**Supplementary materials: Beekeepers’ perceptions toward a new omics tool for monitoring bee health in Europe**

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**S4 Appendix. Model selection**

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| Table A. Global models before and after removing terms with a Variance Inflation Factor (VIF) ≥5. | | |
| Response variable | **Global model before removing terms with VIF ≥5** | **Global model after removing terms with VIF ≥5** |
| Willingness to use the BHC with incentives | Country  bhc.e  bhc.be.p  bhc.be.tc  bhc.ba.c  bhc.ba.t.e.d.i  bhc.be.pp.ep.qe  bhc.be.g.bh.cp | bhc.e  bhc.be.p  bhc.be.tc  bhc.ba.c  bhc.ba.t.e.d.i  bhc.be.pp.ep.qe  bhc.be.g.bh.cp |
| Willingness to use the BHC without incentives | Country  bhc.e  bhc.be.p  bhc.be.tc  bhc.ba.c  bhc.ba.t.e.d.i  bhc.be.pp.ep.qe  bhc.be.g.bh.cp | Country  bhc.e  bhc.be.p  bhc.be.tc  bhc.ba.t.e.d.i  bhc.be.pp.ep.qe  bhc.be.g.bh.cp |
| Willingness to accept BHC extra costs with incentives | Country  bhc.e  bhc.be.p  bhc.be.tc  bhc.ba.c  bhc.ba.t.e.d.i  bhc.be.pp.ep.qe  bhc.be.g.bh.cp | Country  bhc.e  bhc.be.p  bhc.be.tc  bhc.ba.c  bhc.ba.t.e.d.i |
| Willingness to accept BHC extra costs without incentives | Country  bhc.e  bhc.be.p  bhc.be.tc  bhc.ba.c  bhc.ba.t.e.d.i  bhc.be.pp.ep.qe  bhc.be.g.bh.cp | Country  bhc.e  bhc.be.p  bhc.be.tc  bhc.ba.c  bhc.ba.t.e.d.i |
| Frequency of BHC use with incentives | Country  bhc.e  bhc.be.p  bhc.be.tc  bhc.ba.c  bhc.ba.t.e.d.i  bhc.be.pp.ep.qe  bhc.be.g.bh.cp | Country  bhc.e  bhc.be.p  bhc.be.tc  bhc.ba.c  bhc.ba.t.e.d.i |
| Frequency of BHC use without incentives | Country  bhc.e  bhc.be.p  bhc.be.tc  bhc.ba.c  bhc.ba.t.e.d.i  bhc.be.pp.ep.qe  bhc.be.g.bh.cp | Country  bhc.e  bhc.be.p  bhc.be.tc  bhc.ba.c  bhc.ba.t.e.d.i |

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| Table B. Backward stepwise model selection from global models (including all terms with VIF <5) to final models (including only significant terms, with p-value <0.05). Final models are highlighted in bold. |
| Willingness to use the BHC with economic incentives |
| Terms |
| (5) bhc.e + bhc.be.p + bhc.ba.t.e.d.i |
| (4) bhc.e + bhc.be.p + bhc.ba.c + bhc.ba.t.e.d.i |
| (3) bhc.e + bhc.be.p + bhc.ba.c + bhc.ba.t.e.d.i + bhc.be.pp.ep.qe |
| (2) bhc.e + bhc.be.p + bhc.be.tc + bhc.ba.c + bhc.ba.t.e.d.i + bhc.be.pp.ep.qe |
| (1) bhc.e + bhc.be.p + bhc.be.tc + bhc.ba.c + bhc.ba.t.e.d.i + bhc.be.pp.ep.qe + bhc.be.g.bh.cp |
| Willingness to use the BHC without economic incentives |
| Terms |
| (5) bhc.e + bhc.ba.t.e.d.i + bhc.be.pp.ep.qe |
| (4) Country + bhc.e + bhc.ba.t.e.d.i + bhc.be.pp.ep.qe |
| (3) Country + bhc.e + bhc.be.tc + bhc.ba.t.e.d.i + bhc.be.pp.ep.qe |
| (2) Country + bhc.e + bhc.be.p + bhc.be.tc + bhc.ba.t.e.d.i + bhc.be.pp.ep.qe |
| (1) Country + bhc.e + bhc.be.p + bhc.be.tc + bhc.ba.t.e.d.i + bhc.be.pp.ep.qe + bhc.be.g.bh.cp |
| Willingness to accept BHC extra costs with economic incentives |
| Terms |
| (5) bhc.e + bhc.ba.t.e.d.i |
| (4) bhc.e + bhc.be.p + bhc.ba.t.e.d.i |
| (3) bhc.e + bhc.be.p + bhc.ba.c + bhc.ba.t.e.d.i |
| (2) bhc.e + bhc.be.p + bhc.be.tc + bhc.ba.c + bhc.ba.t.e.d.i |
| (1) Country + bhc.e + bhc.be.p + bhc.be.tc + bhc.ba.c + bhc.ba.t.e.d.i |
| Willingness to accept BHC extra costs without economic incentives |
| (4) bhc.e + bhc.ba.c + bhc.ba.t.e.d.i |
| (3) bhc.e + bhc.be.p + bhc.ba.c + bhc.ba.t.e.d.i |
| (2) bhc.e + bhc.be.p + bhc.be.tc + bhc.ba.c + bhc.ba.t.e.d.i |
| (1) Country + bhc.e + bhc.be.p + bhc.be.tc + bhc.ba.c + bhc.ba.t.e.d.i |
| Frequency of BHC use with economic incentives |
| Terms |
| (5) bhc.e + bhc.ba.c |
| (4) bhc.e + bhc.be.p + bhc.ba.c |
| (3) bhc.e + bhc.be.p + bhc.ba.c + bhc.ba.t.e.d.i |
| (2) Country + bhc.e + bhc.be.p + bhc.ba.c + bhc.ba.t.e.d.i |
| (1) Country + bhc.e + bhc.be.p + bhc.be.tc + bhc.ba.c + bhc.ba.t.e.d.i |
| Frequency of BHC use without economic incentives |
| Terms |
| (5) bhc.e + bhc.ba.c |
| (4) Country + bhc.e + bhc.ba.c |
| (3) Country + bhc.e + bhc.be.p + bhc.ba.c |
| (2) Country + bhc.e + bhc.be.p + bhc.be.tc + bhc.ba.c |
| (1) Country + bhc.e + bhc.be.p + bhc.be.tc + bhc.ba.c + bhc.ba.t.e.d.i |