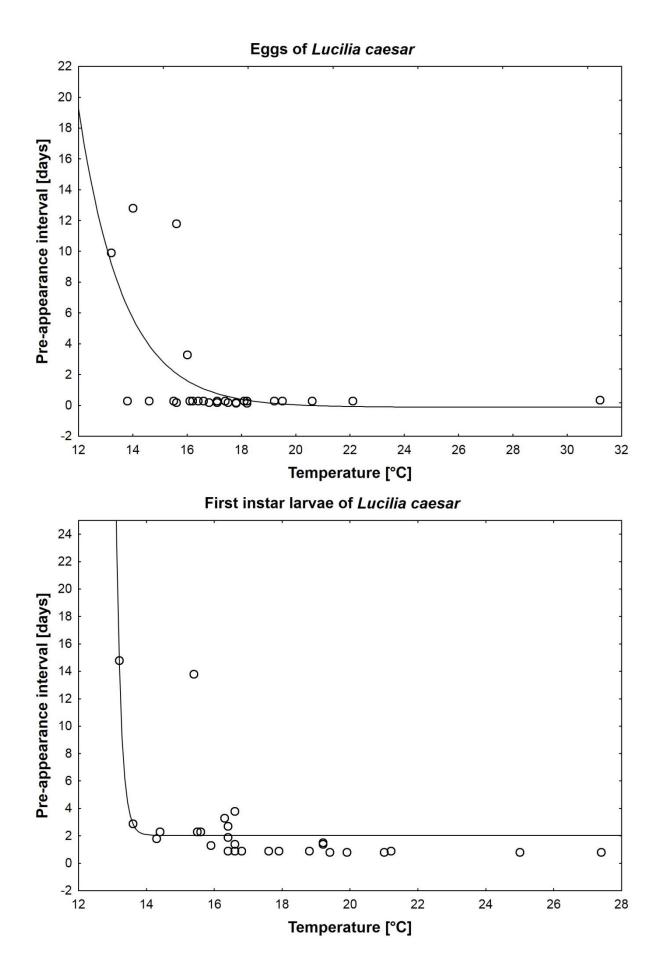
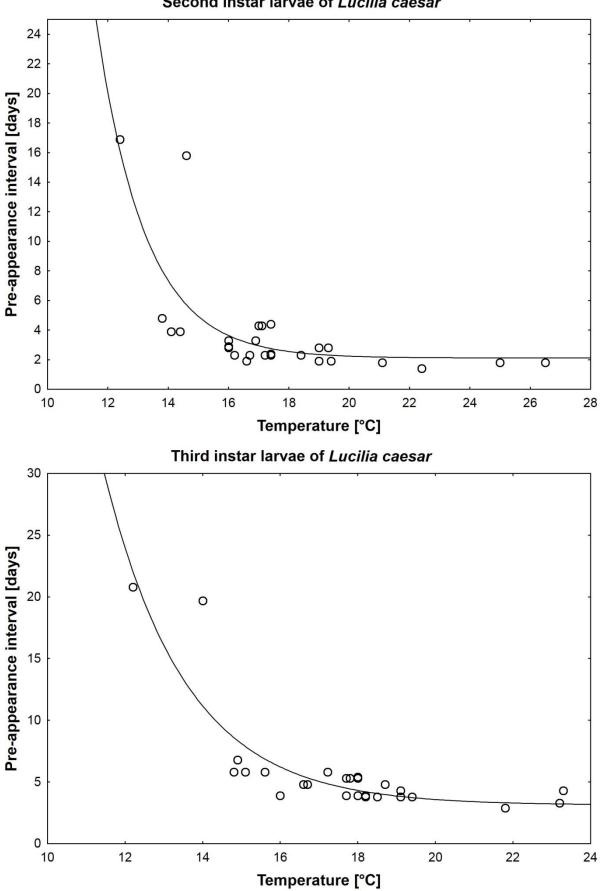


Fig. 1. Calibration of the method for insect evidence.

Fig. 2. Distribution of tested insect indicators over PMI as recorded on typical large (upper figure) and small (lower figure) pig cadaver.





