

QPAD version 4 documentation - Species Plots

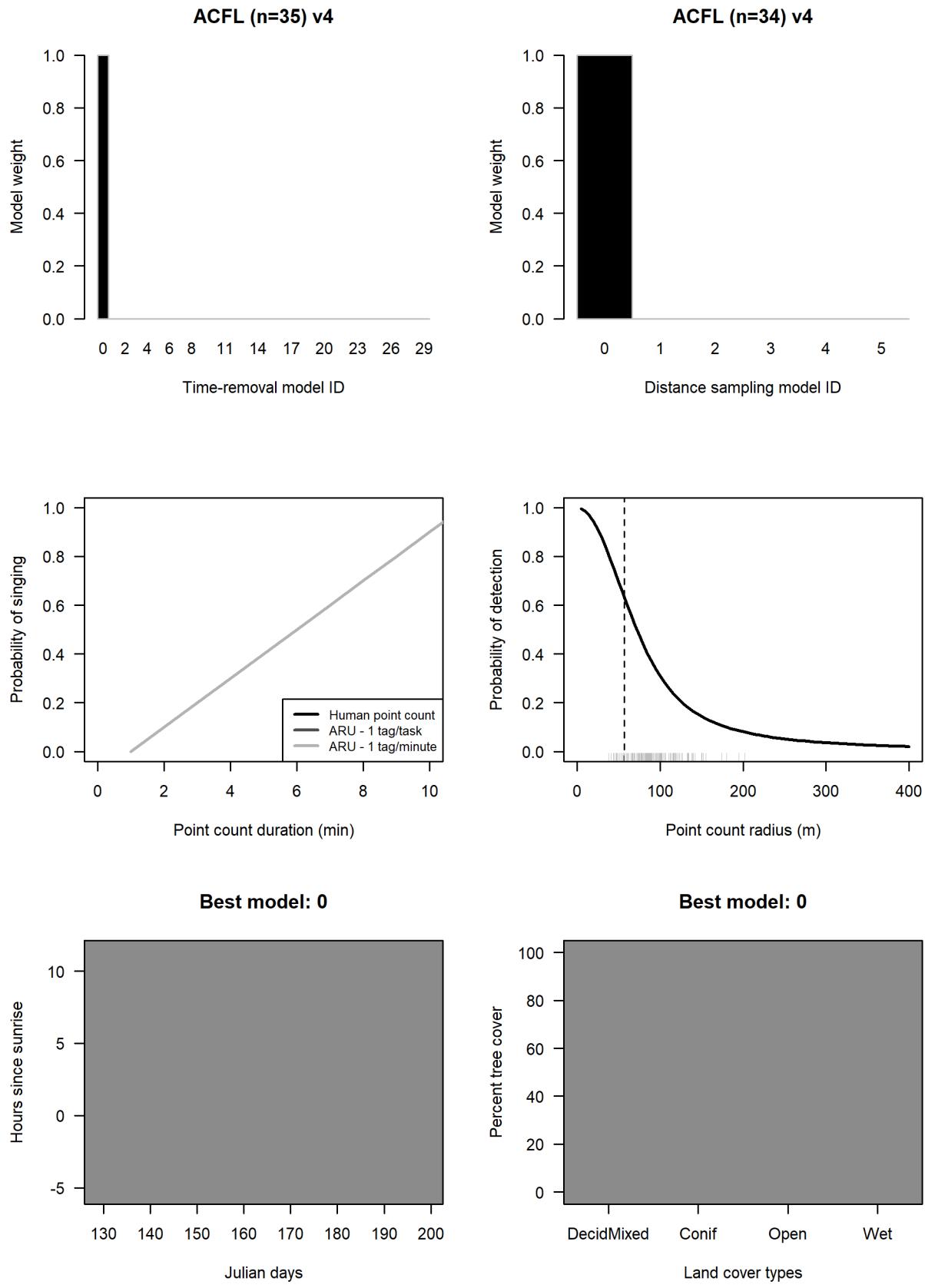
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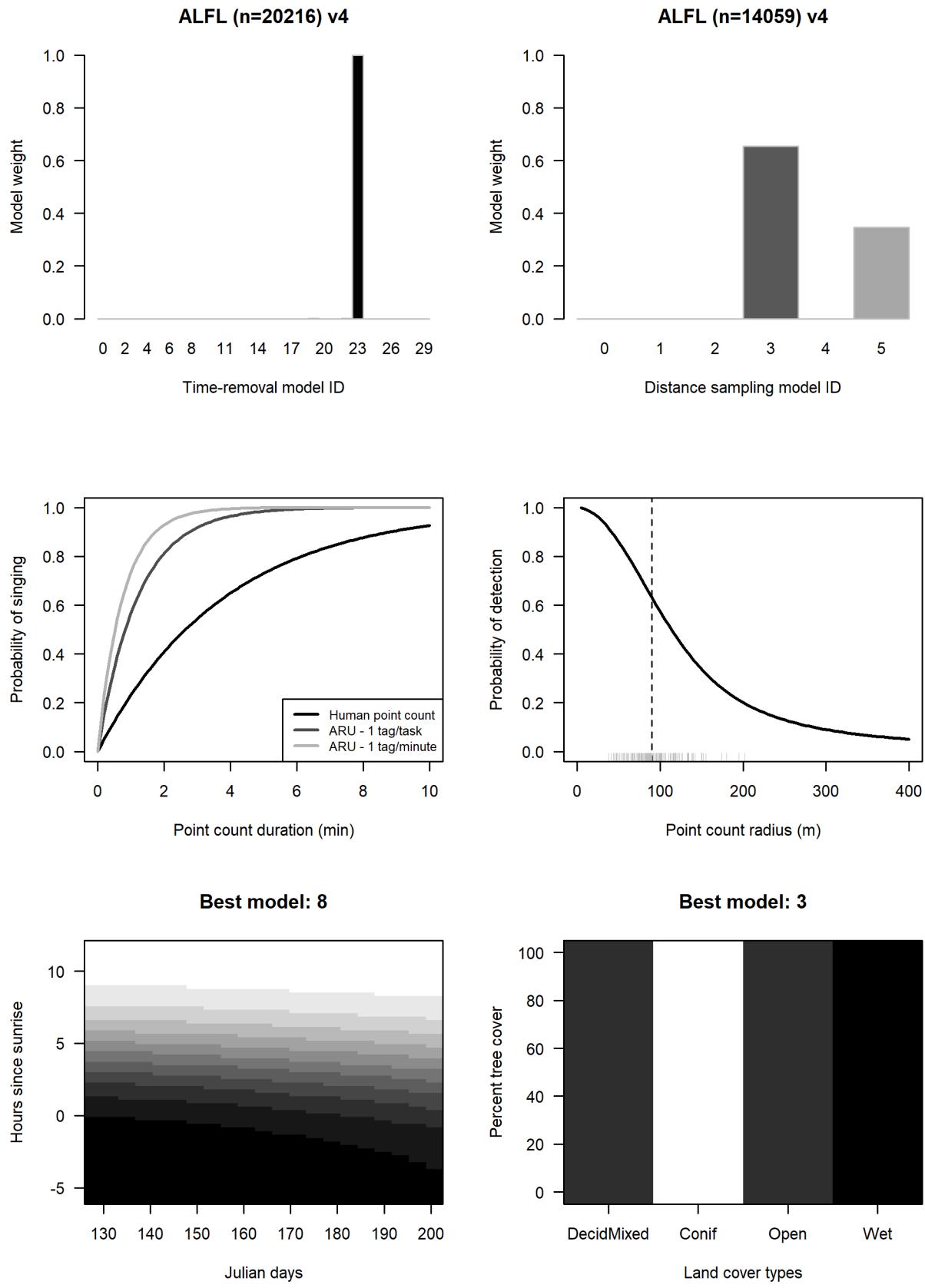
September 12, 2023

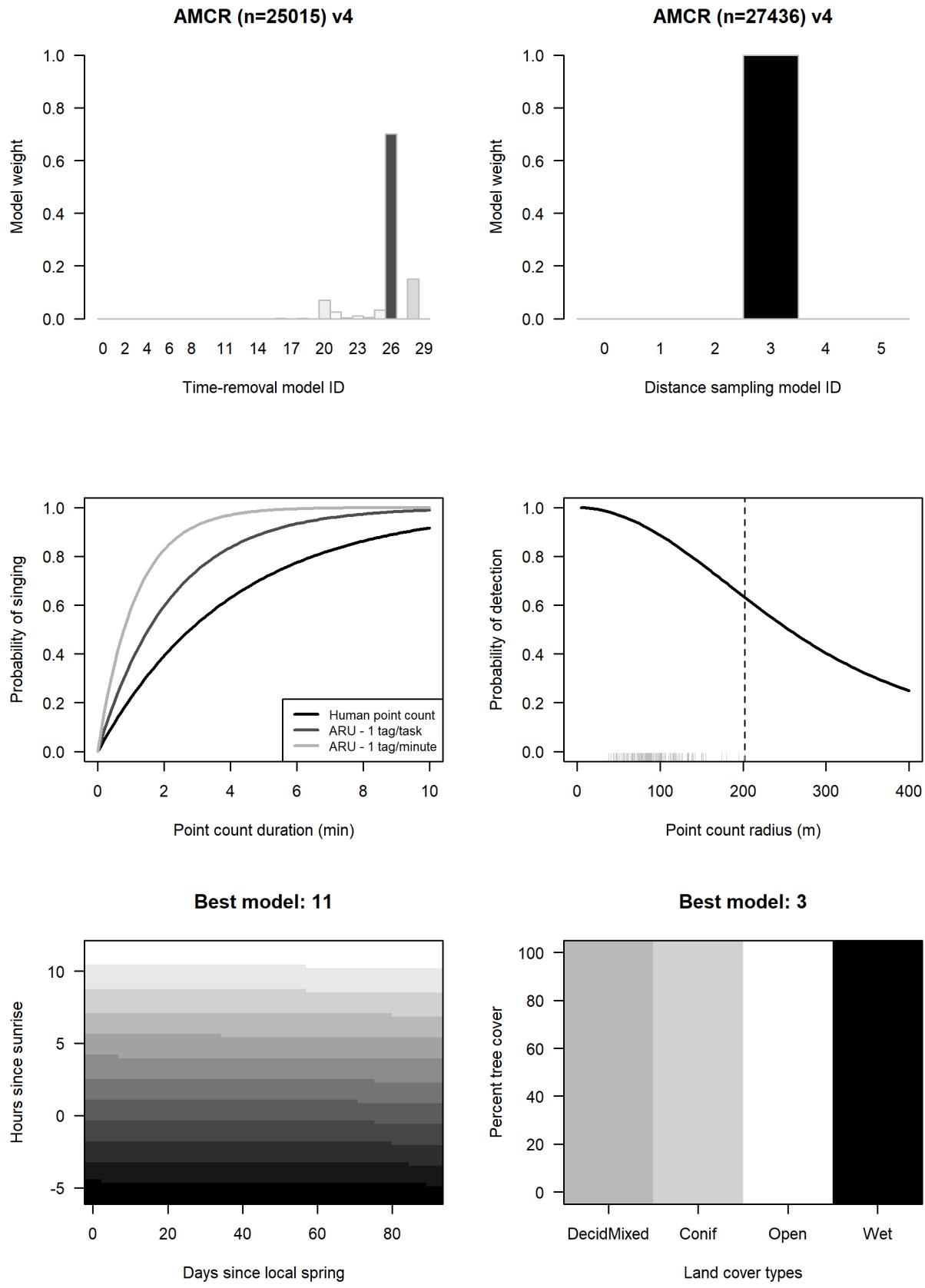
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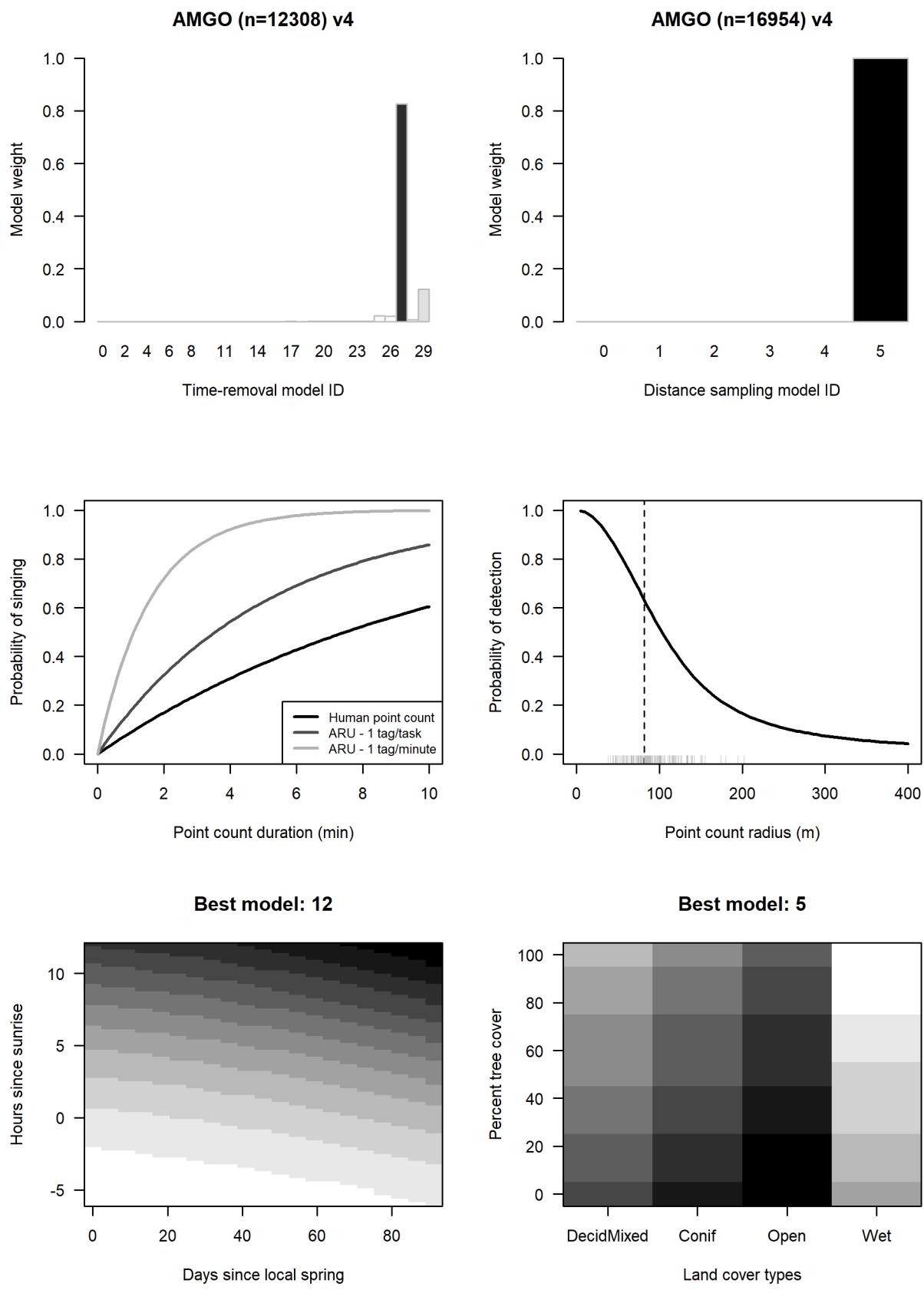
The following report contains output from the ‘plot_BAM_QPAD()’ function in the **QPAD** package and can be used to visualize the results from the time-removal and distance sampling models available in the **QPAD** package version 4.

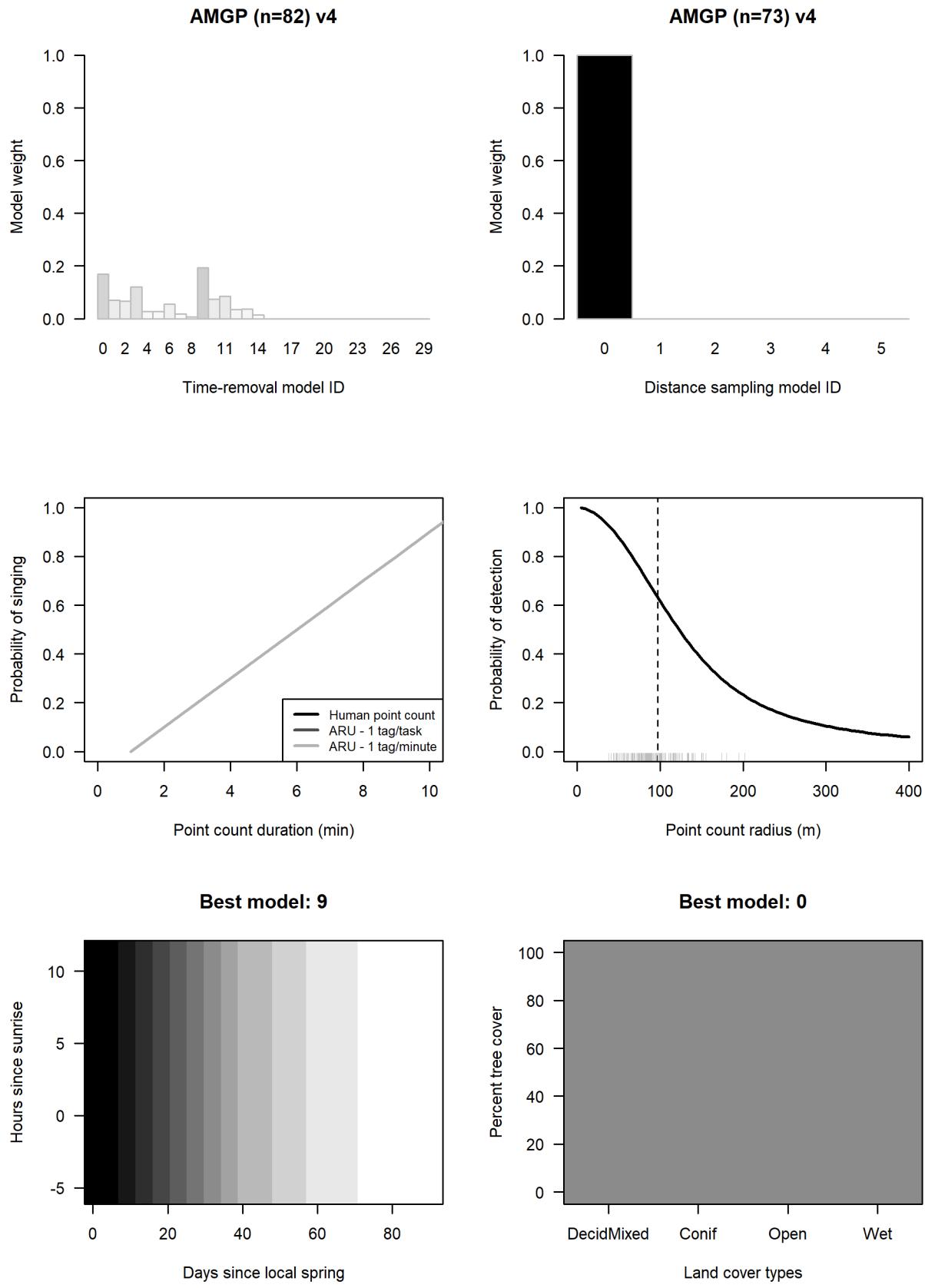
The plots show result summaries for time-removal models (left) and distance sampling (right). The top row shows model selection results for model candidates. The middle row depicts constant singing rate as a function of sampling duration (left) and constant detection distance based distance-decay function (right). Separate lines for each method are predicted for singing rate if the best supported time-removal model includes human point count vs ARU tag method. The bottom row shows the date/time relationship for probability of availability based on best supported time-removal model (left), and tree cover vs. land cover relationship based on best supported distance sampling model (right).