Second instar larvae of Lucilia caesar

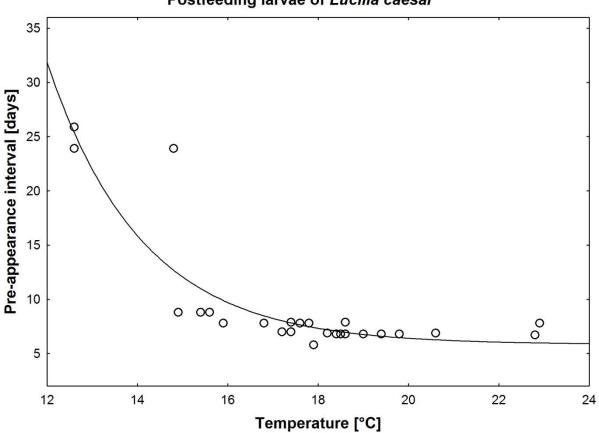
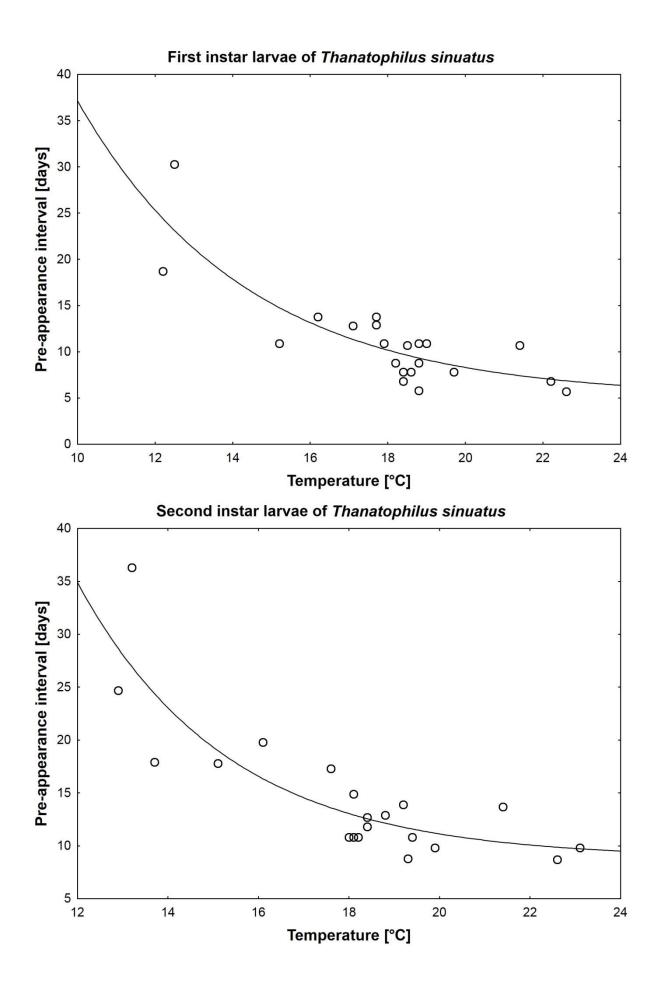


Fig. 3. The pre-appearance interval (PAI) of *Lucilia caesar* life stages plotted against ground level temperature averaged over PAI. Solid line – regression model of the relationship.

## Postfeeding larvae of Lucilia caesar



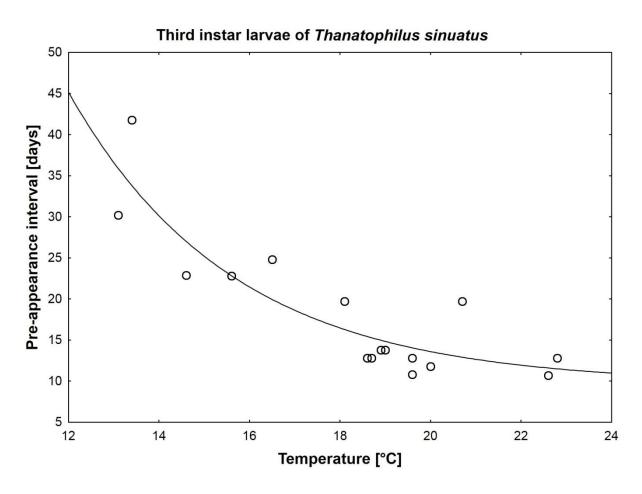
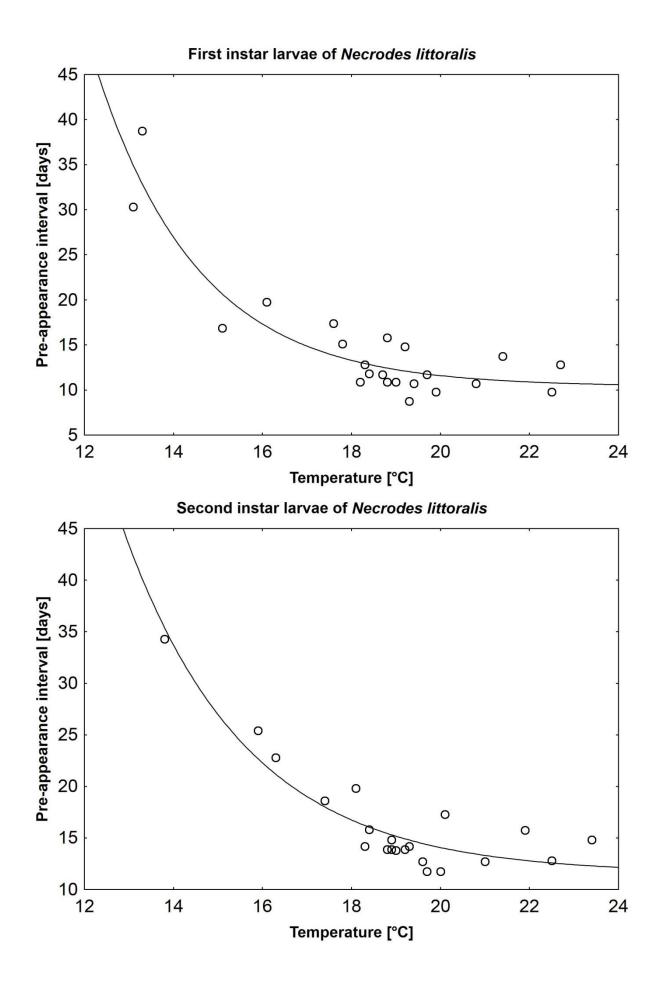


Fig. 4. The pre-appearance interval (PAI) of *Thanatophilus sinuatus* life stages plotted against ground level temperature averaged over PAI. Solid line – regression model of the relationship.



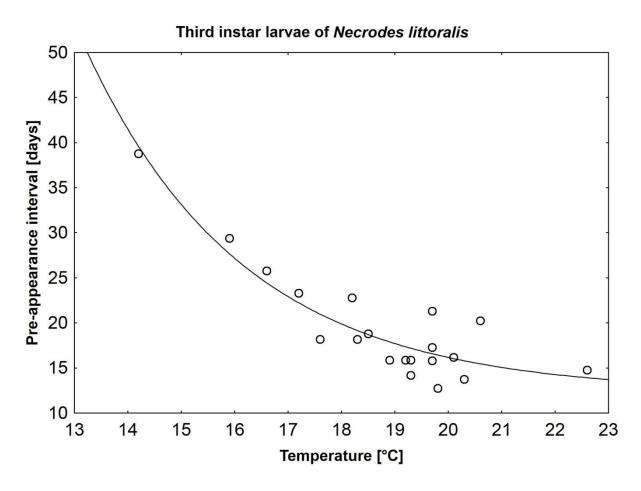


Fig. 5. The pre-appearance interval (PAI) of *Necrodes littoralis* life stages plotted against ground level temperature averaged over PAI. Solid line – regression model of the relationship.

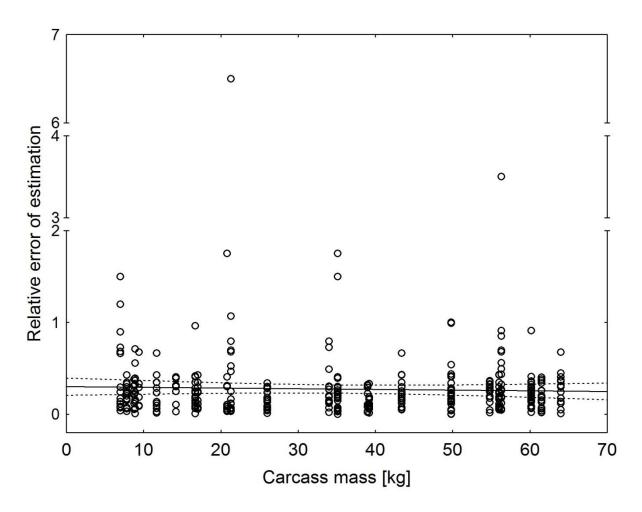


Fig. 6. Relative error of estimation (absolute difference between true and estimated PMI divided by true PMI) plotted against carcass mass. Solid line – regression model of the relationship.