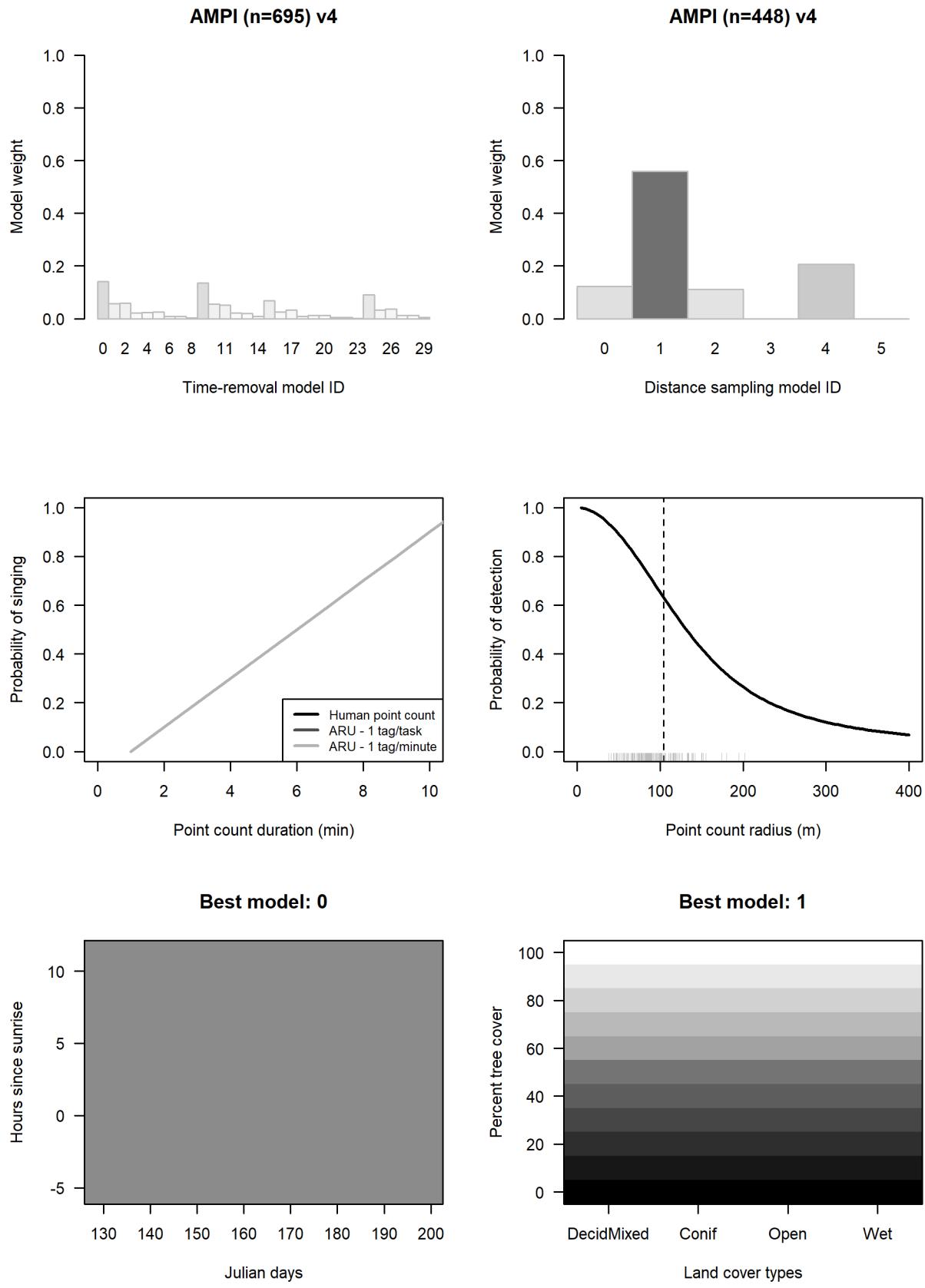


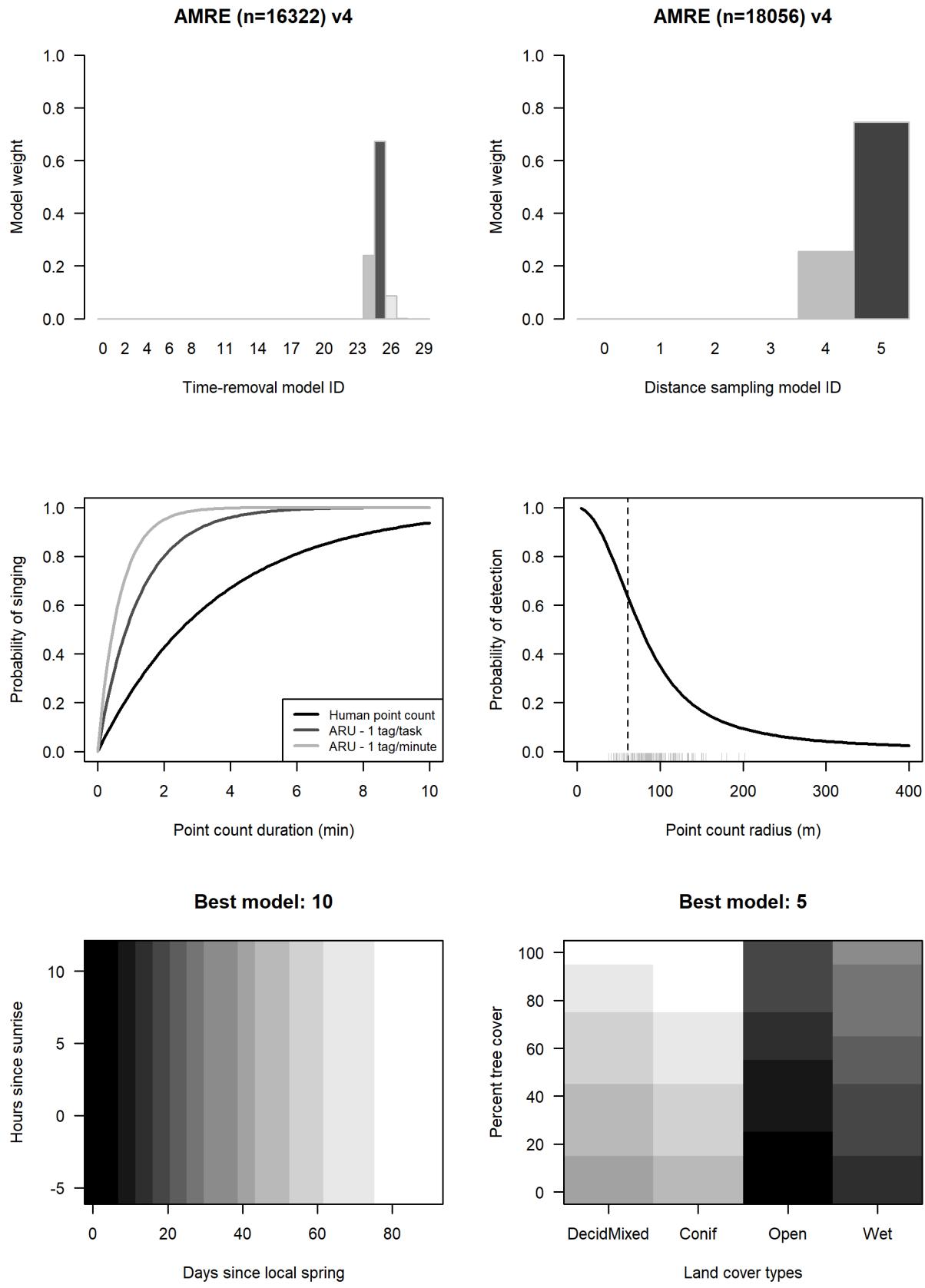


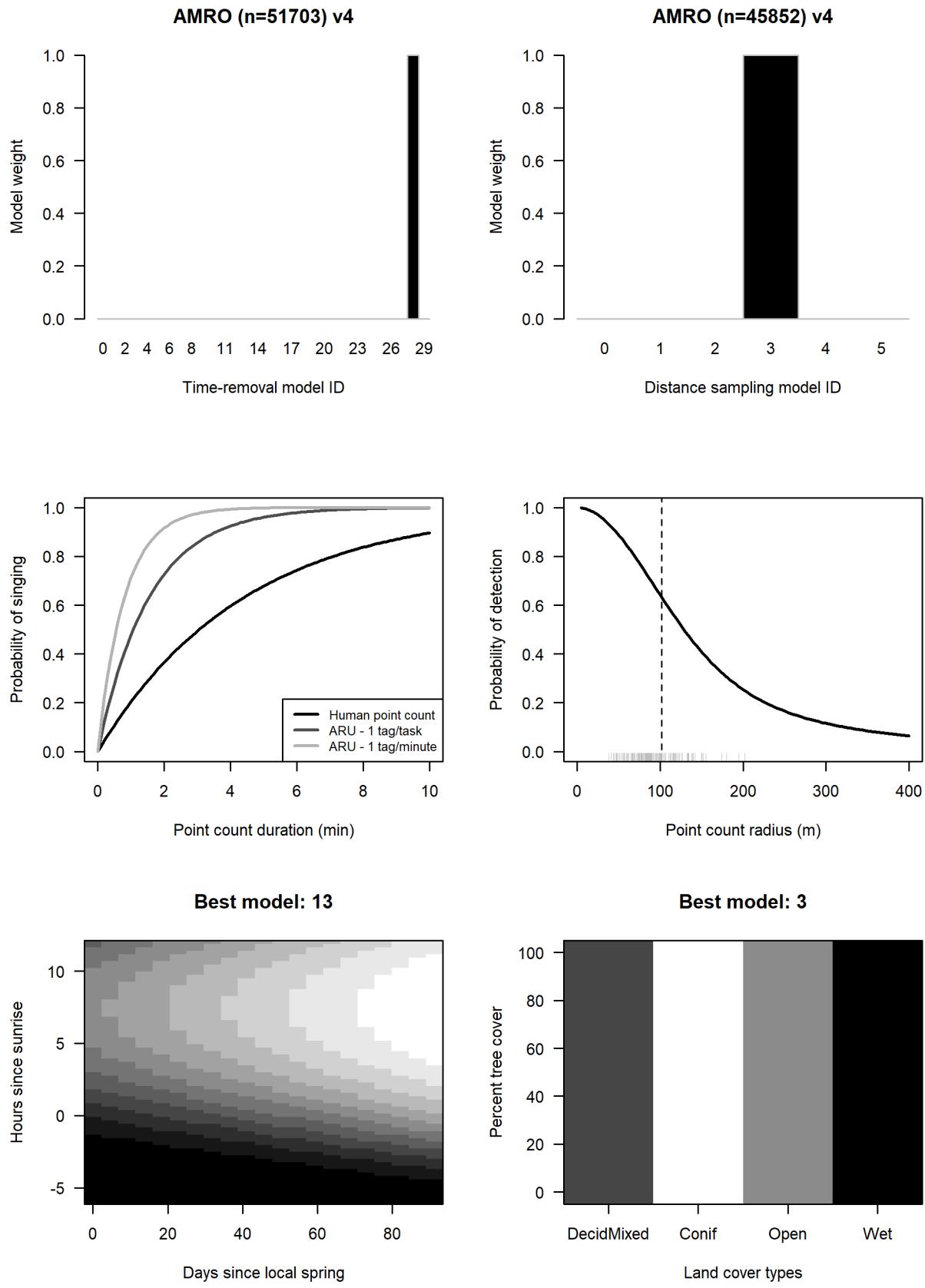


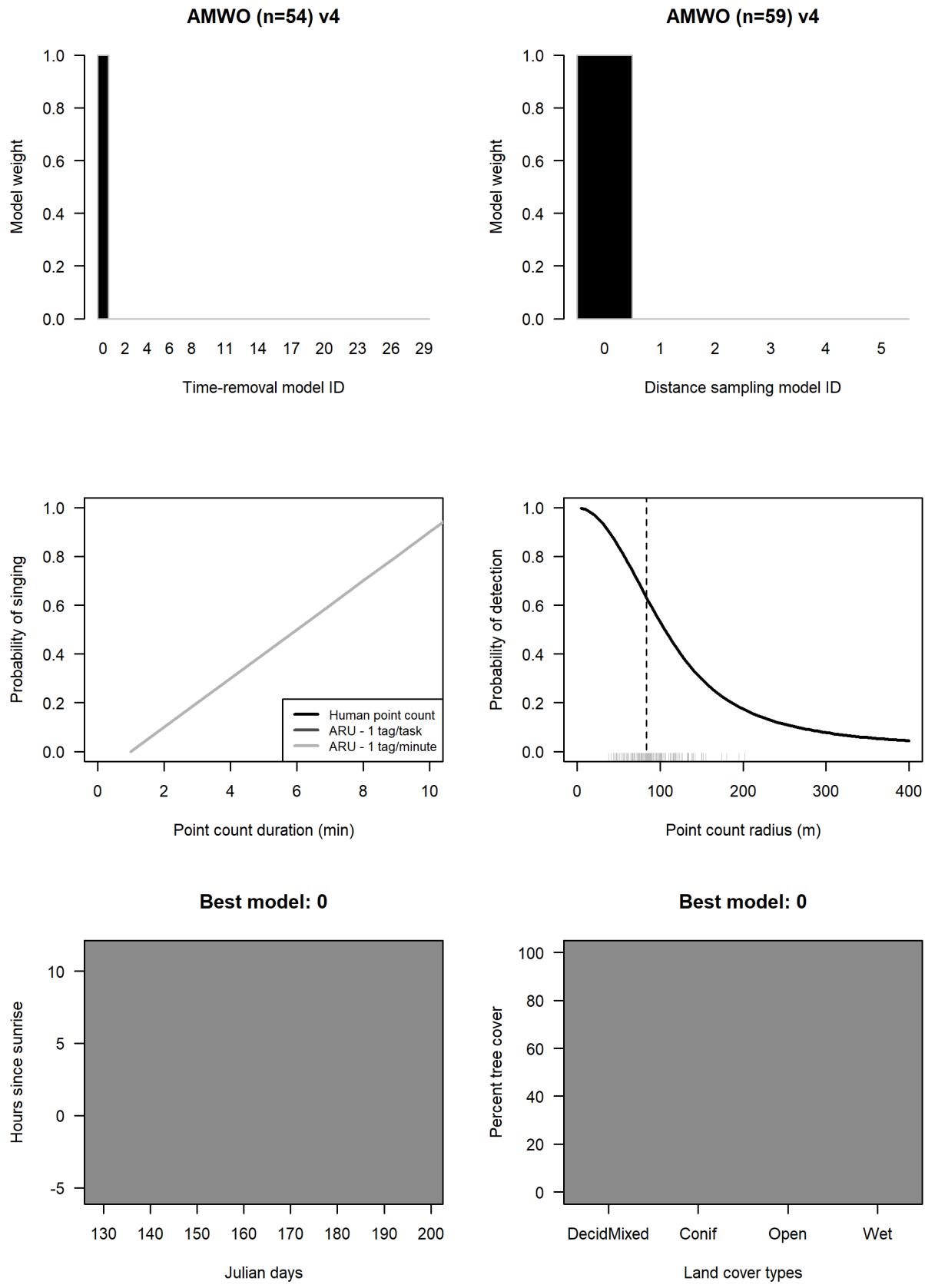


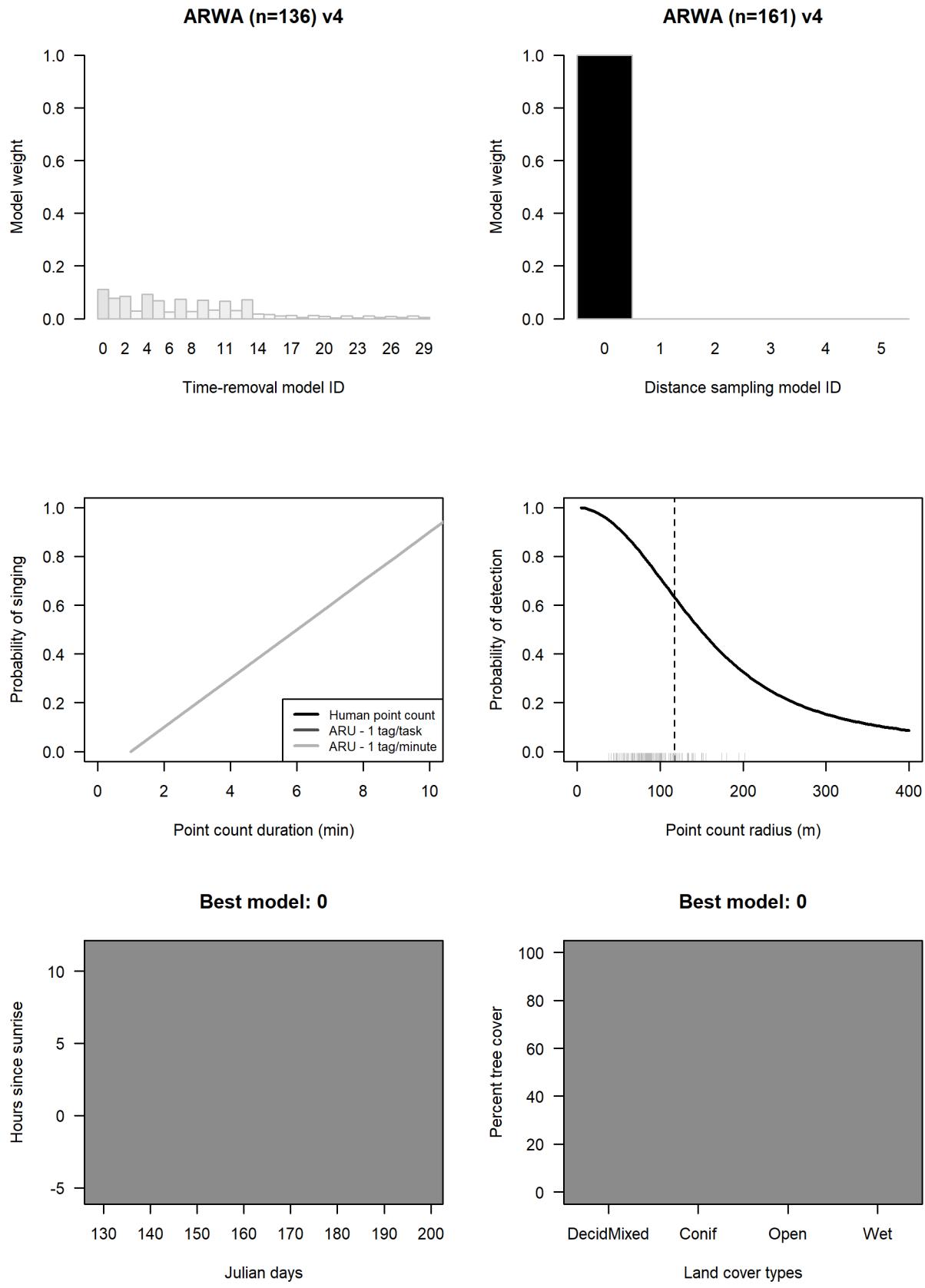


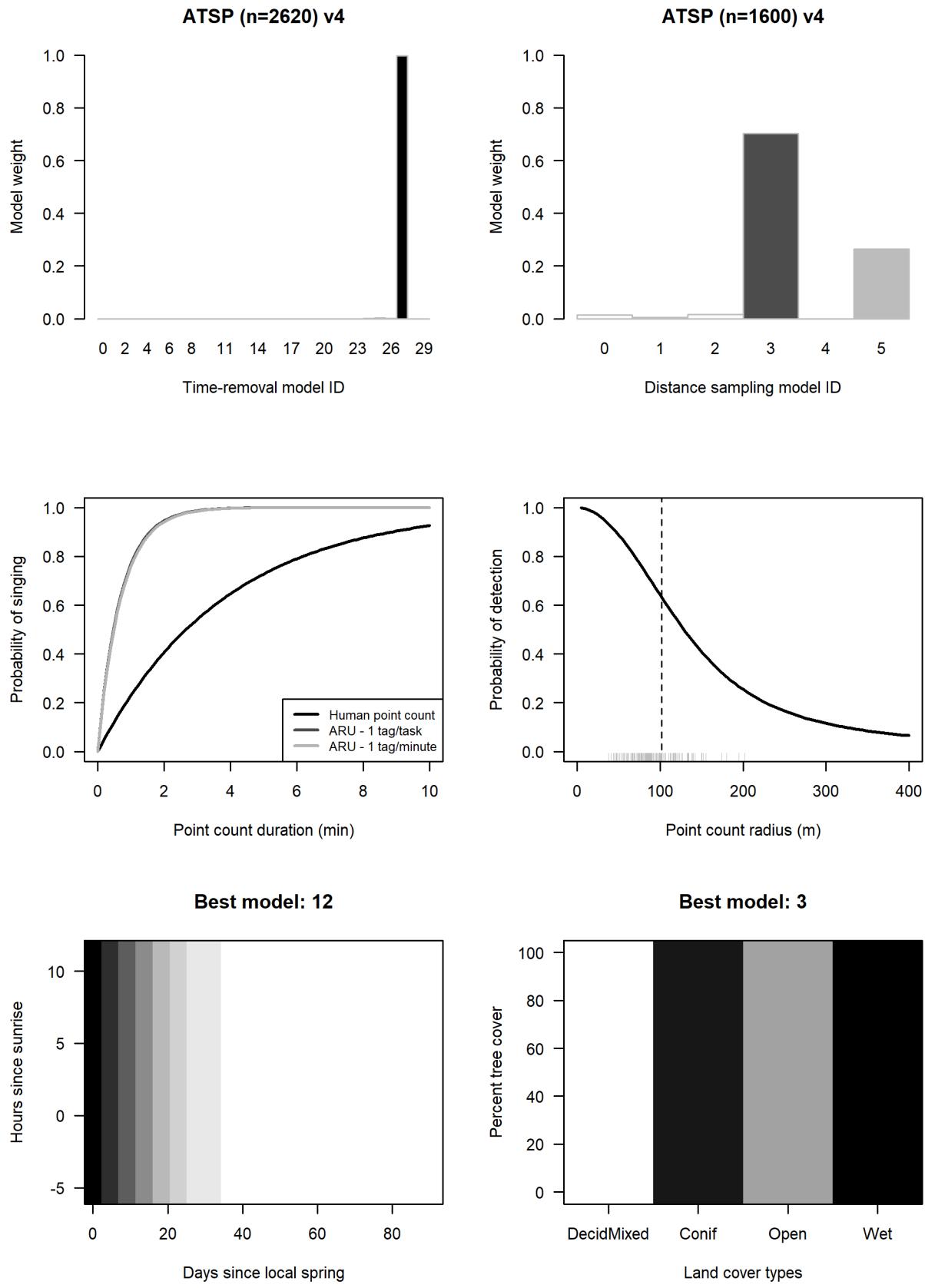


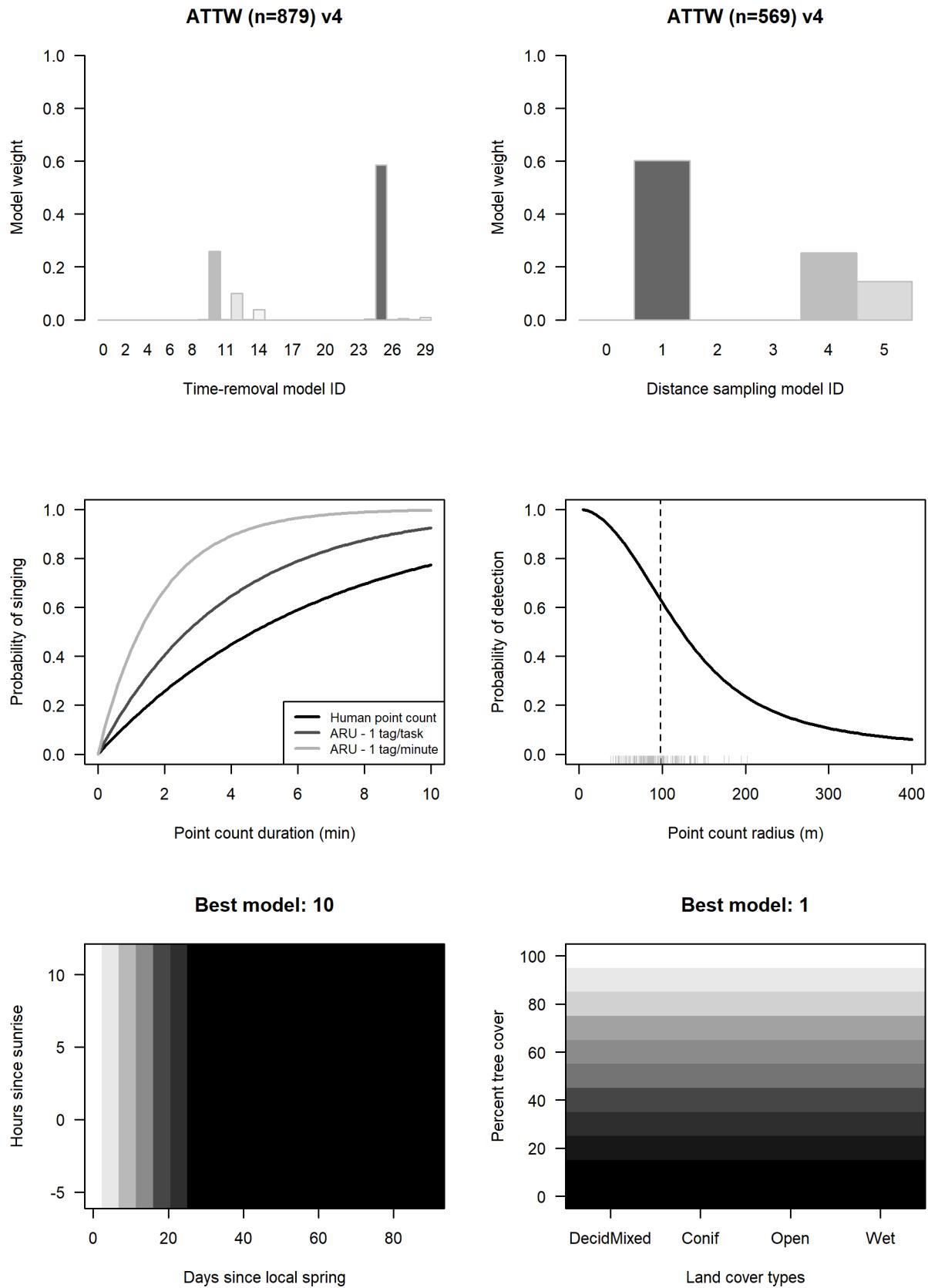


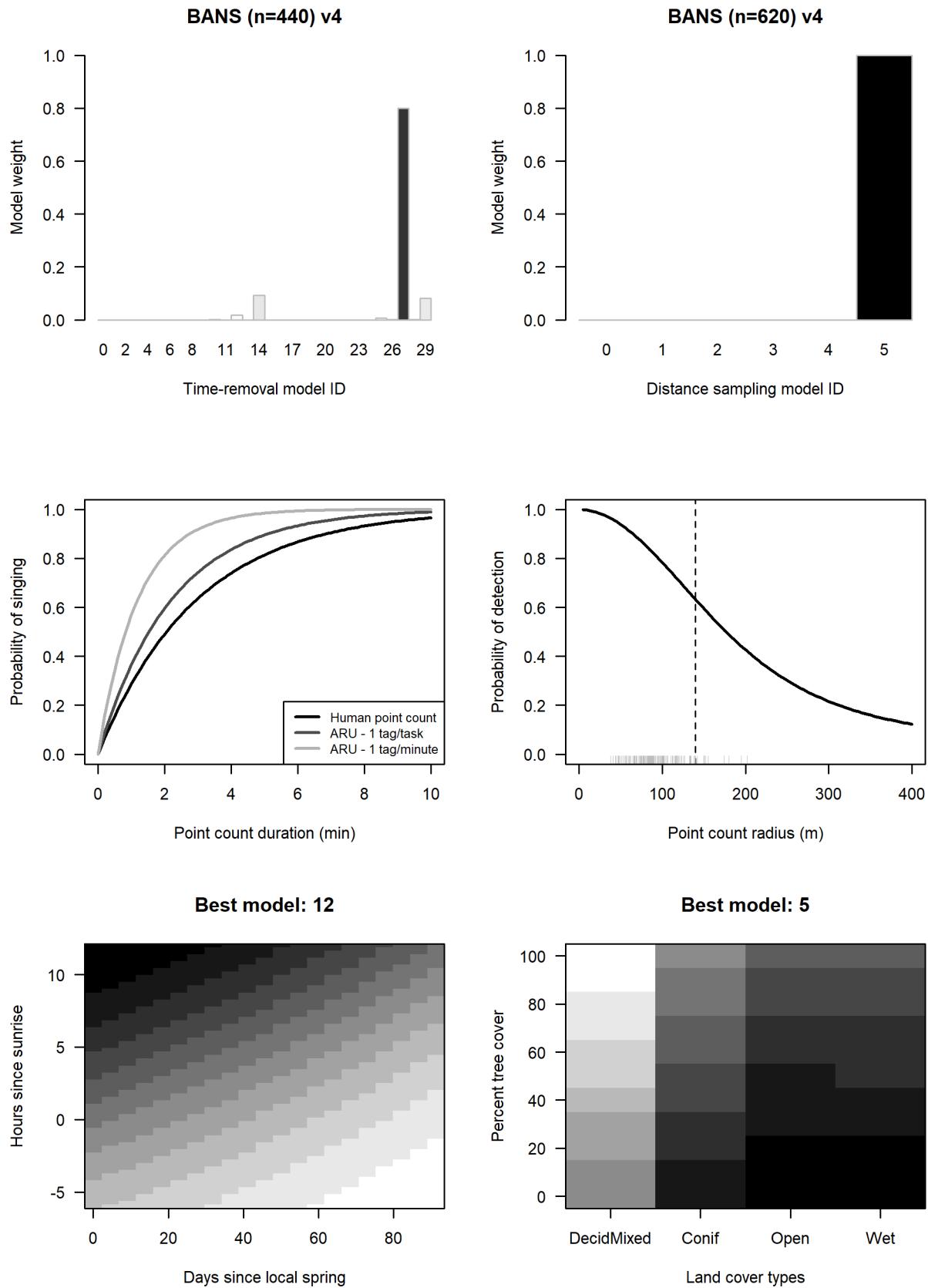


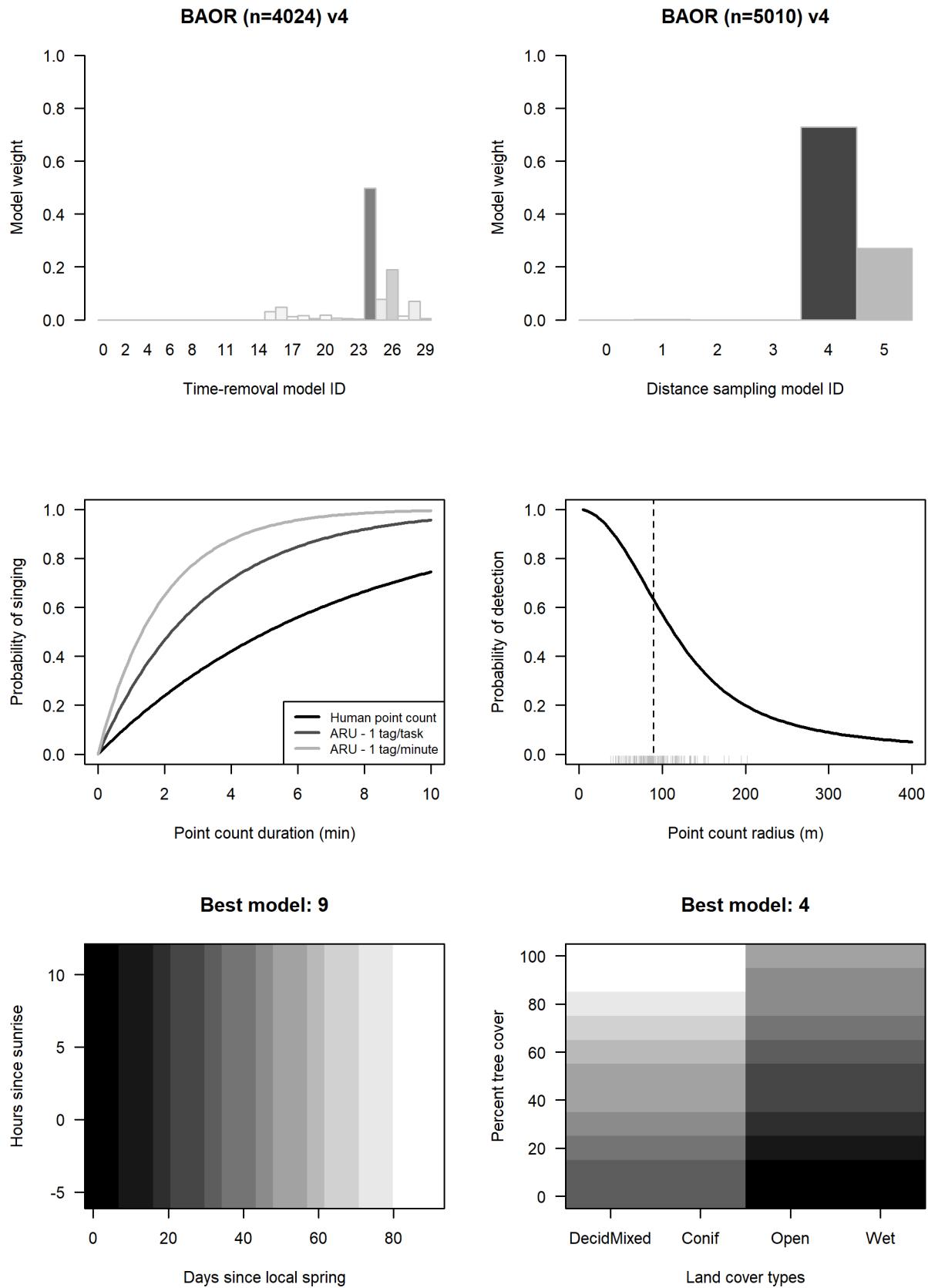


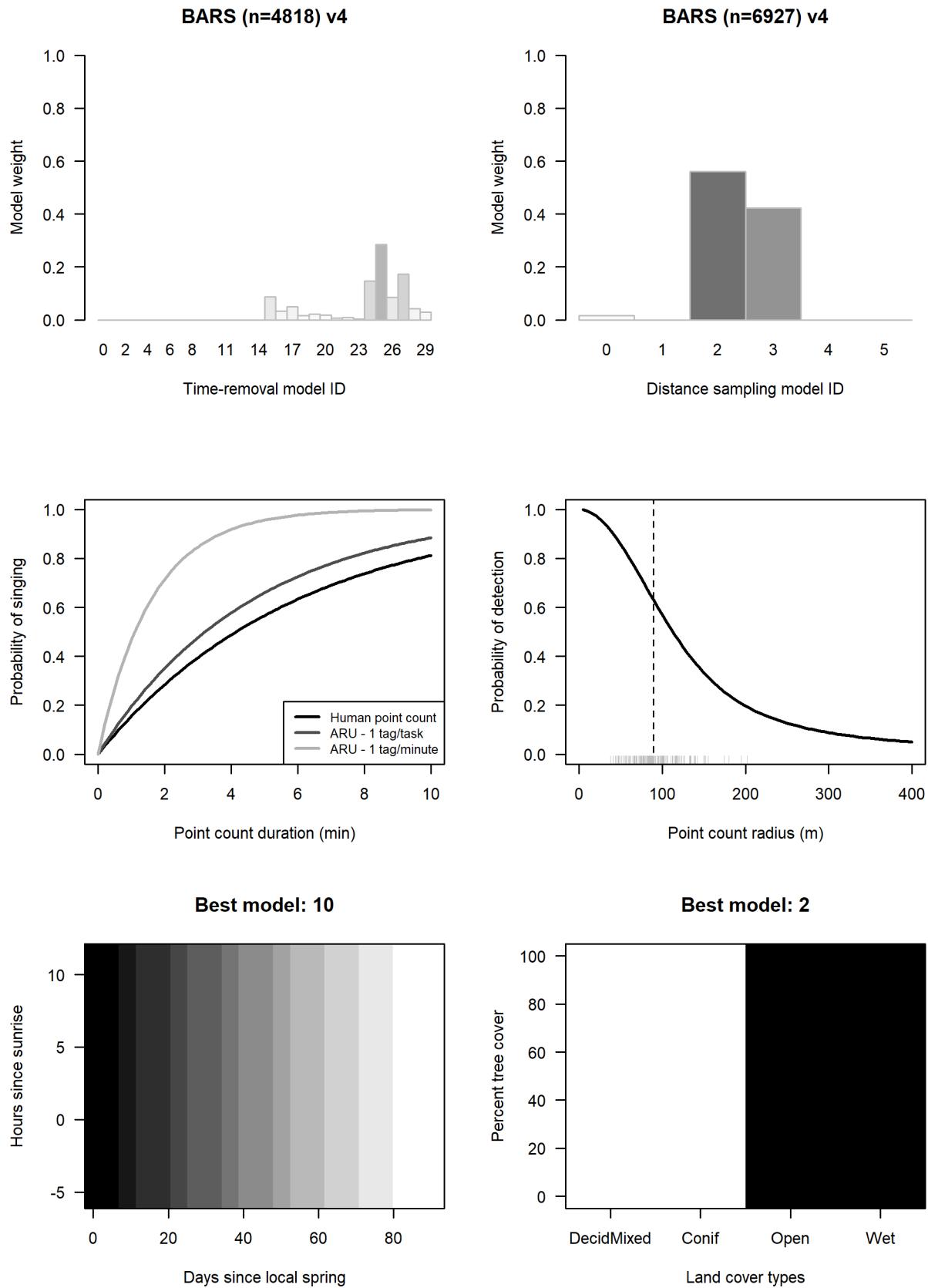


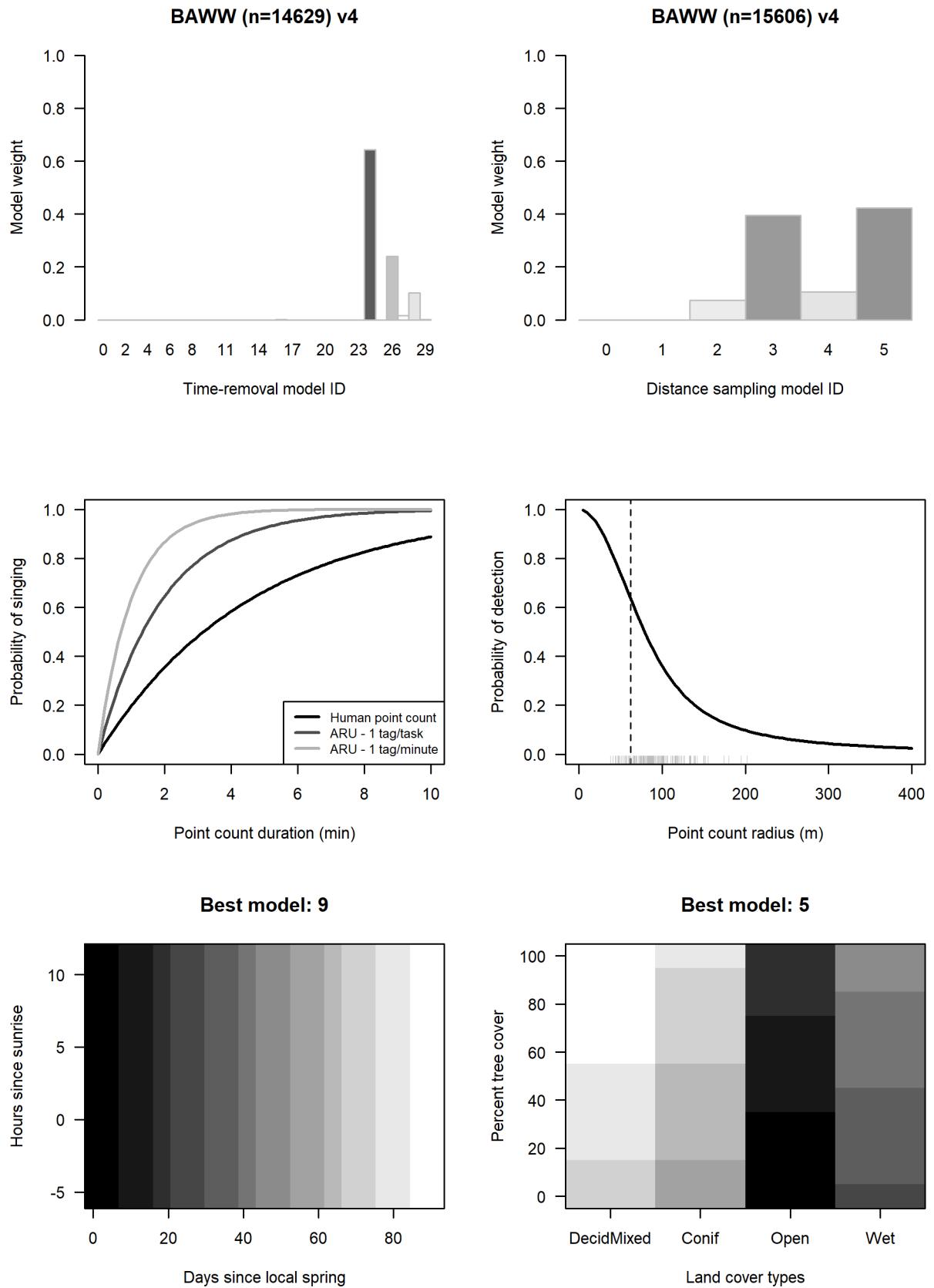


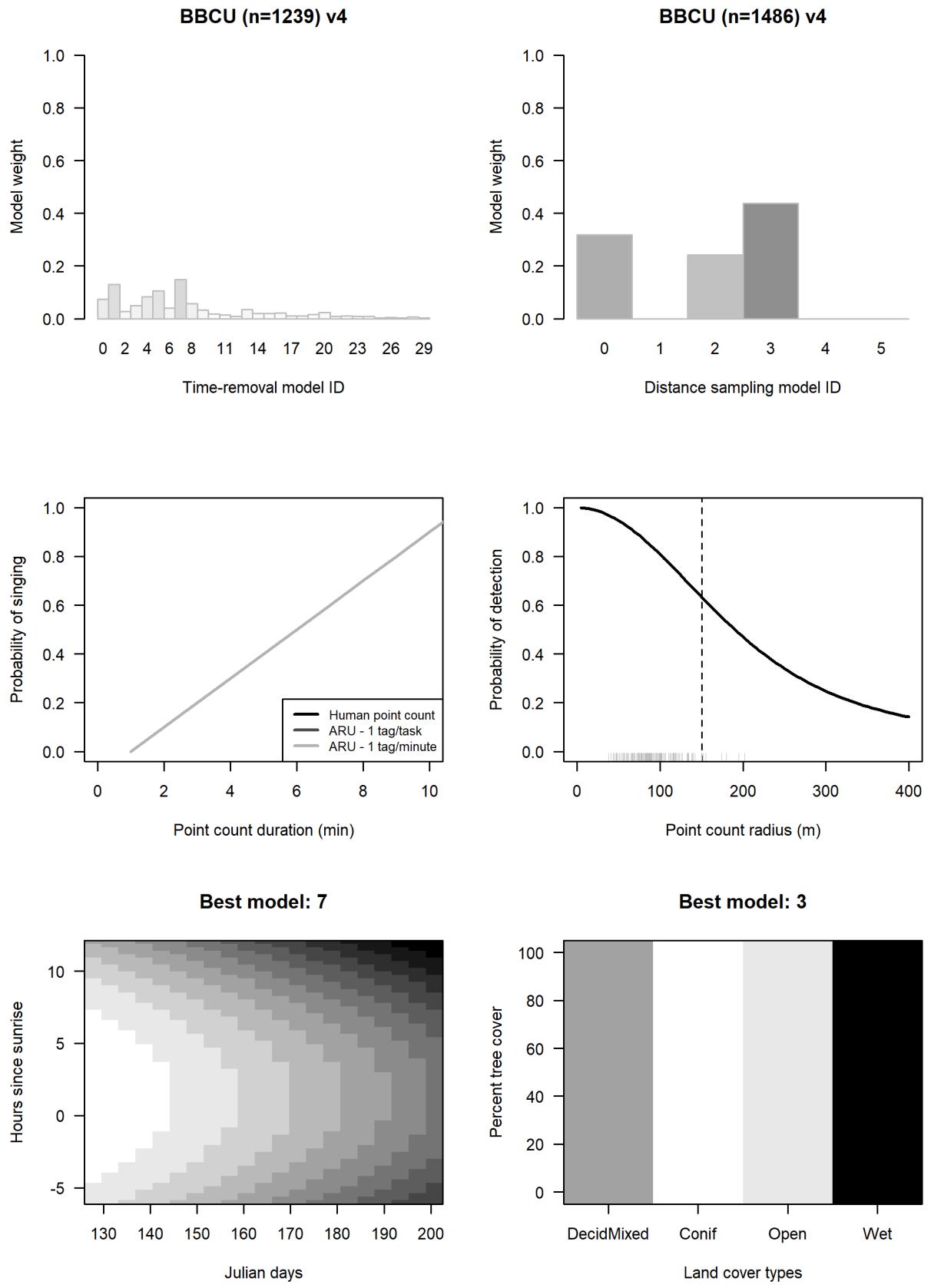


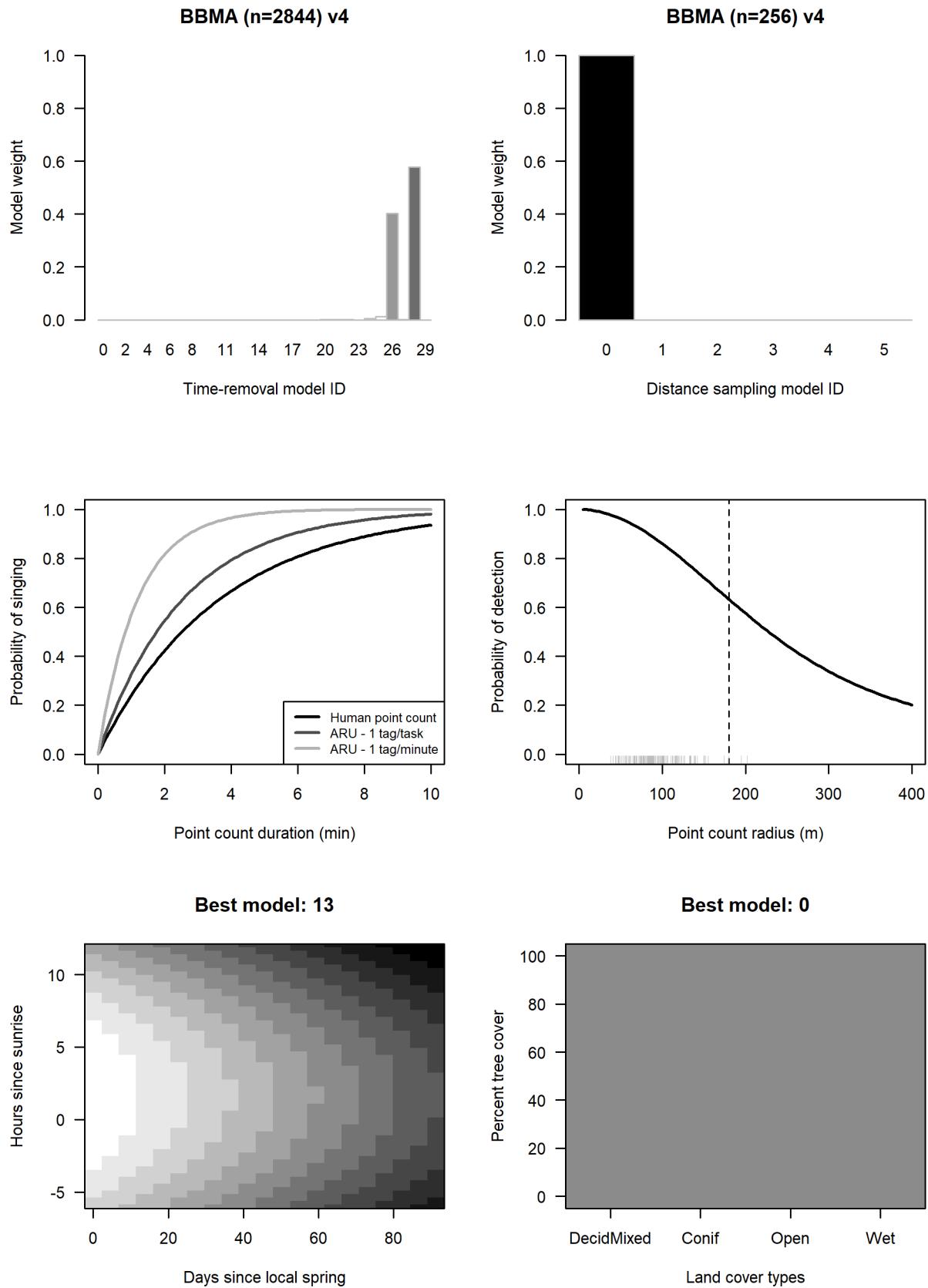


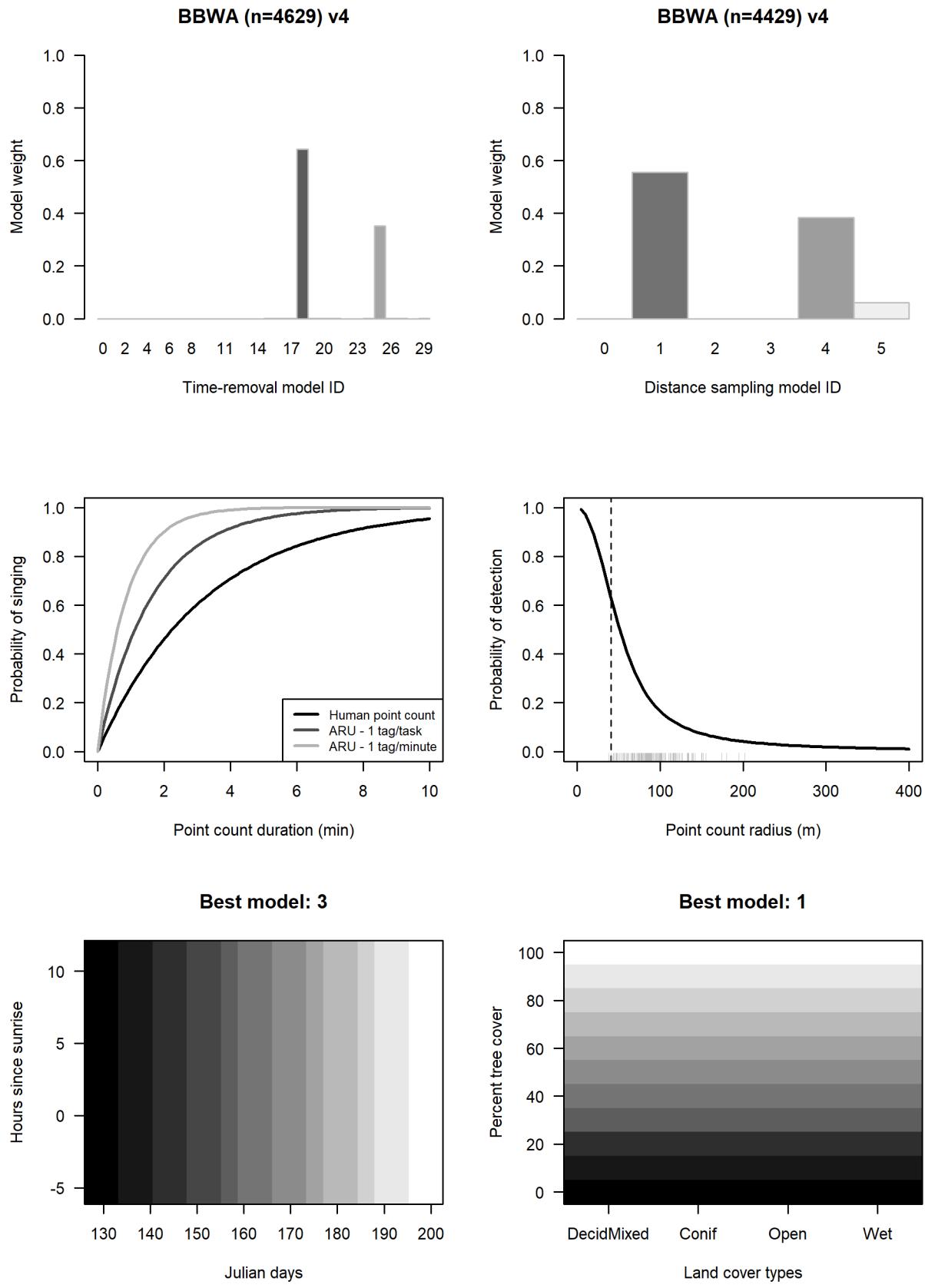


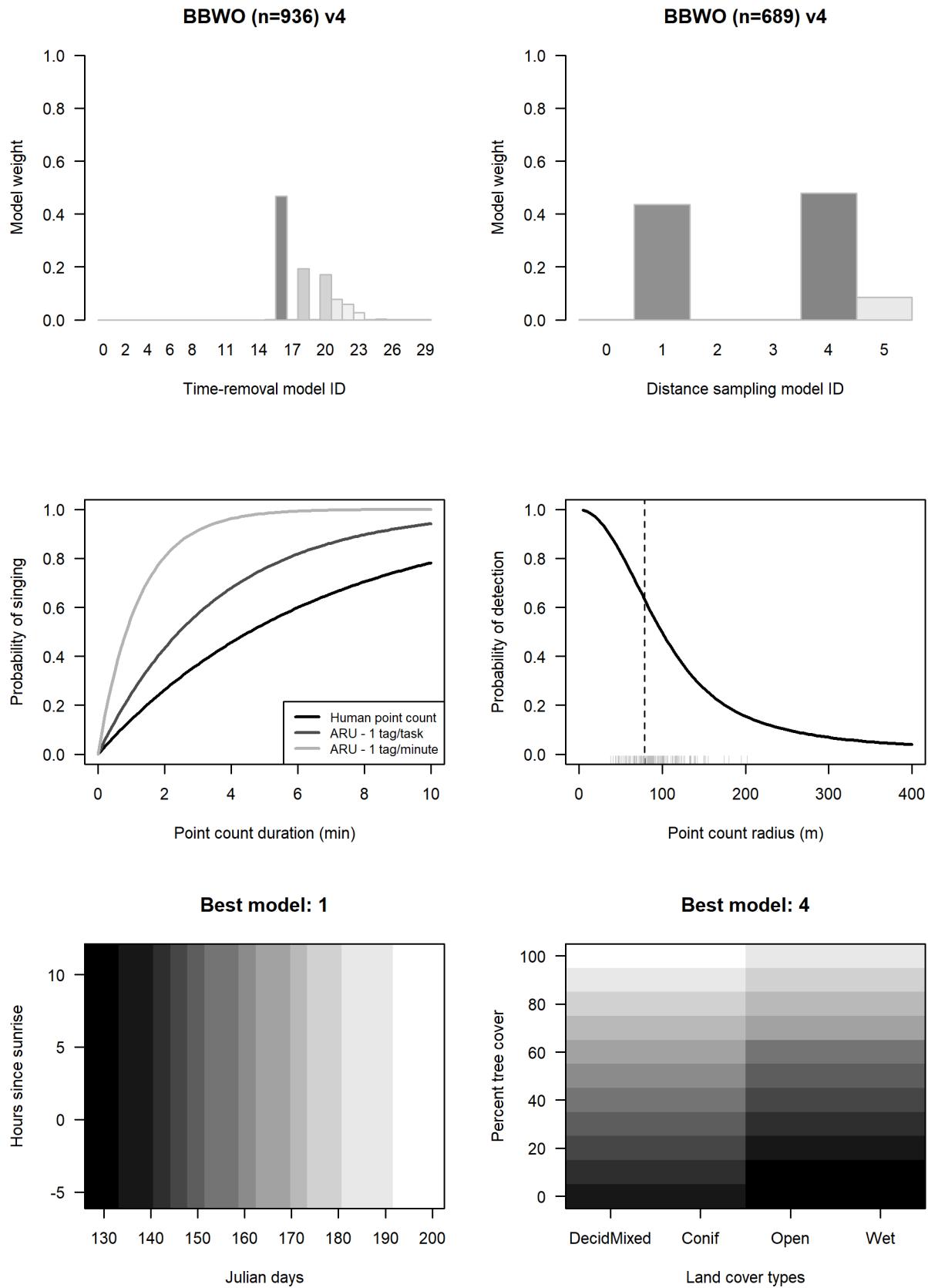


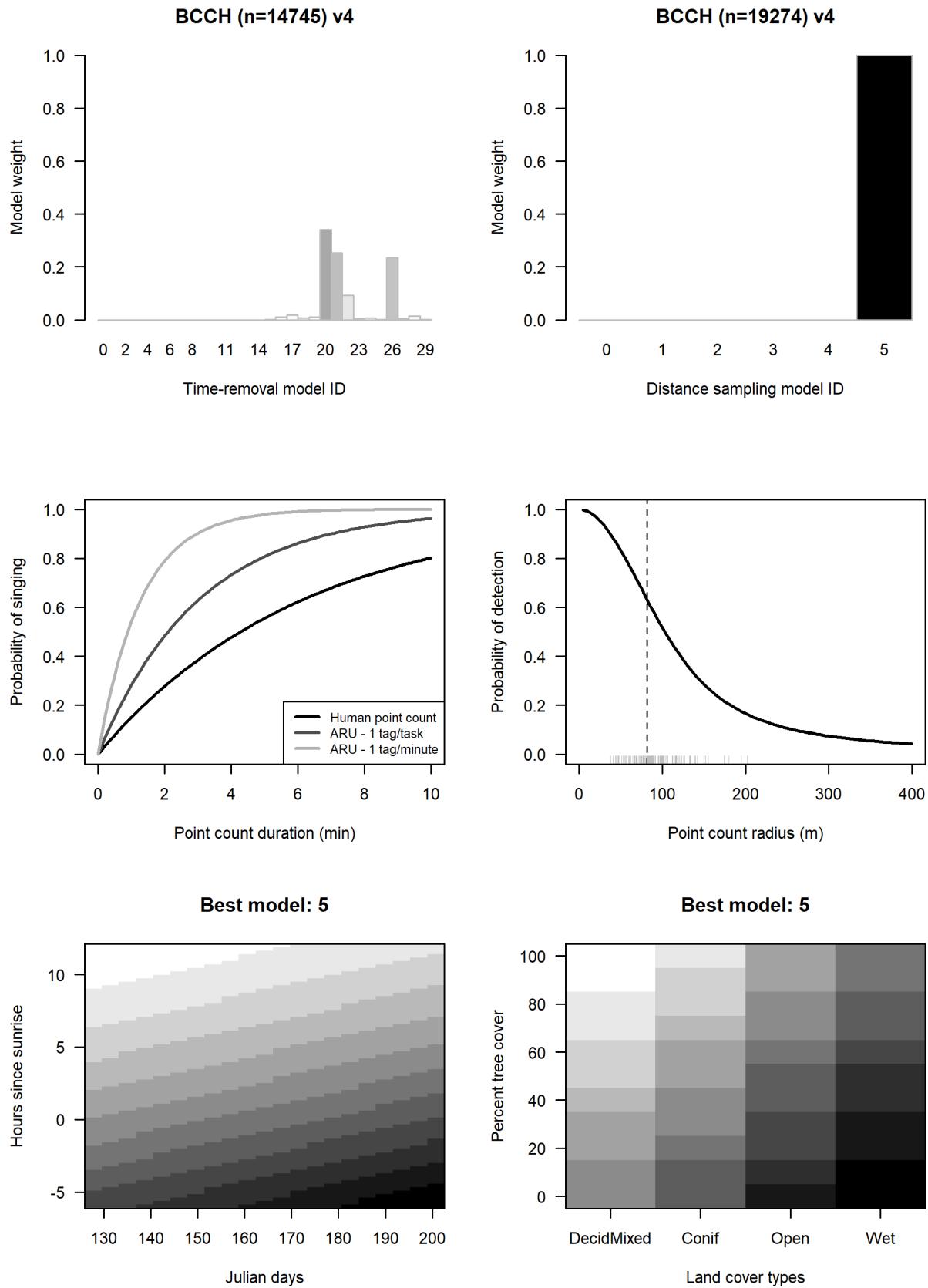


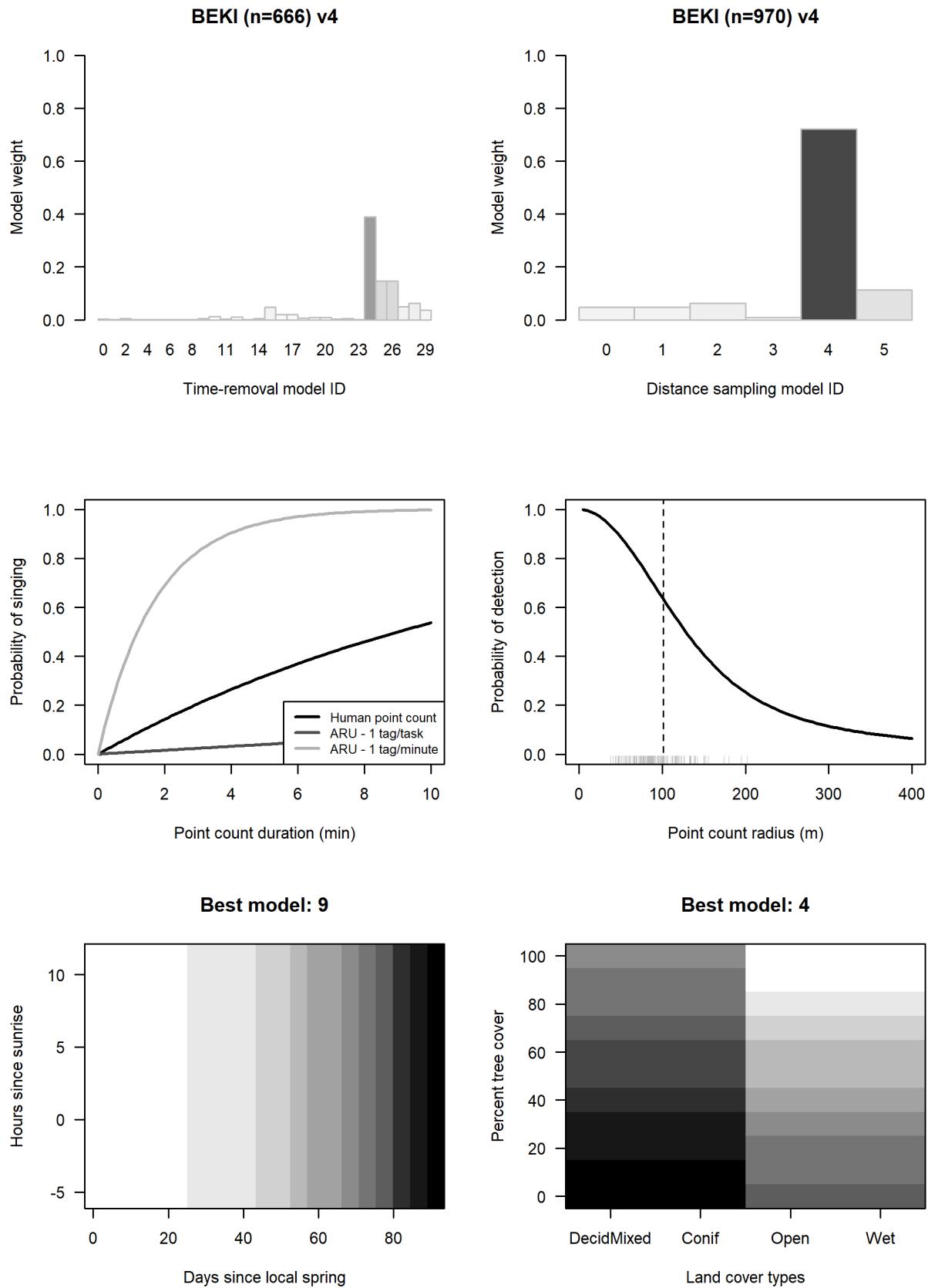


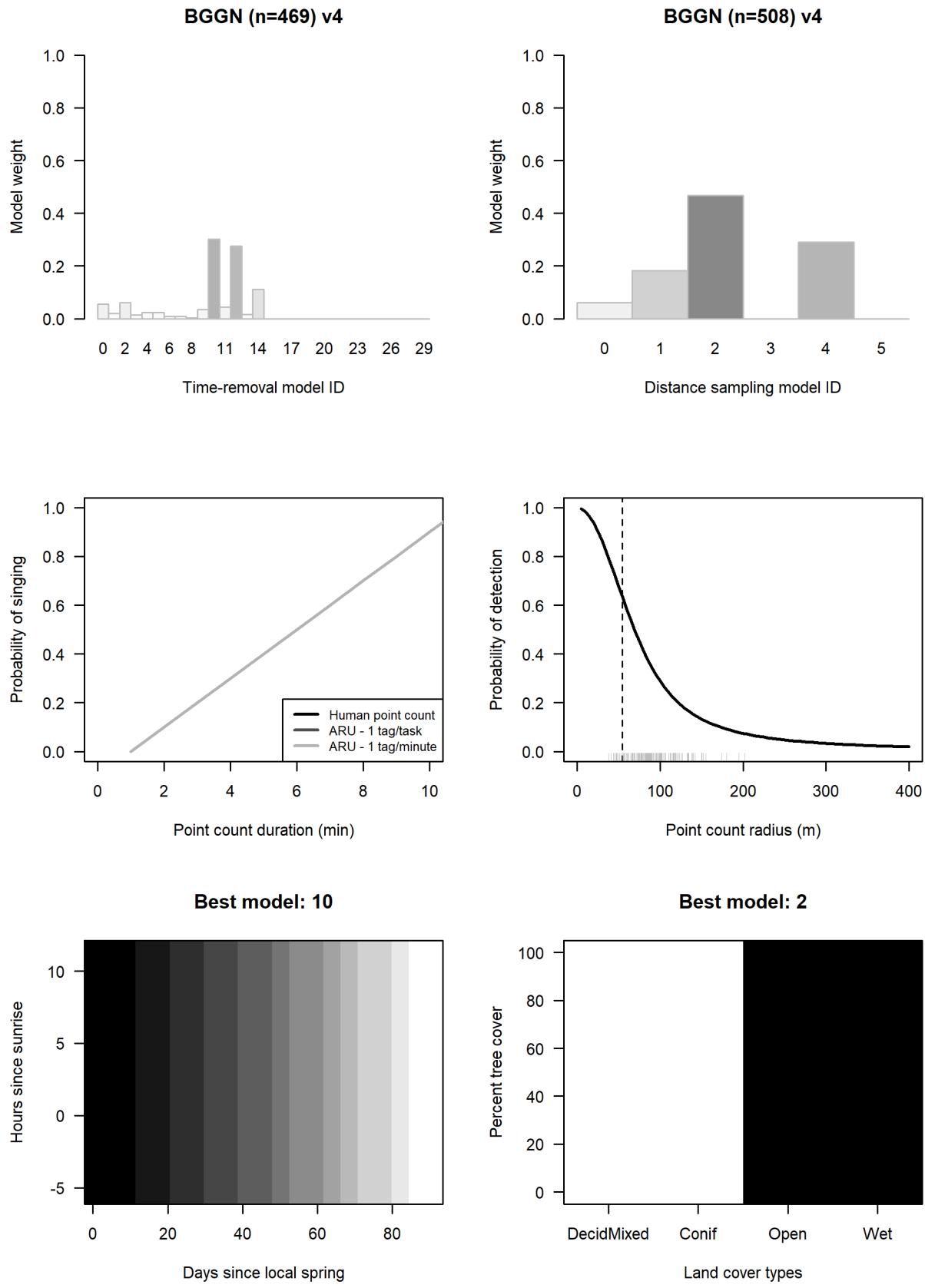


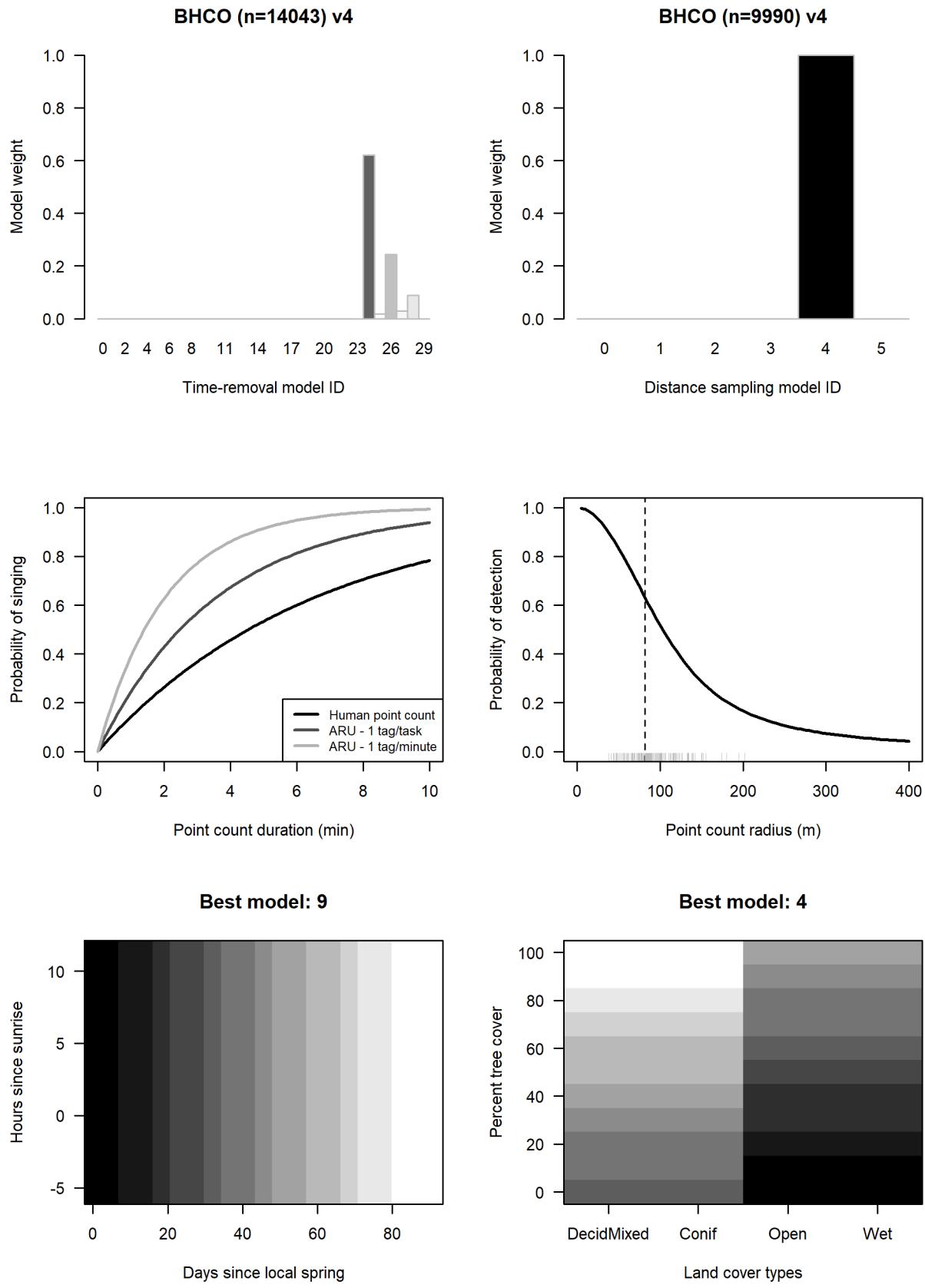