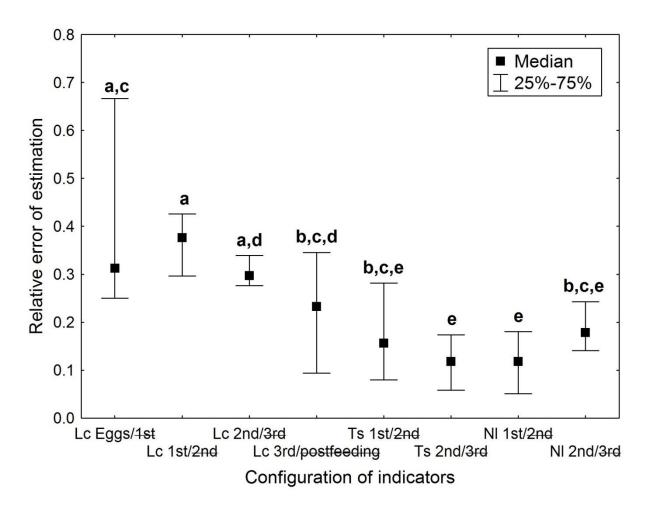


Fig. 7. Differences between configurations in the relative error of estimation (absolute difference between true and estimated PMI divided by true PMI). Different letters denote significant differences in pairwise comparisons (P < 0.05). Lc Eggs/<del>1st</del> – presence of eggs and absence of 1st instar larvae of *Lucilia caesar*, Lc 1st/<del>2nd</del> – presence of 1st instar larvae and absence of 2nd instar larvae of *Lucilia caesar*, Lc 2nd/<del>3rd</del> – presence of 2nd instar larvae and absence of 3rd instar larvae of *Lucilia caesar*, Lc 3rd/<del>postfeeding</del> – presence of 3rd instar larvae and absence of 2nd instar larvae of *Lucilia caesar*, Lc 3rd/<del>postfeeding</del> – presence of 1st instar larvae and absence of 2nd instar larvae of *Lucilia caesar*, Lc 3rd/<del>postfeeding</del> – presence of 1st instar larvae and absence of 2nd instar larvae of *Lucilia caesar*, Ts 1st/<del>2nd</del> – presence of 1st instar larvae and absence of 2nd instar larvae of *Lucilia caesar*, Ts 1st/<del>2nd</del> – presence of 1st instar larvae and absence of 2nd instar larvae of *Thanatophilus sinuatus*, Ts 2nd/<del>3rd</del> – presence of 2nd instar larvae and absence of 3rd instar larvae of 2<sup>nd</sup> instar larvae of *Necrodes littoralis*, N1 2nd/<del>3rd</del> – presence of 2nd instar larvae and absence of 3rd instar larvae of 3rd instar larvae of *Necrodes littoralis*.

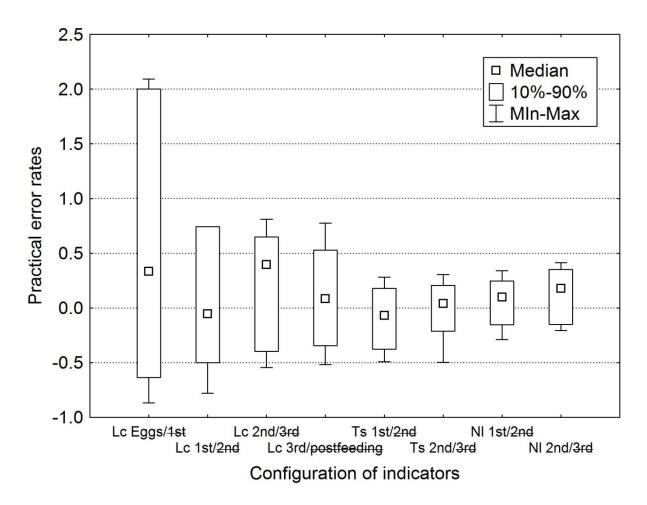


Fig. 8. Practical error rates (difference between true and estimated PMI divided by estimated PMI) for particular configurations. Lc Eggs/<del>1st</del> – presence of eggs and absence of 1st instar larvae of *Lucilia caesar*, Lc 1st/<del>2nd</del> – presence of 1st instar larvae and absence of 2nd instar larvae of *Lucilia caesar*, Lc 2nd/<del>3rd</del> – presence of 2nd instar larvae and absence of 3rd instar larvae of *Lucilia caesar*, Lc 3rd/<del>postfeeding</del> – presence of 3rd instar larvae and absence of 2nd instar larvae of *Lucilia caesar*, Lc 3rd/<del>postfeeding</del> – presence of 1st instar larvae and absence of 2nd instar larvae and absence of 3rd instar larvae and absence of 2nd instar larvae and absence of 2nd instar larvae and absence of 3rd instar larvae and absence of 3rd instar larvae and absence of 2nd instar larvae and absence of 2nd instar larvae and absence of 3rd instar larvae of *Necrodes littoralis*, N1 2nd/<del>3rd</del> – presence of 2nd instar larvae and absence of 3rd instar larvae and absence absence absence absence absence abs