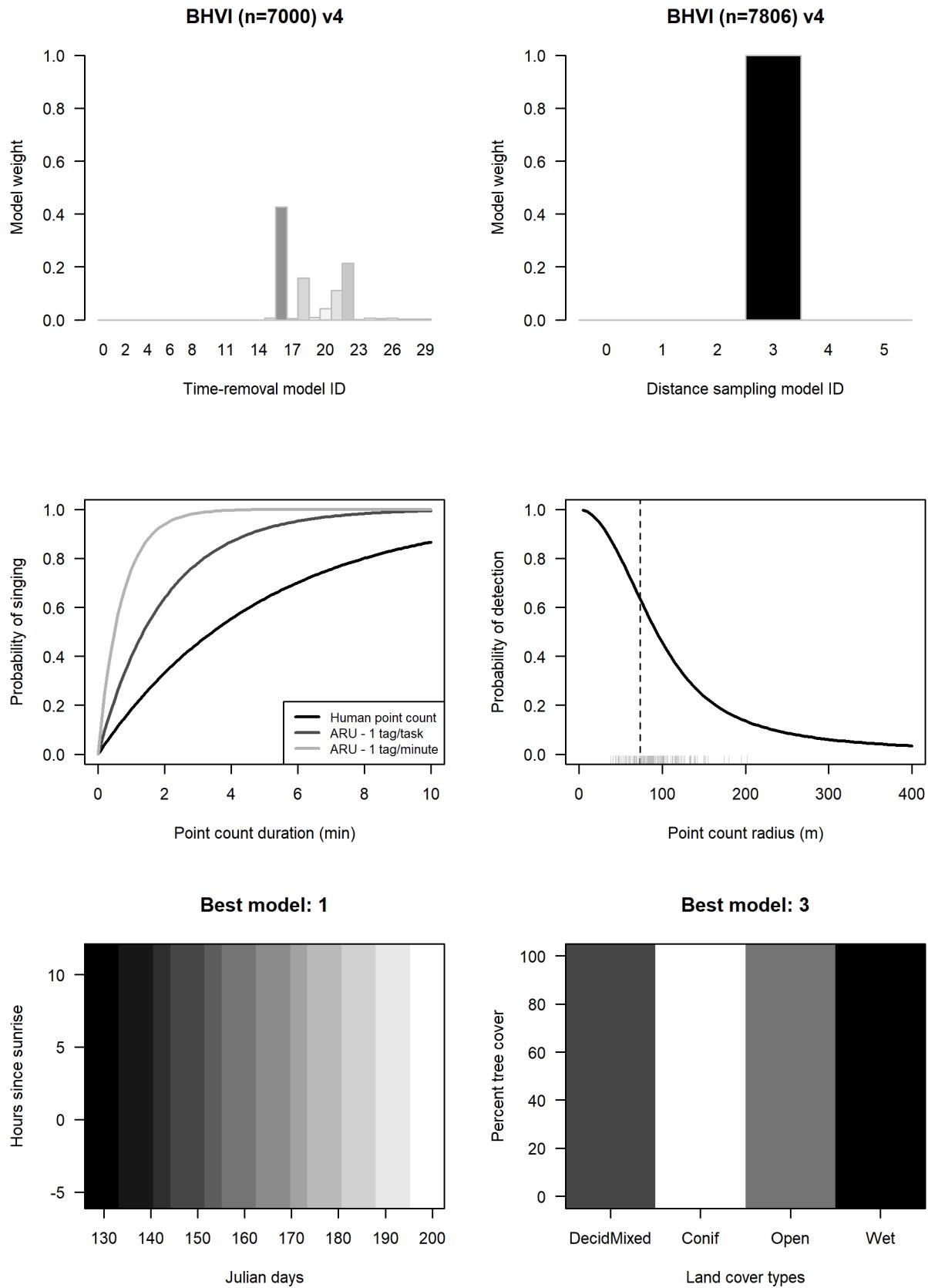


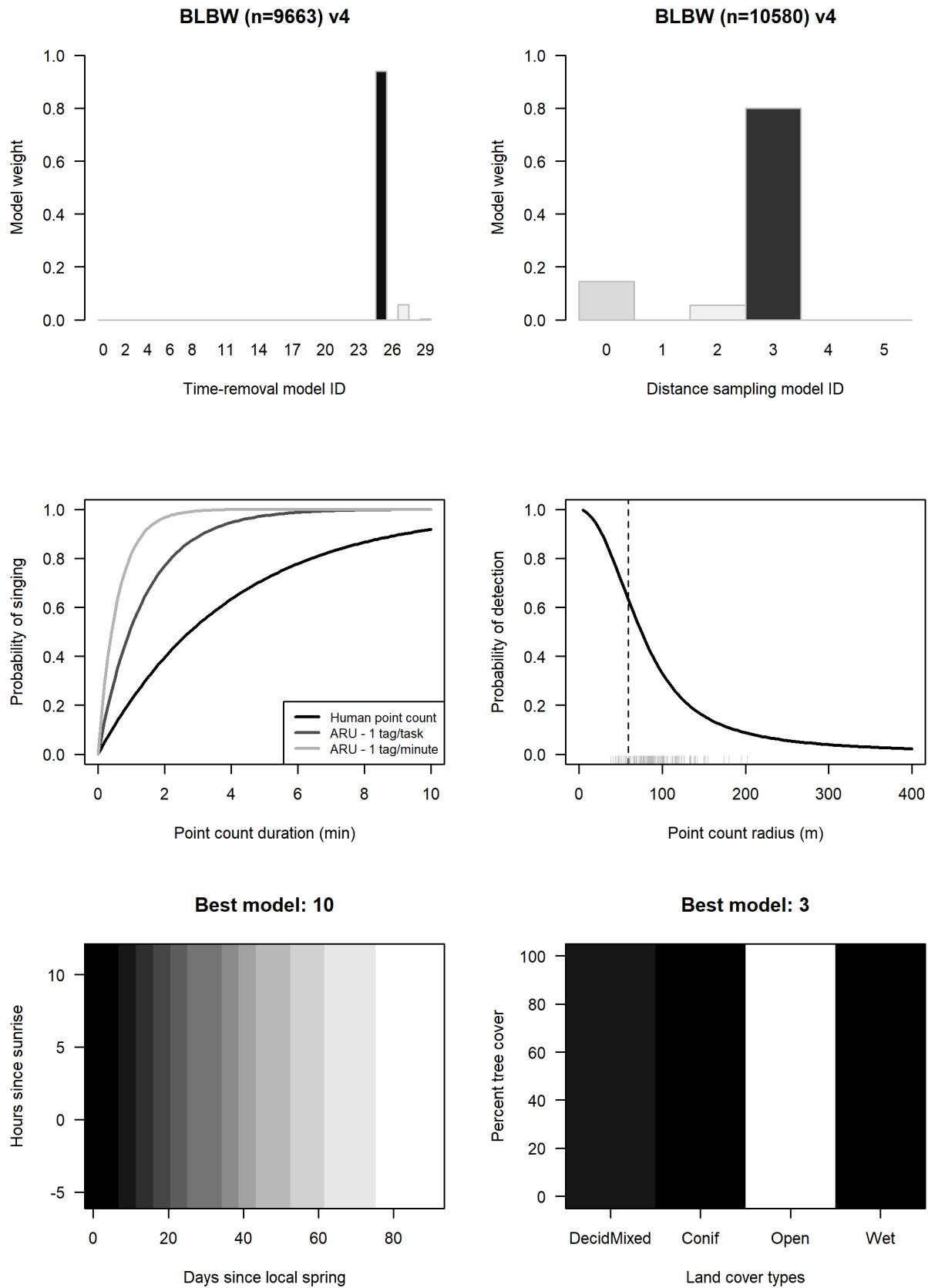


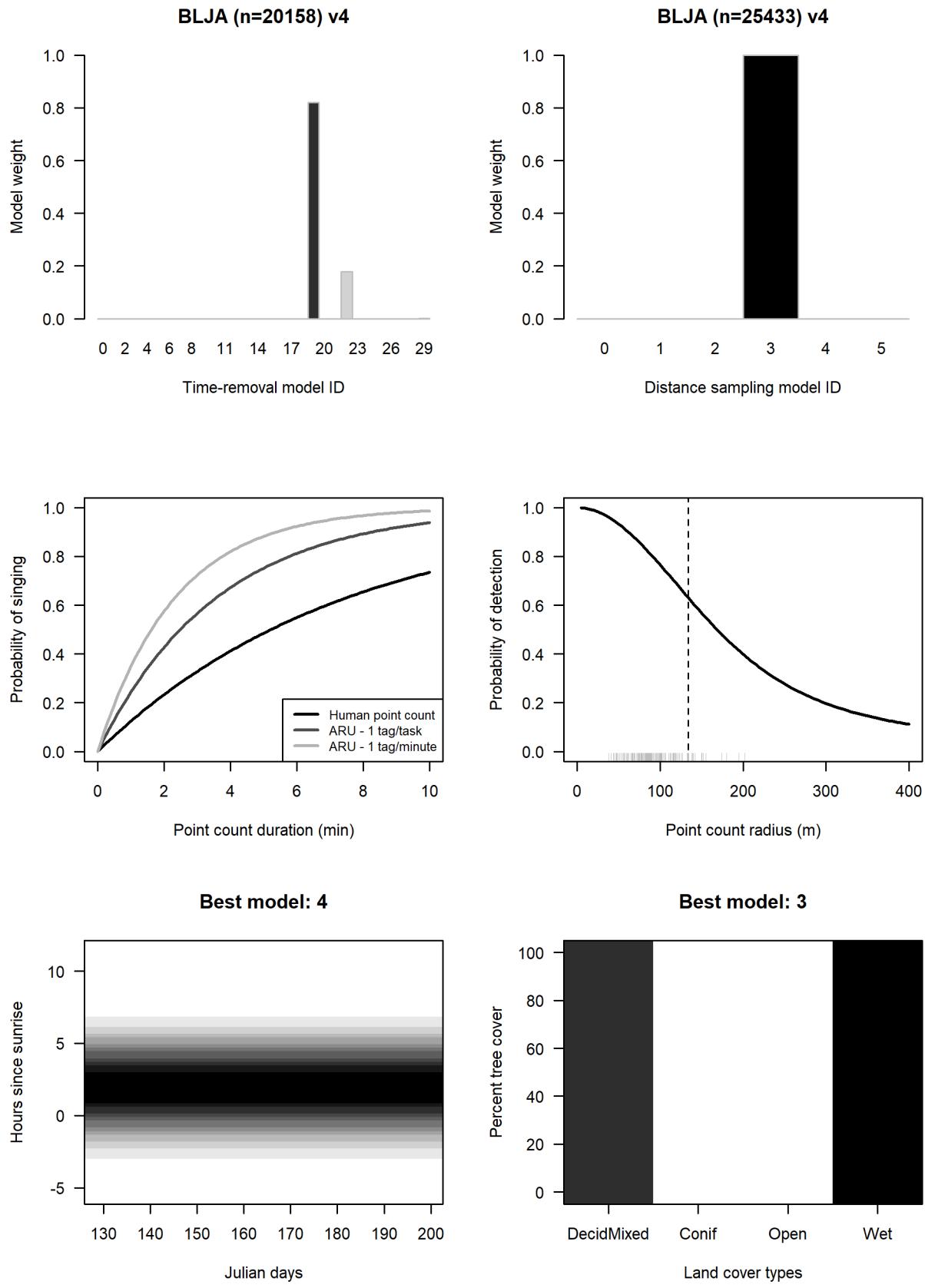


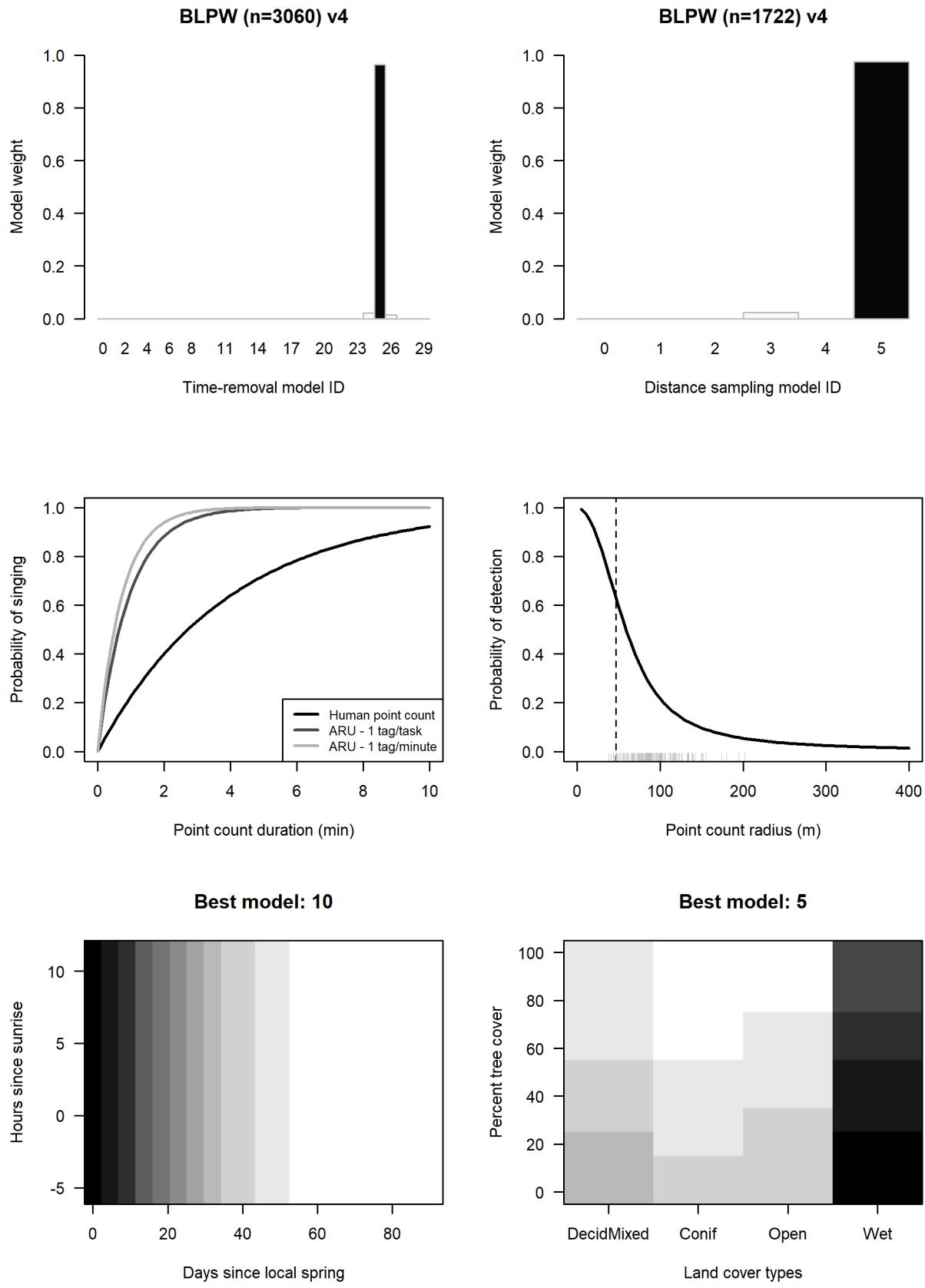


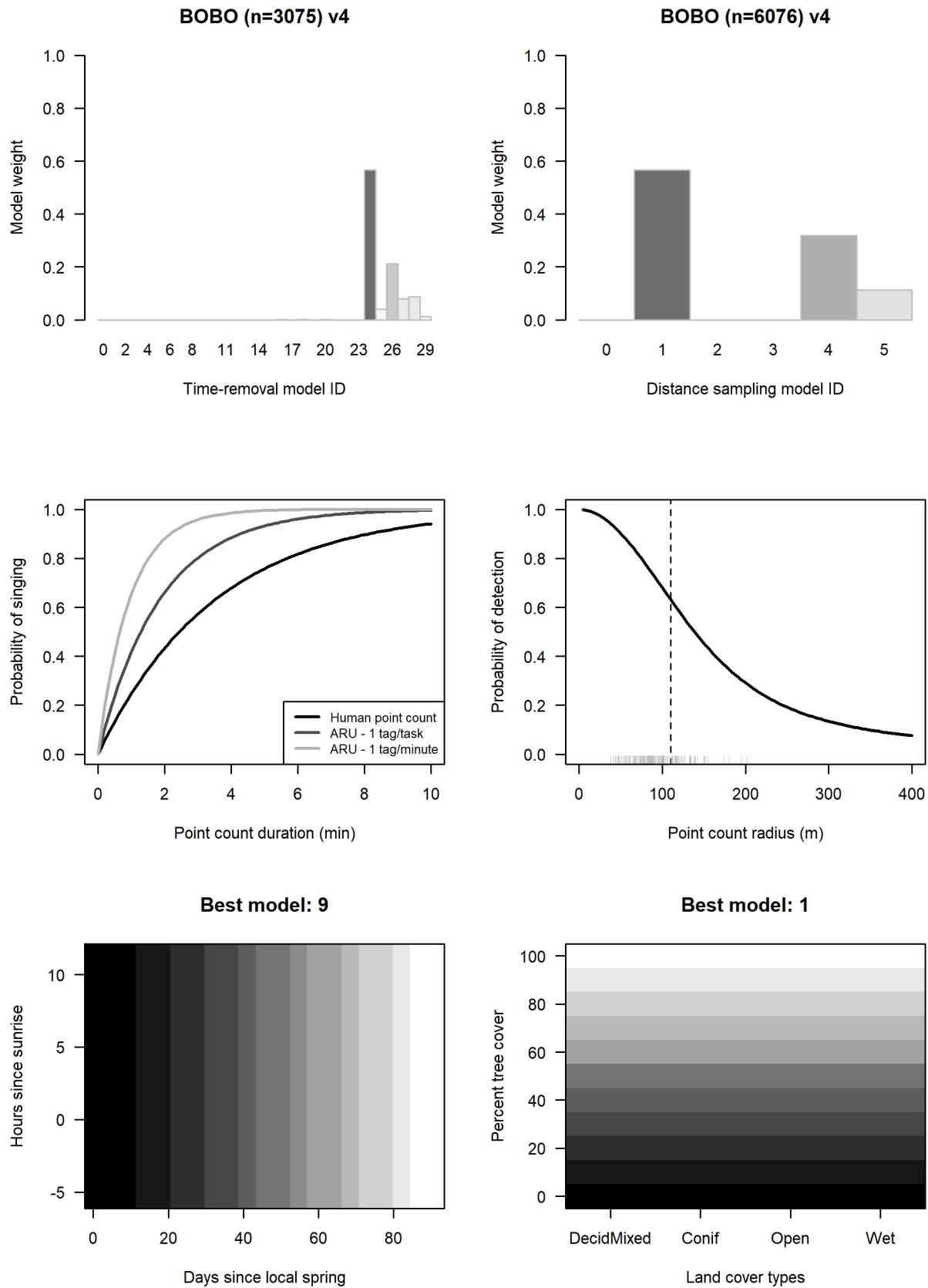


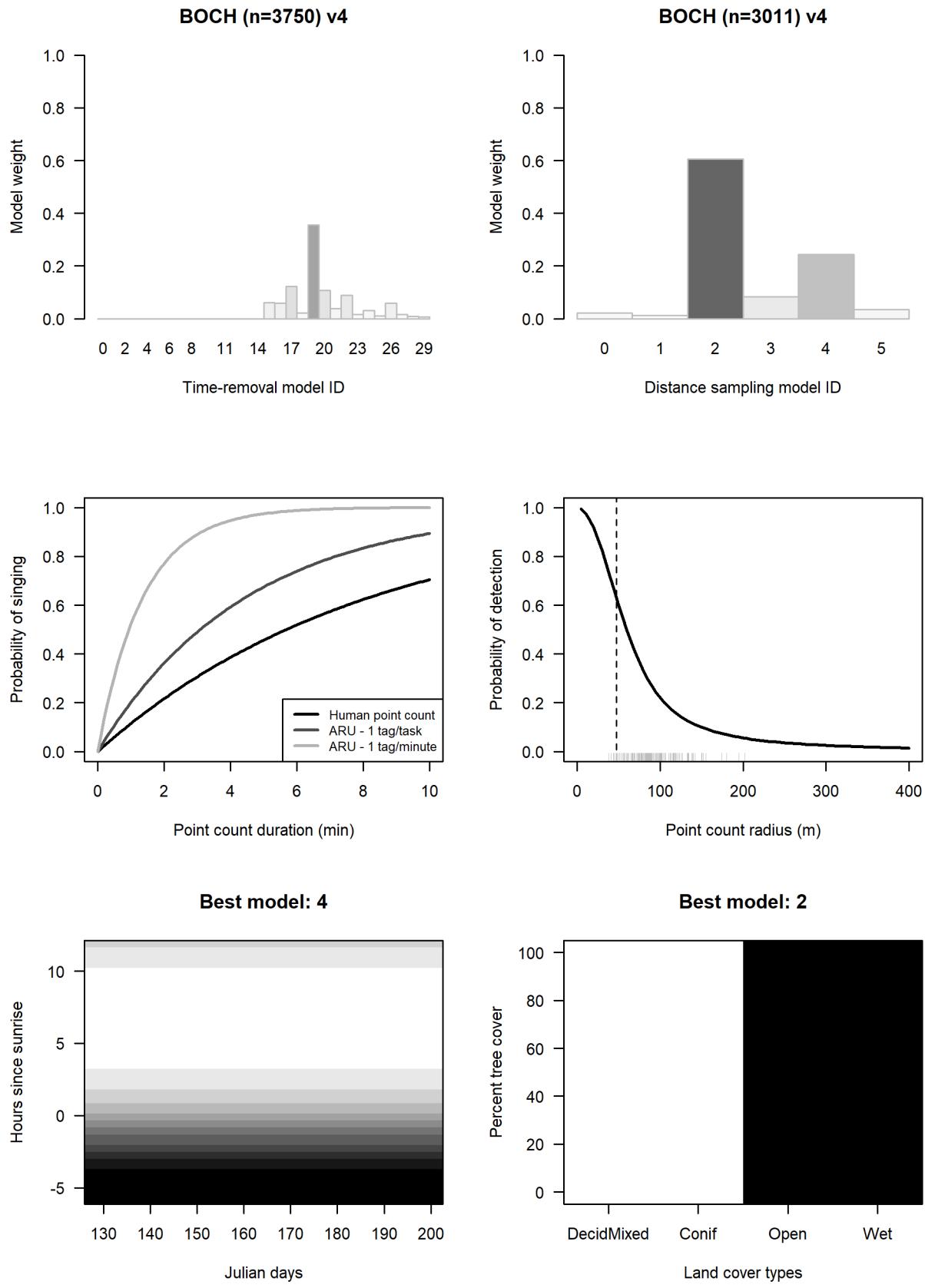


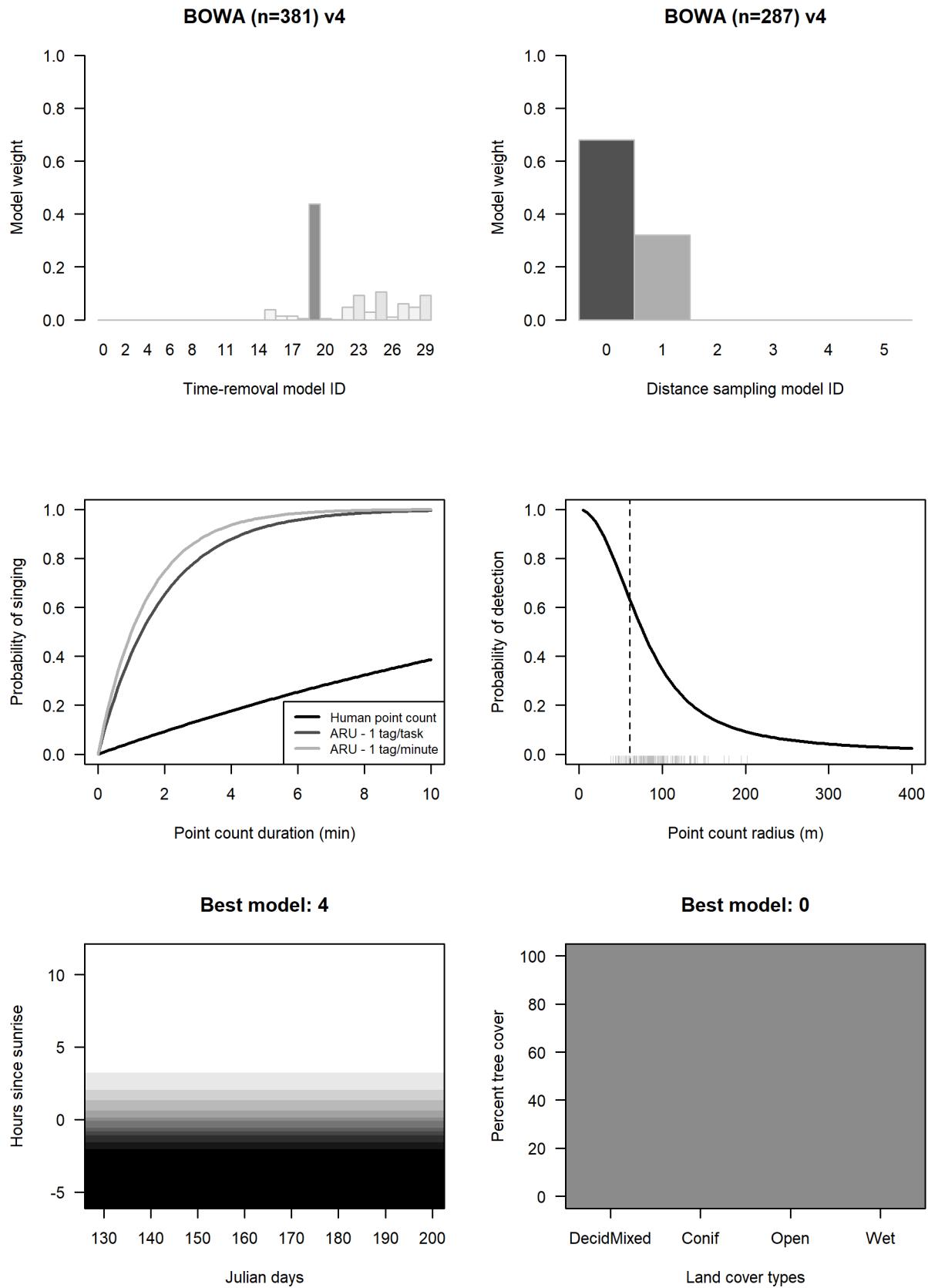


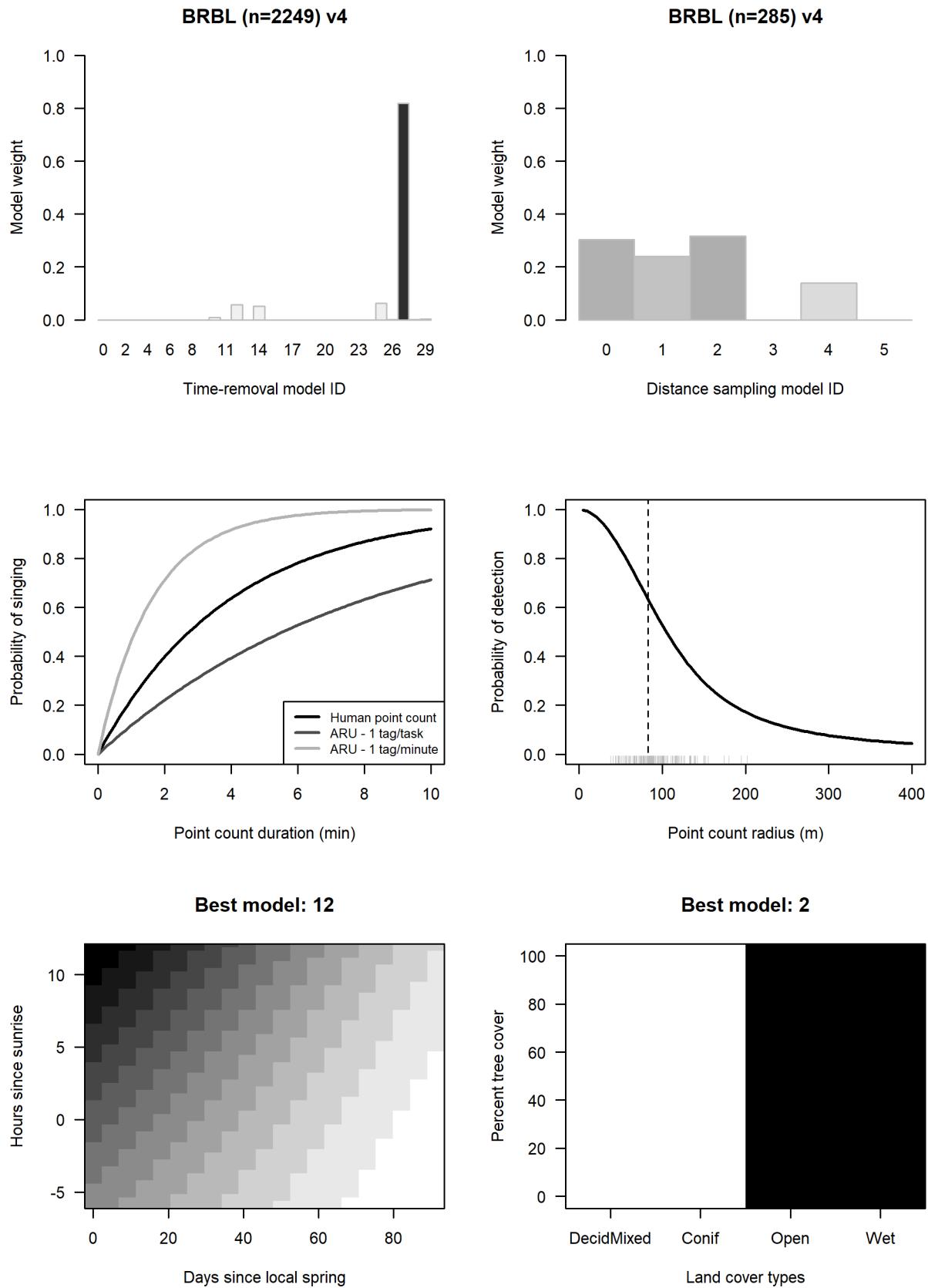


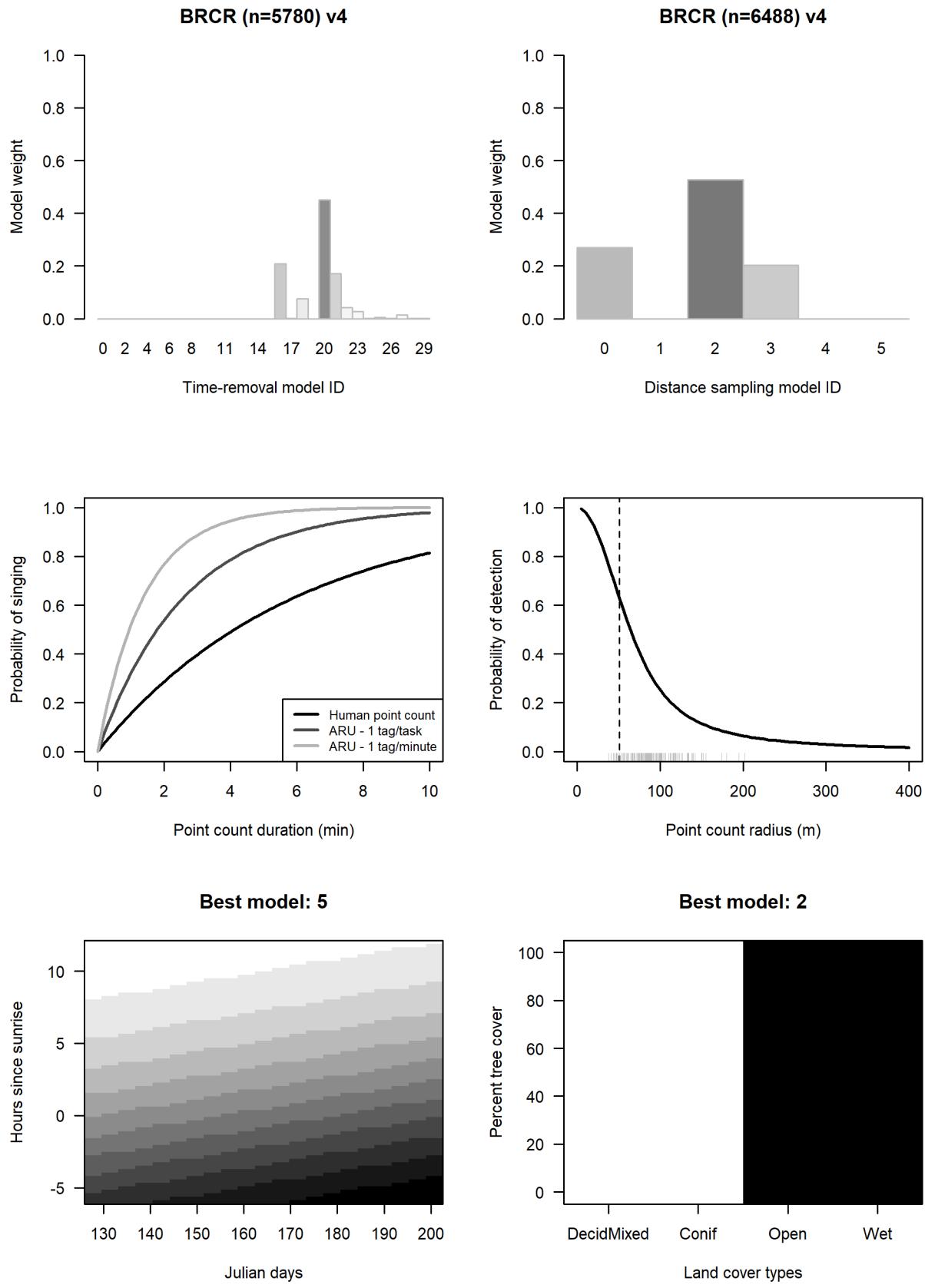


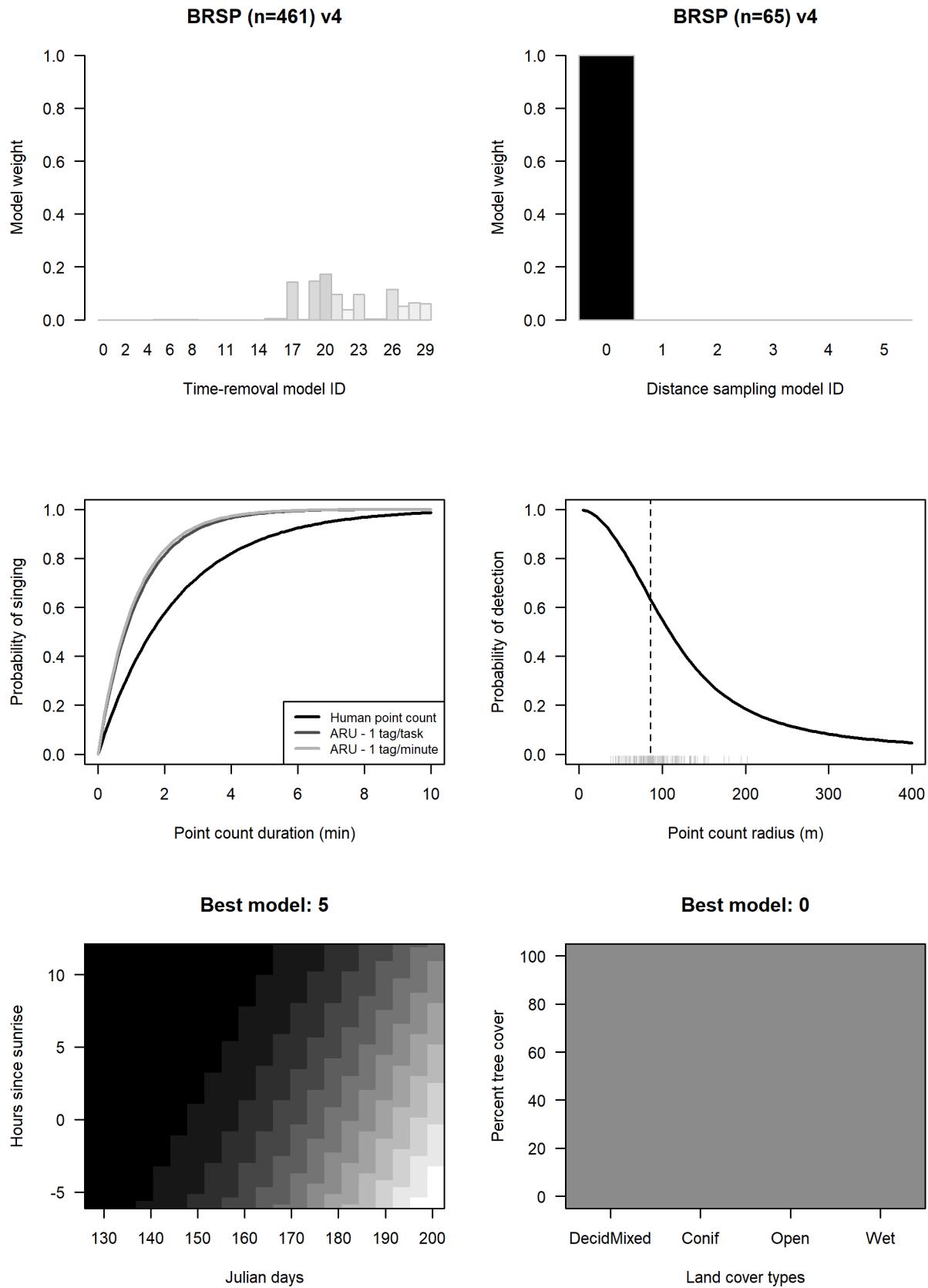


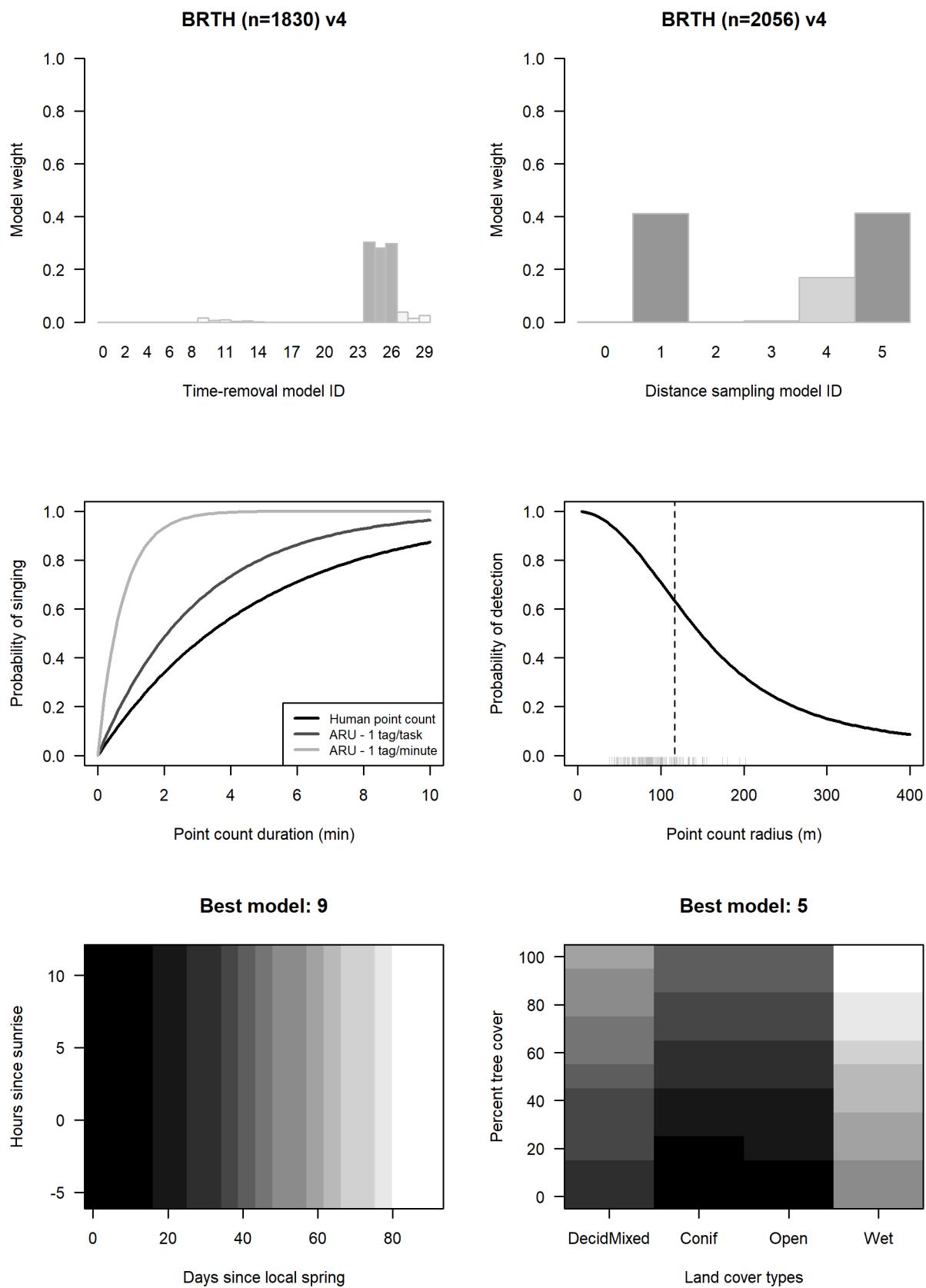


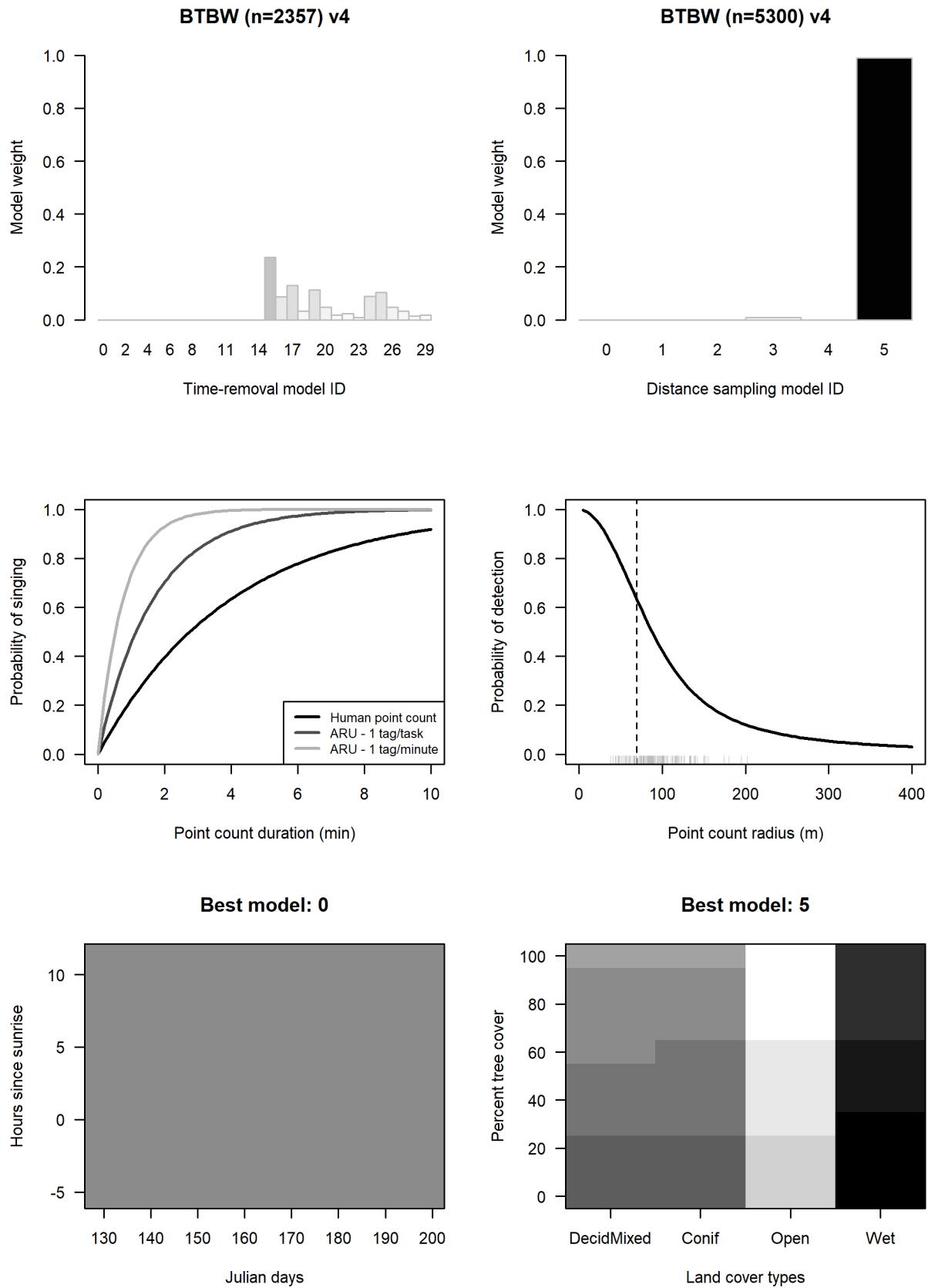


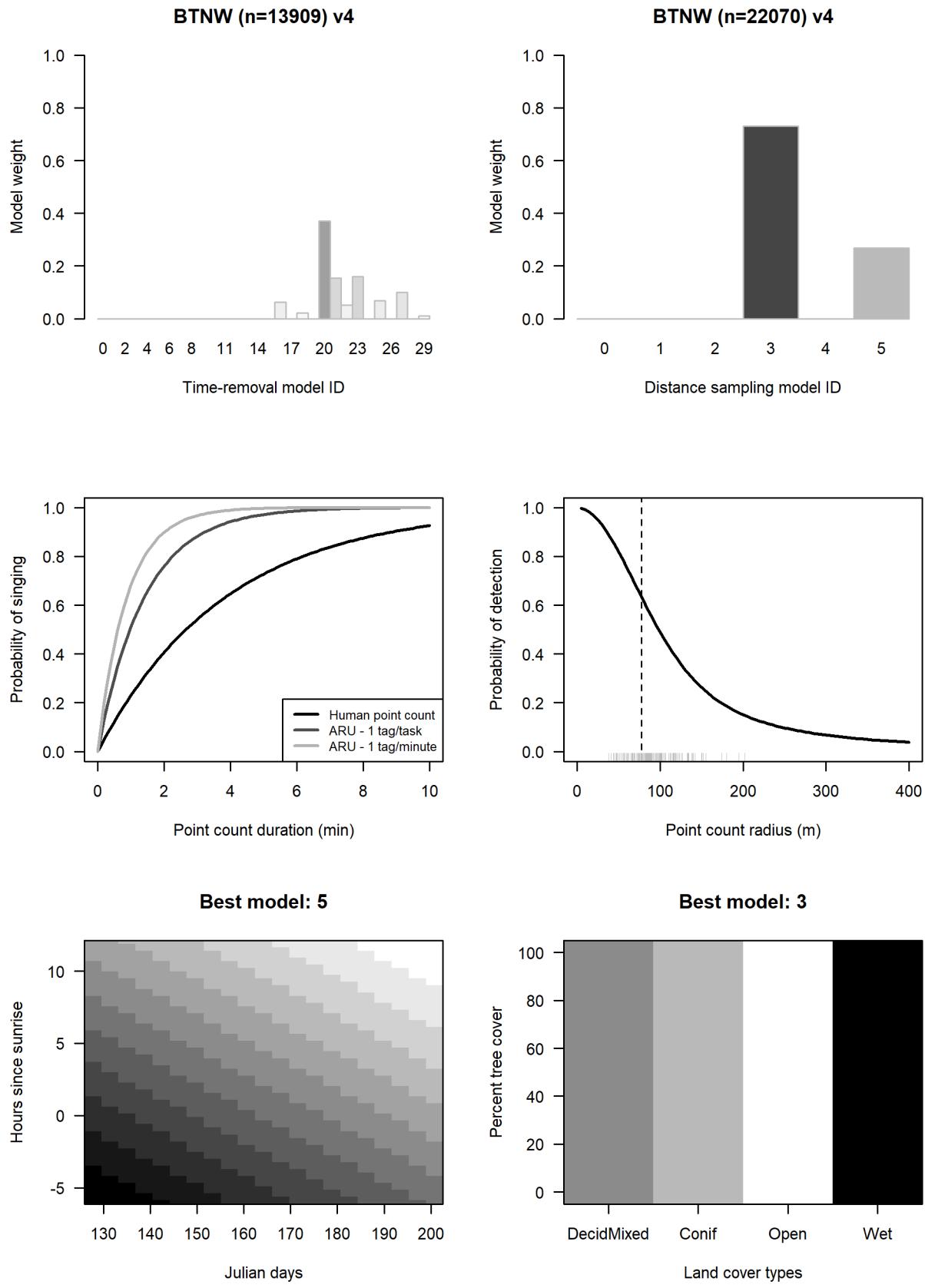


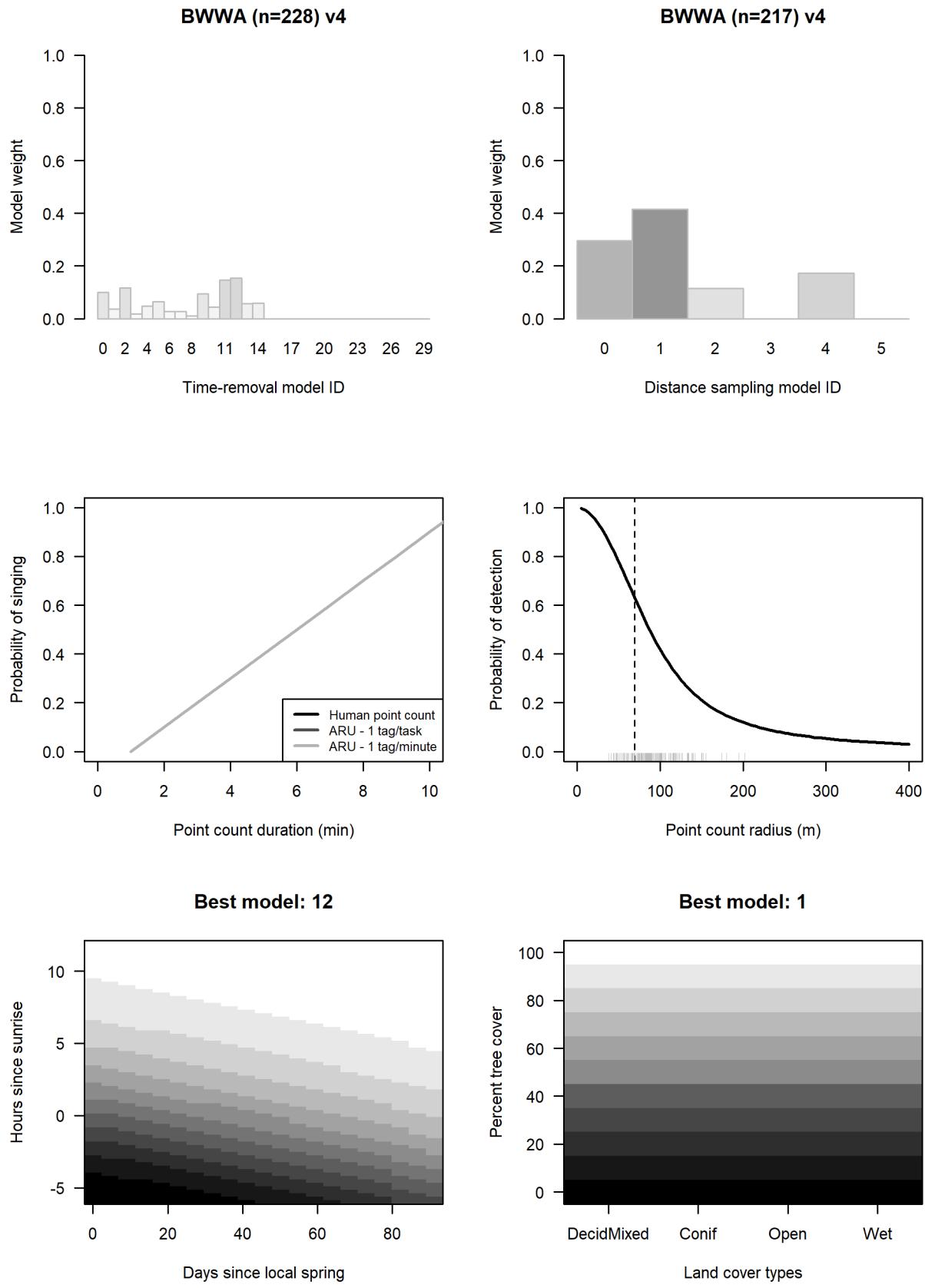


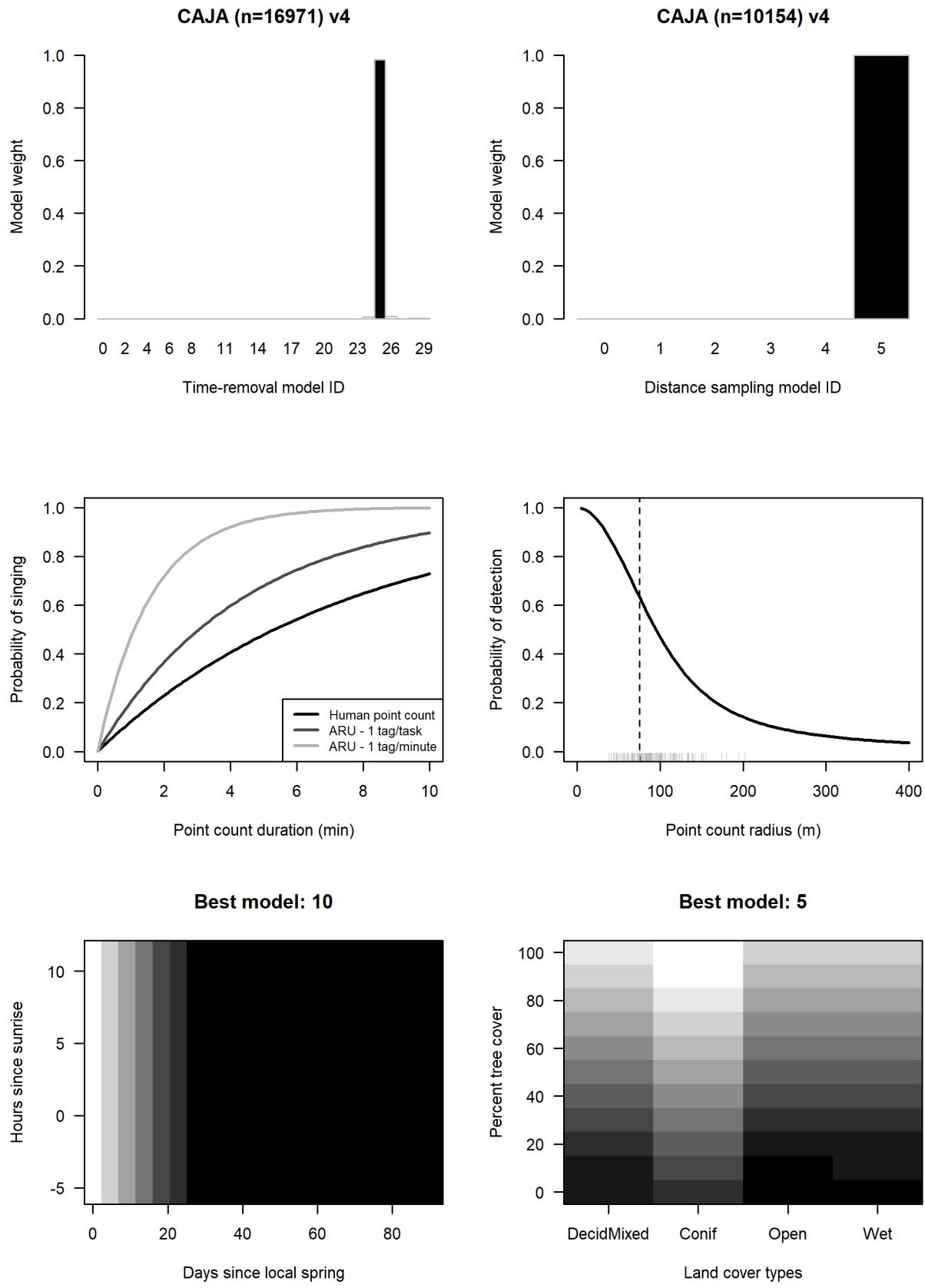




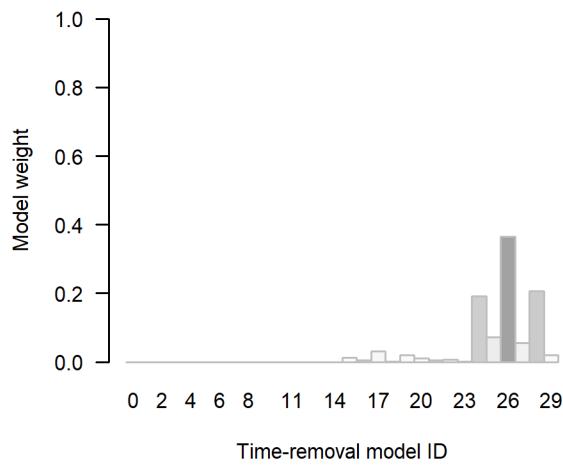




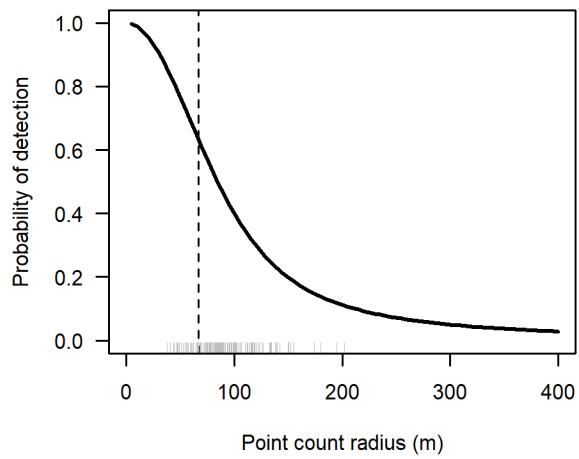
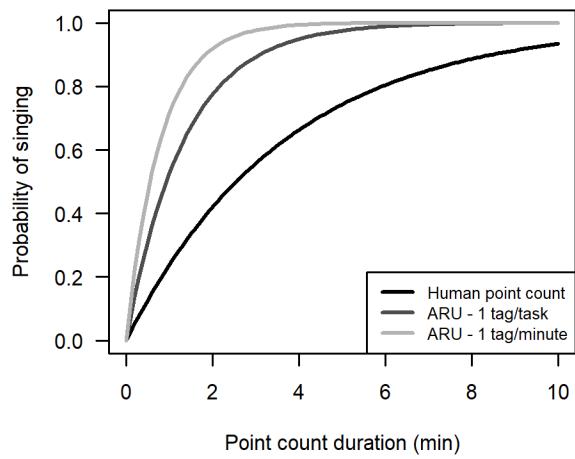
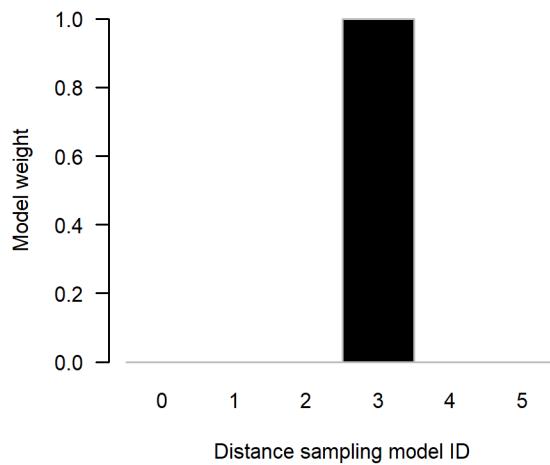




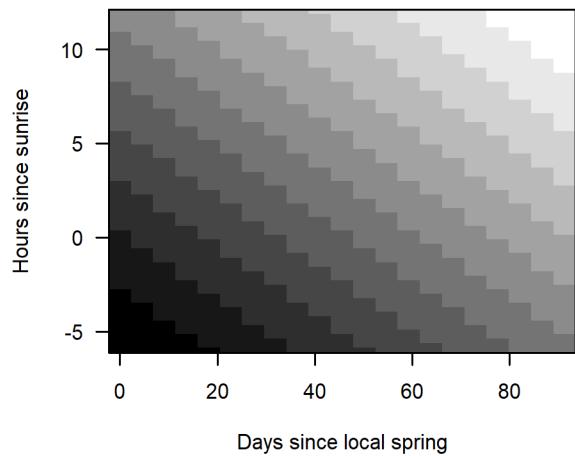
CAWA (n=6185) v4



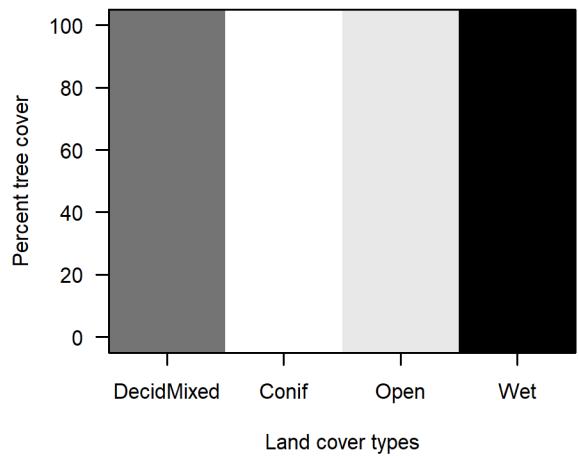
CAWA (n=6759) v4

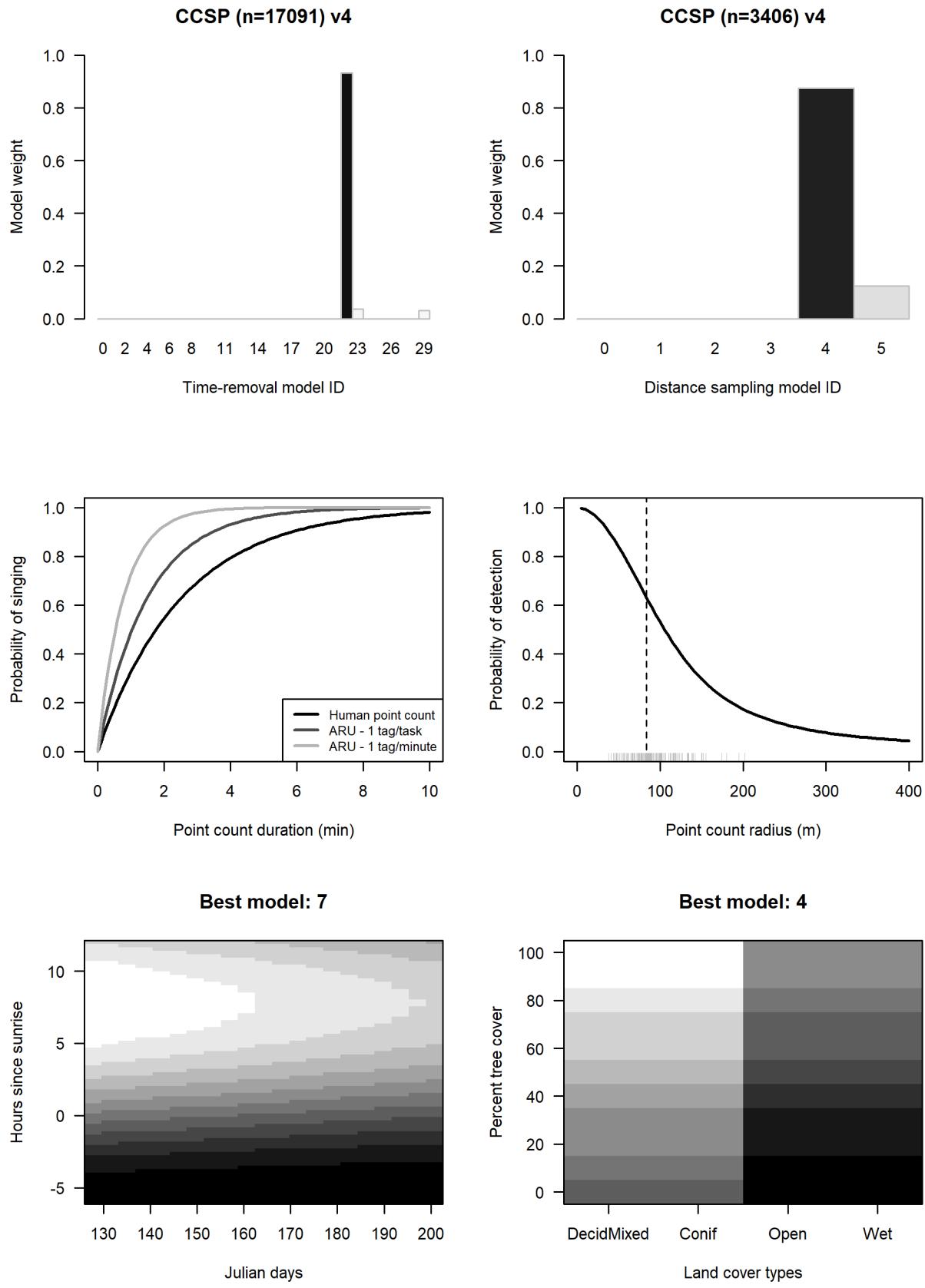


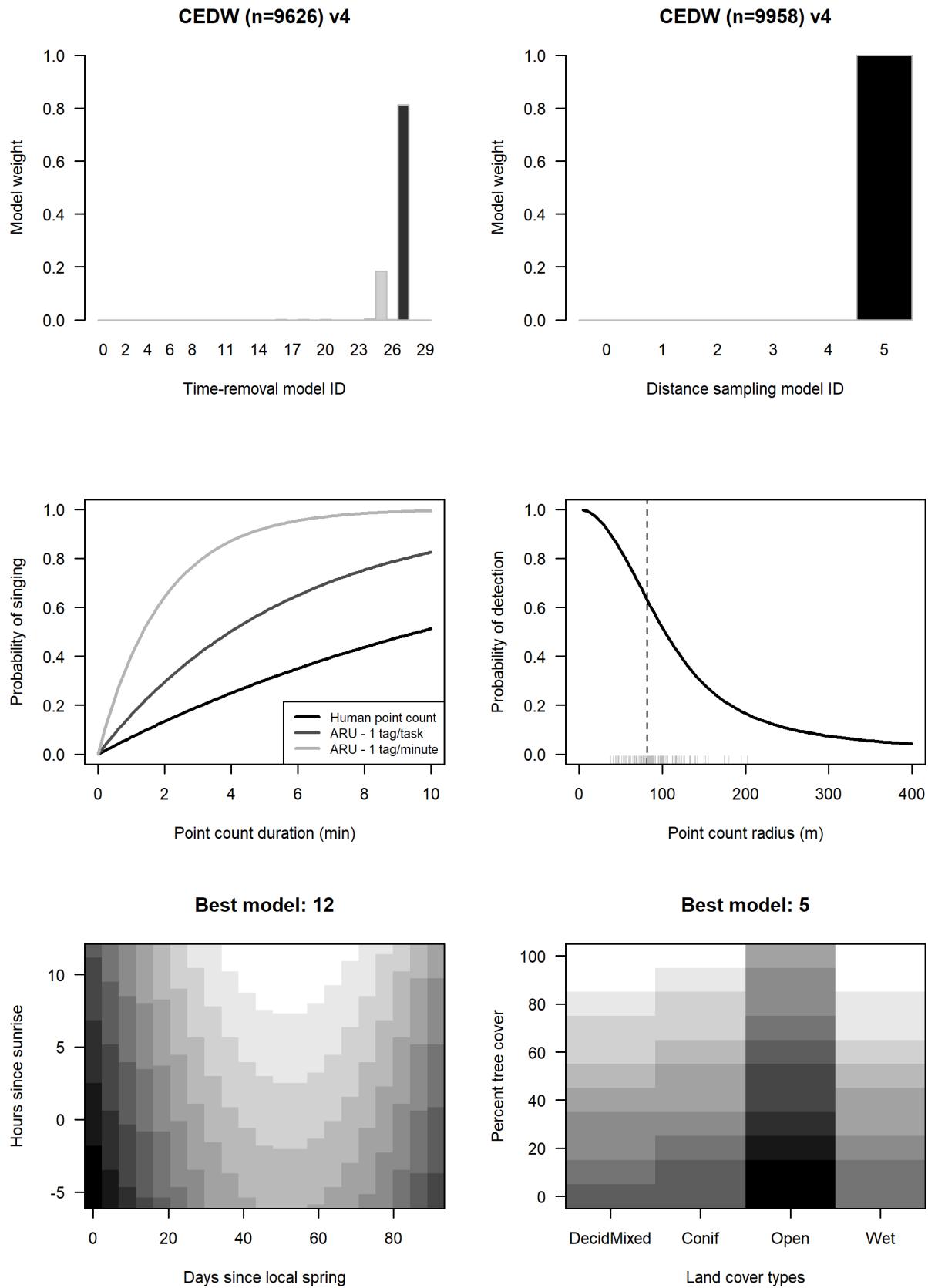
Best model: 11

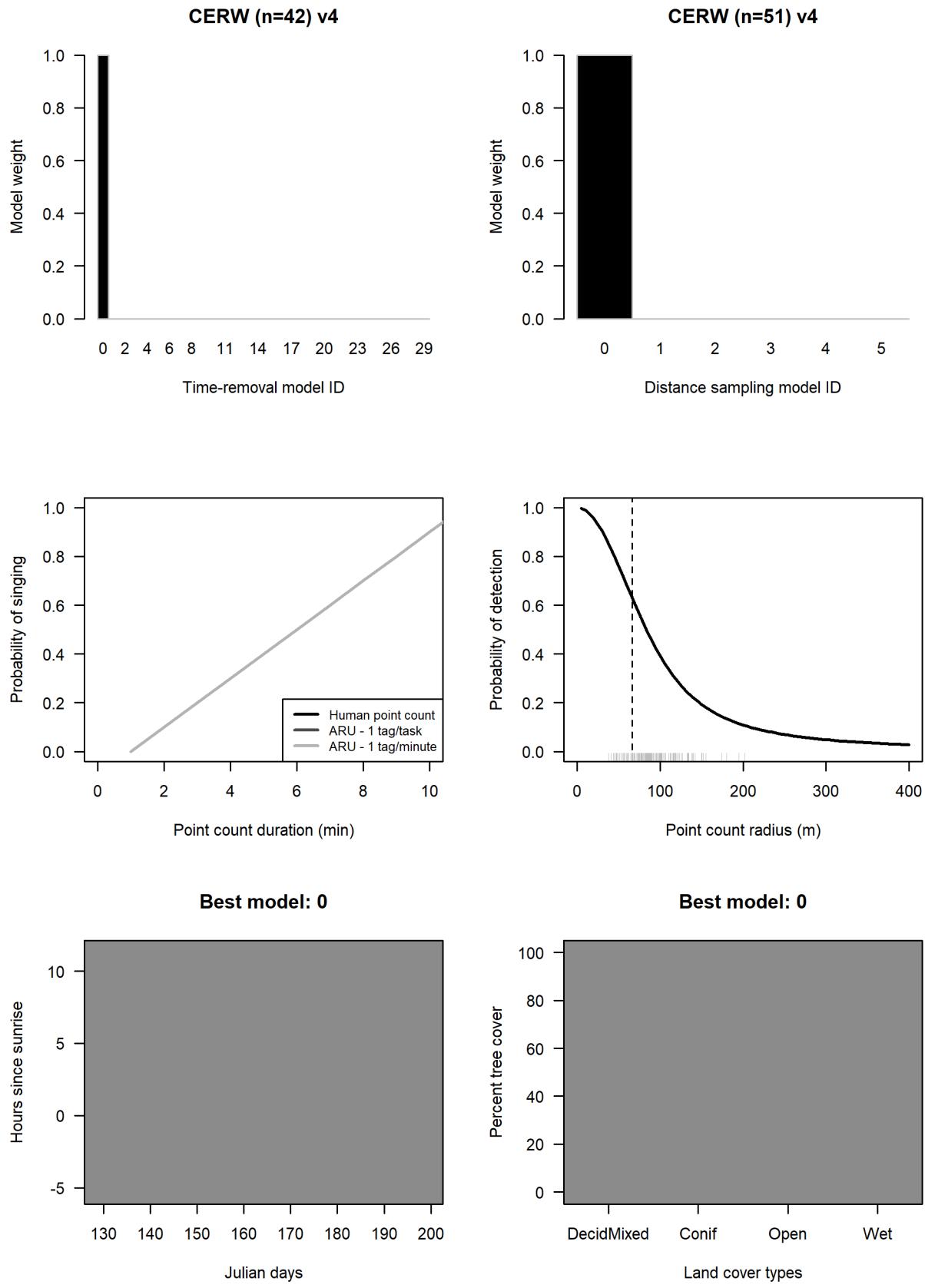


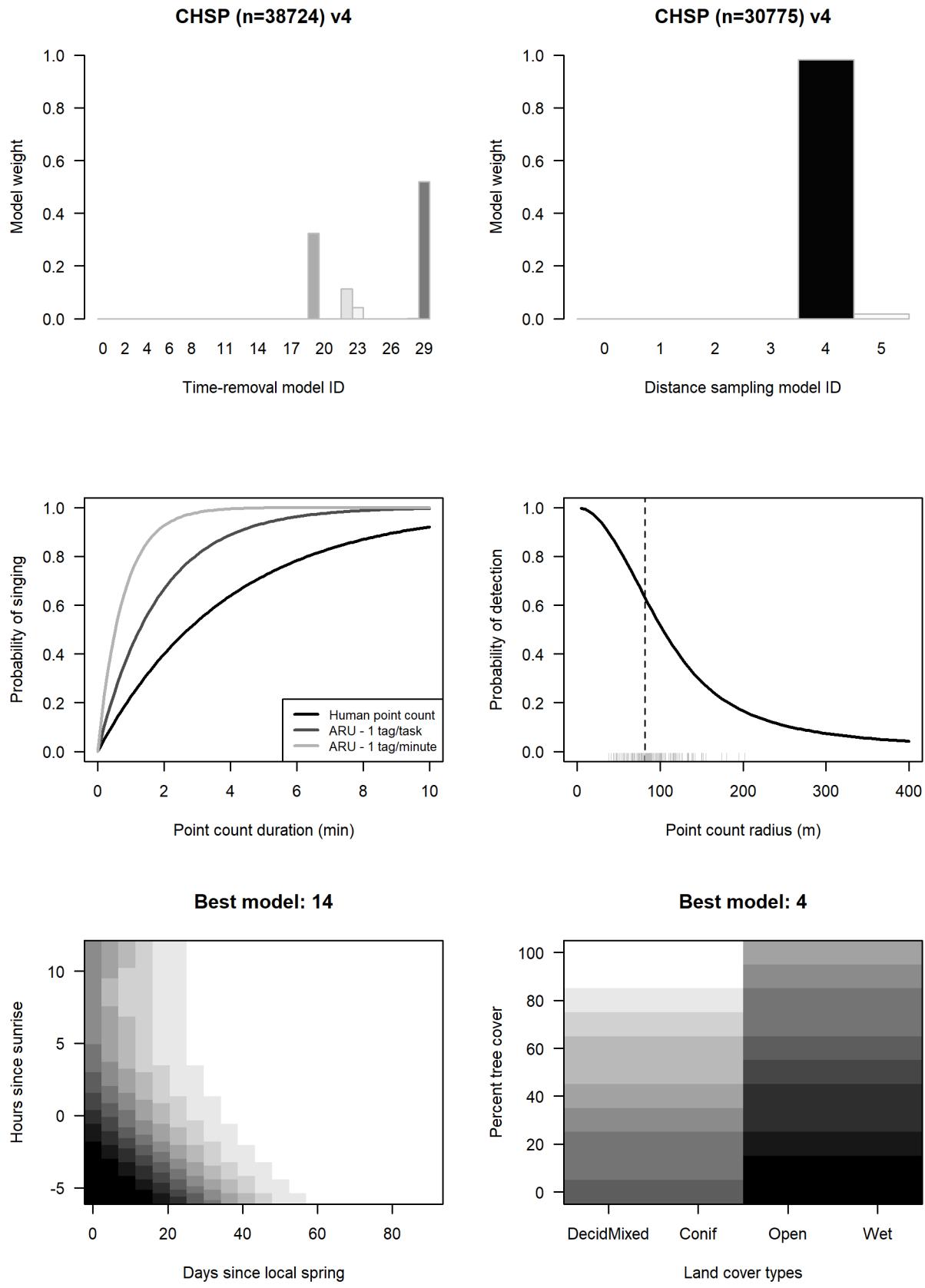
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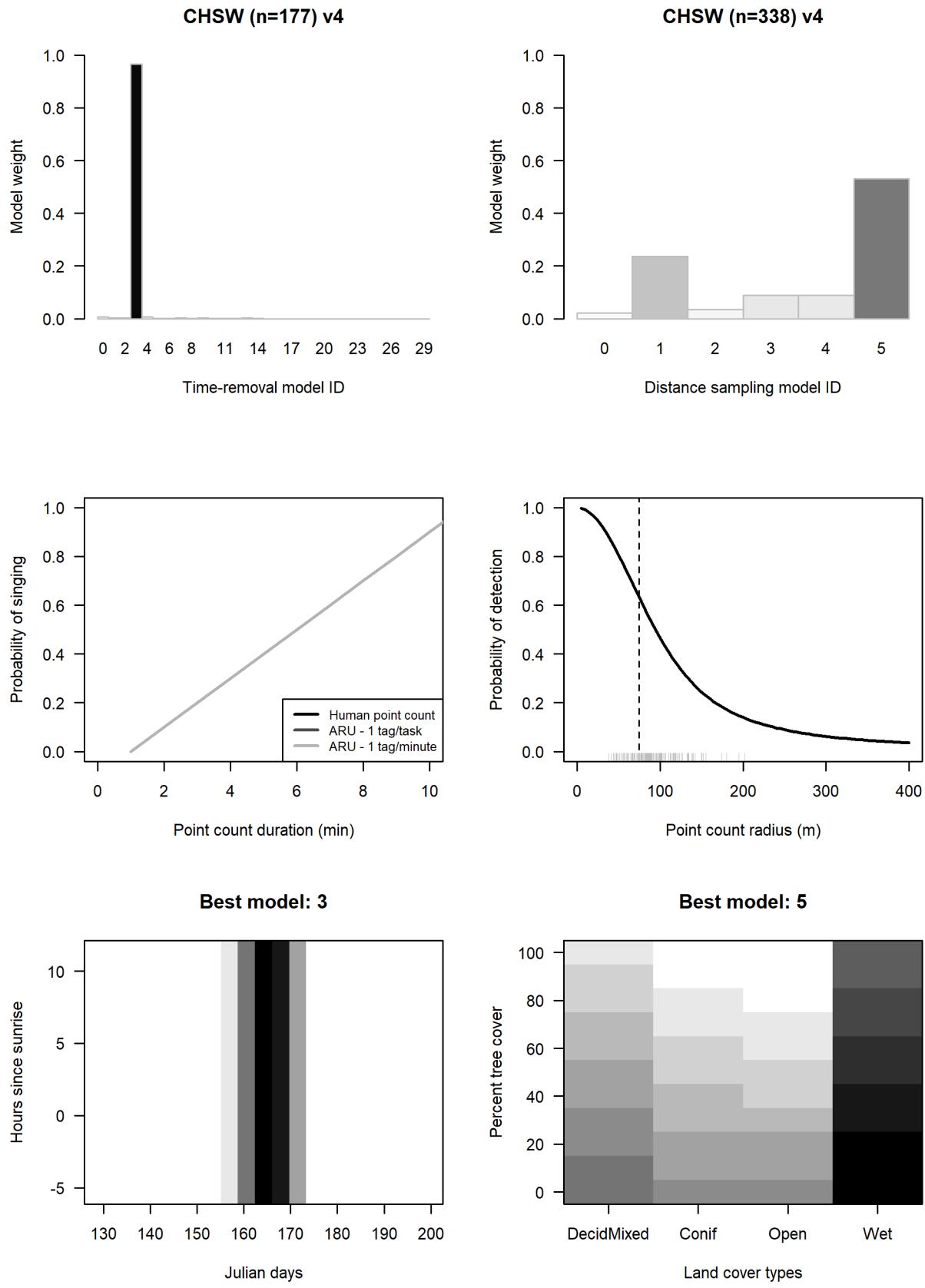


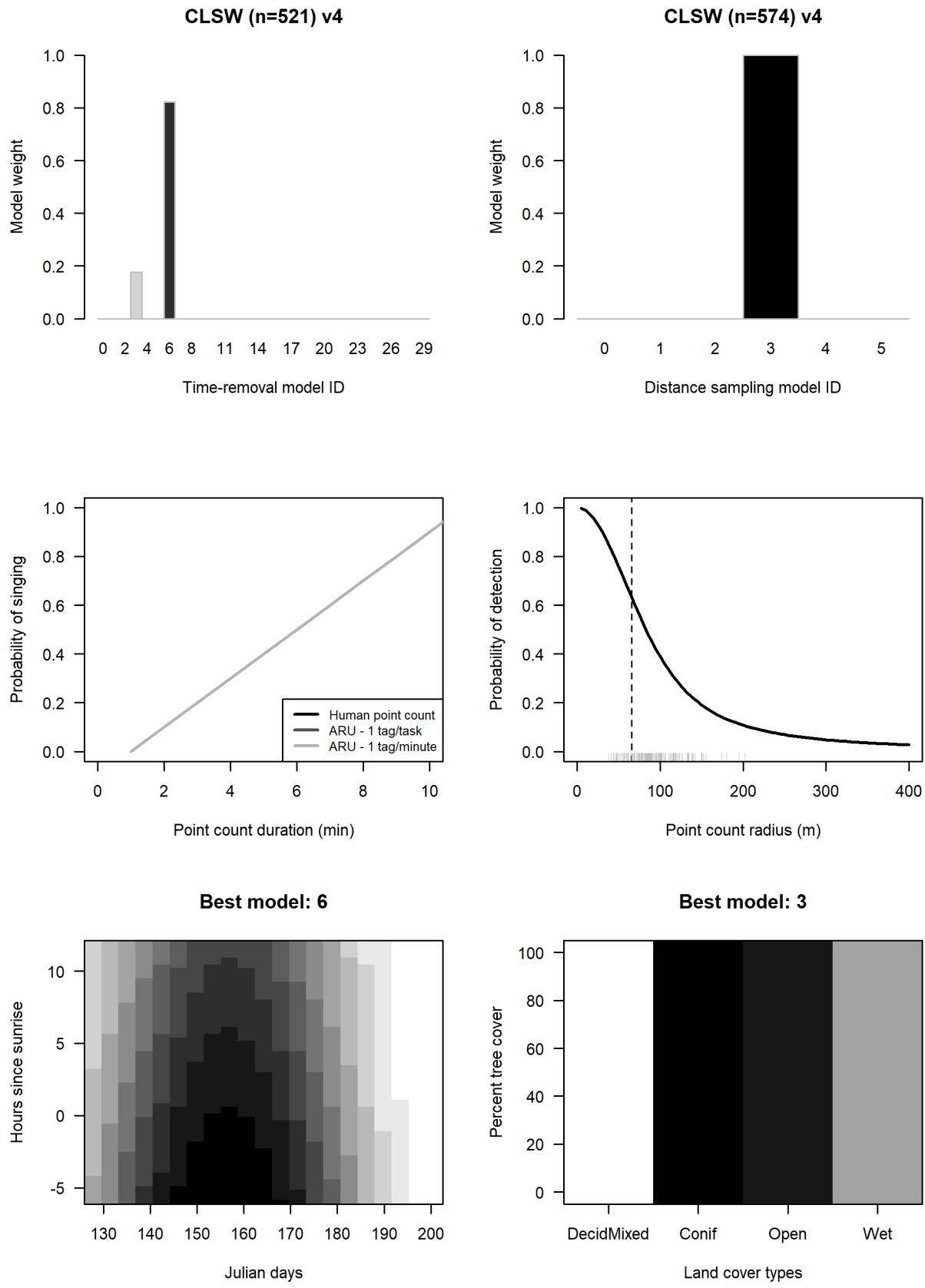


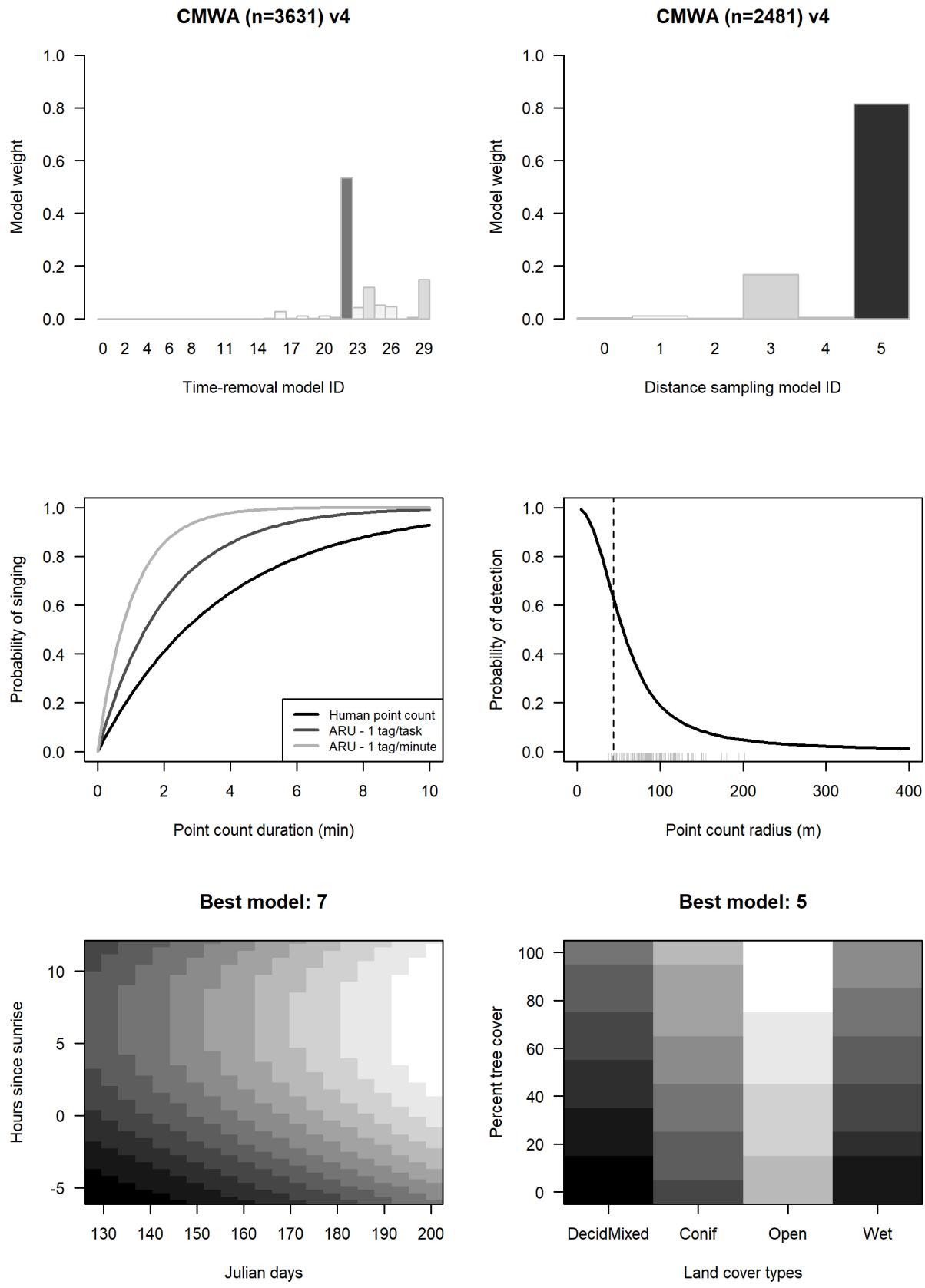


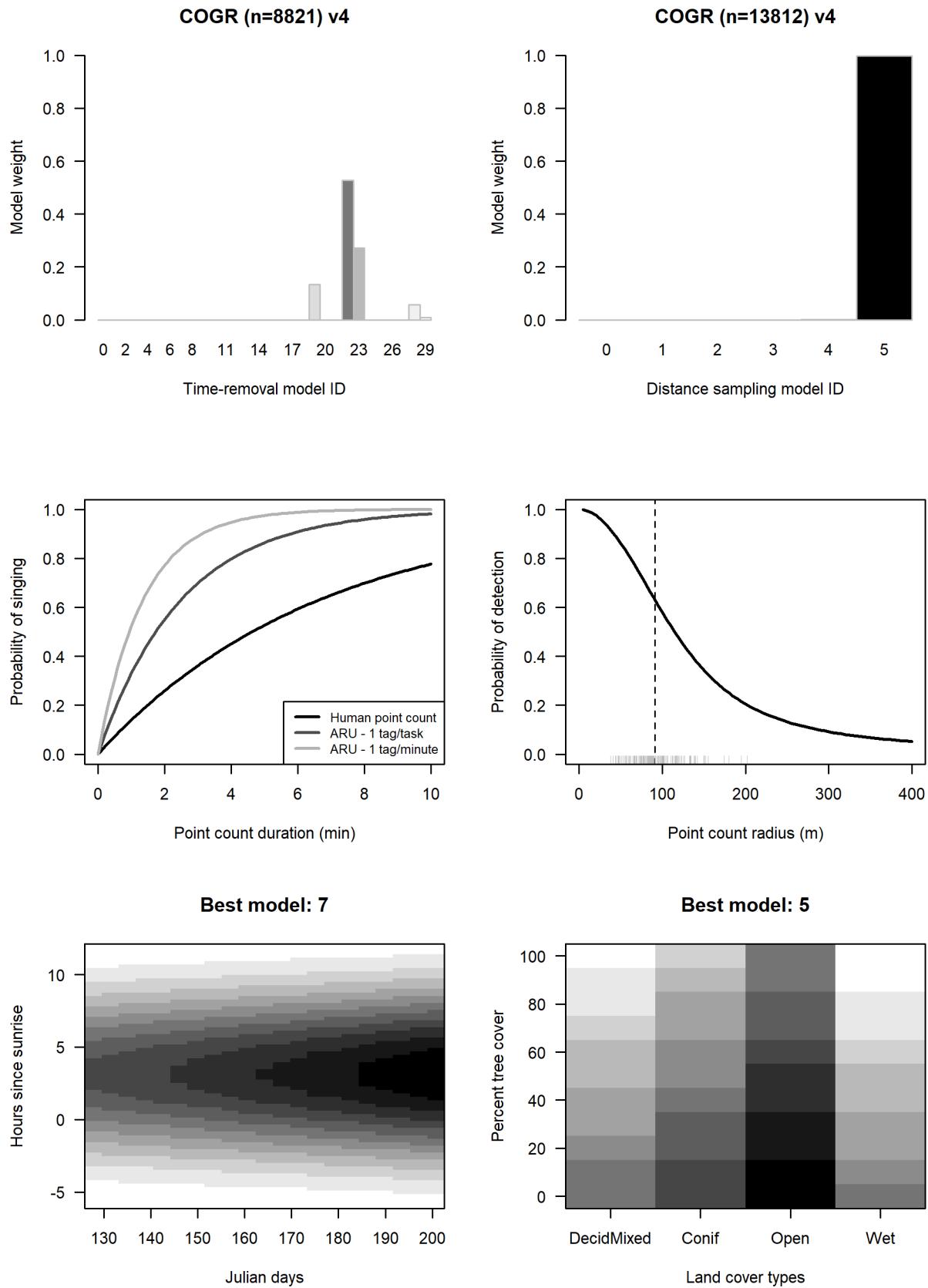


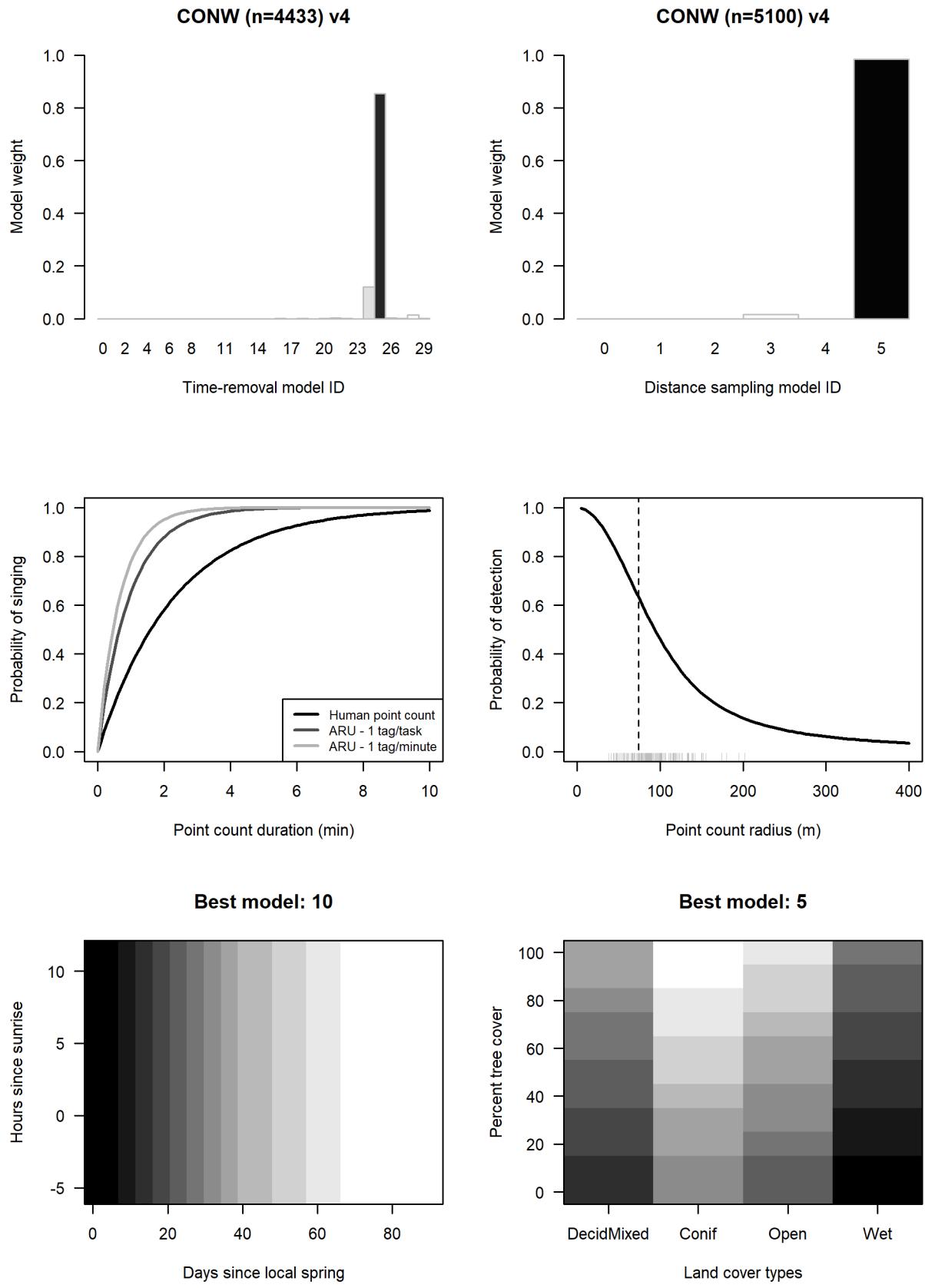


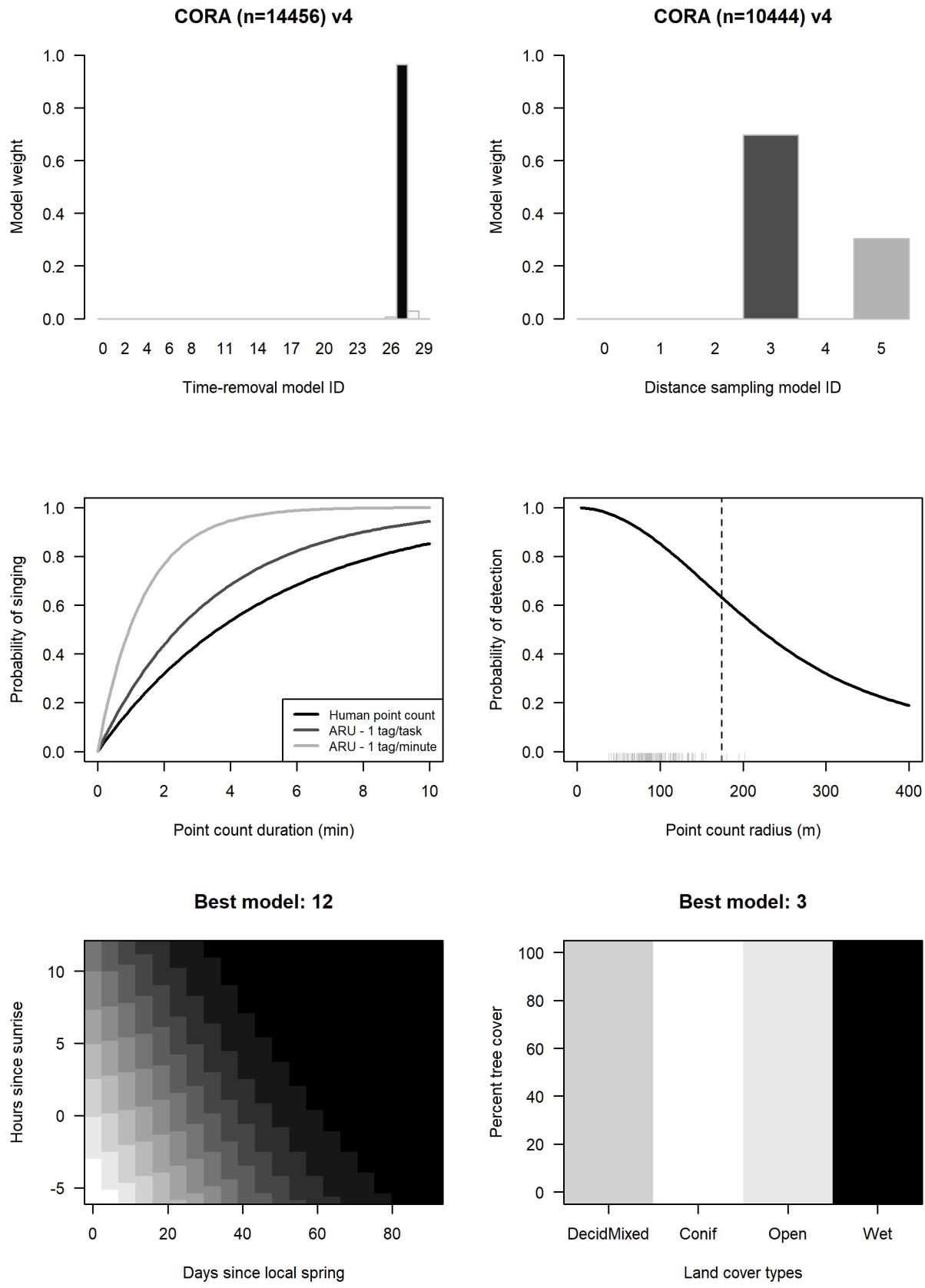


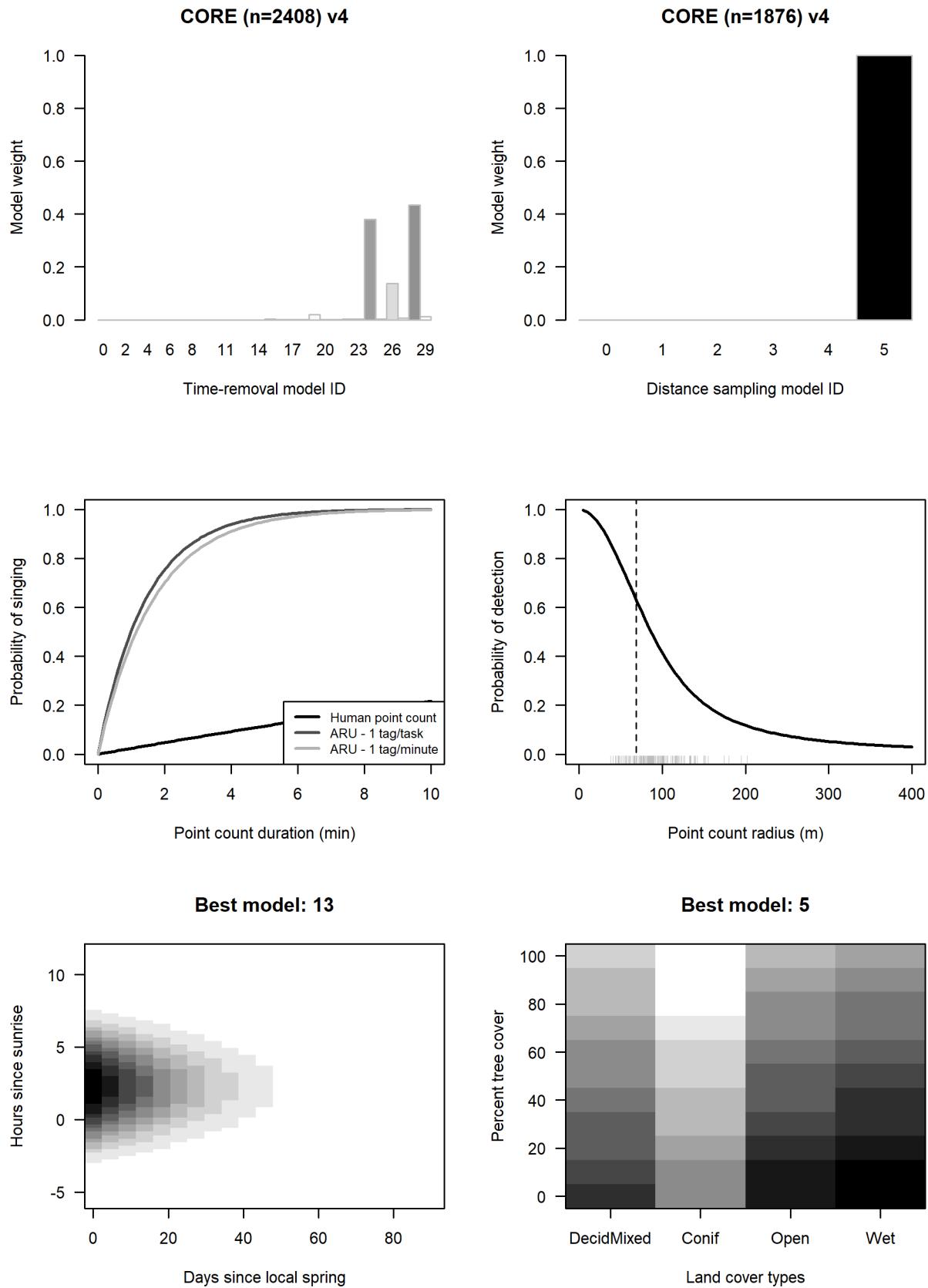


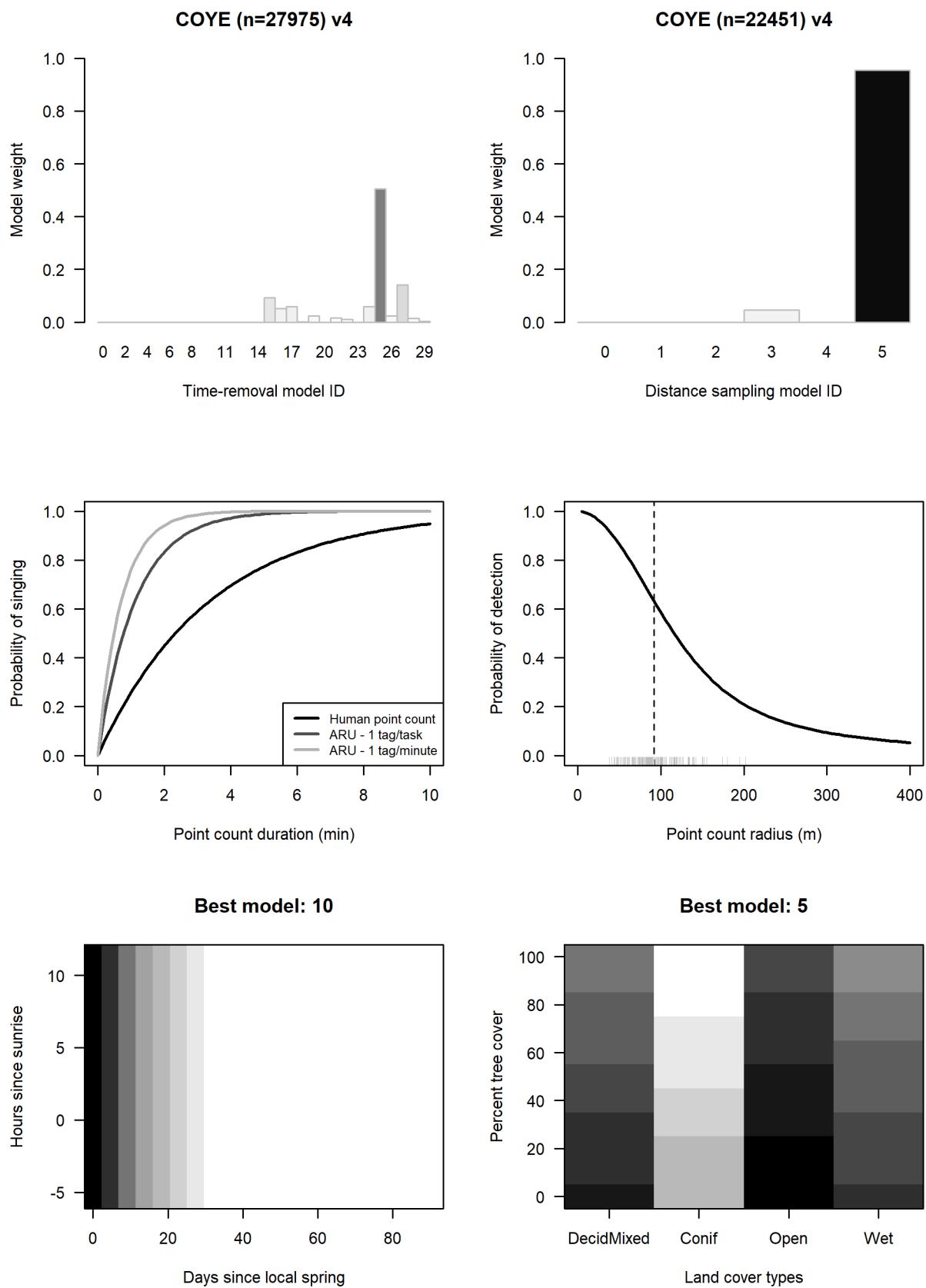


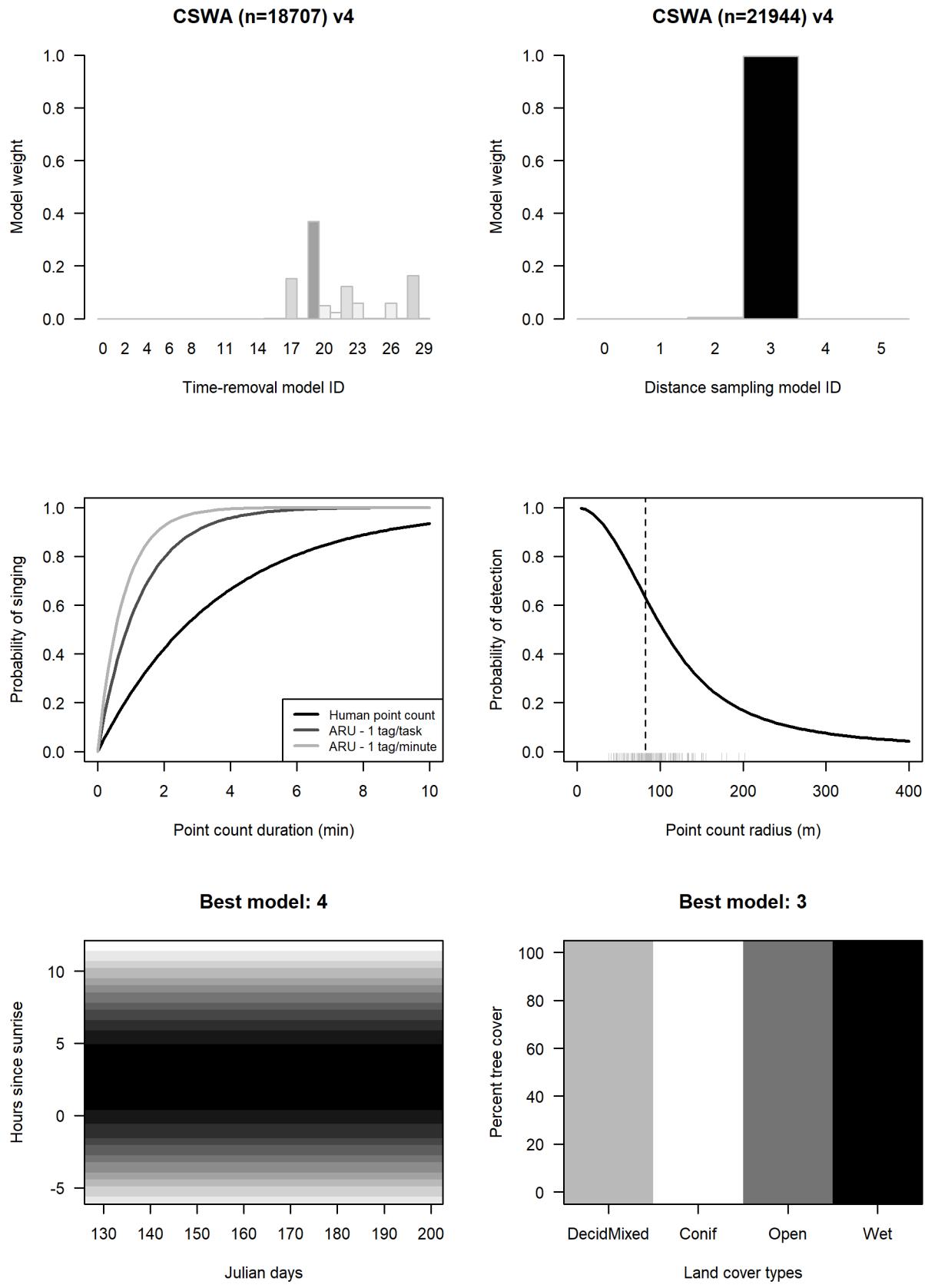


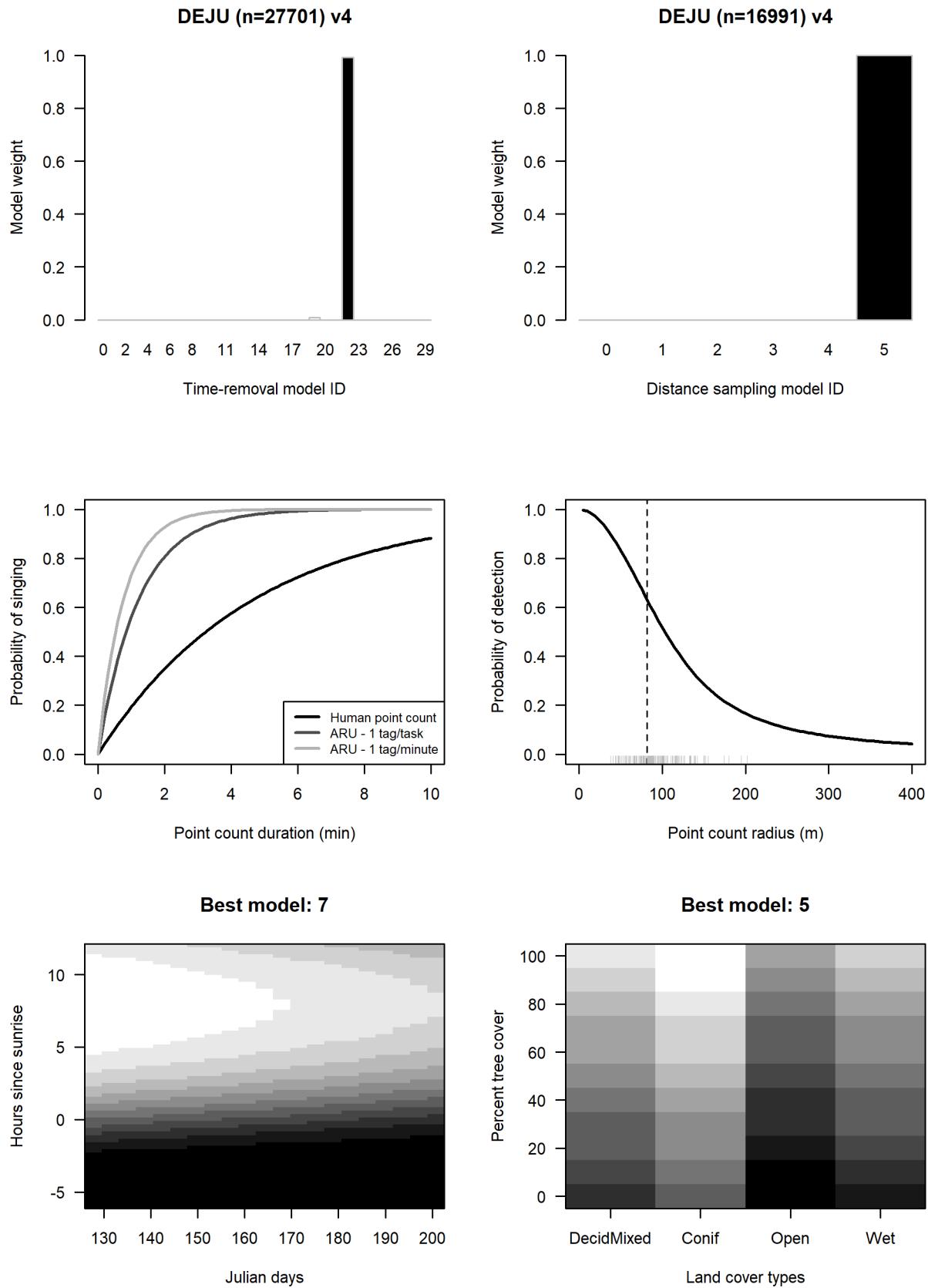


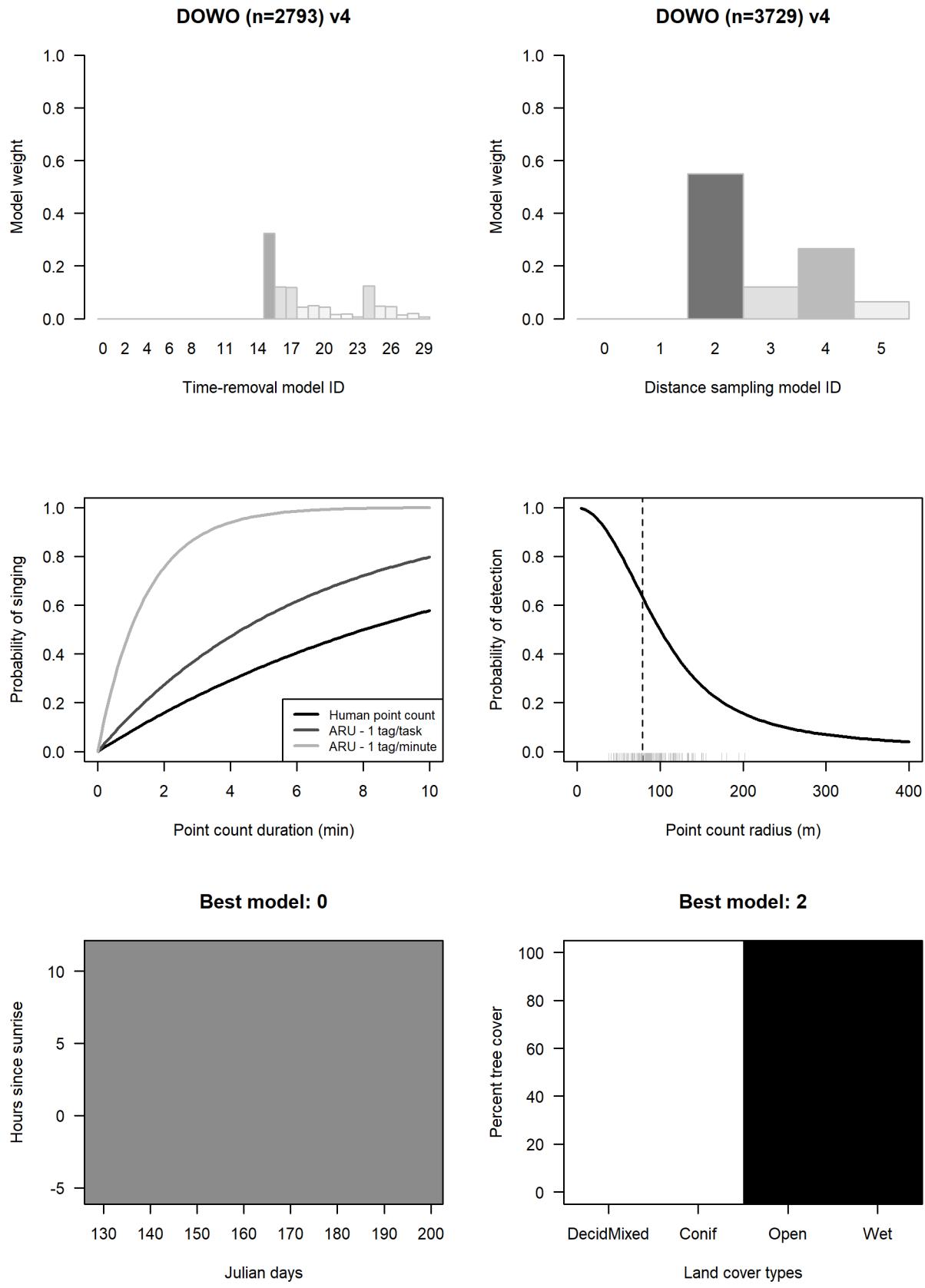


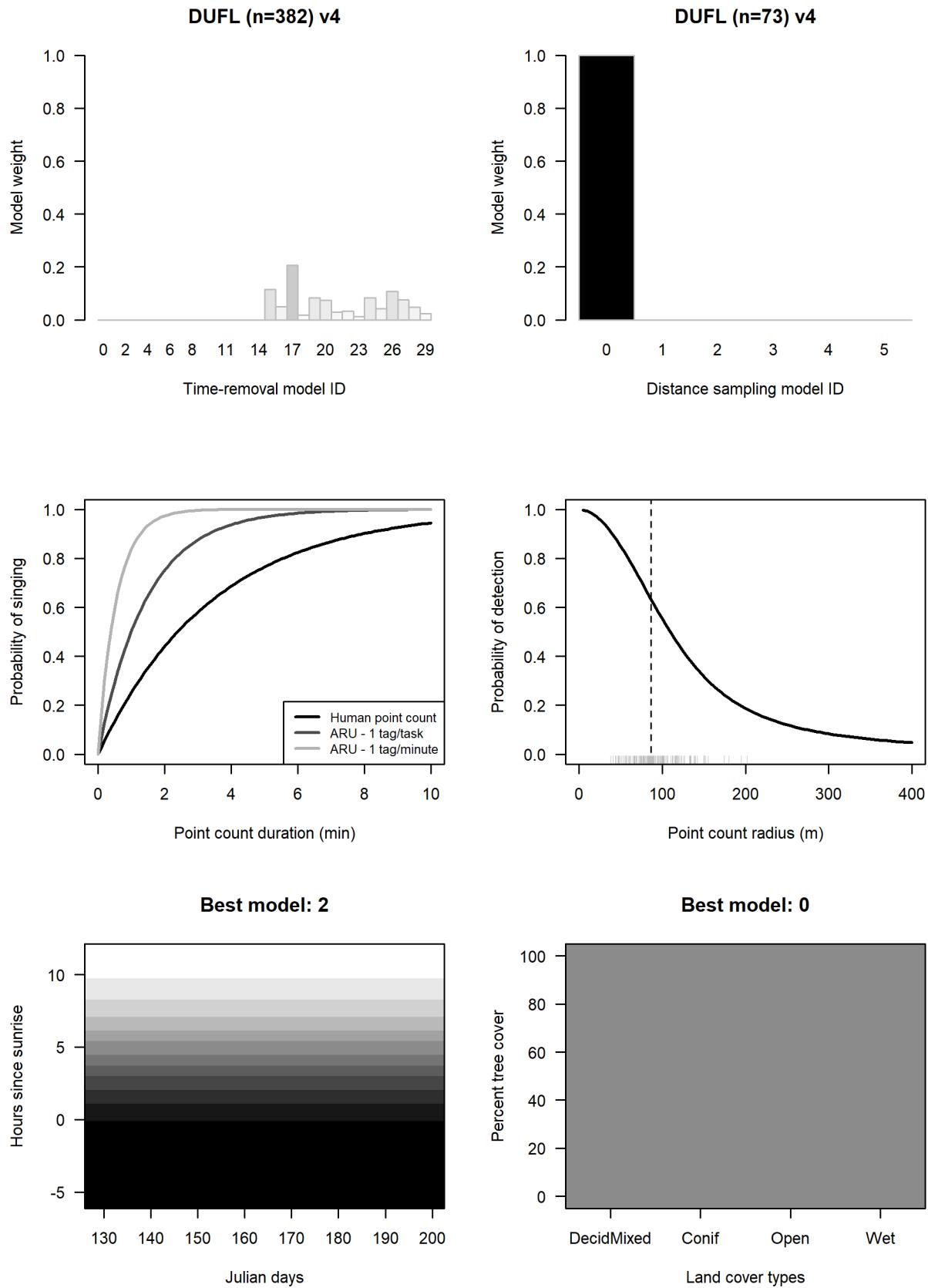


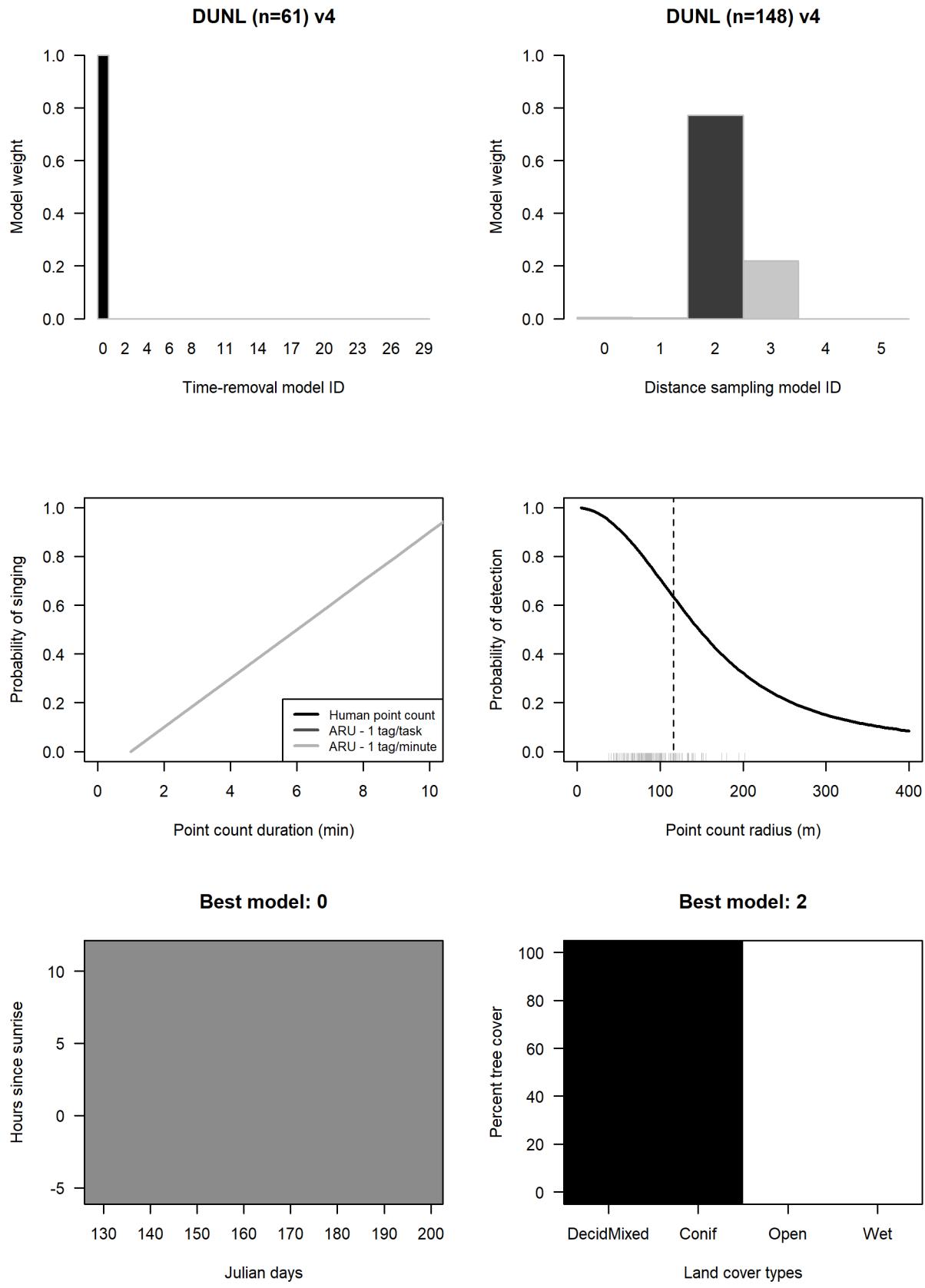


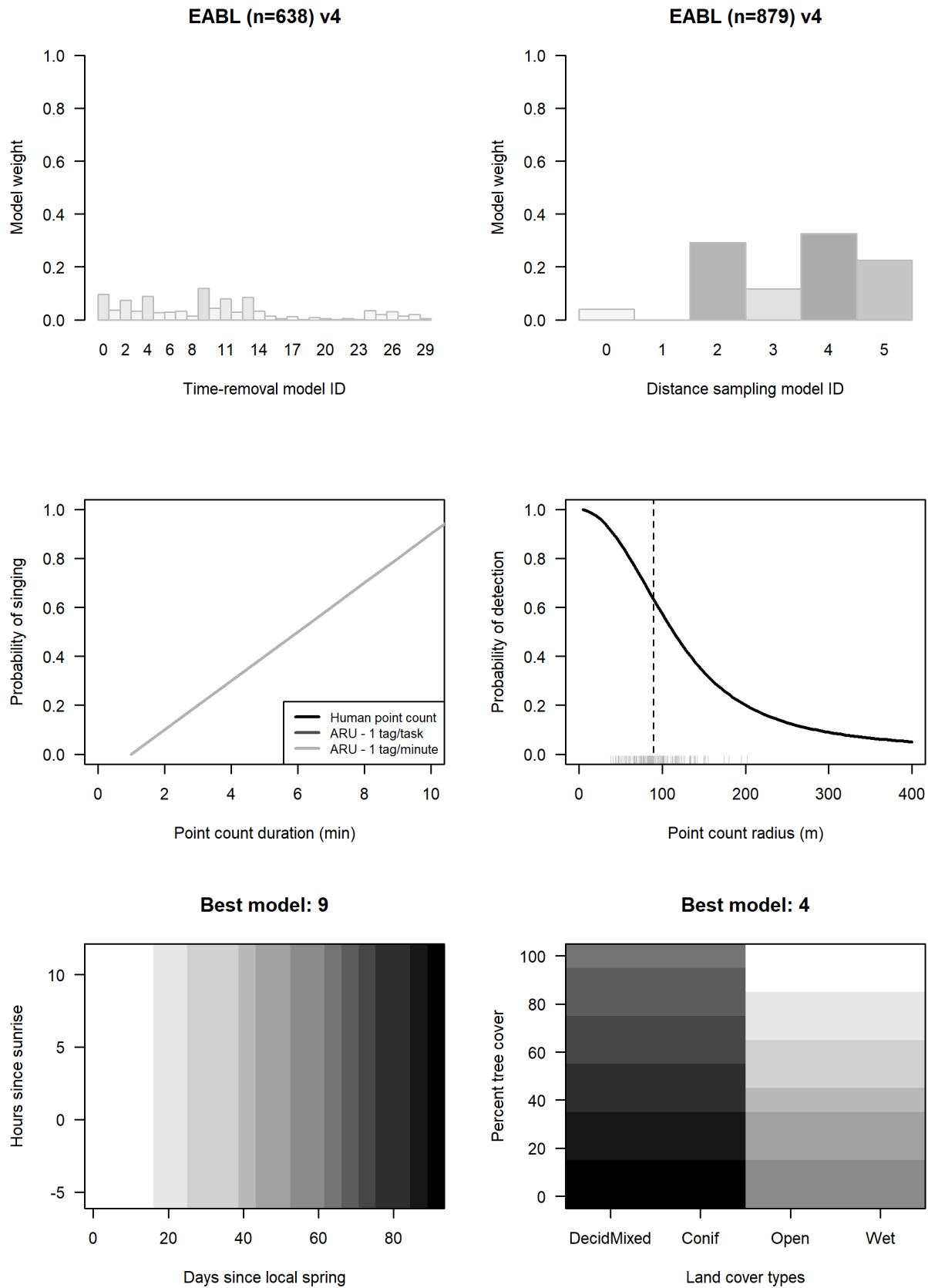


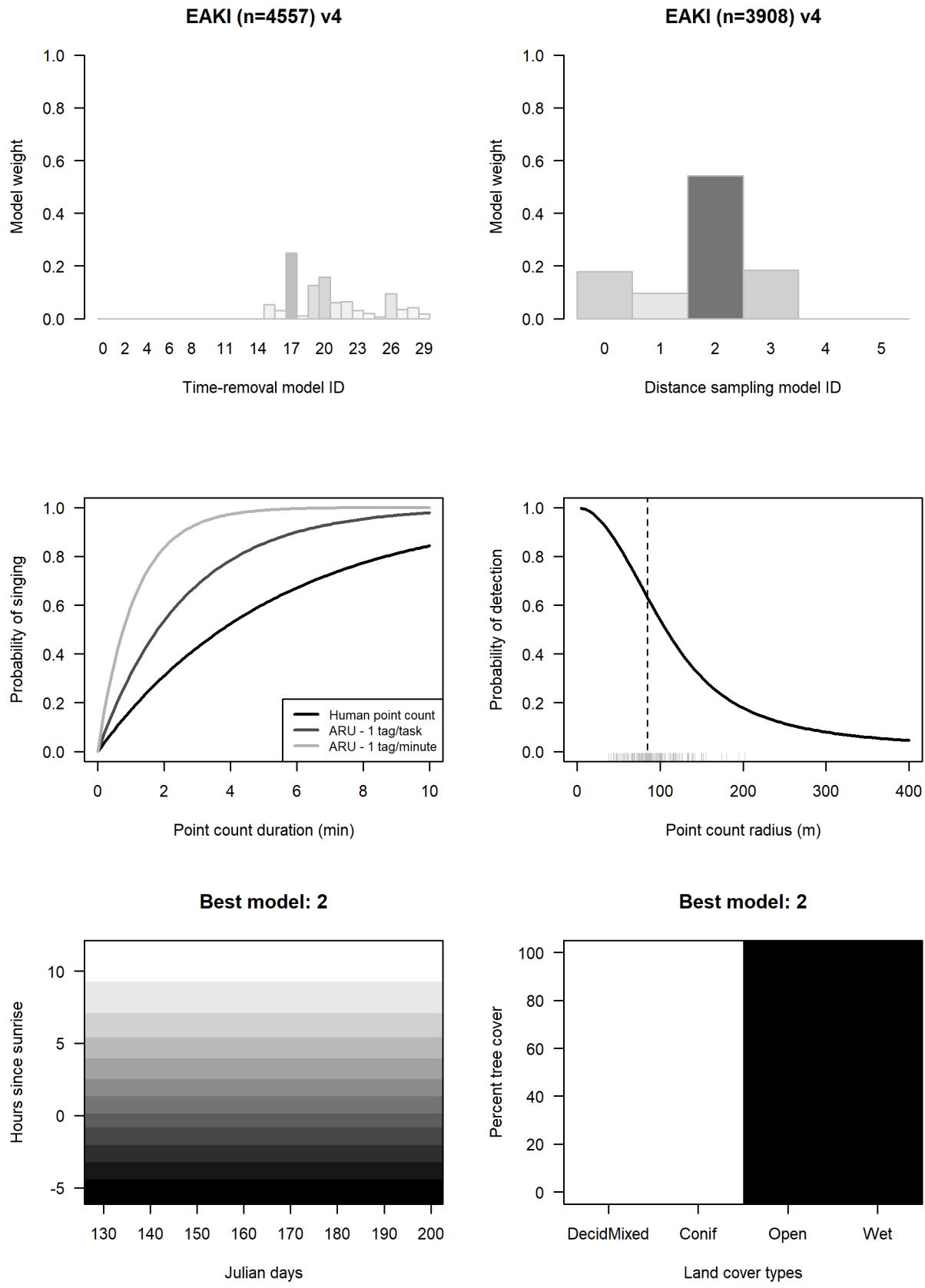


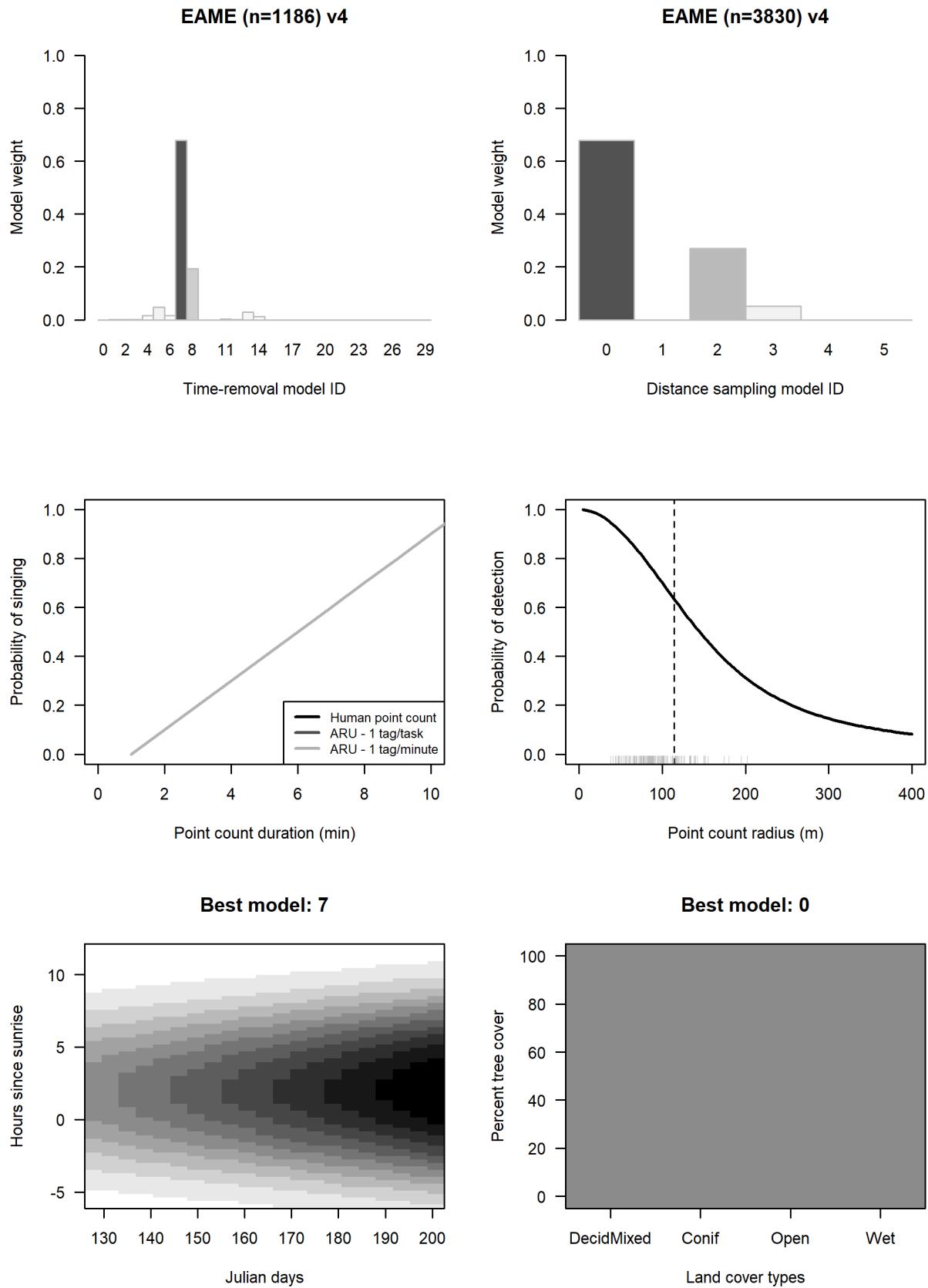


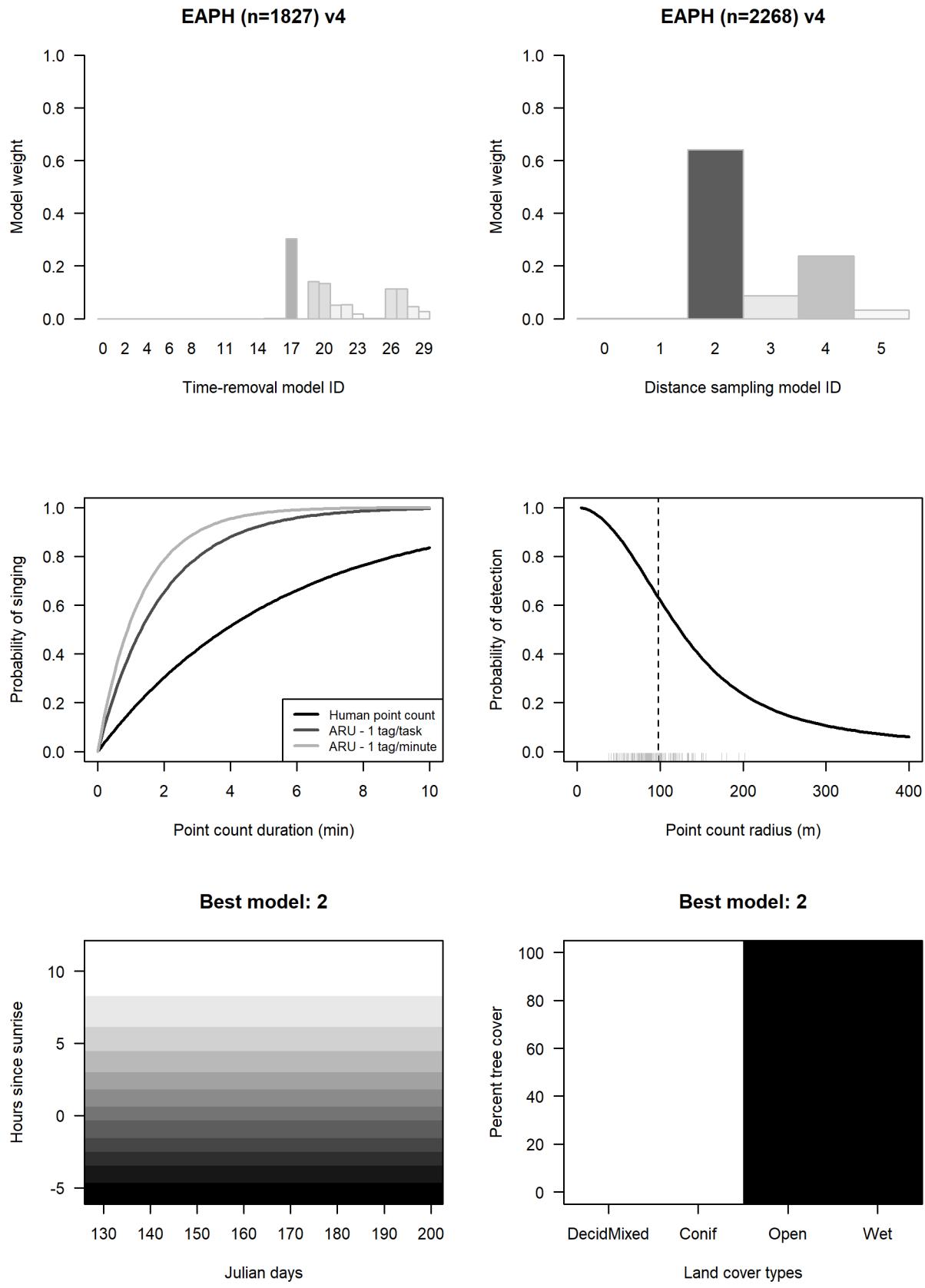


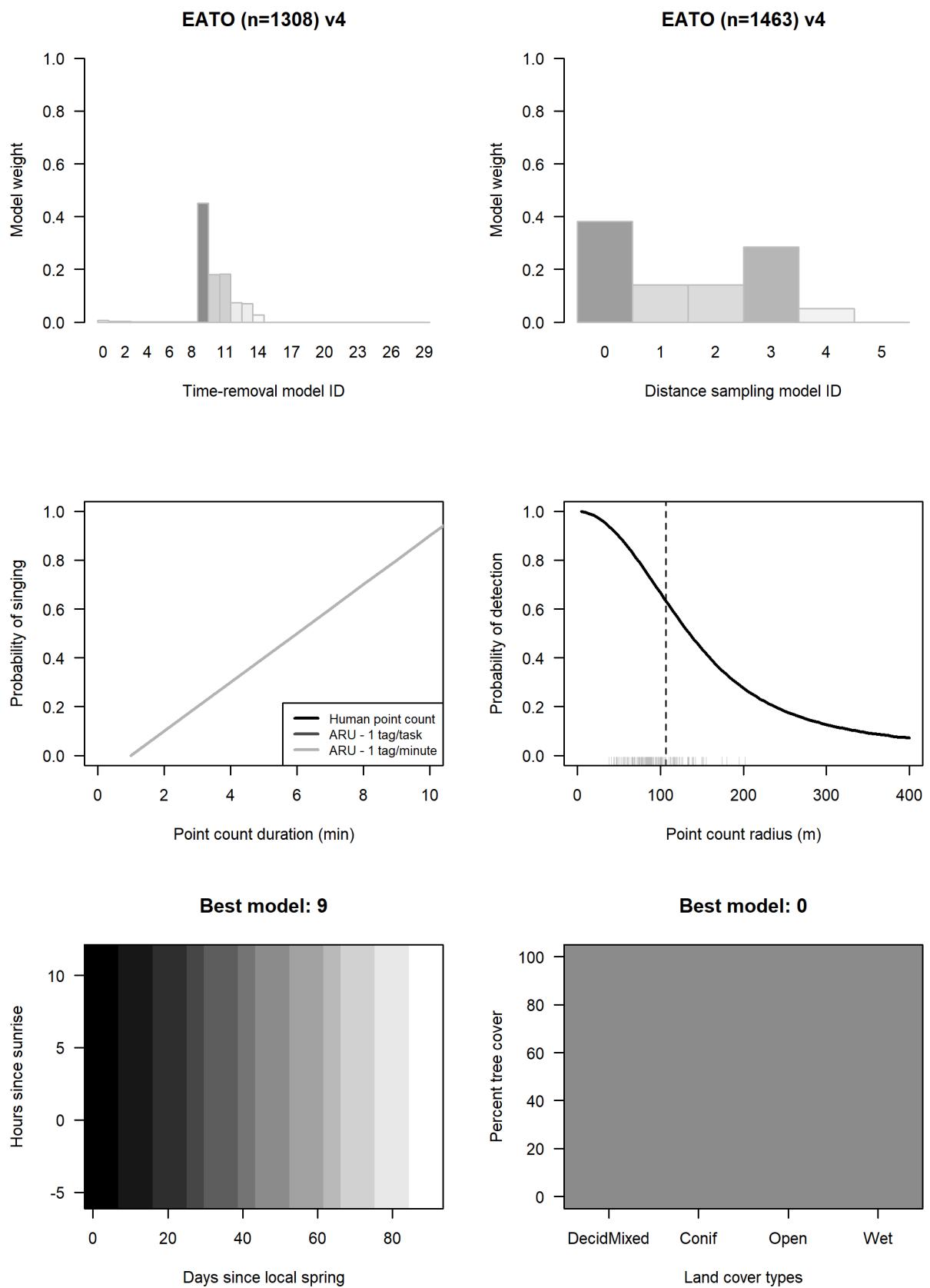


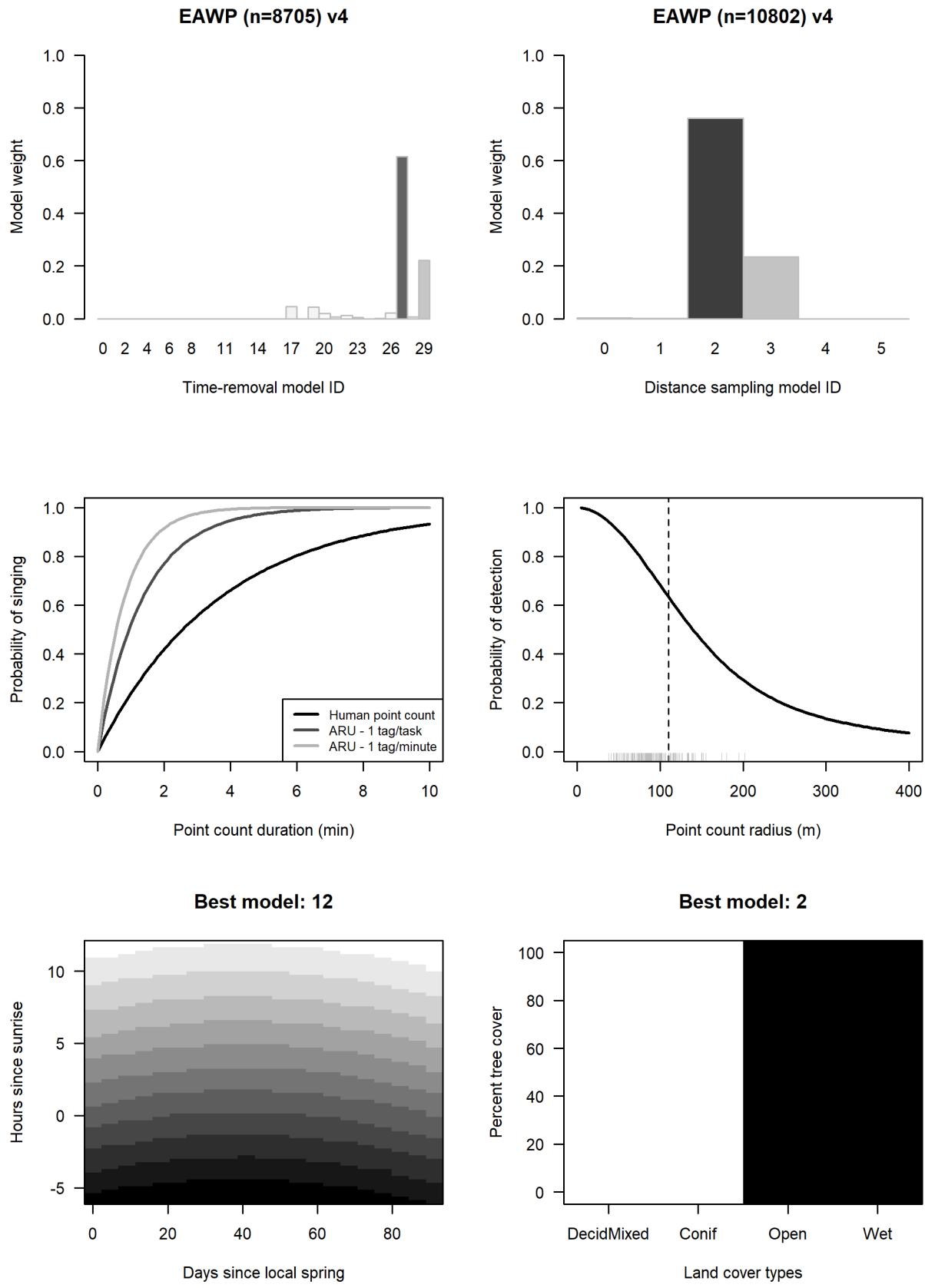


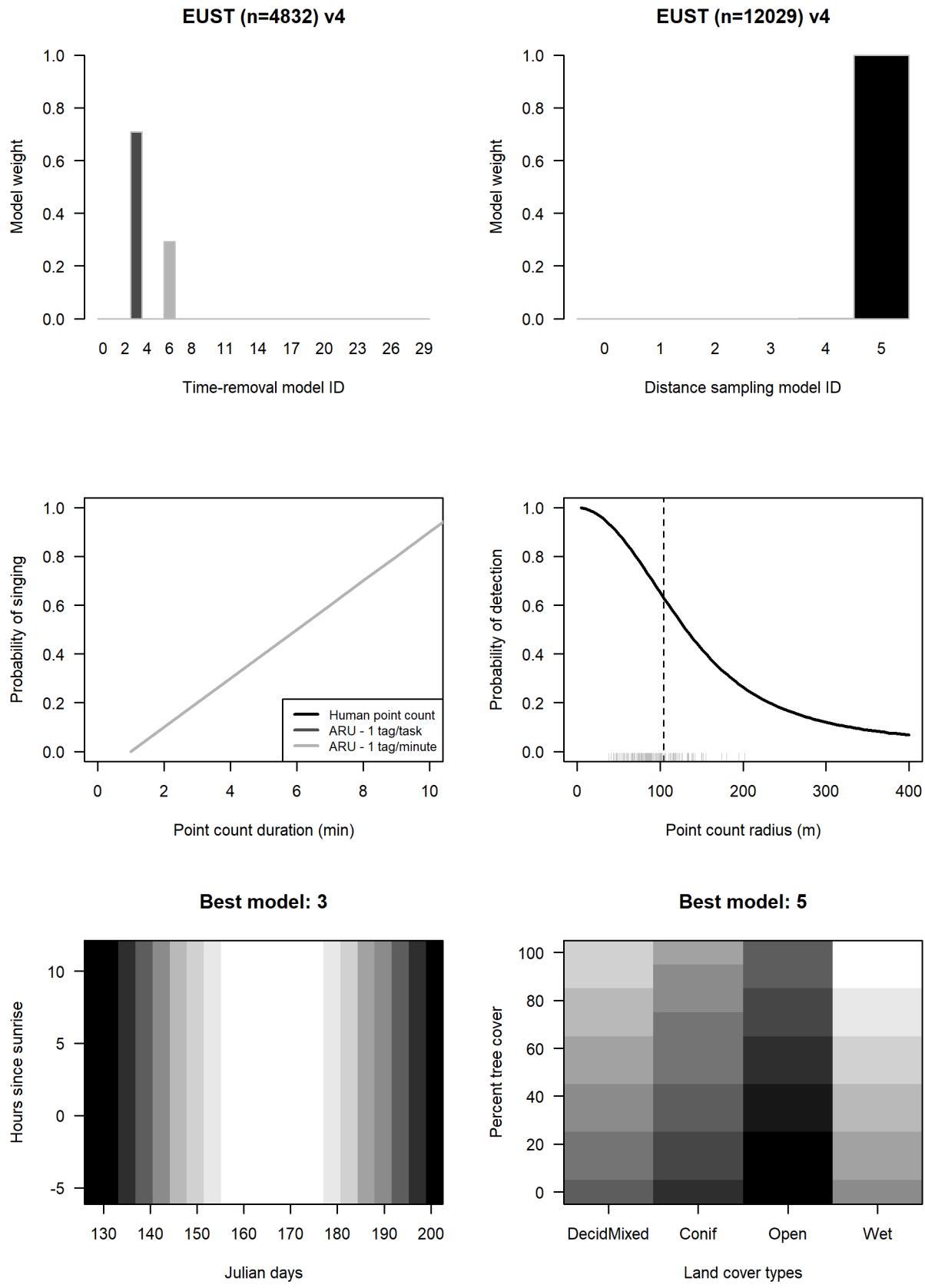


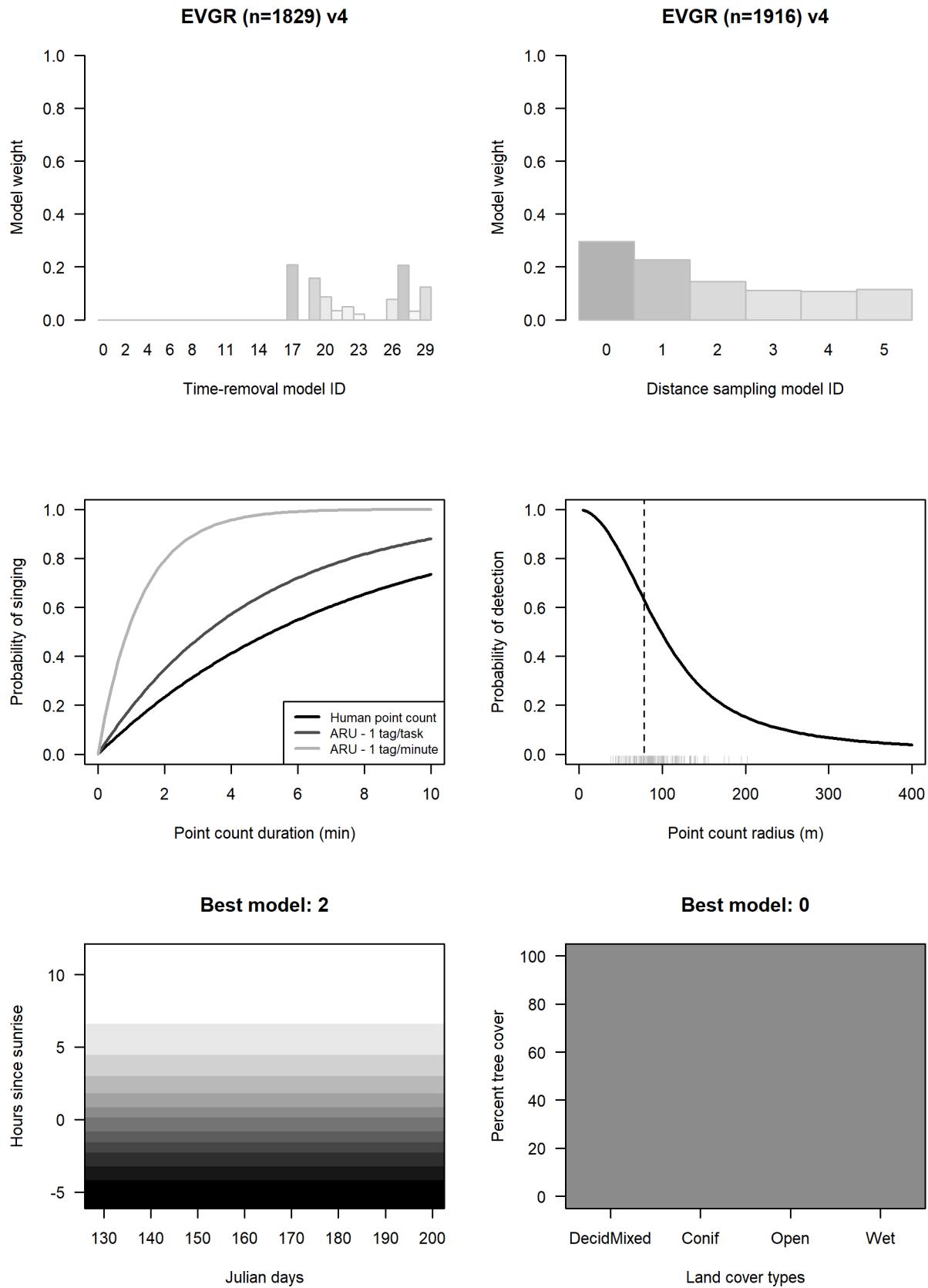


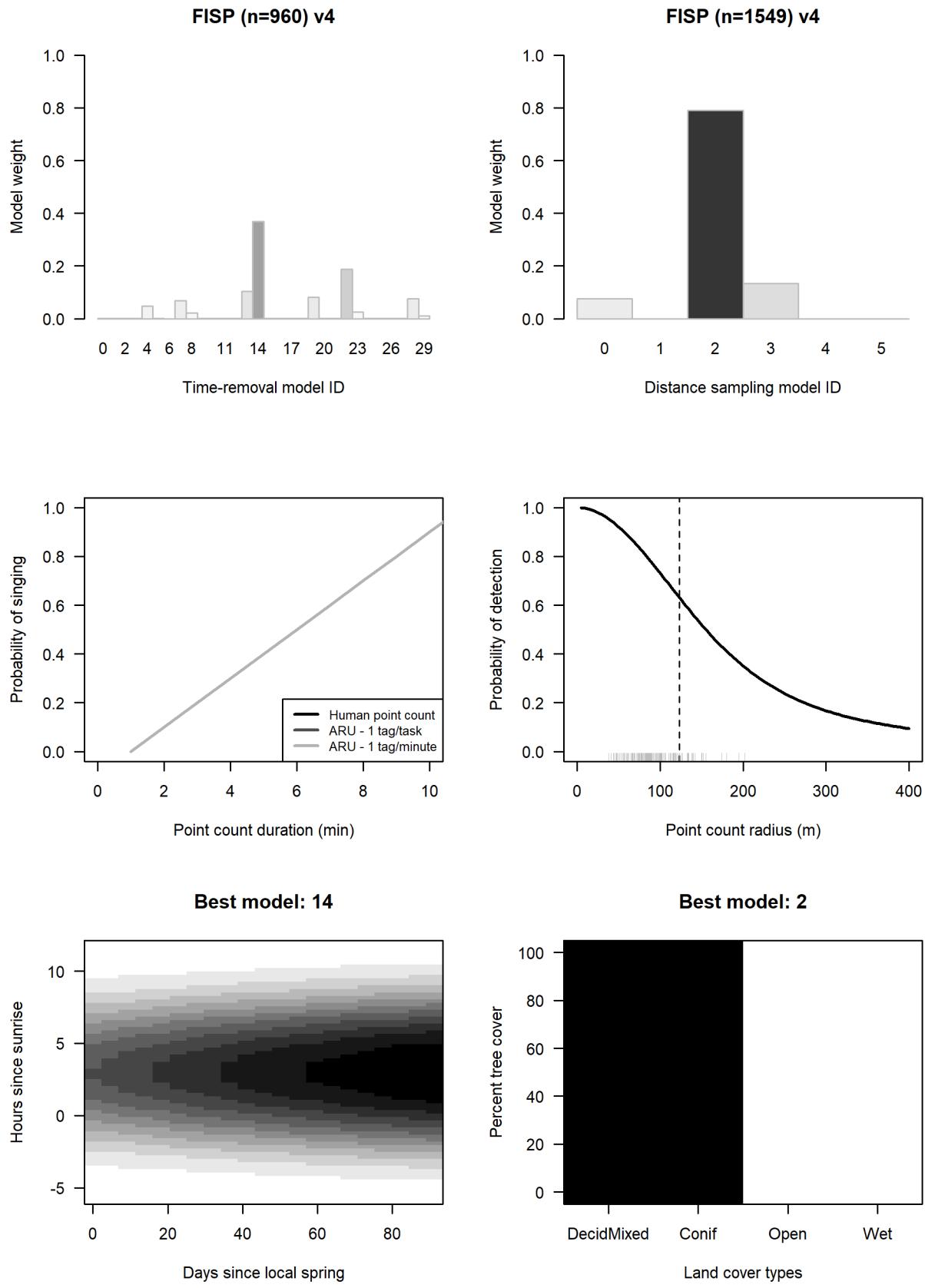


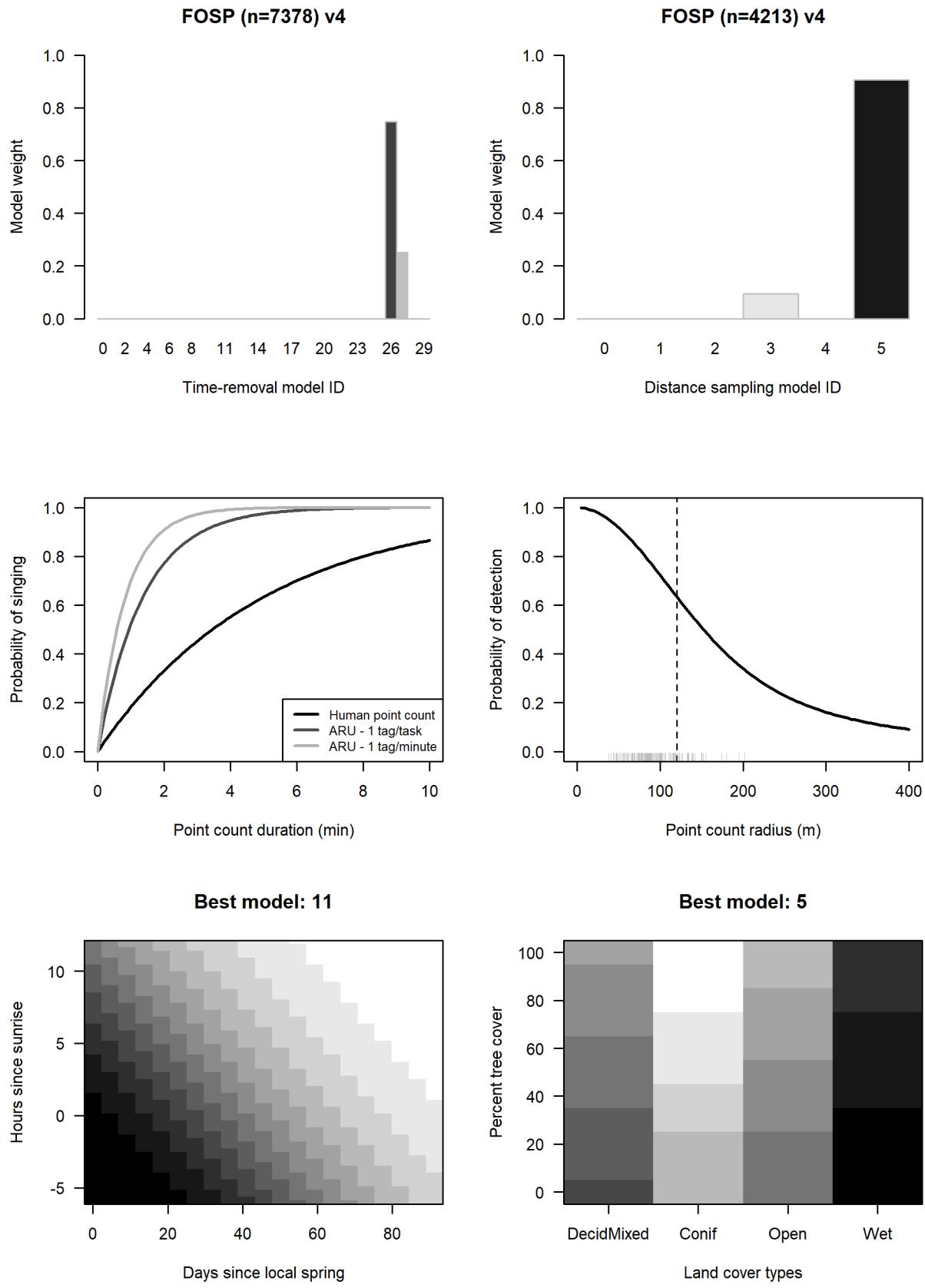


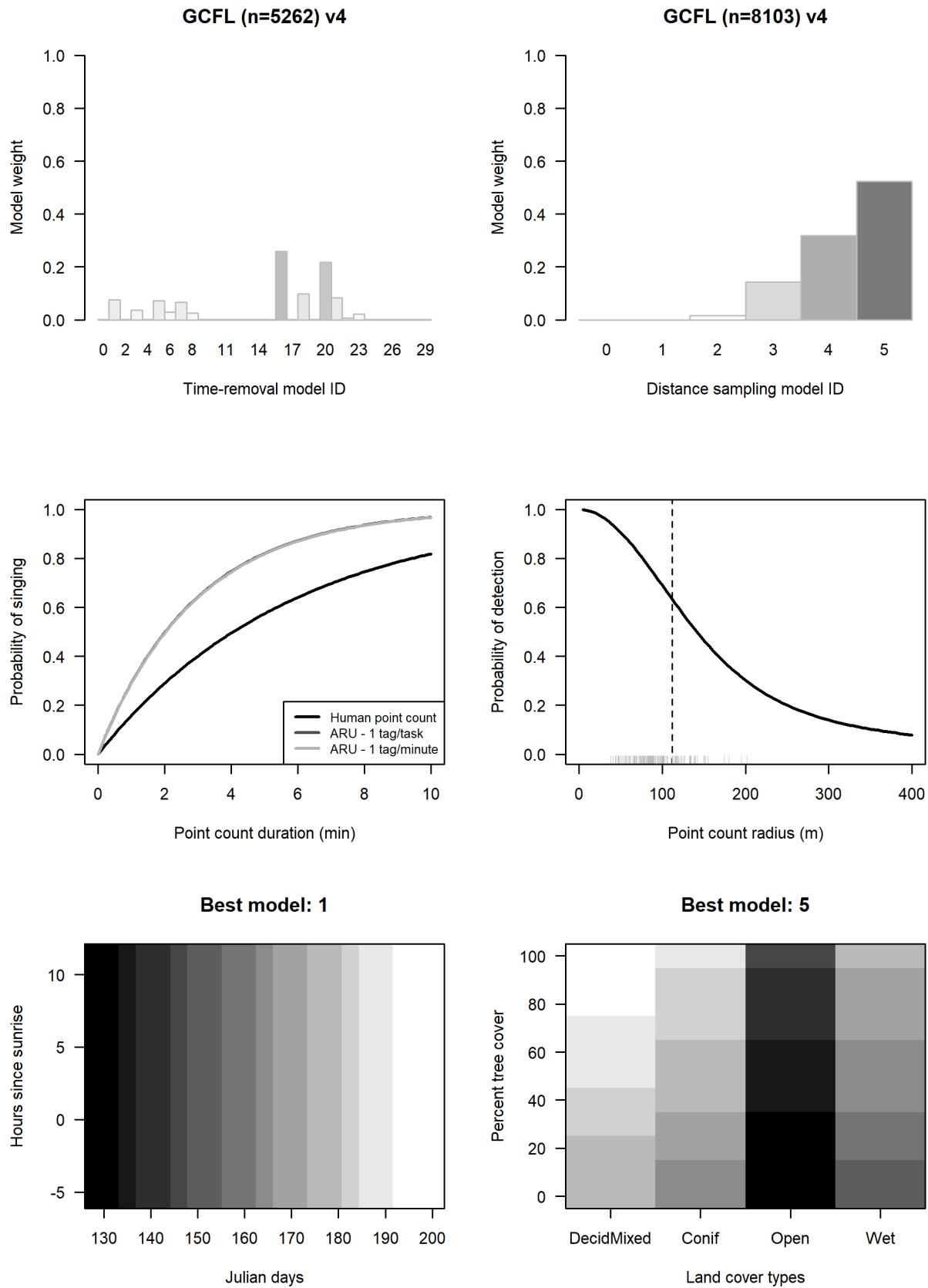


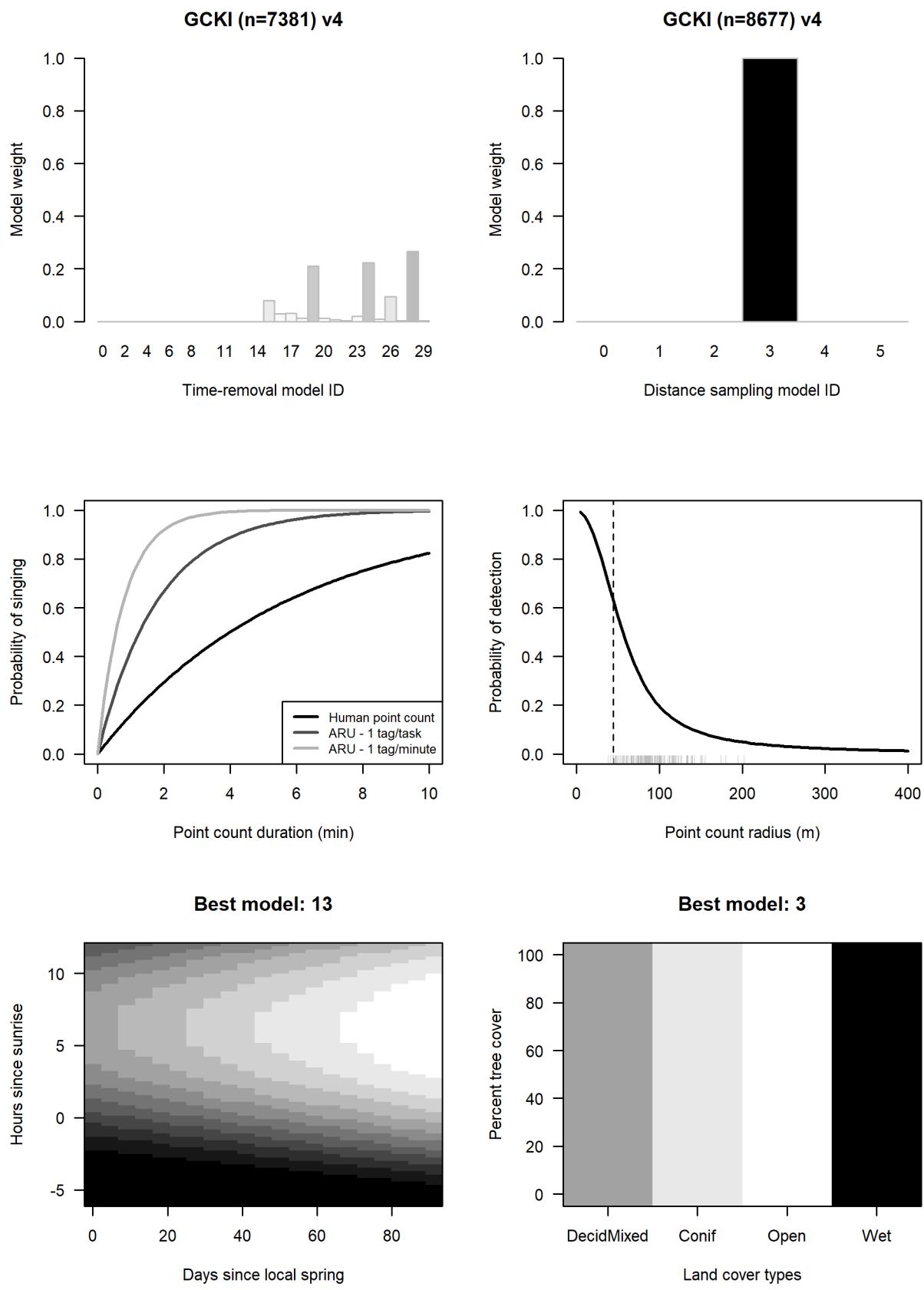


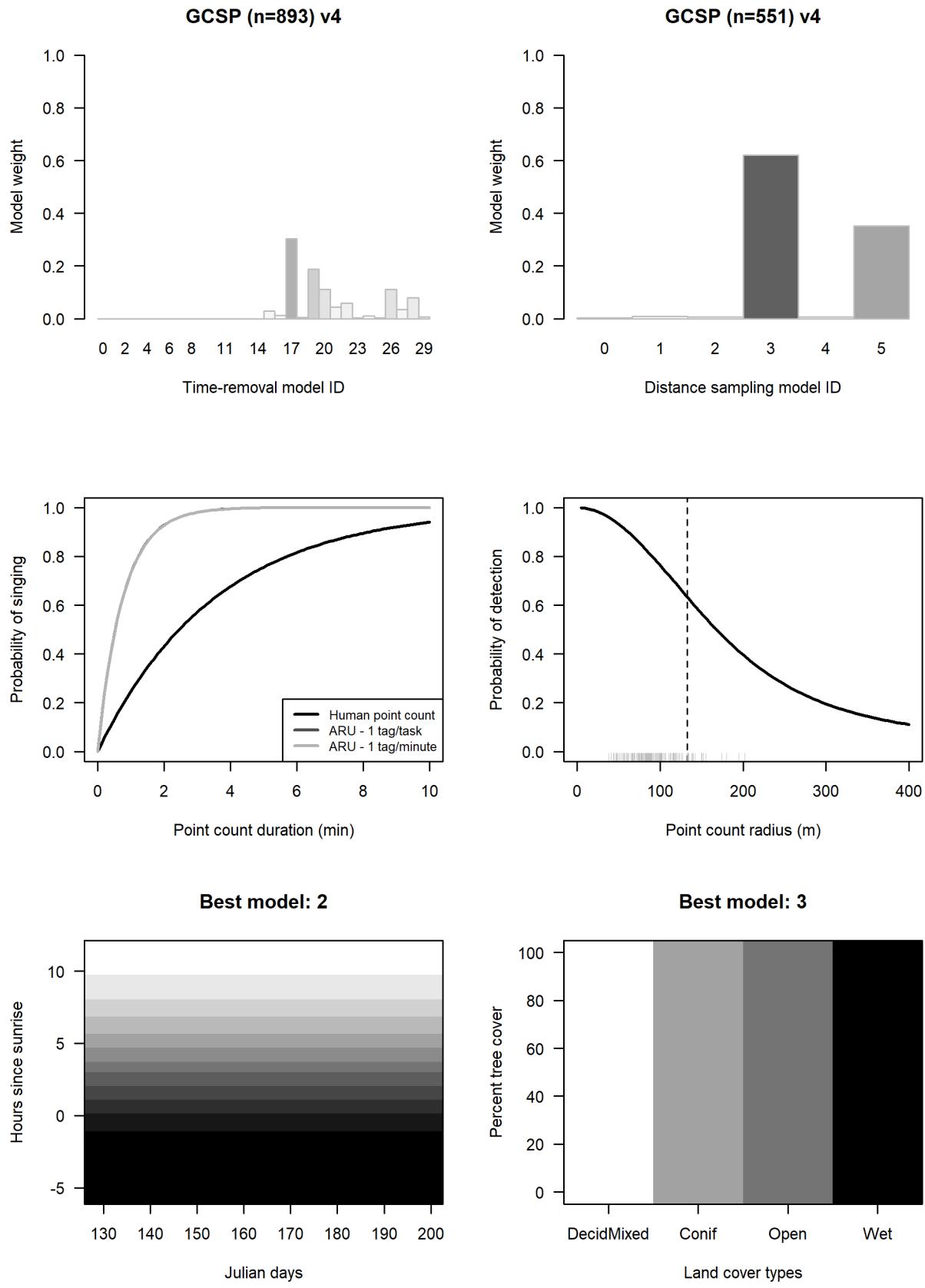


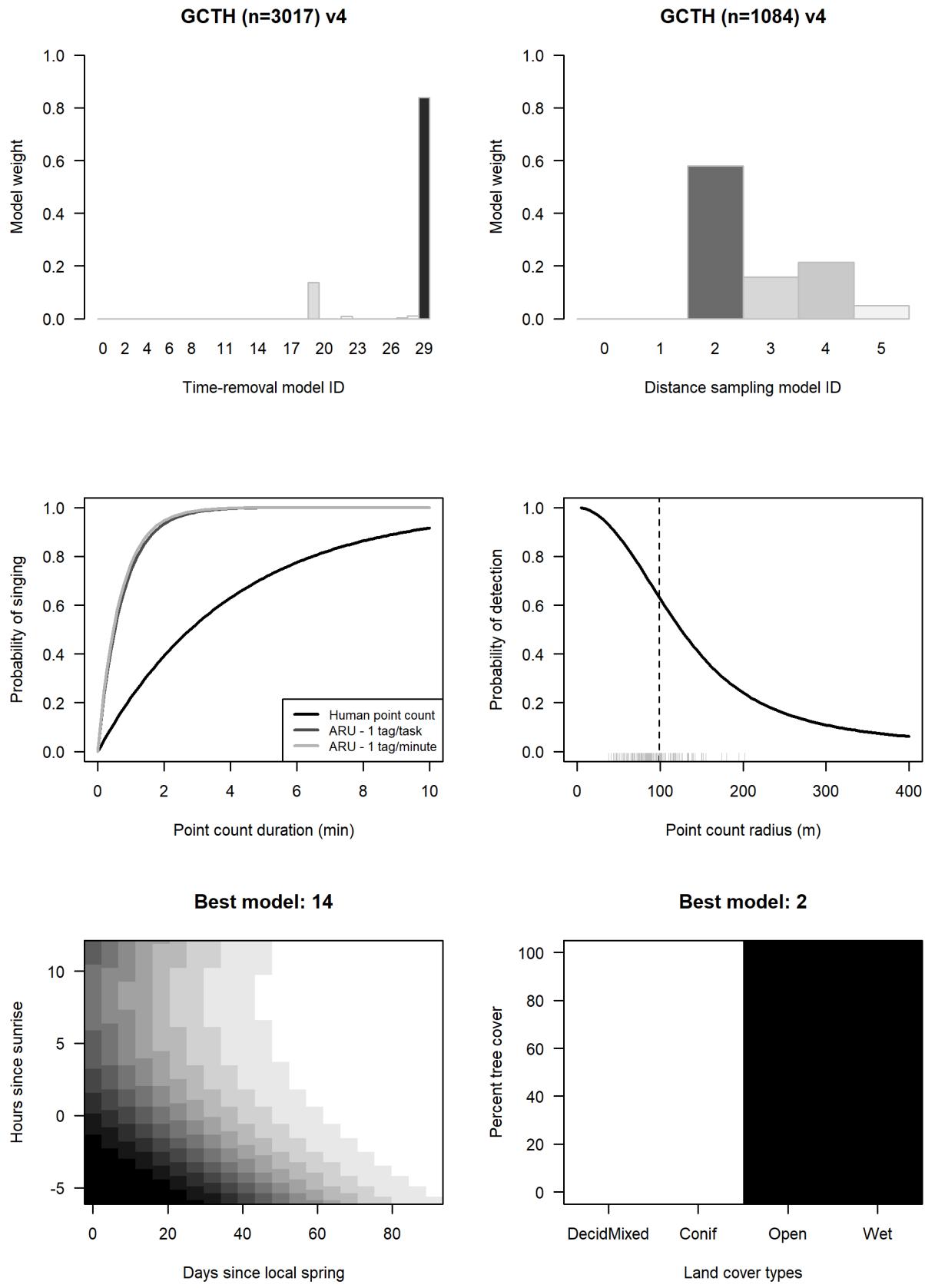


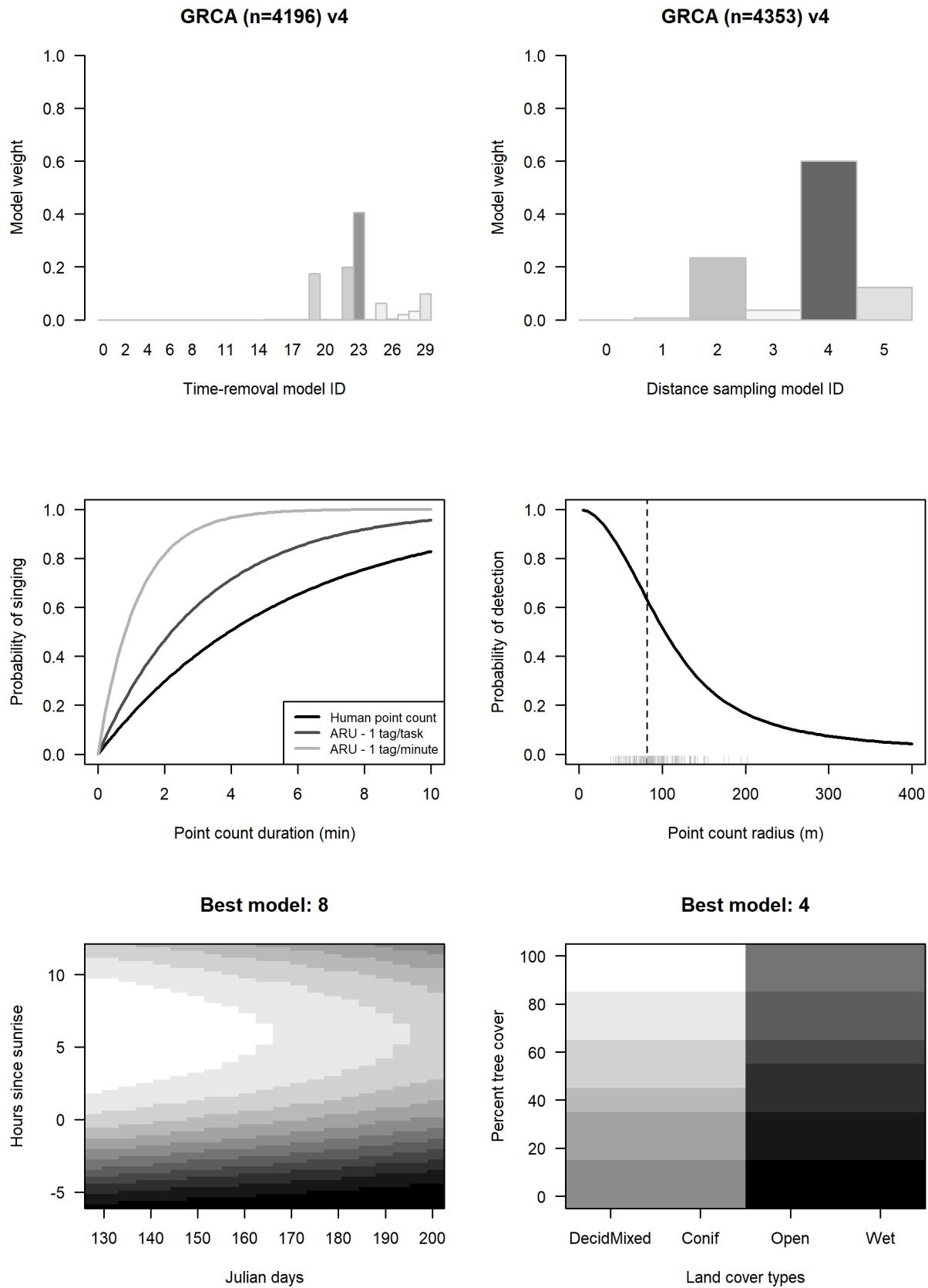


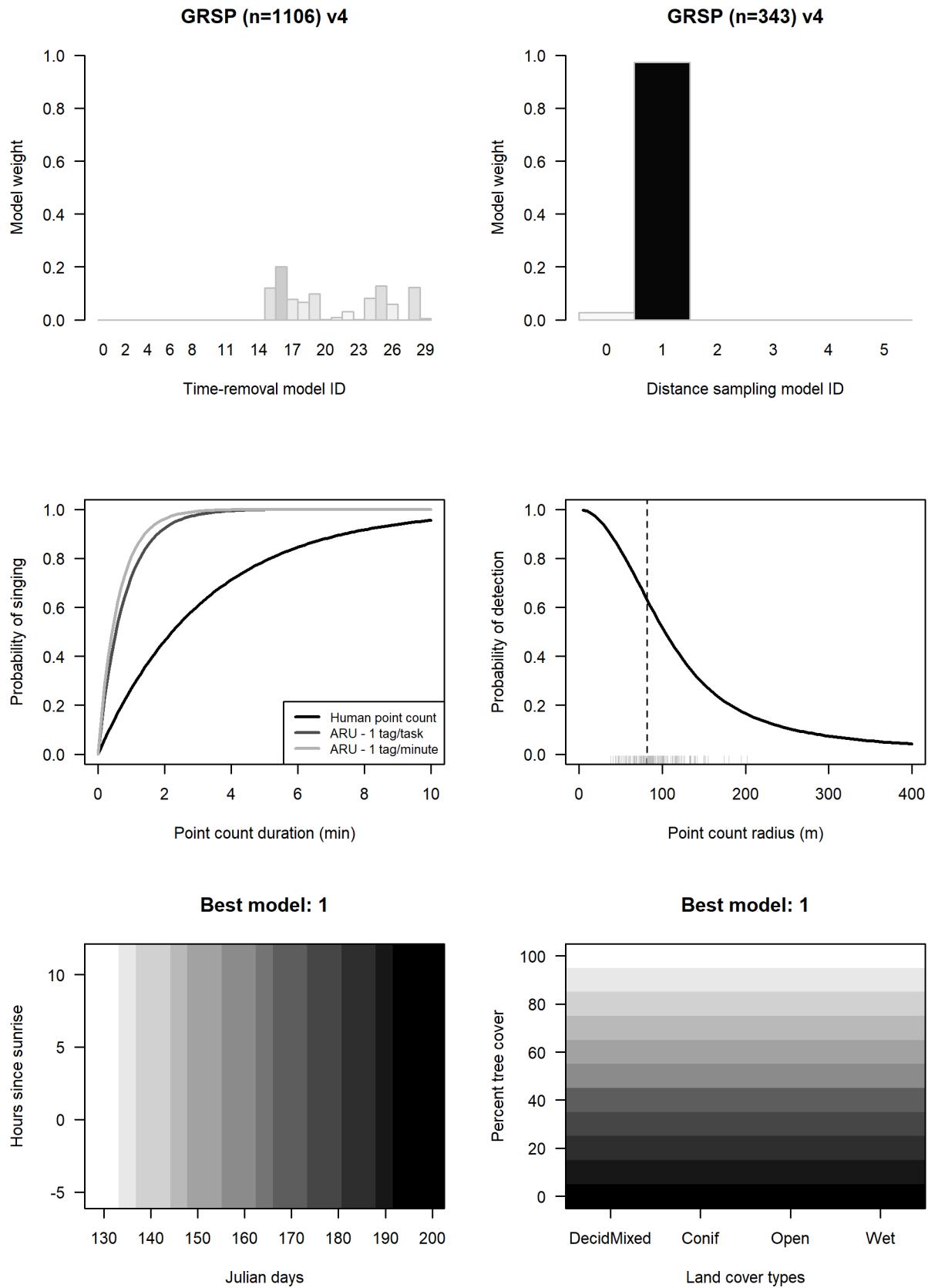


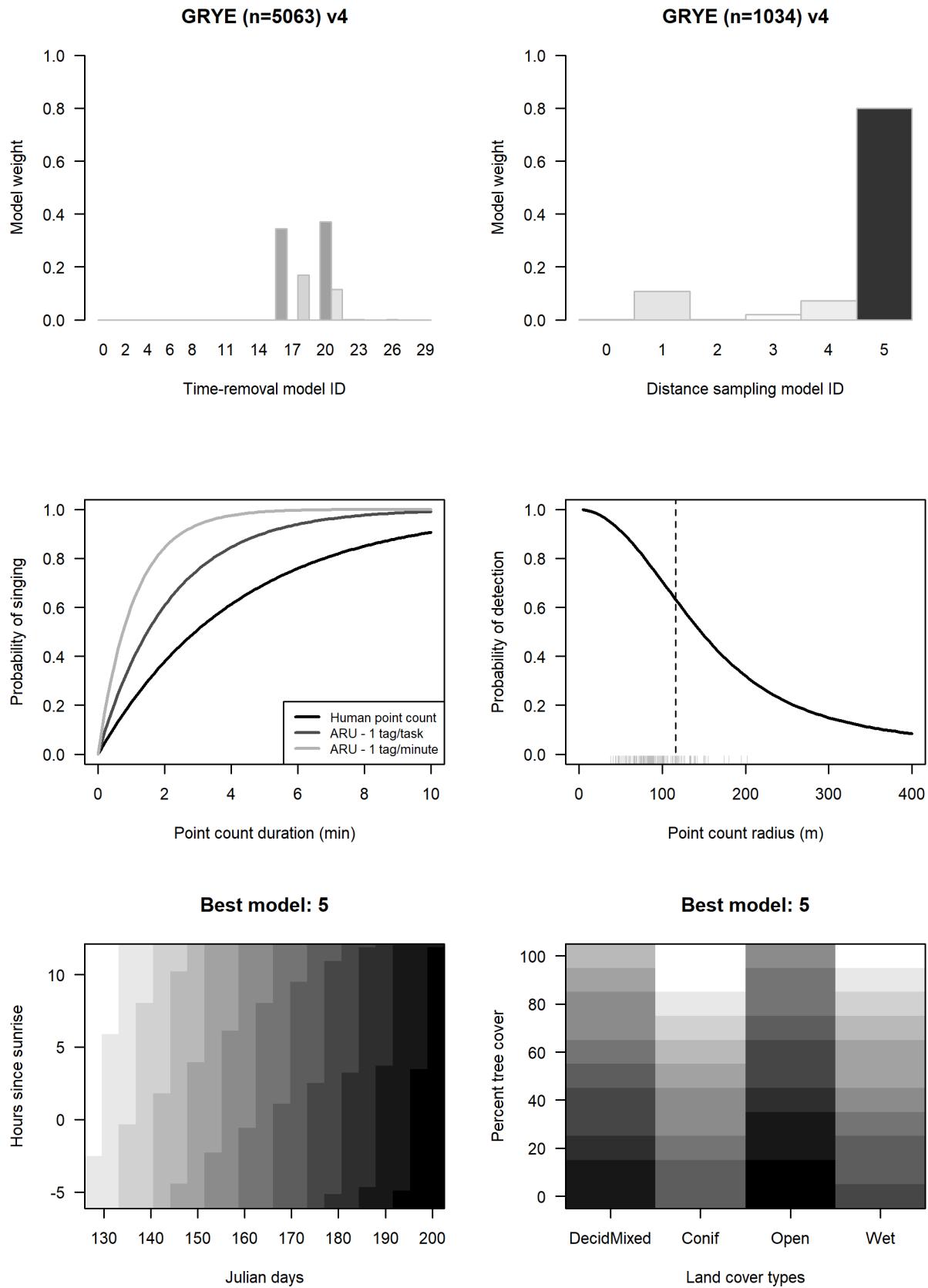




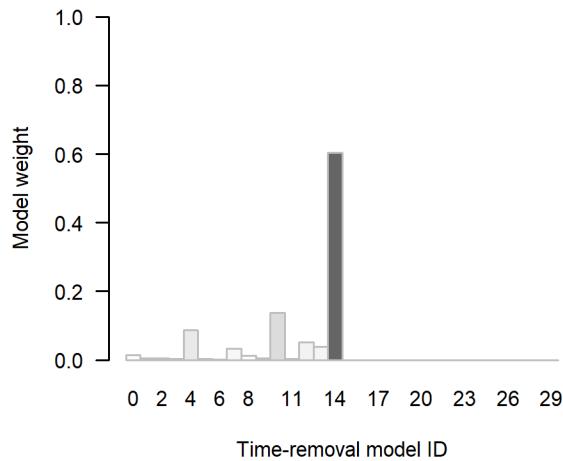




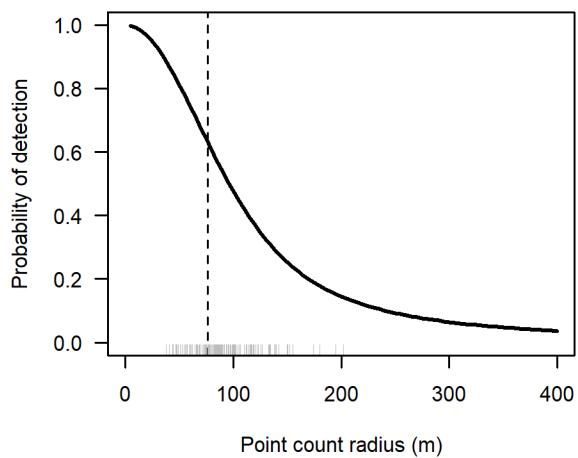
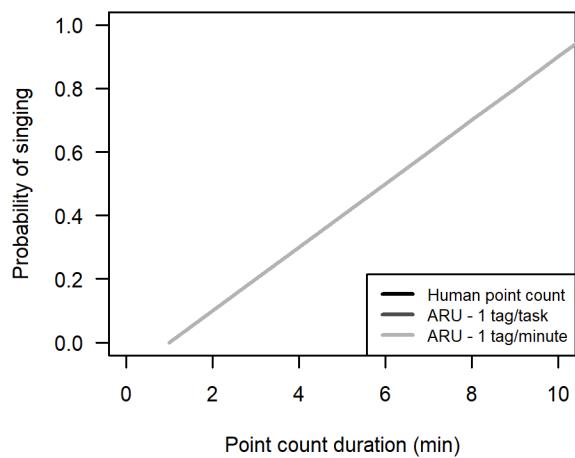
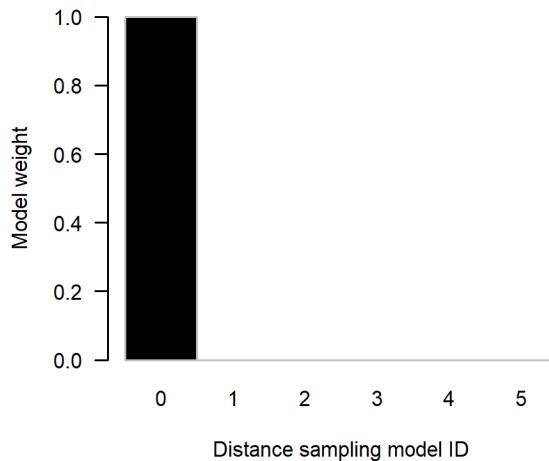




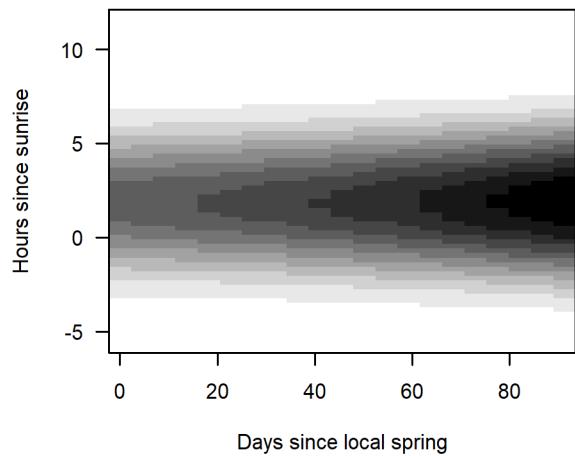
GWWA (n=1672) v4



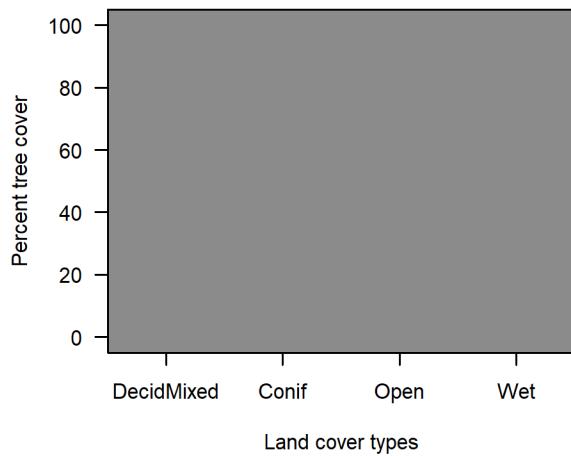
GWWA (n=1721) v4

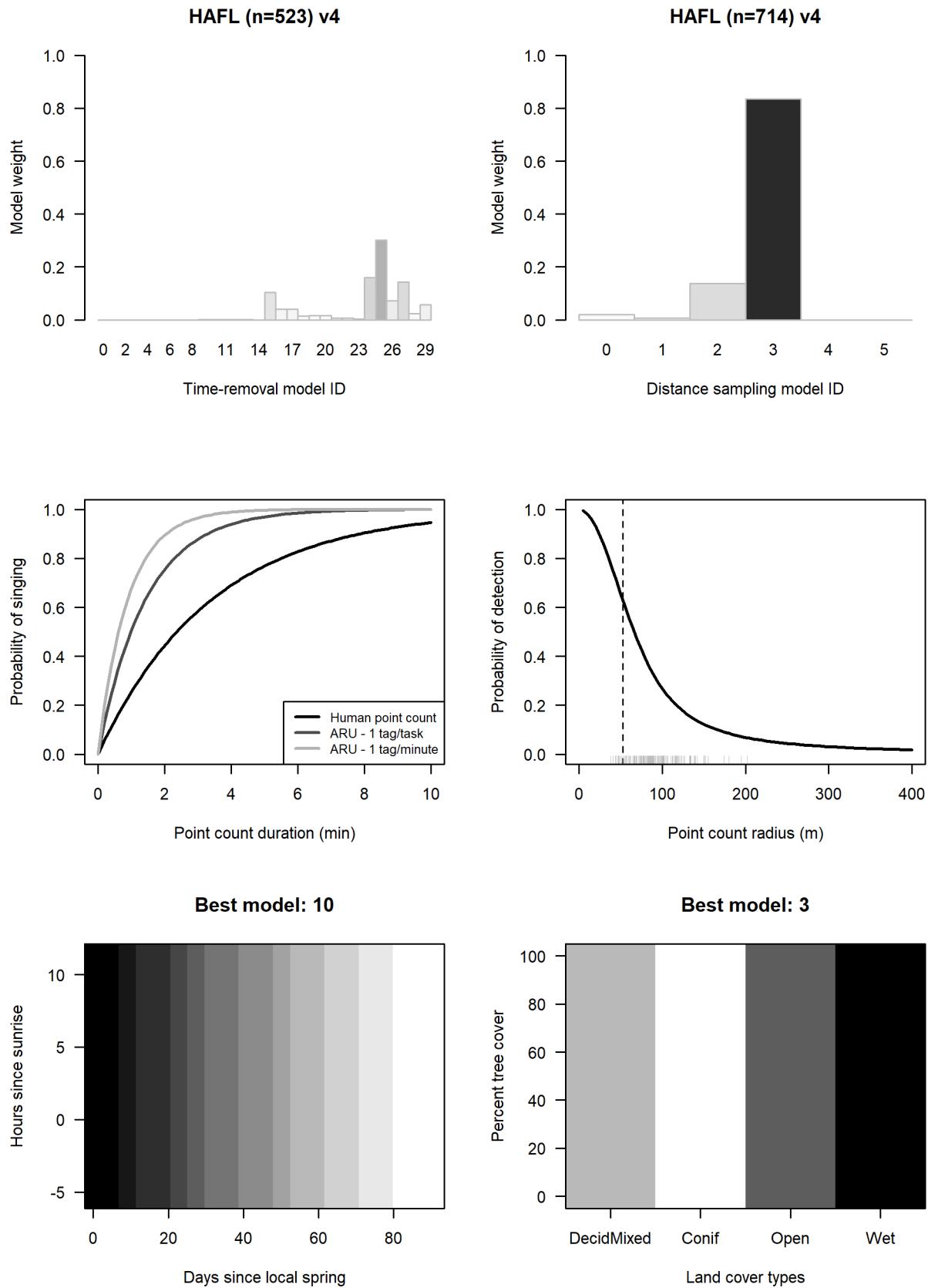


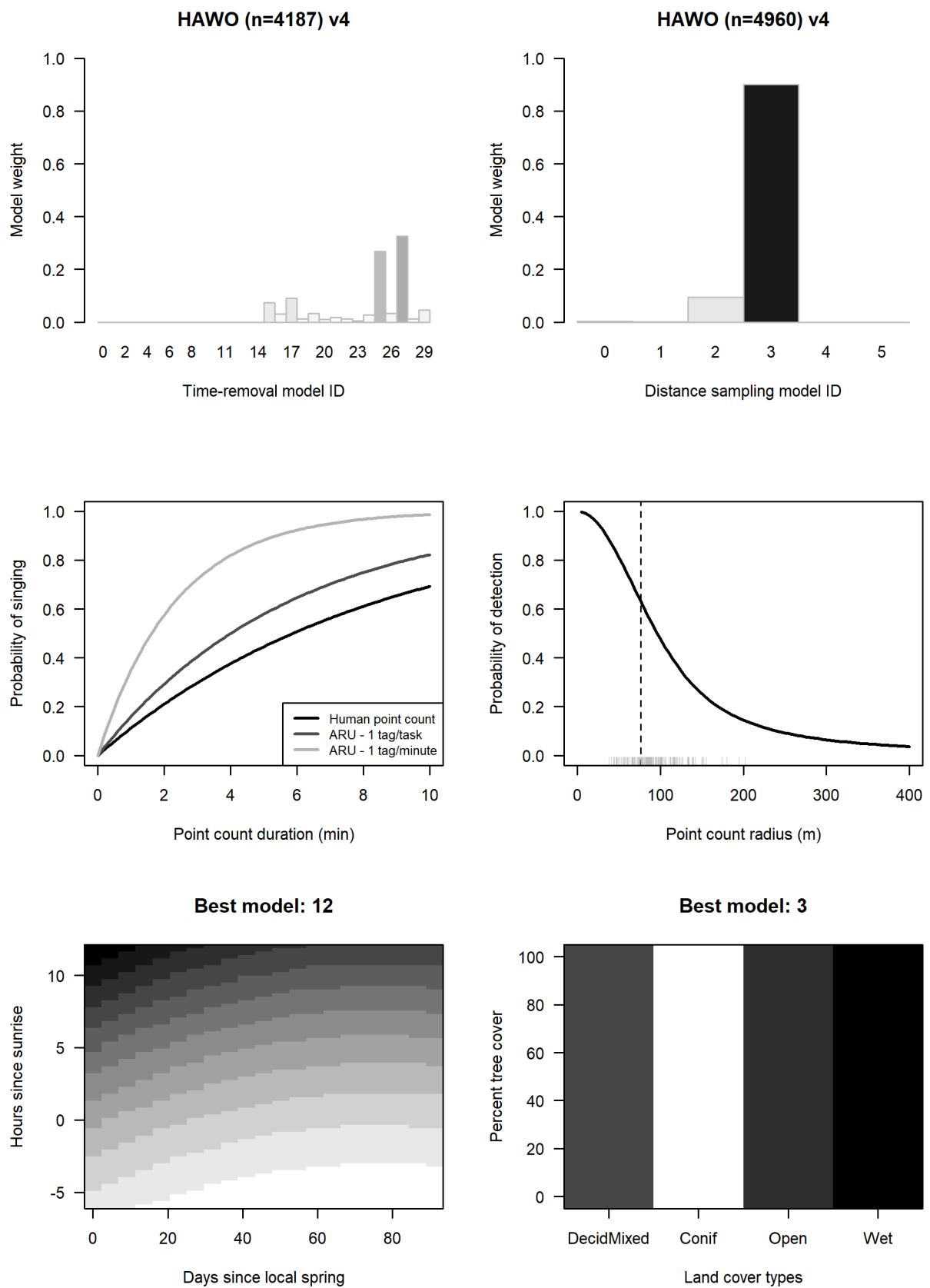
Best model: 14

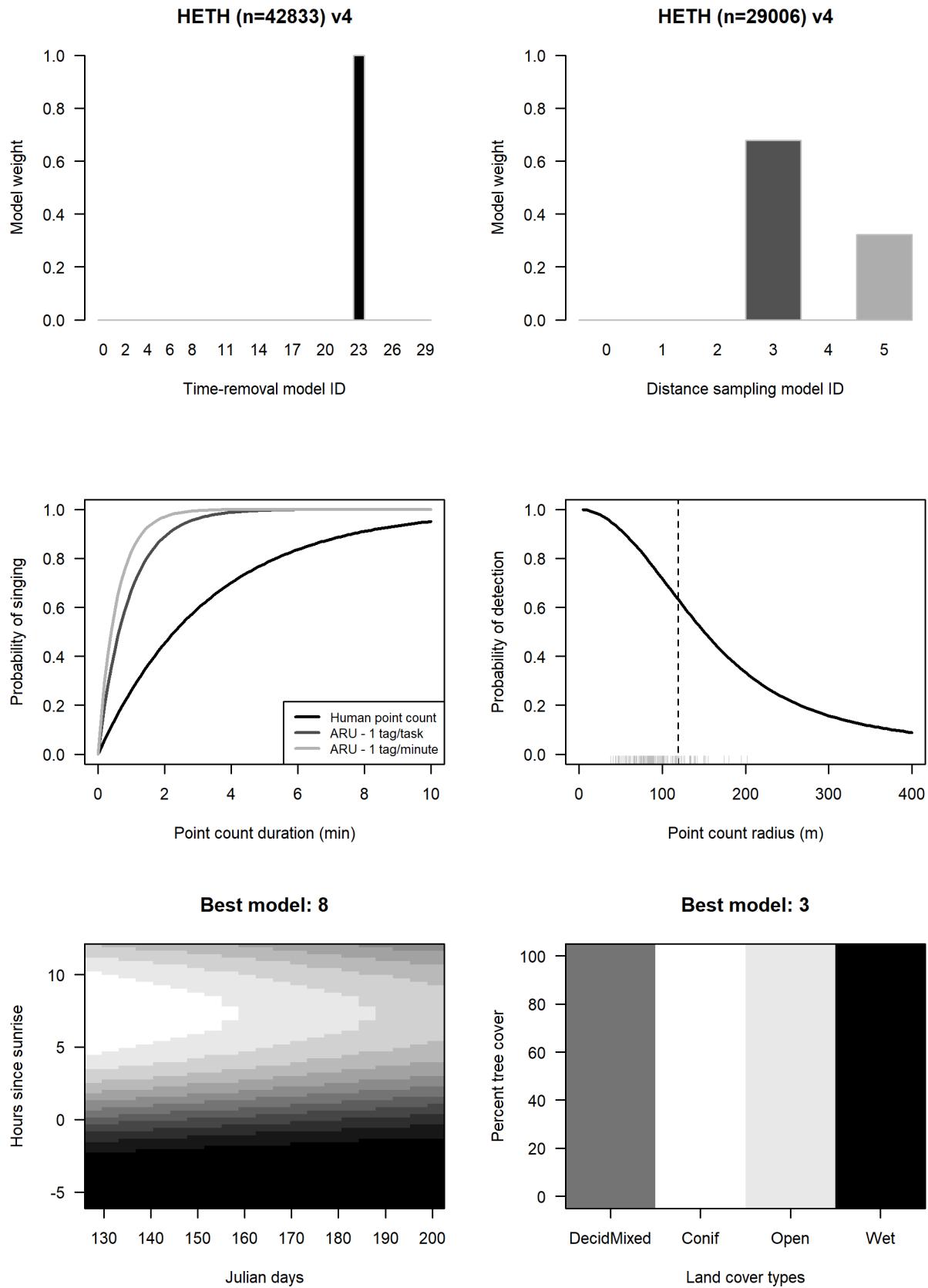


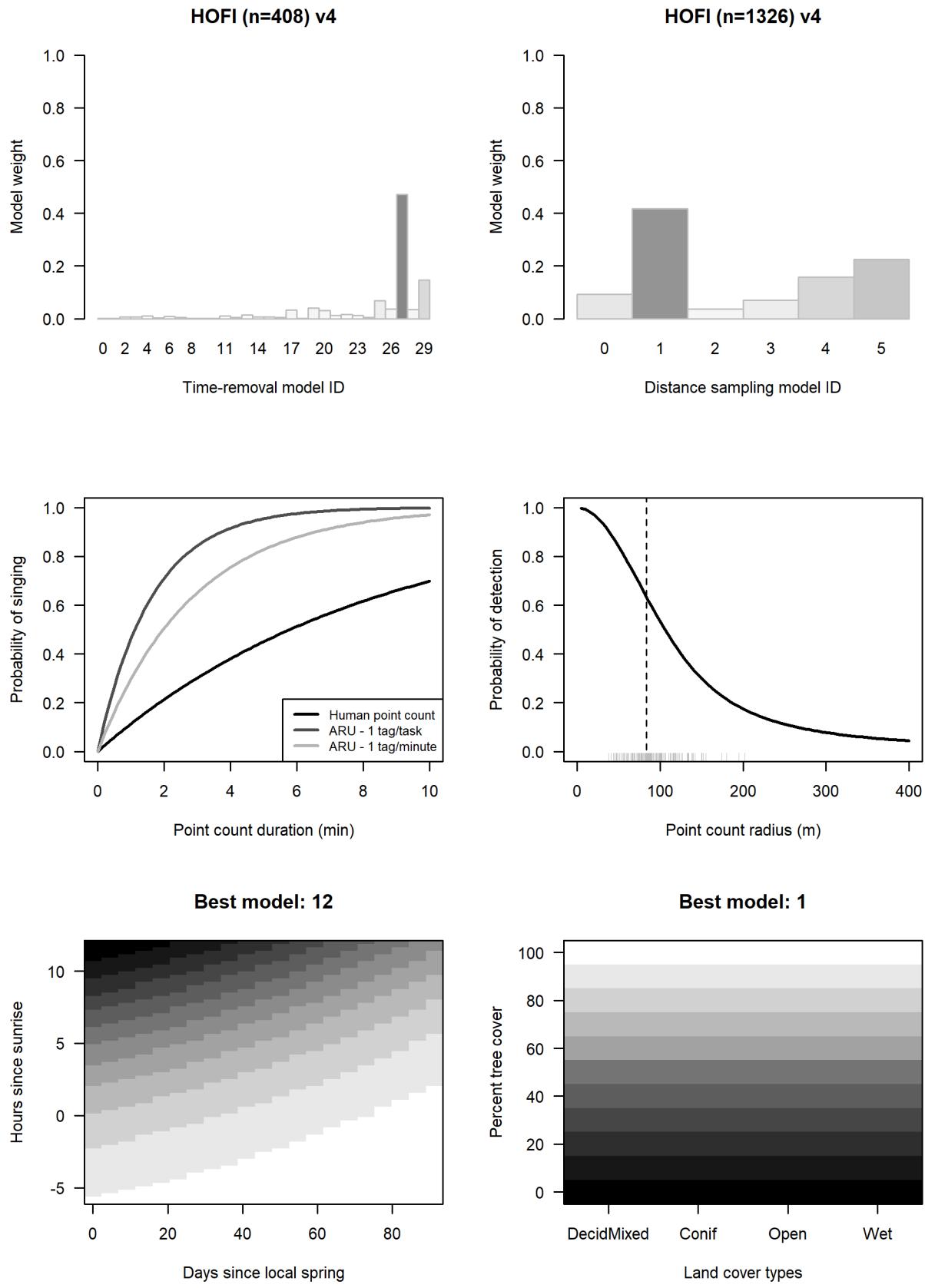
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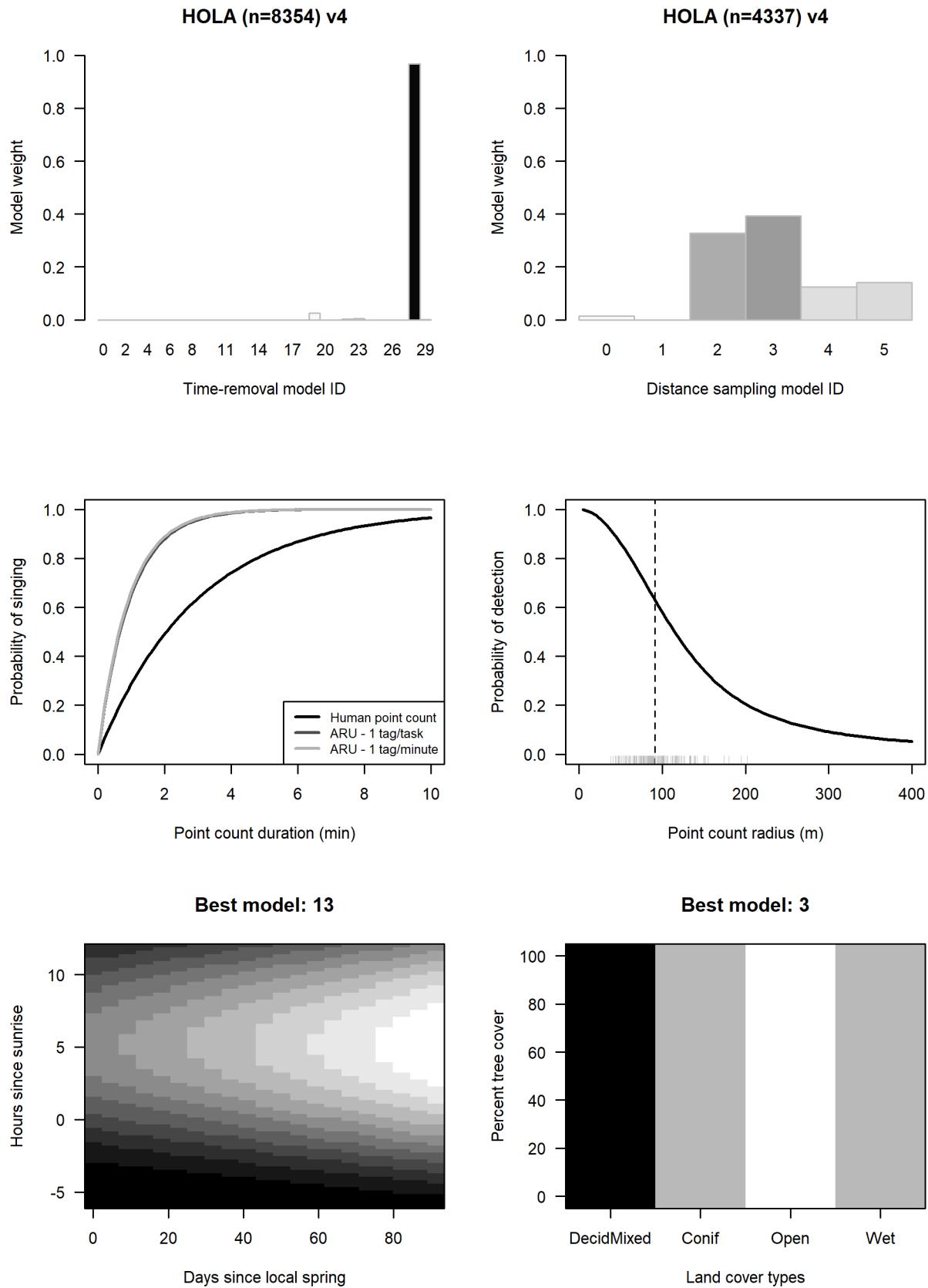


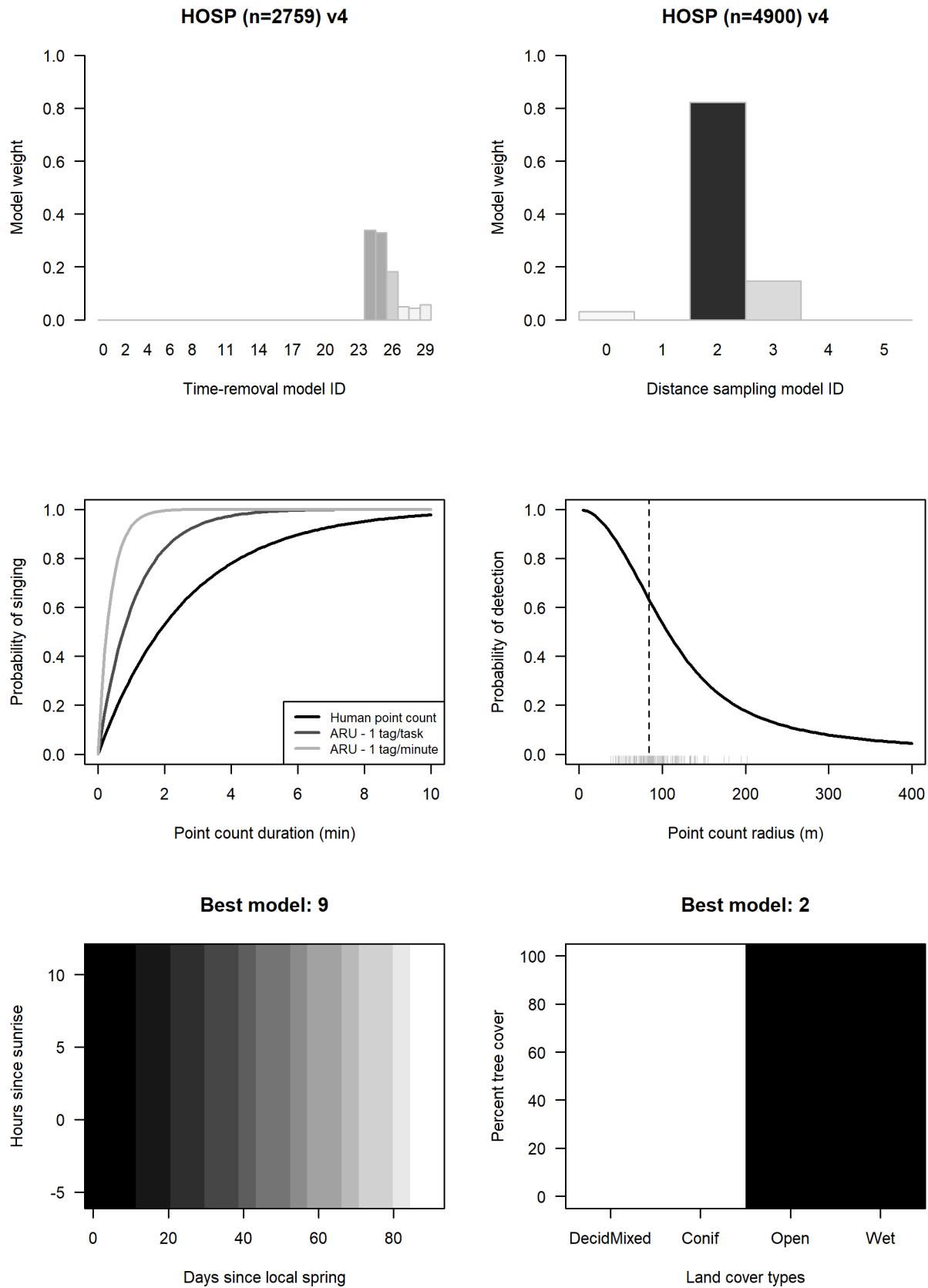


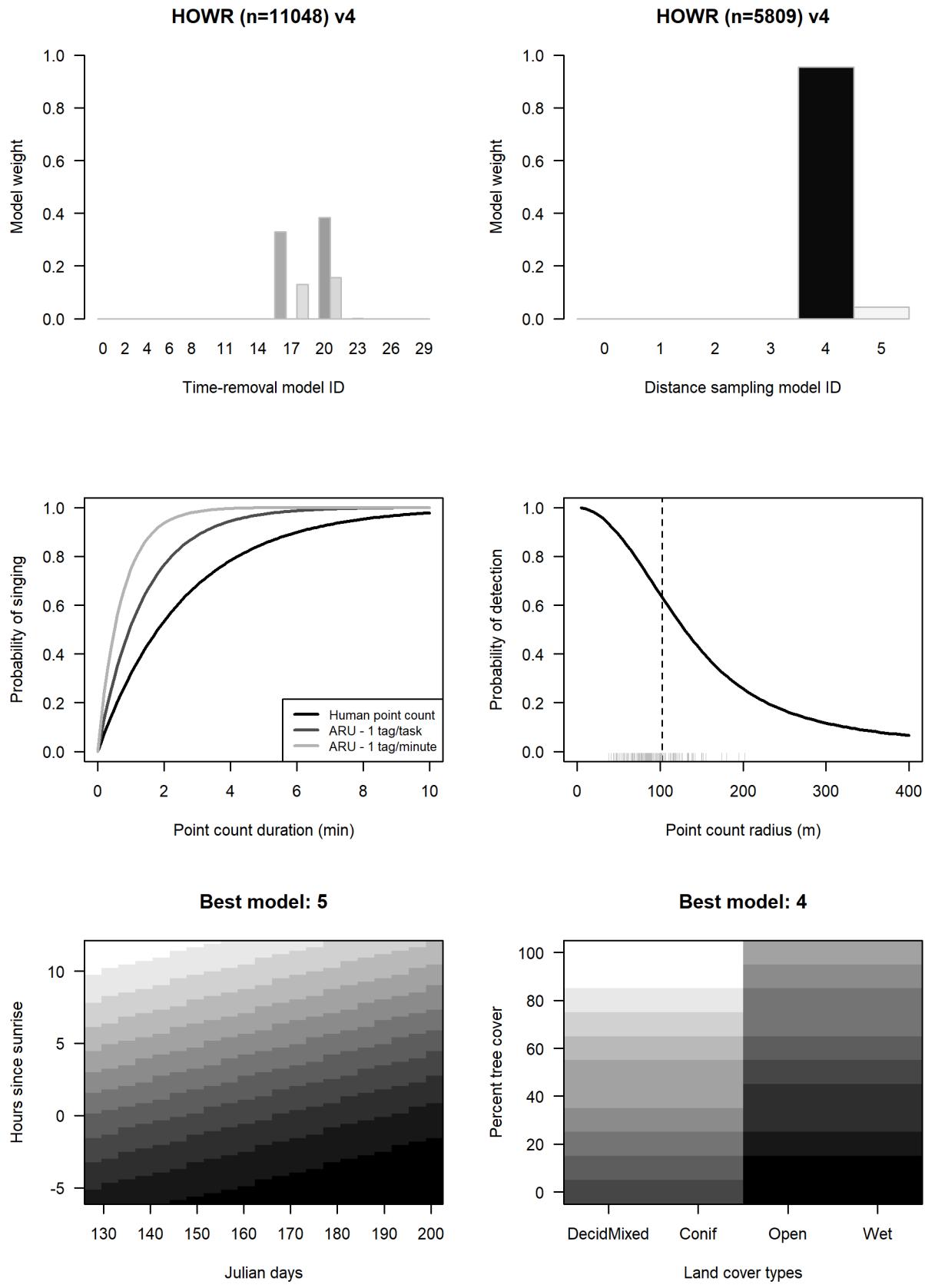


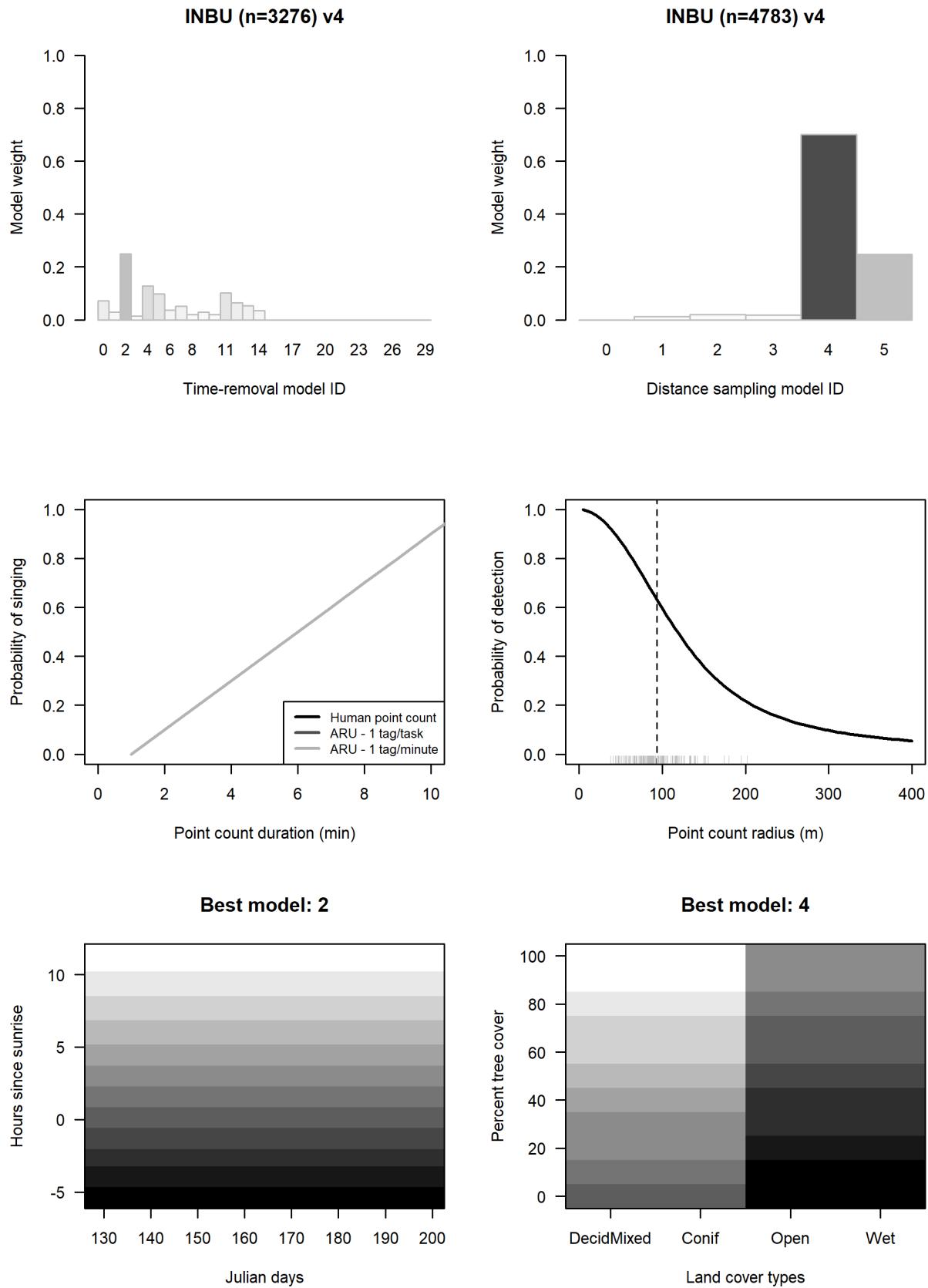


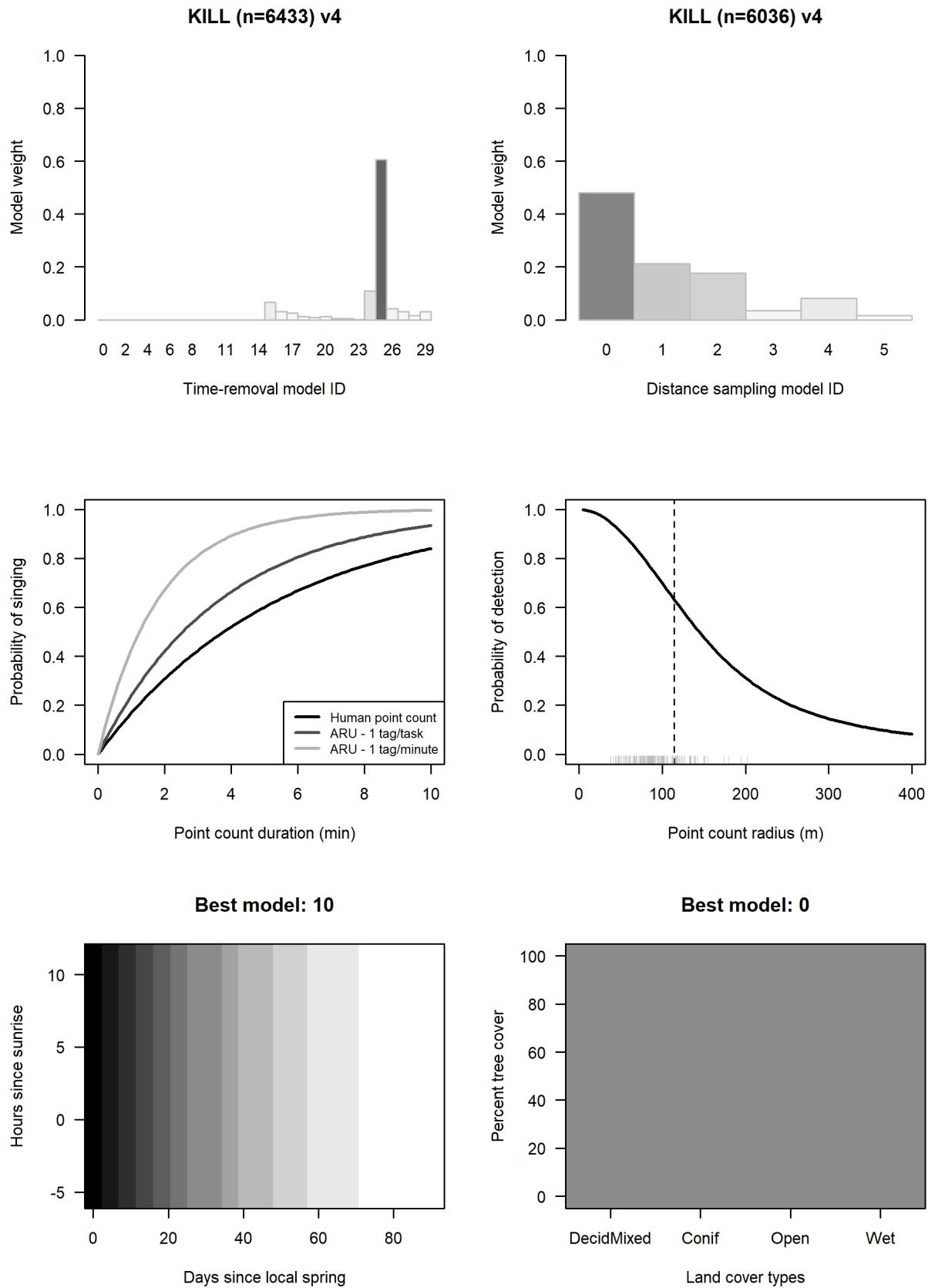


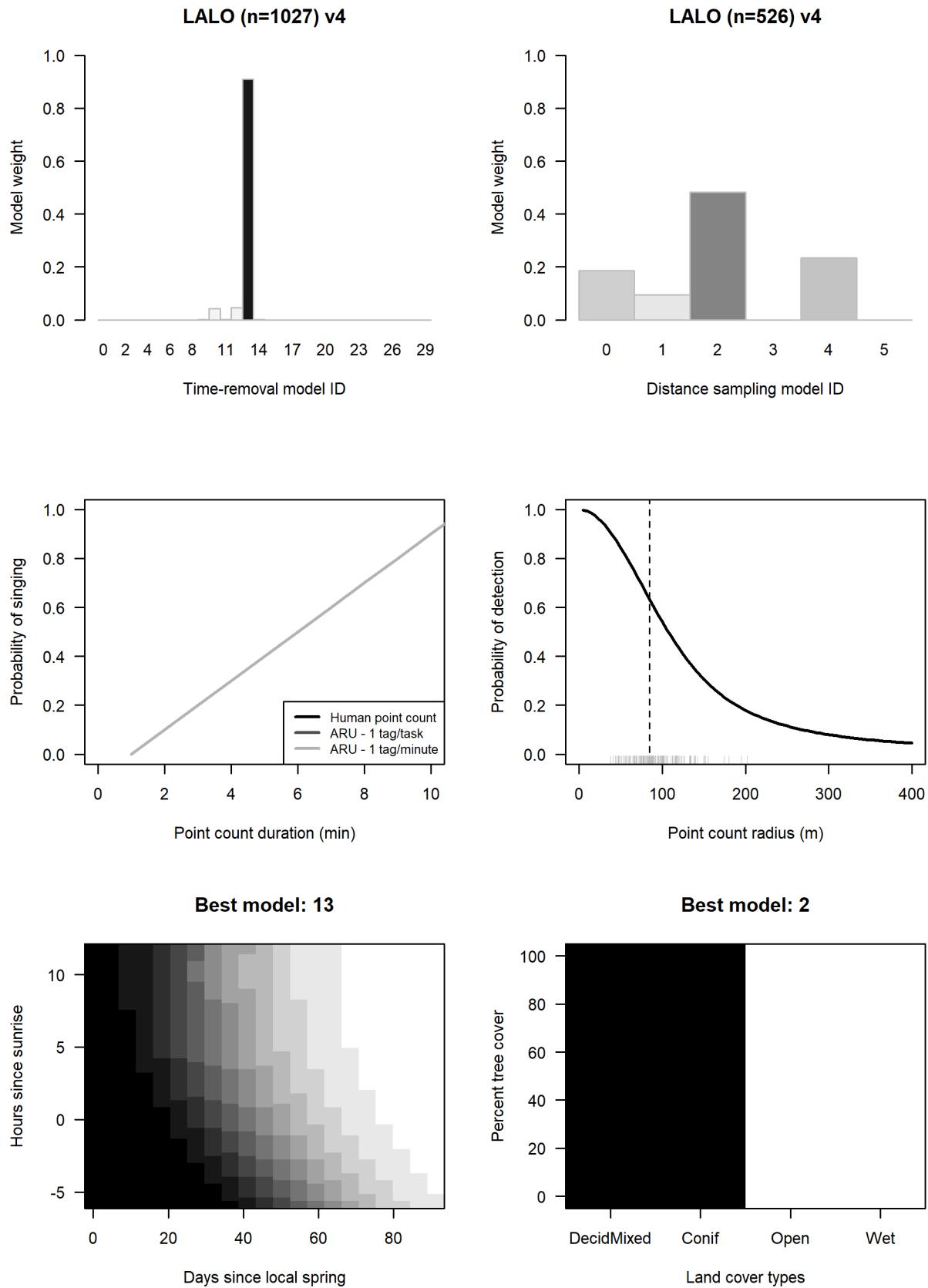


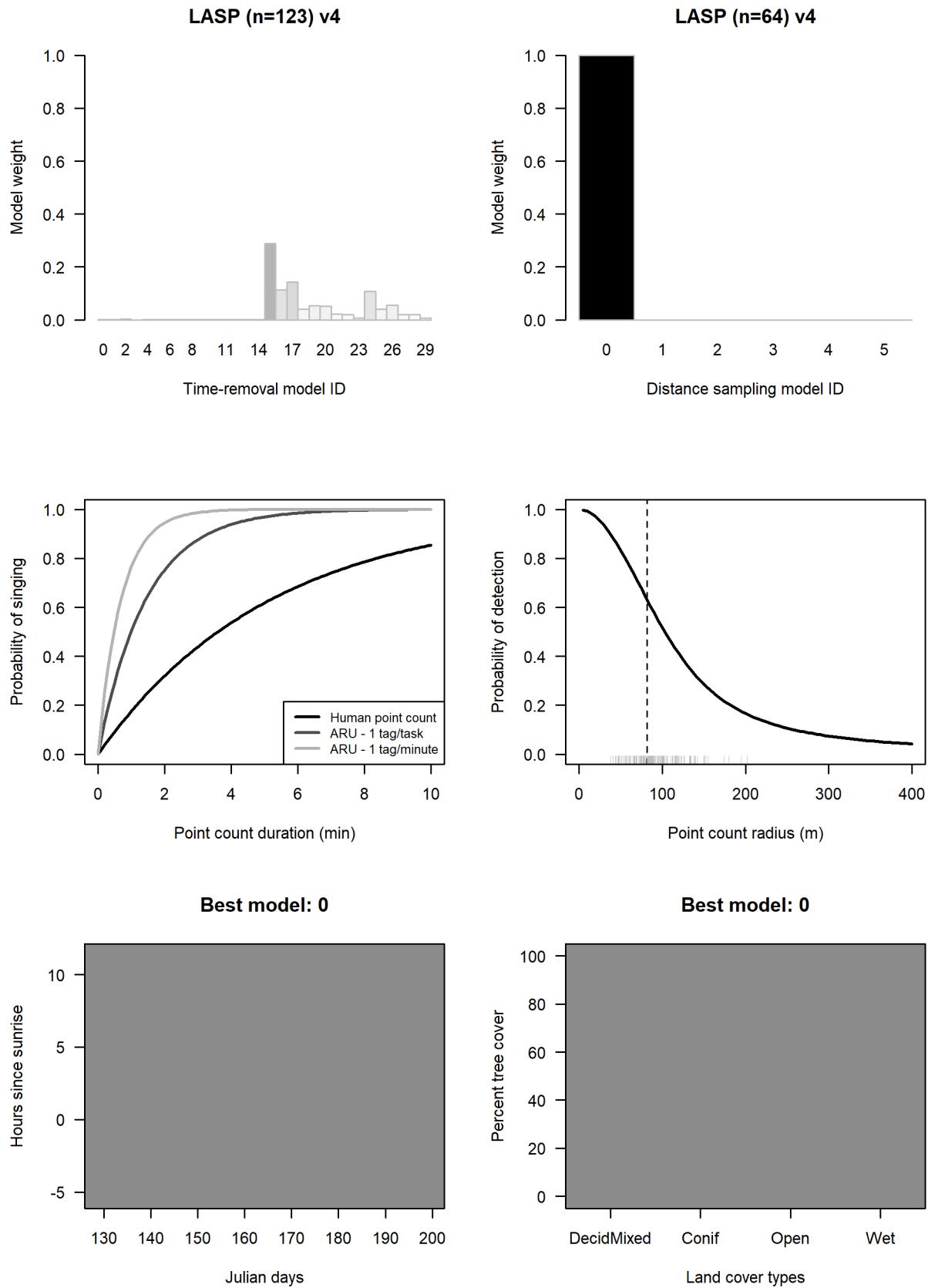


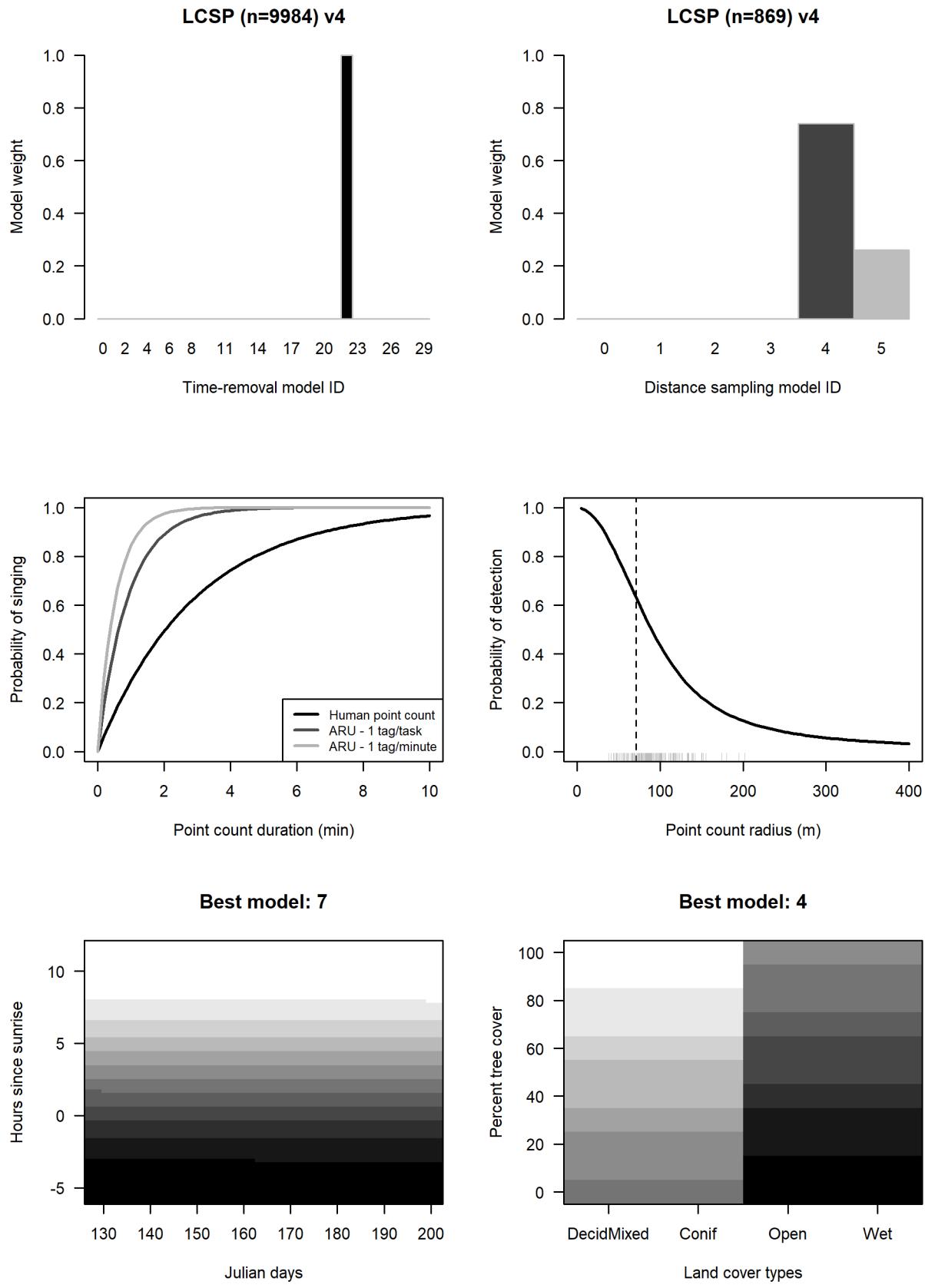


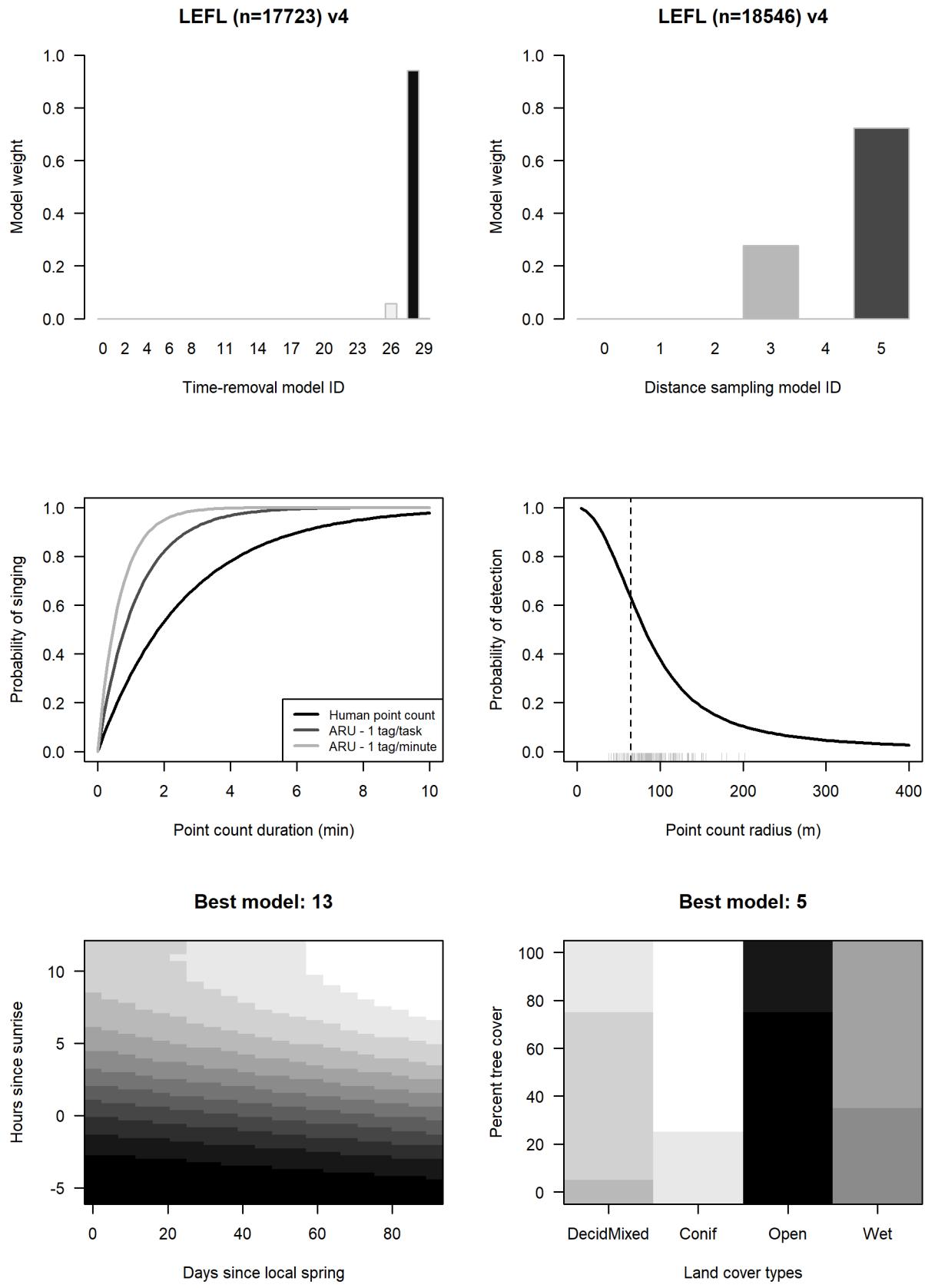


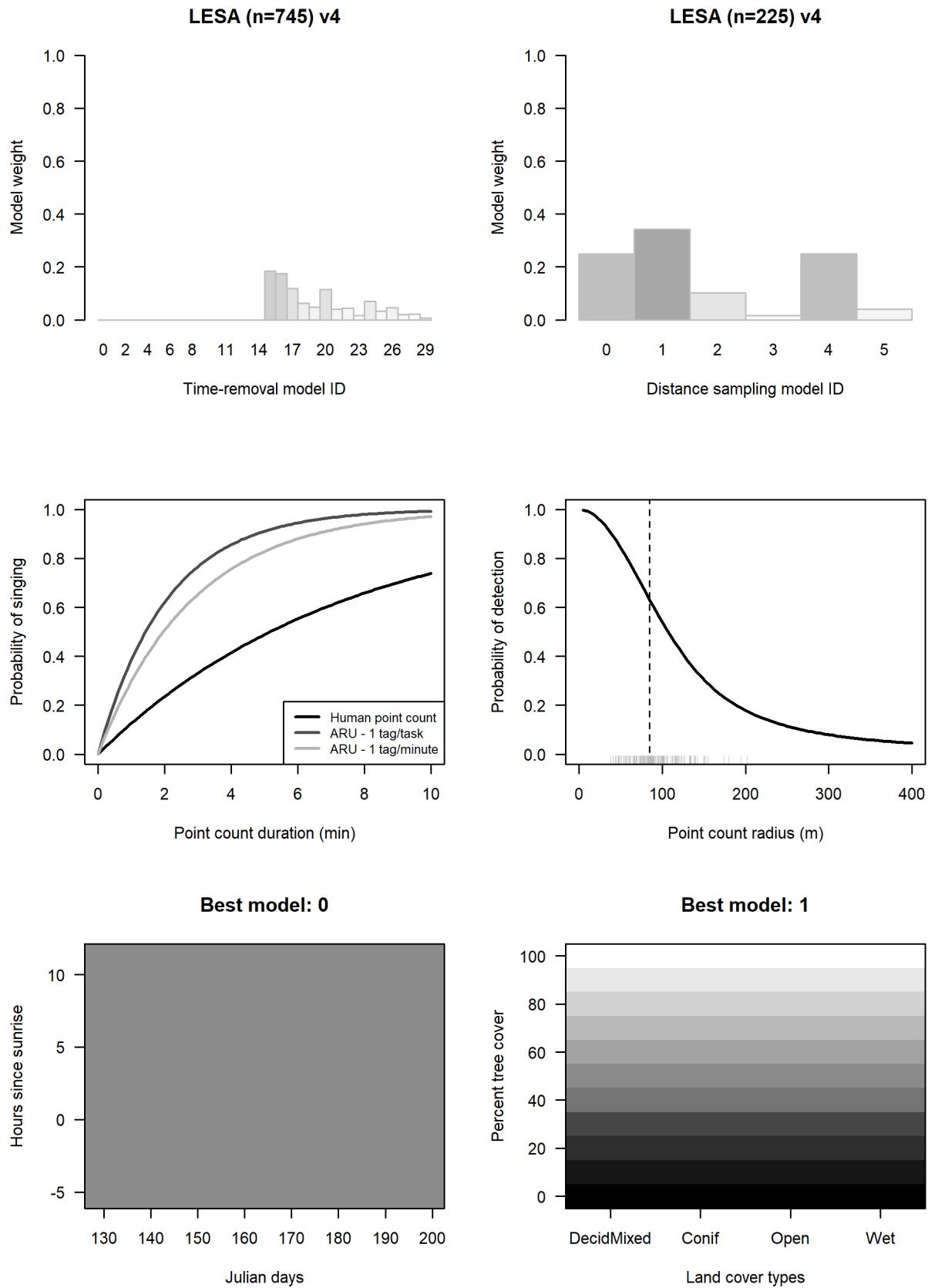


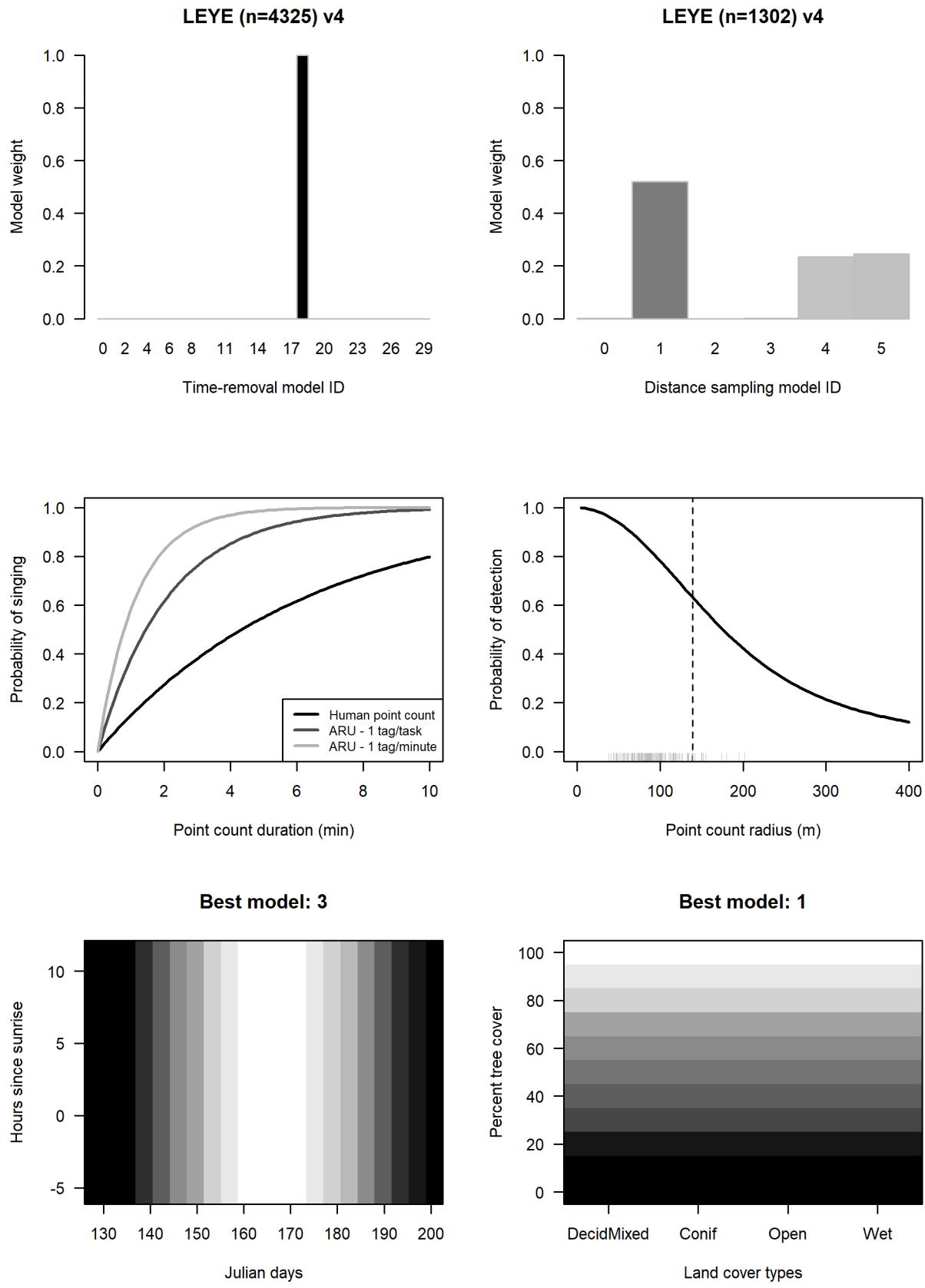


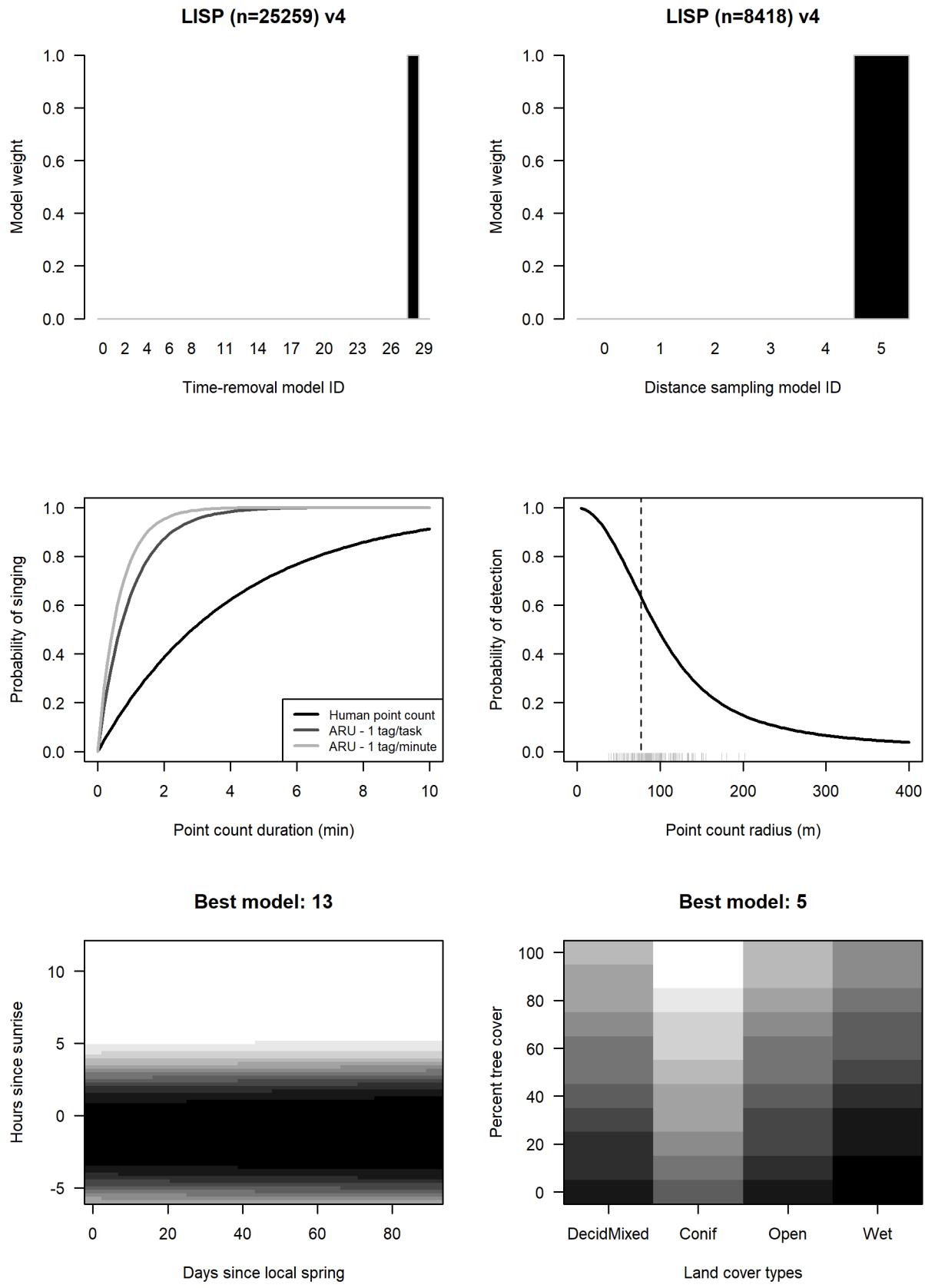


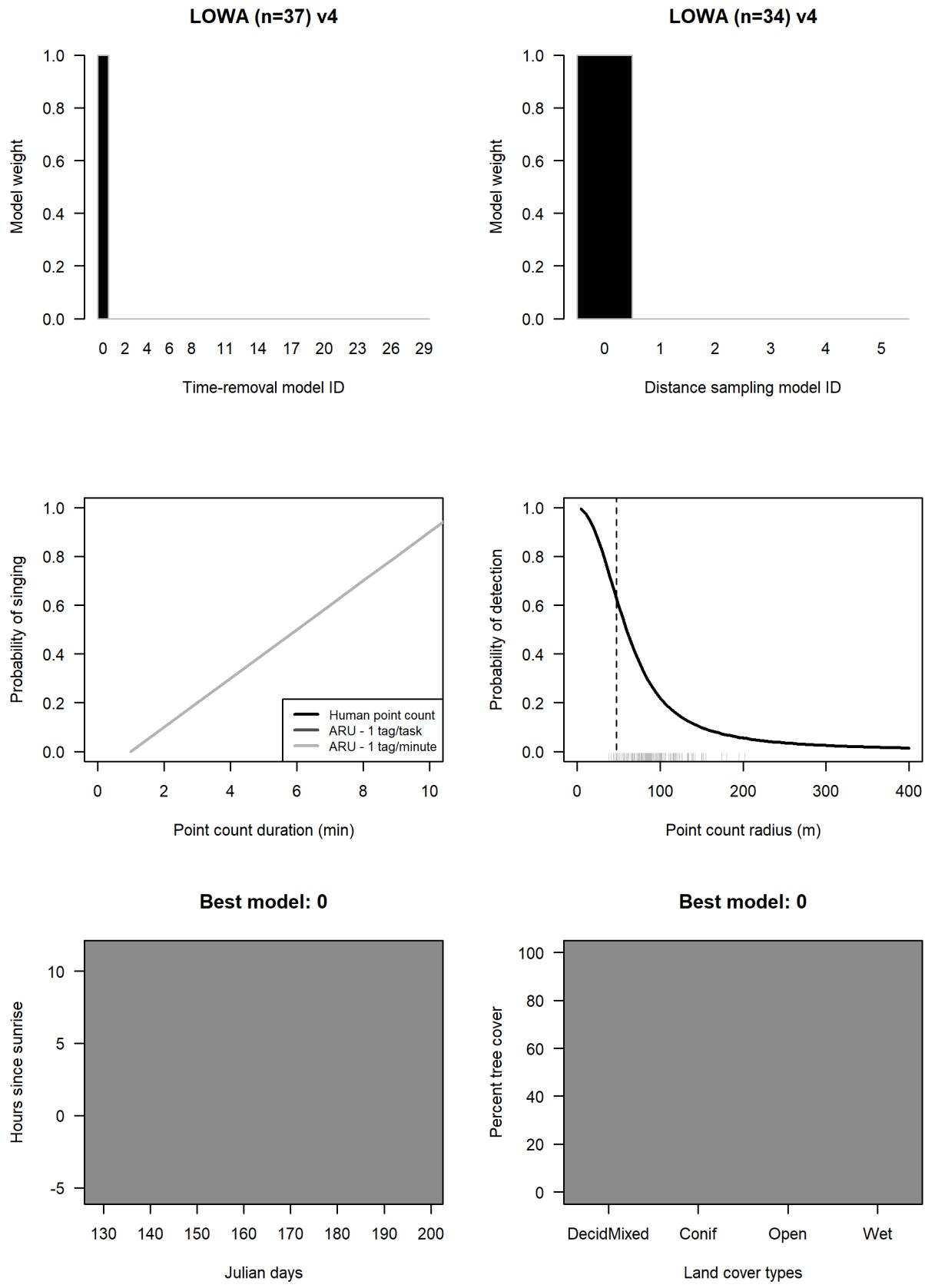


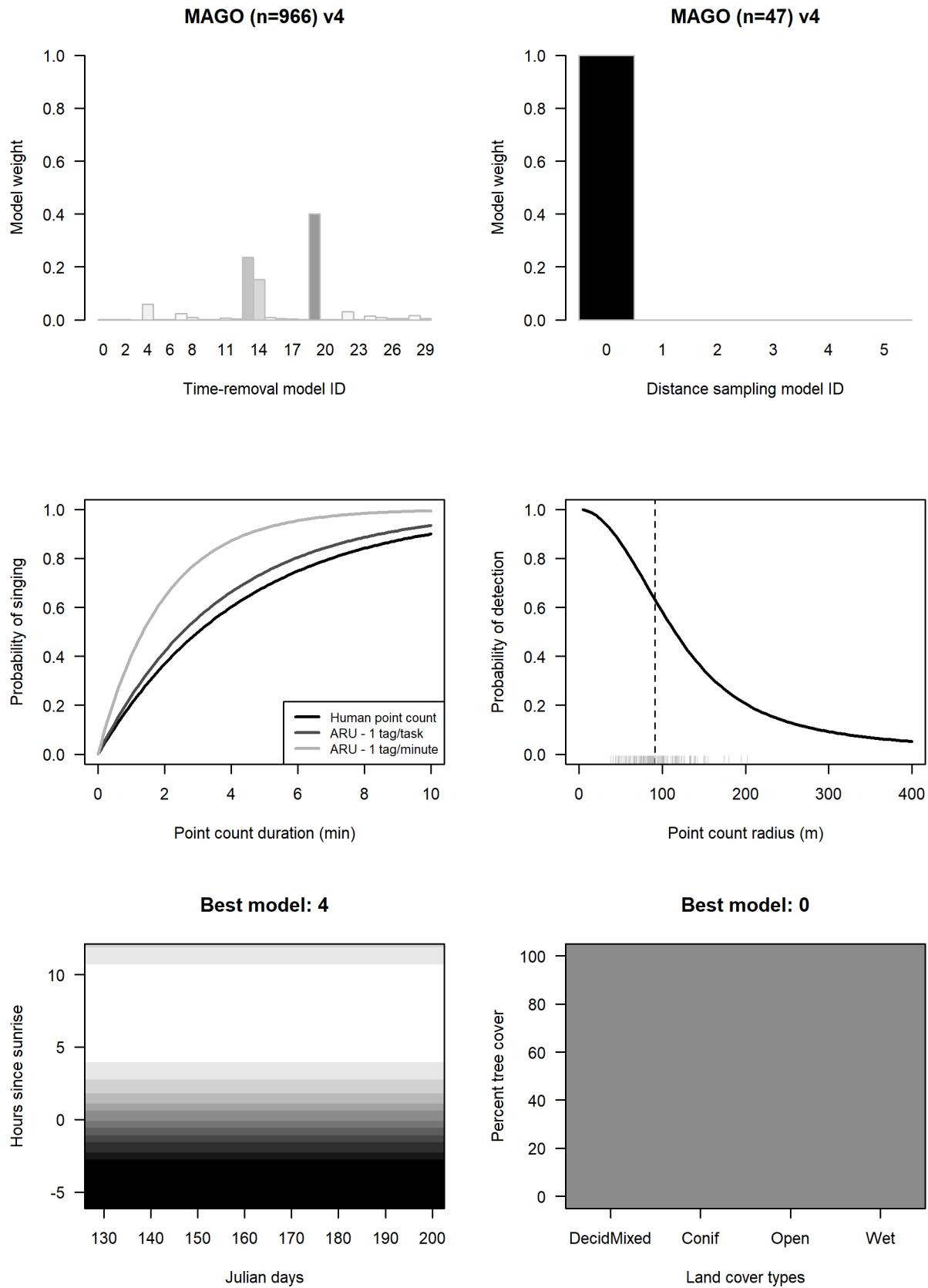


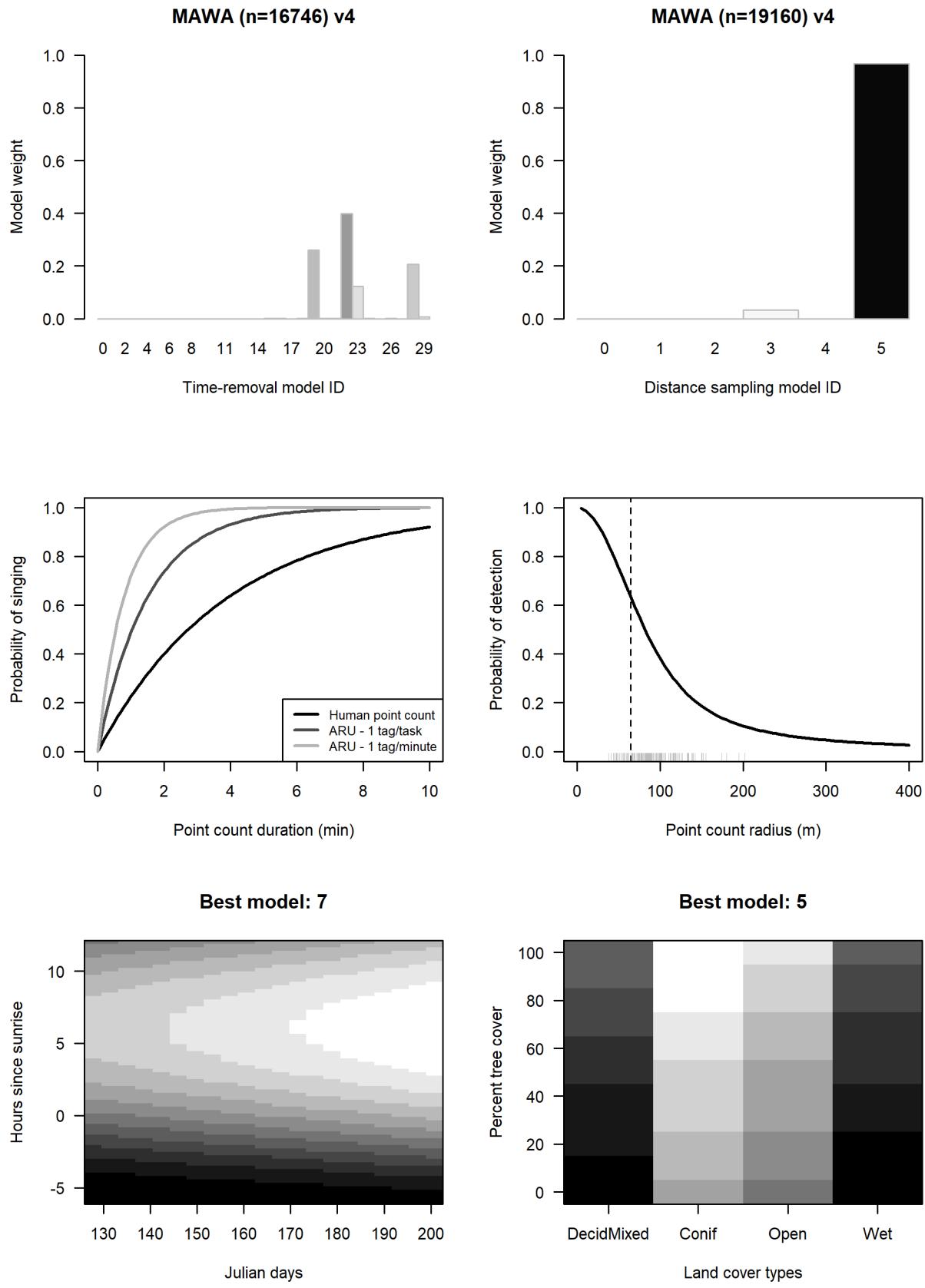


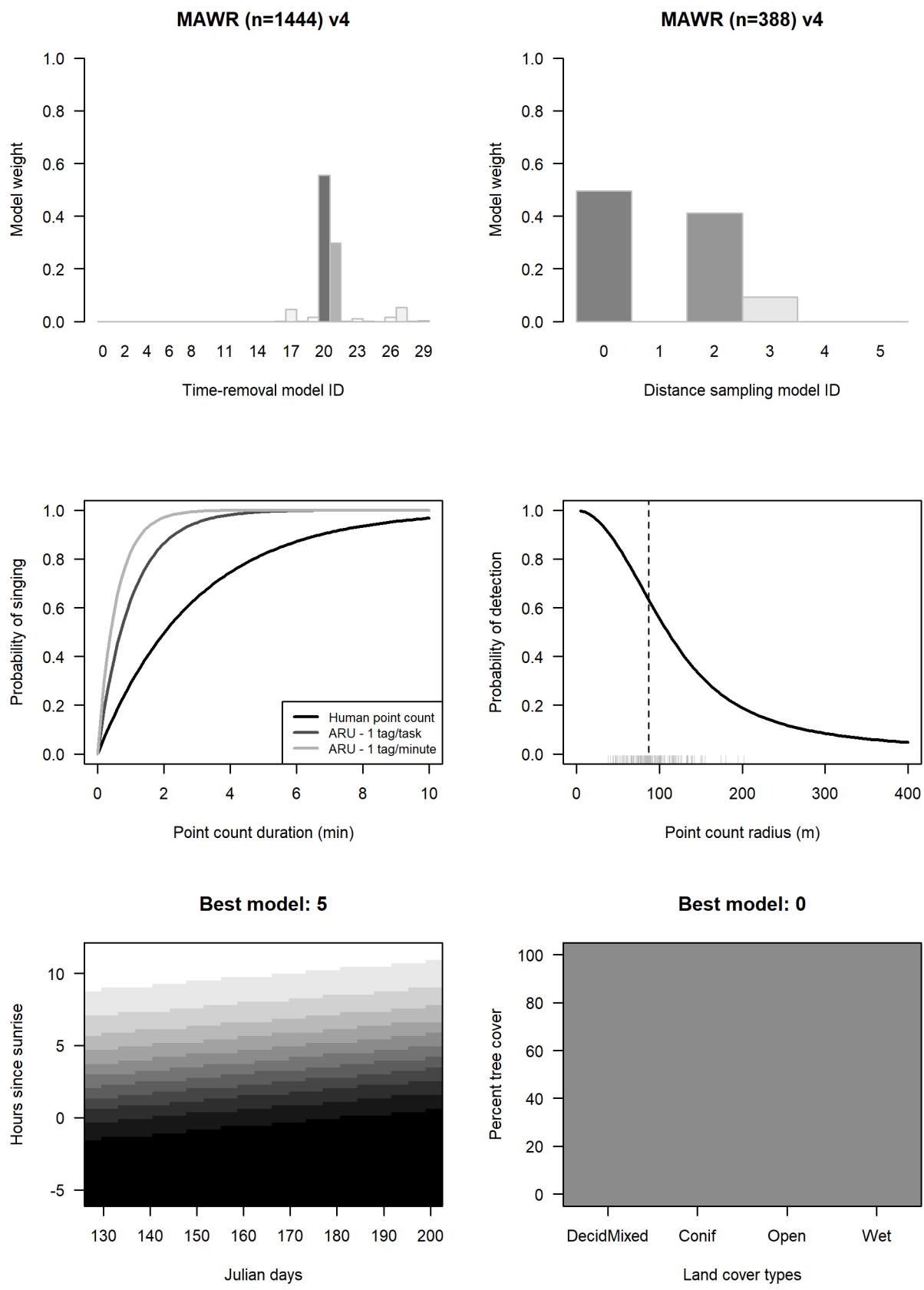


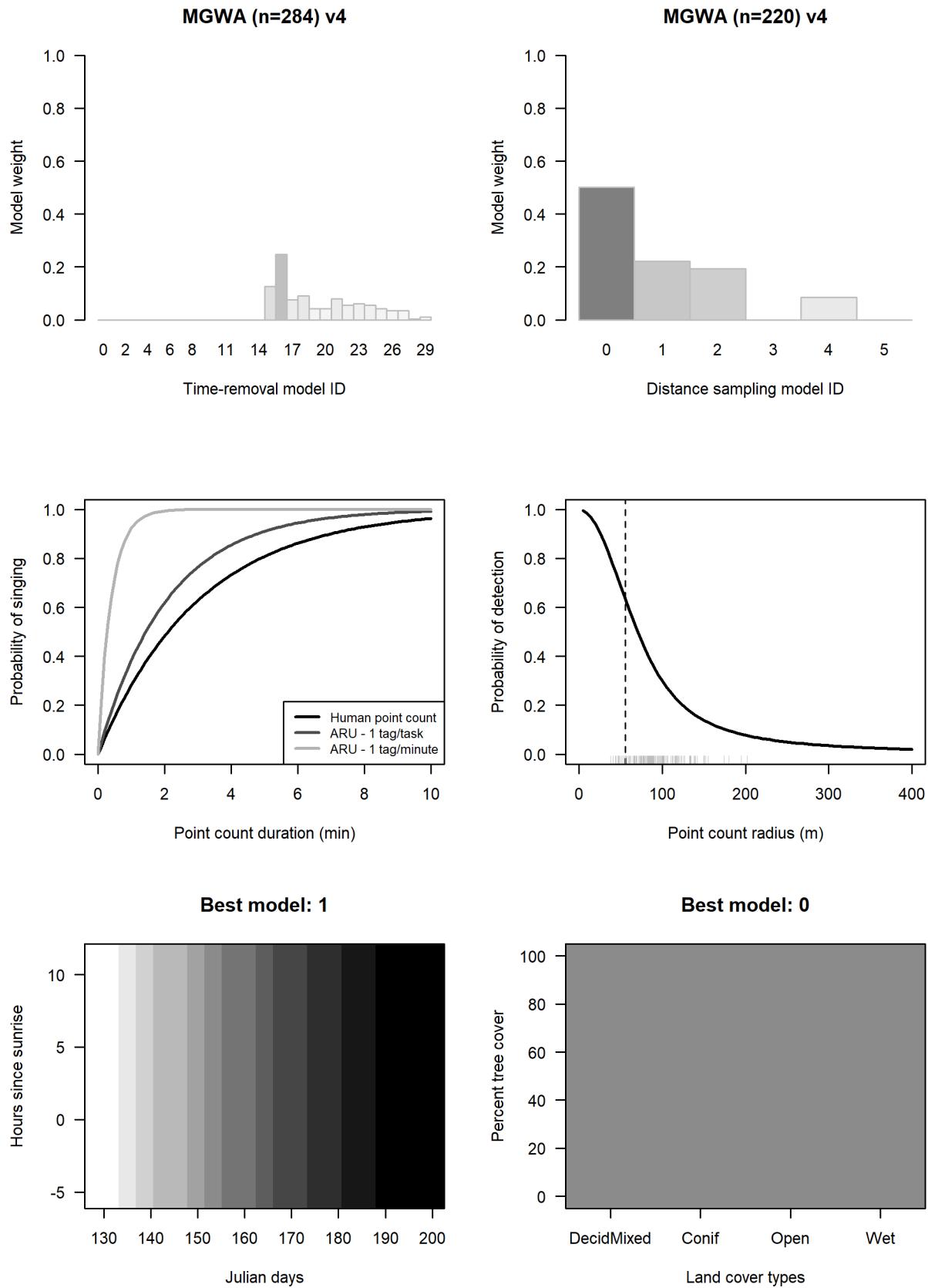


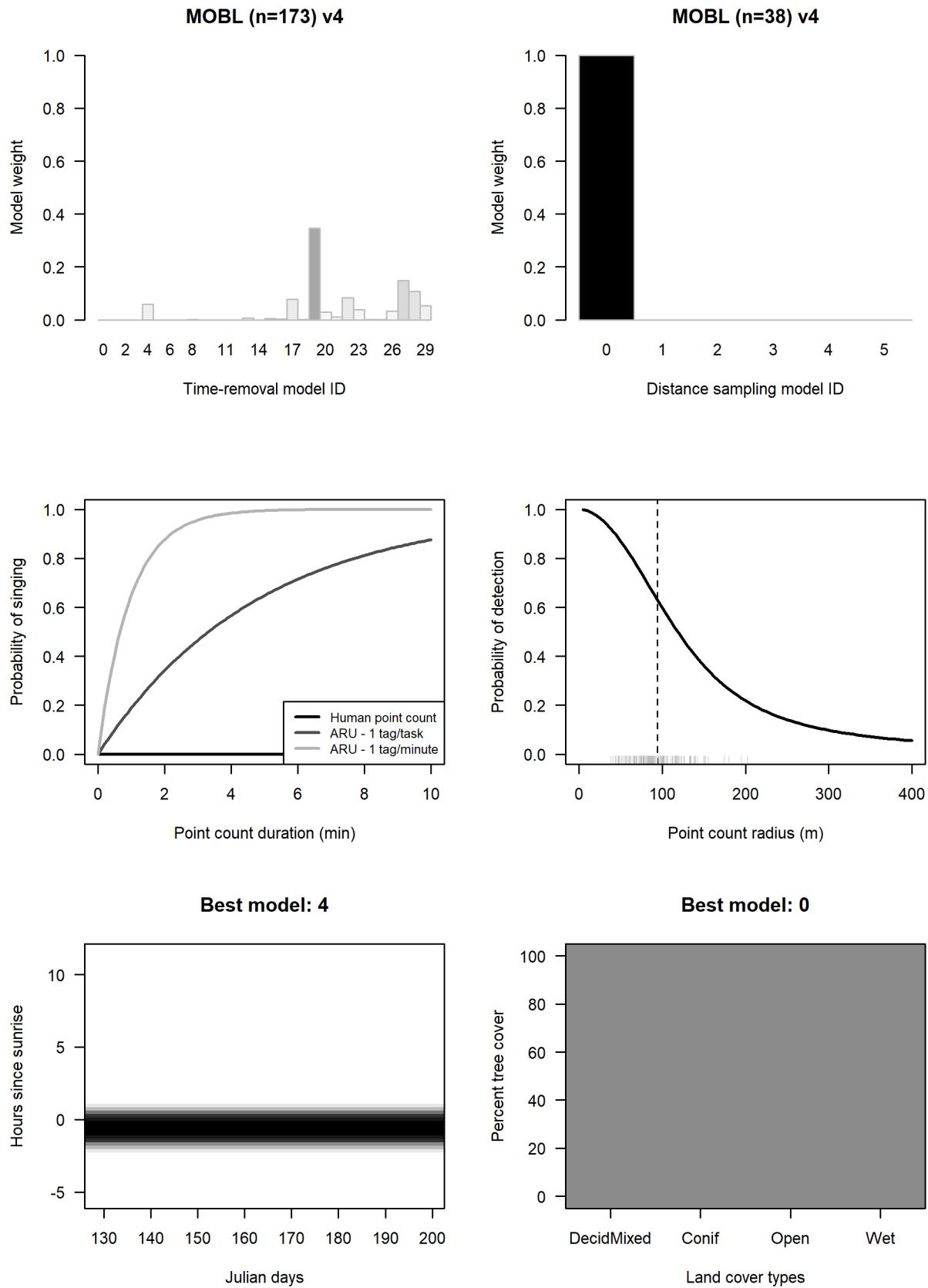


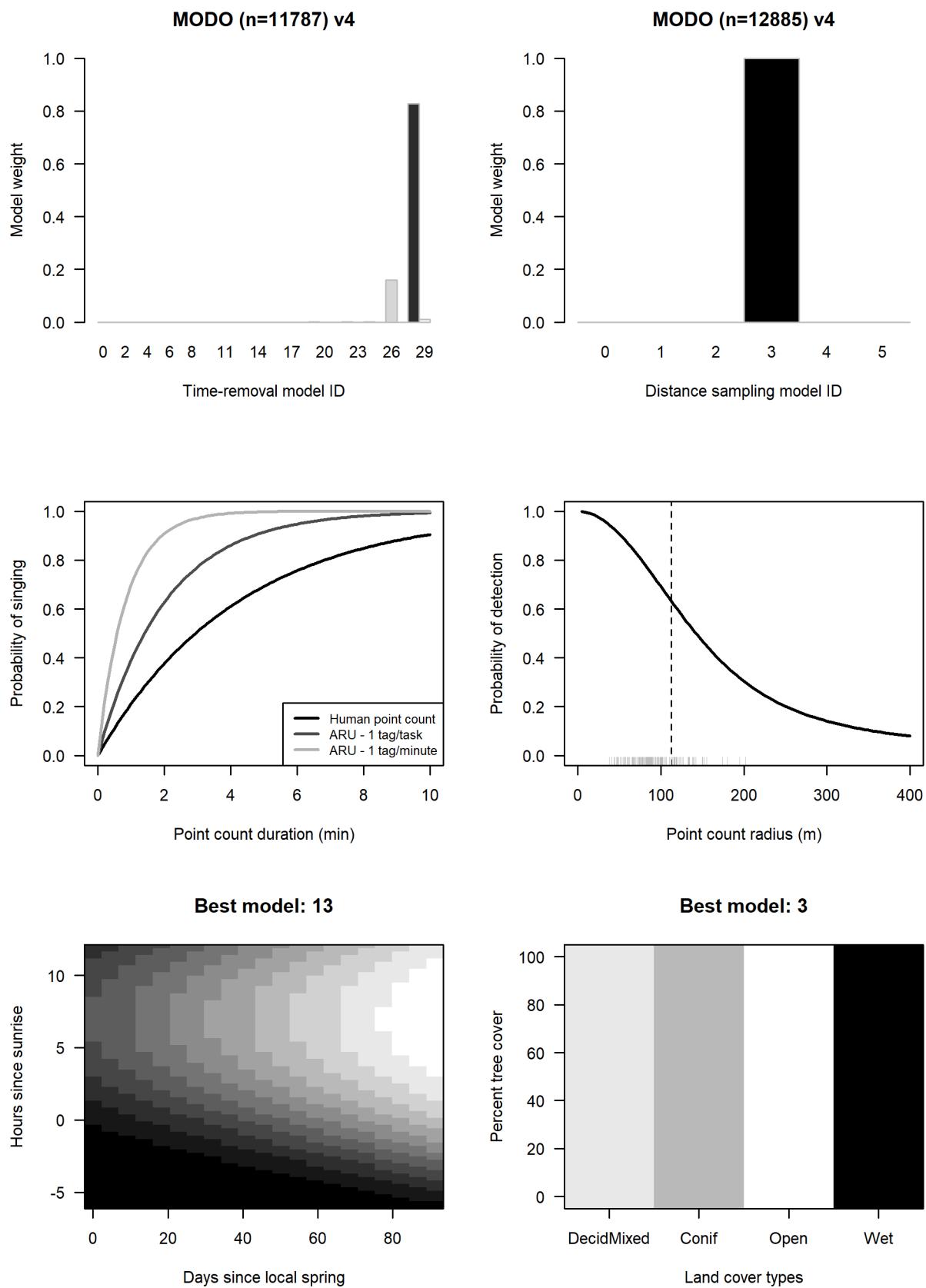


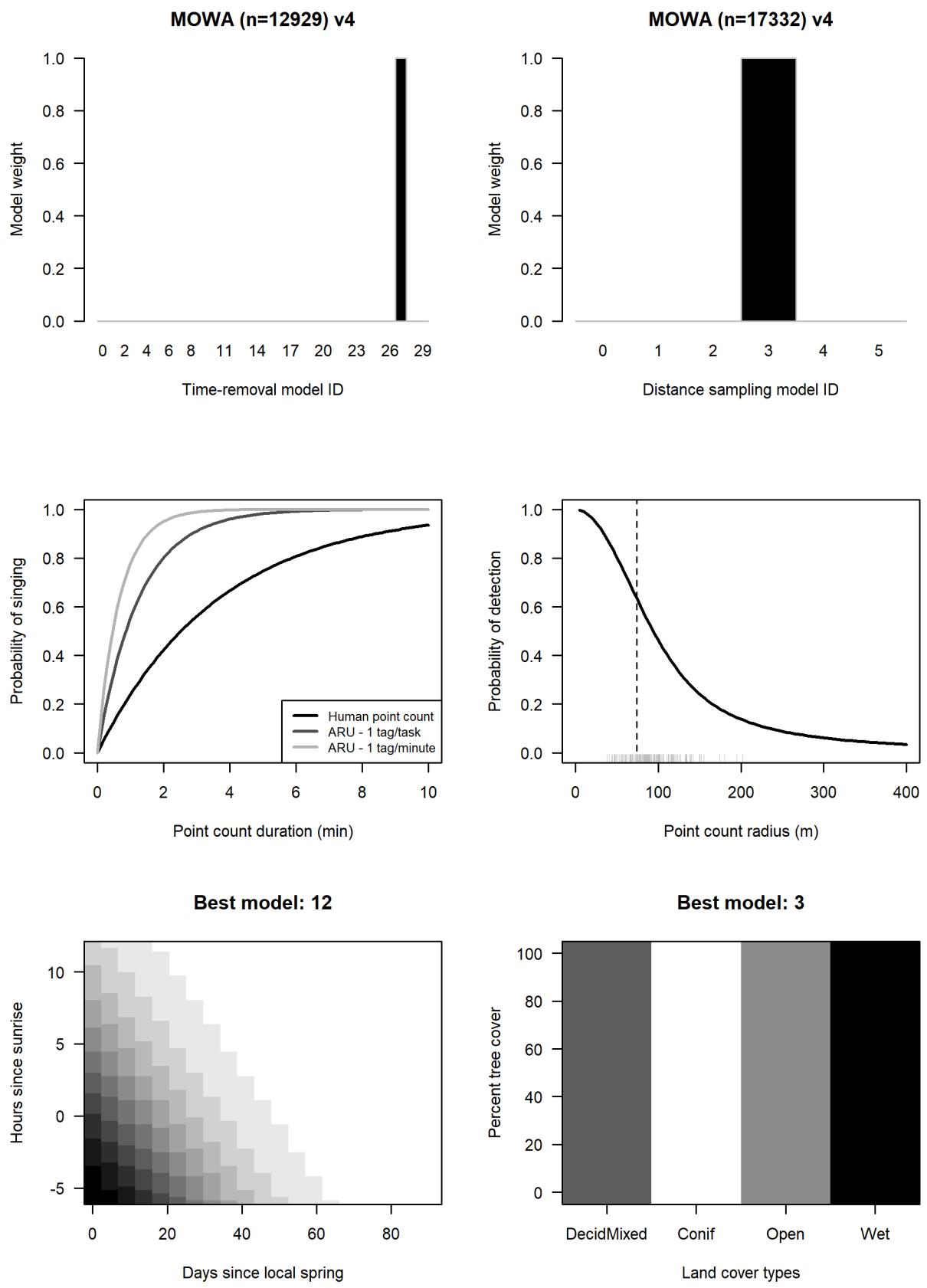


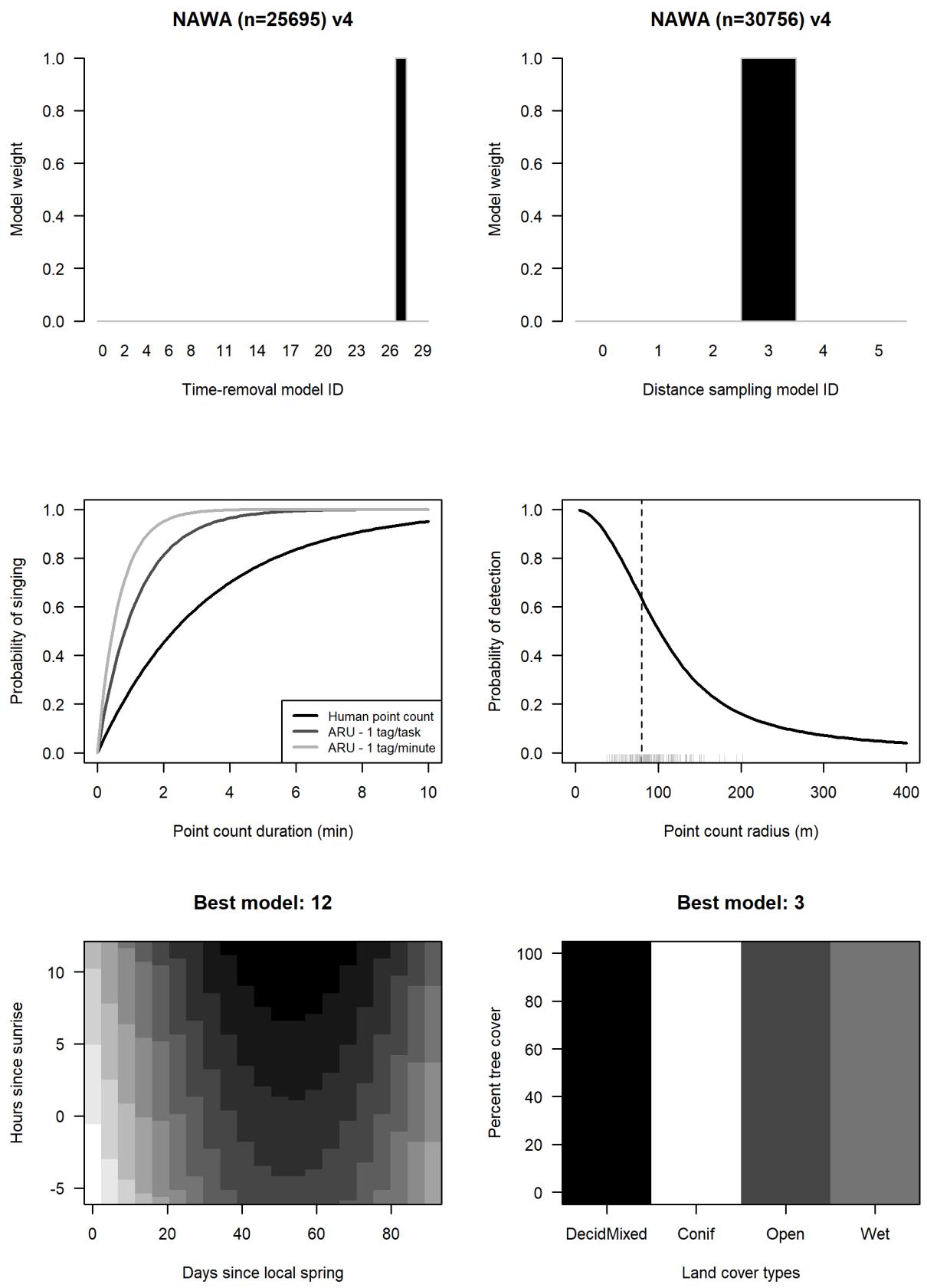


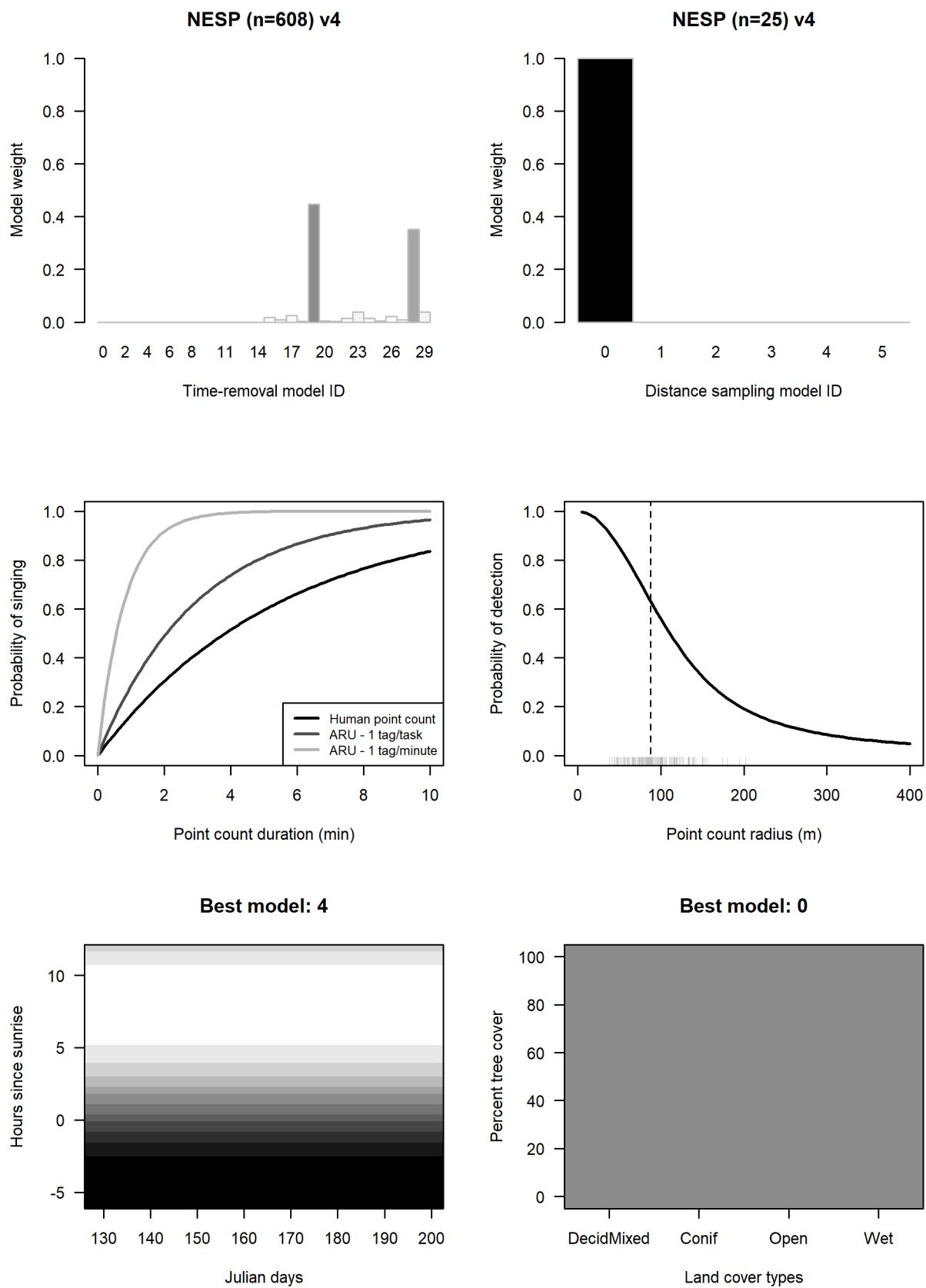


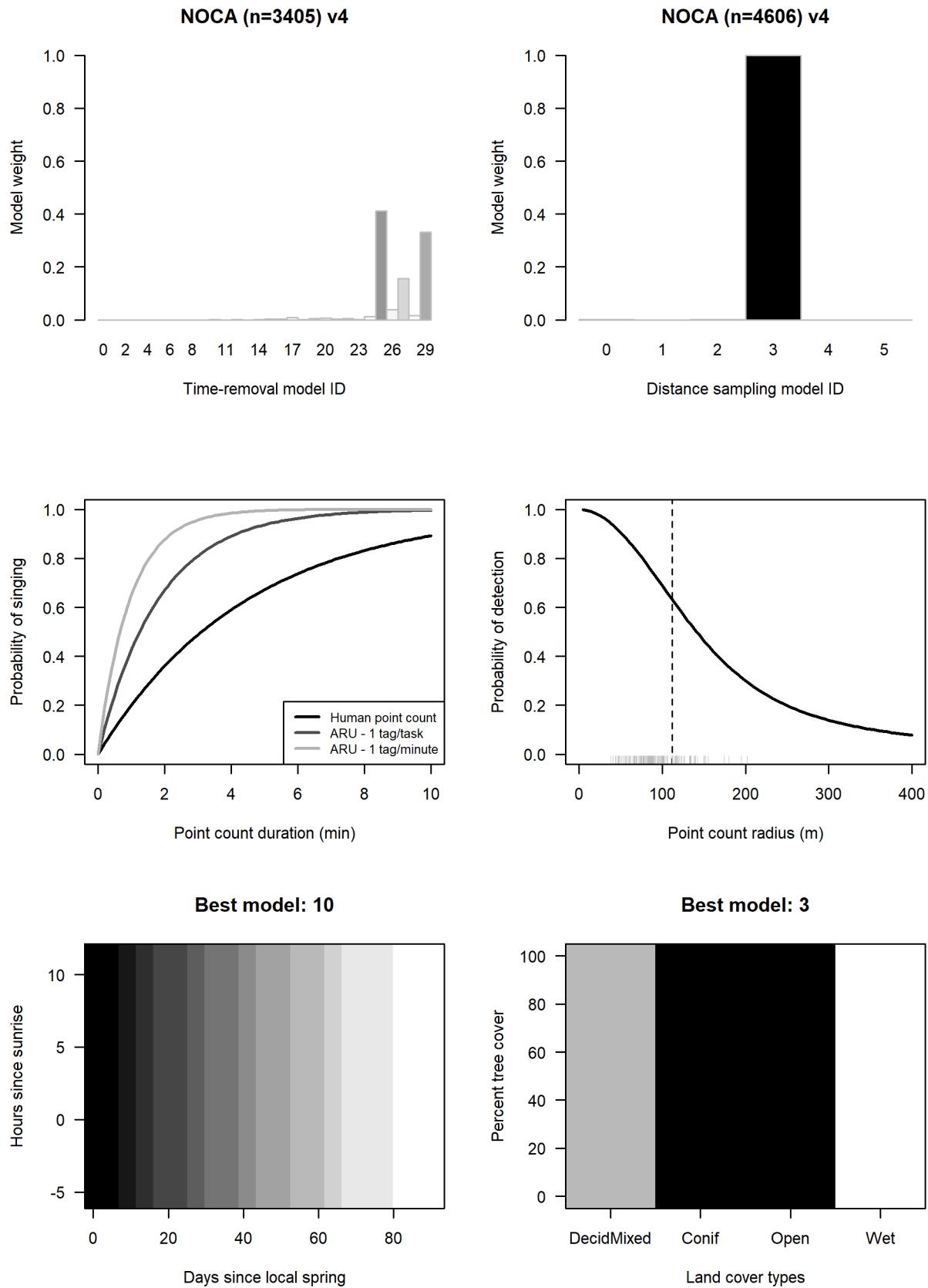


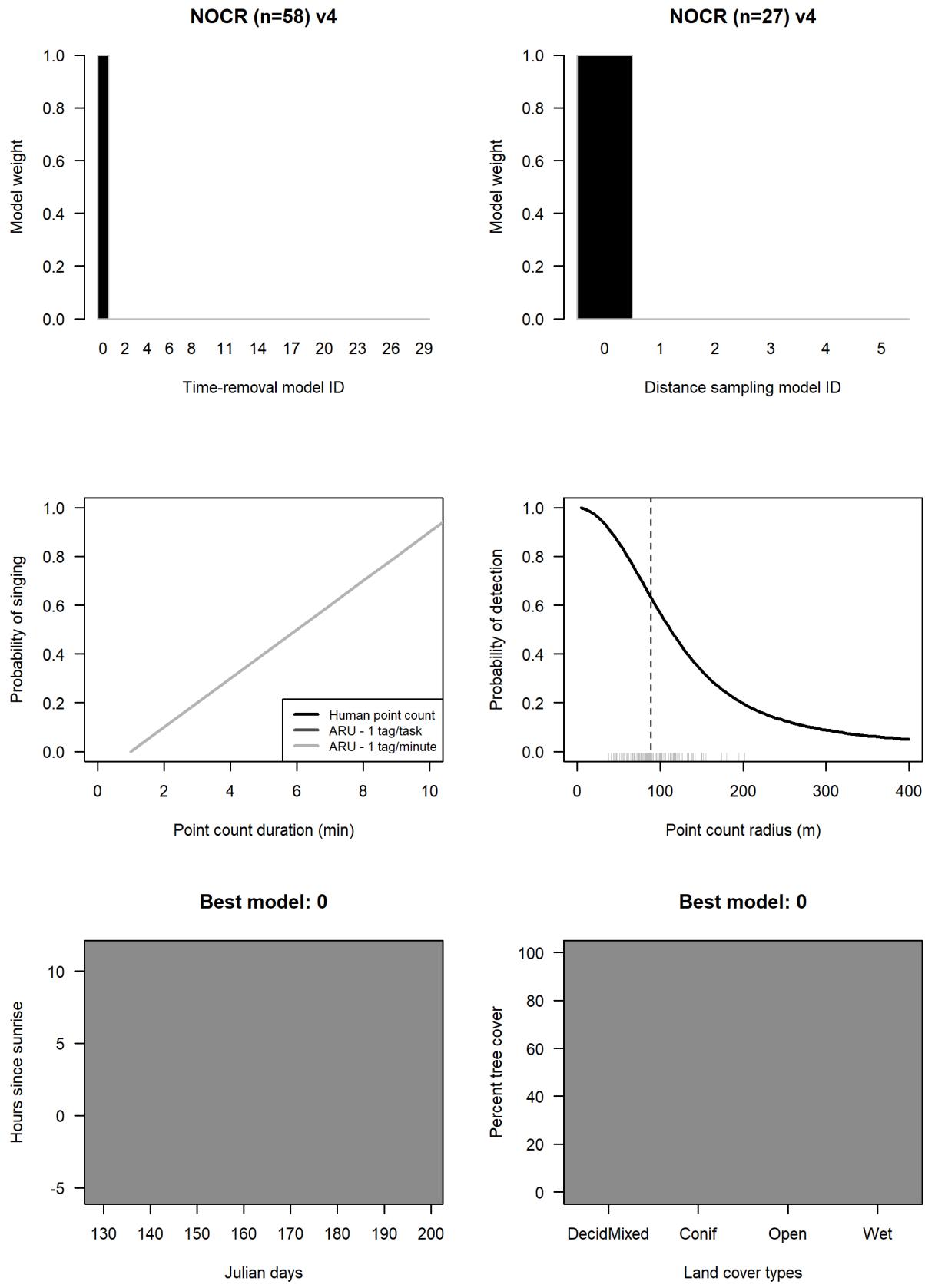


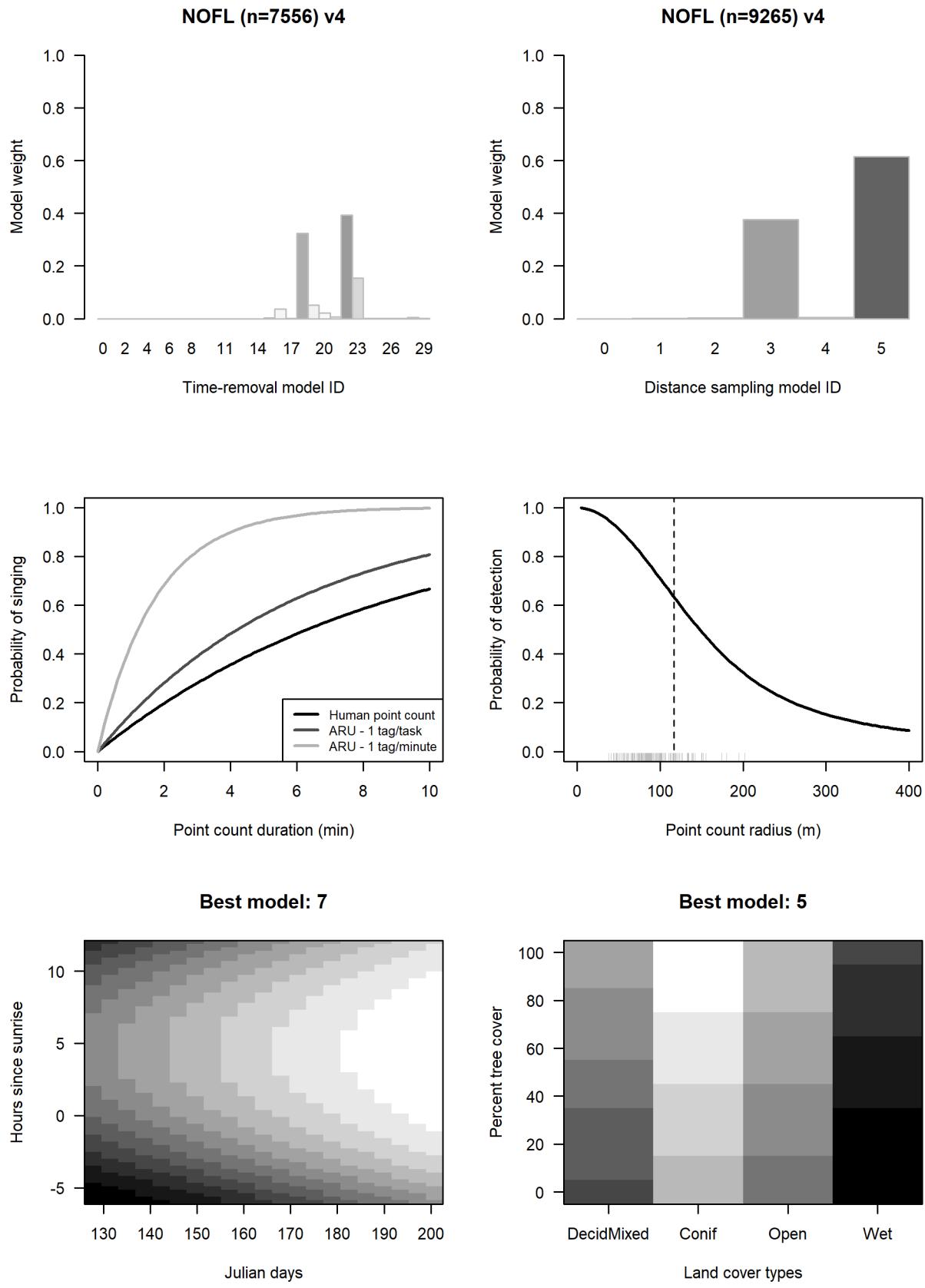




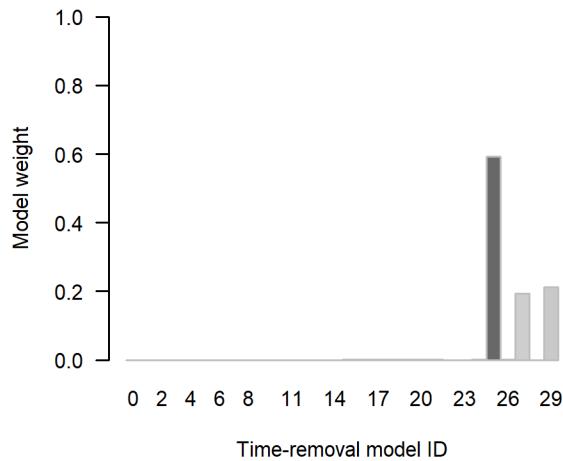




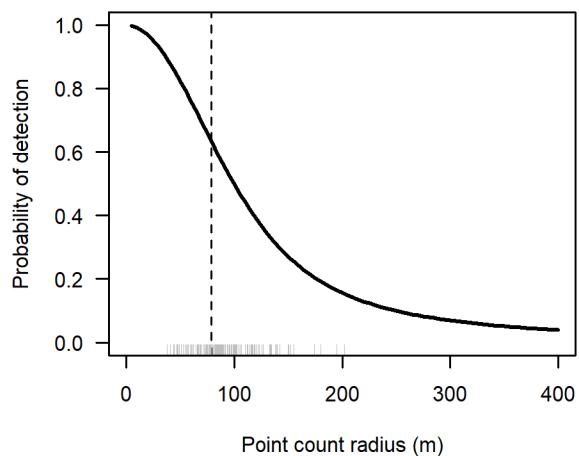
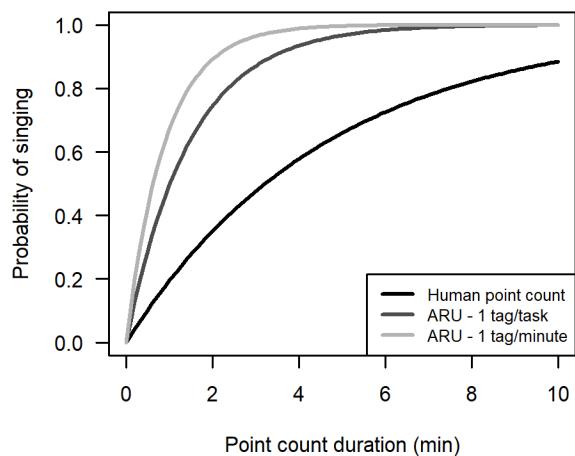
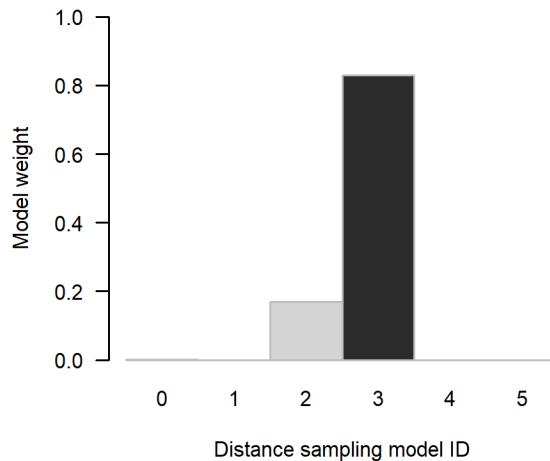




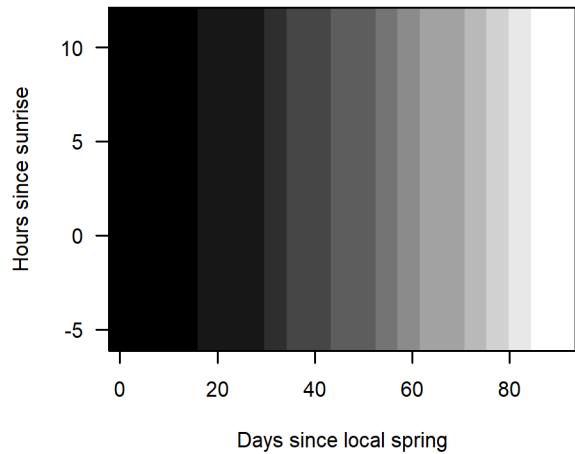
NOPA (n=5069) v4



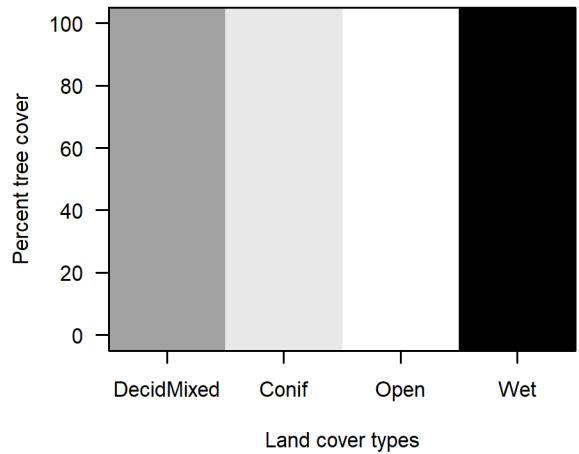
NOPA (n=4737) v4

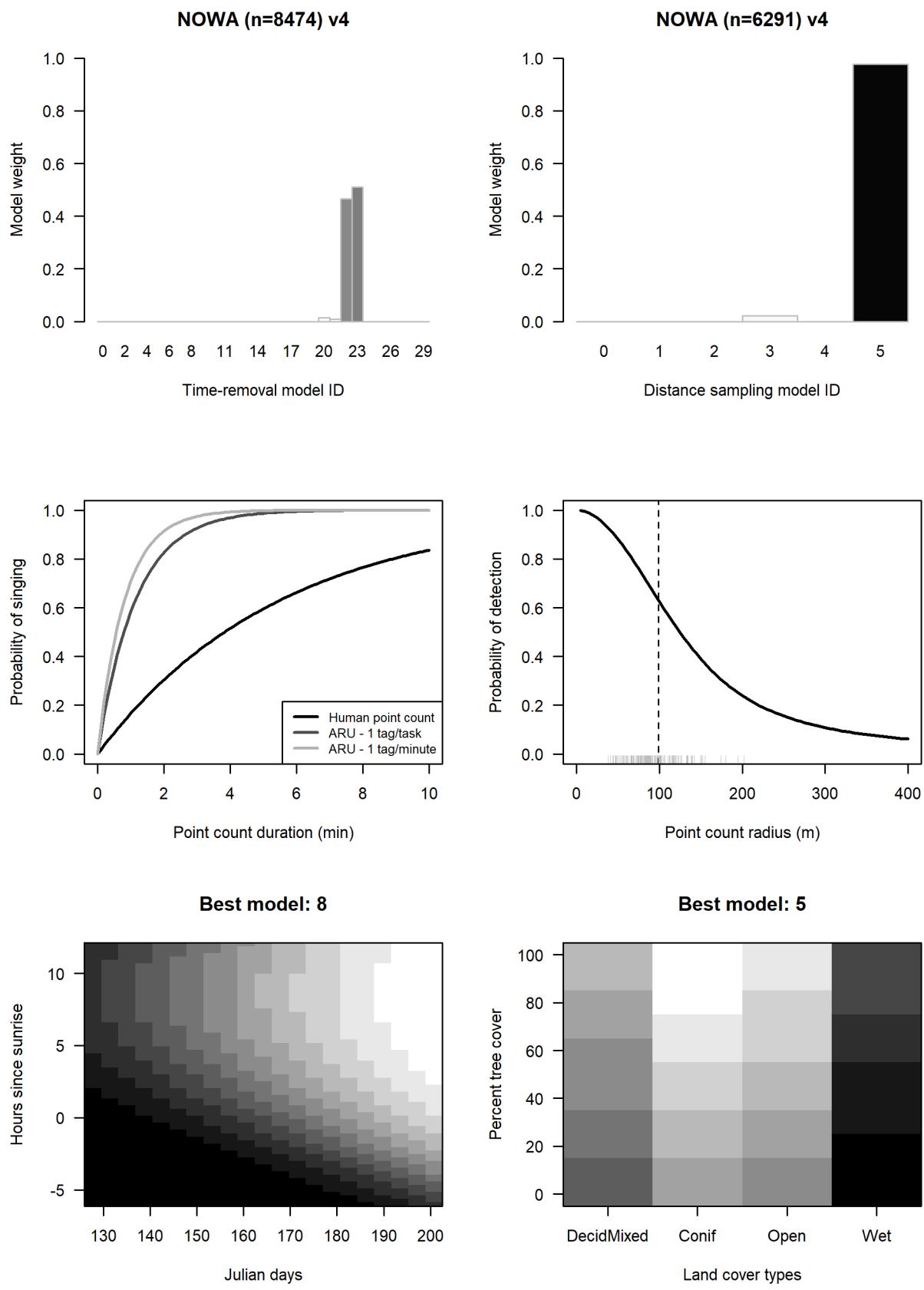


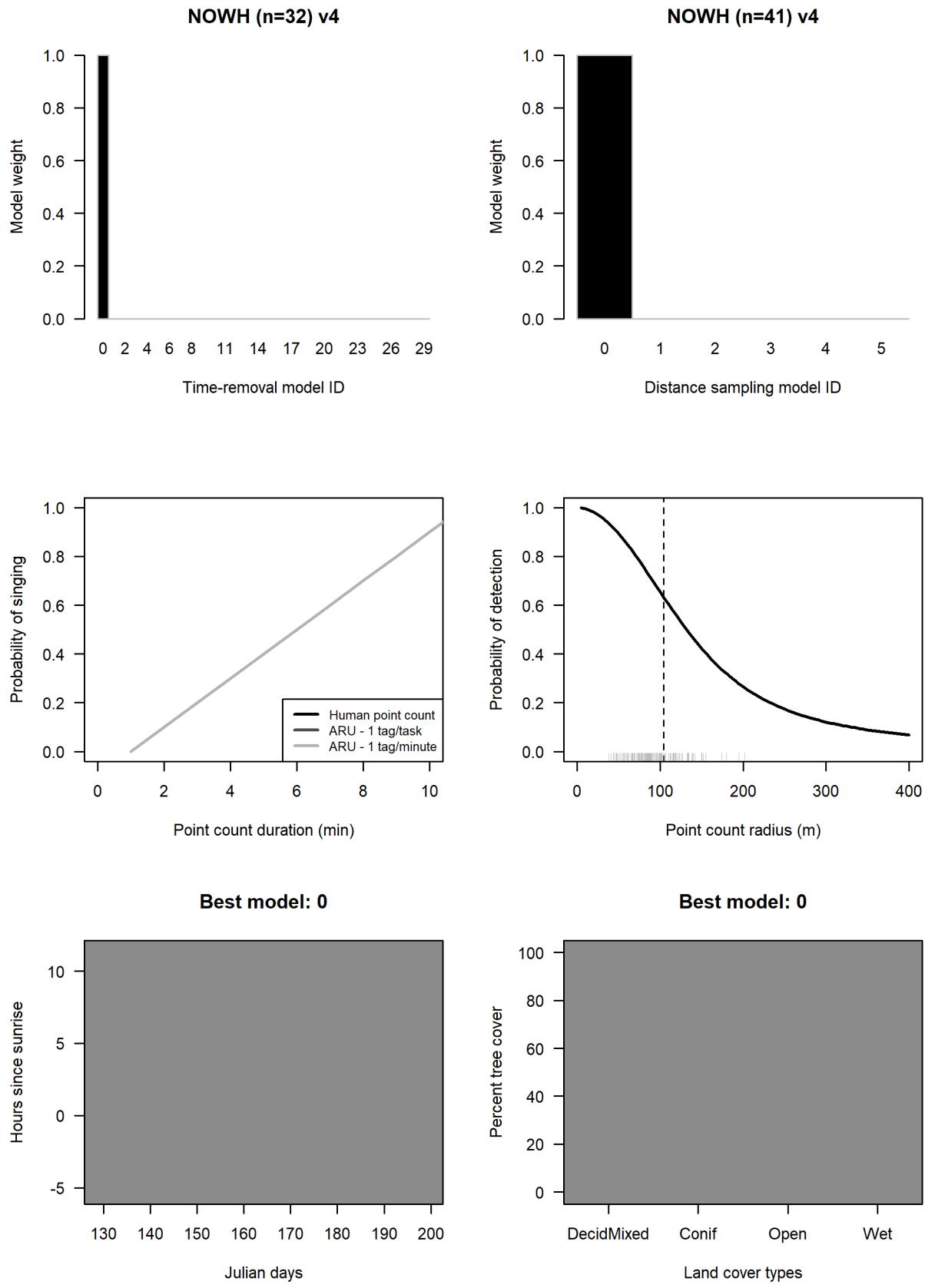
Best model: 10

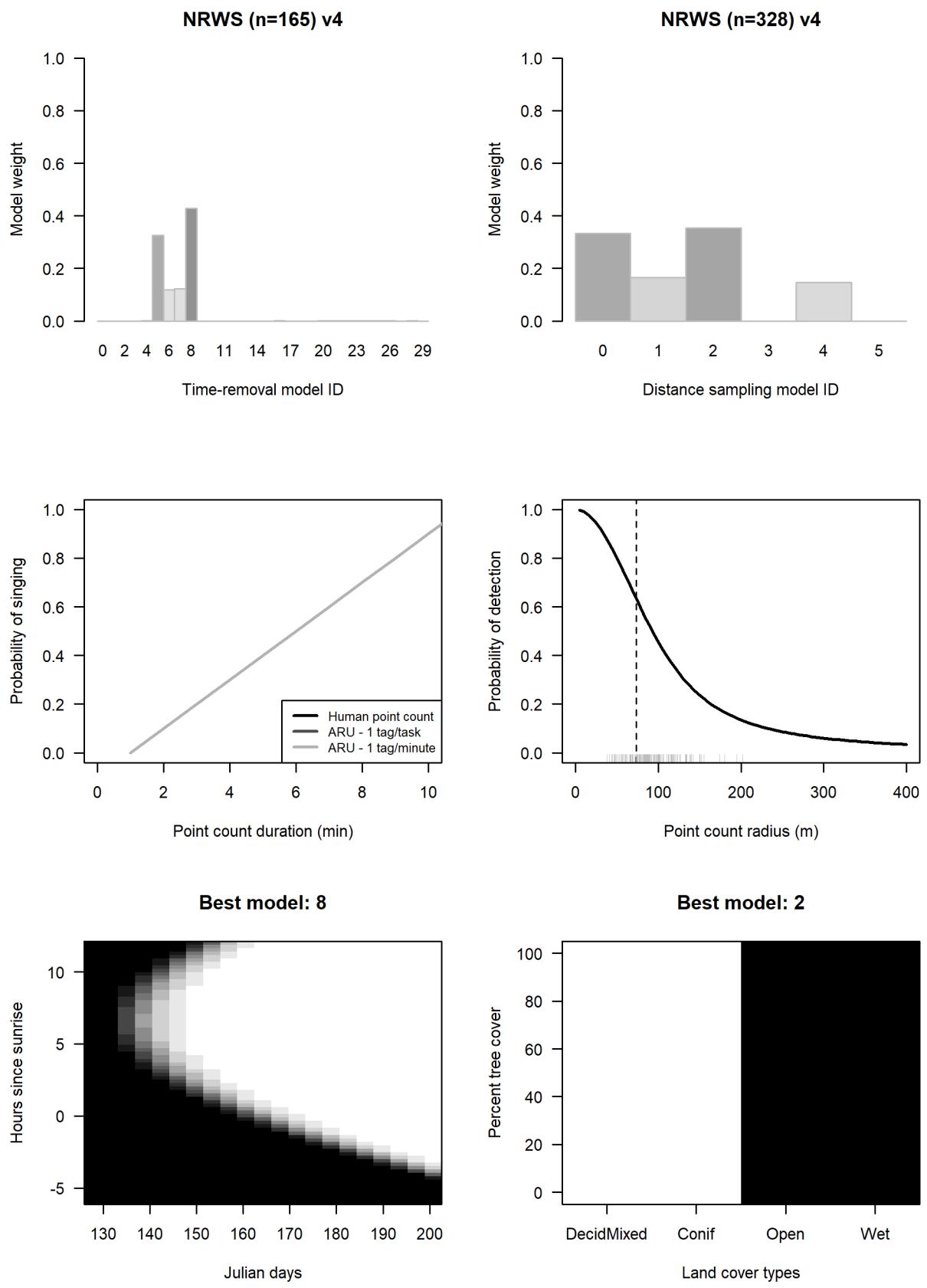


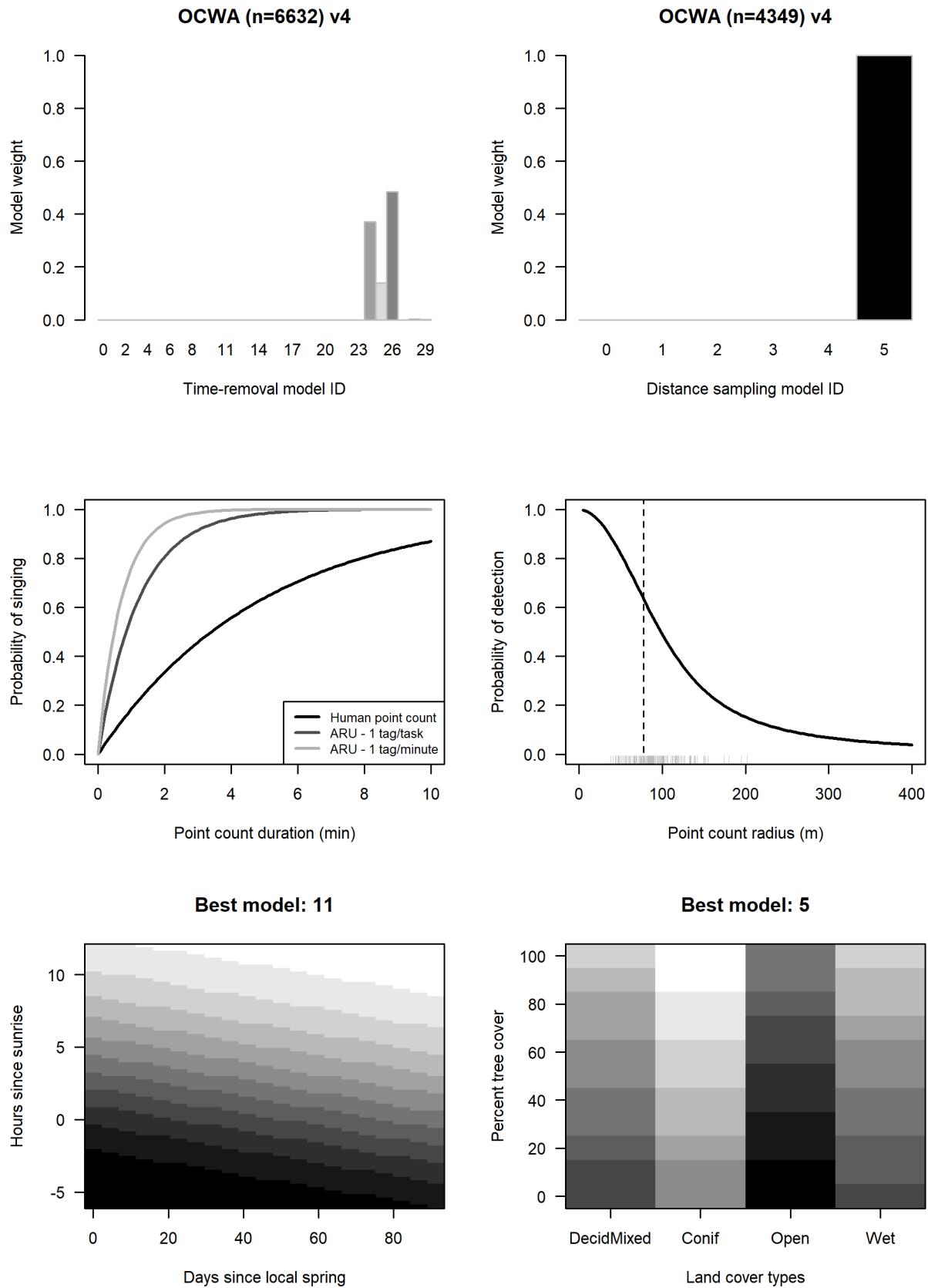
Best model: 3

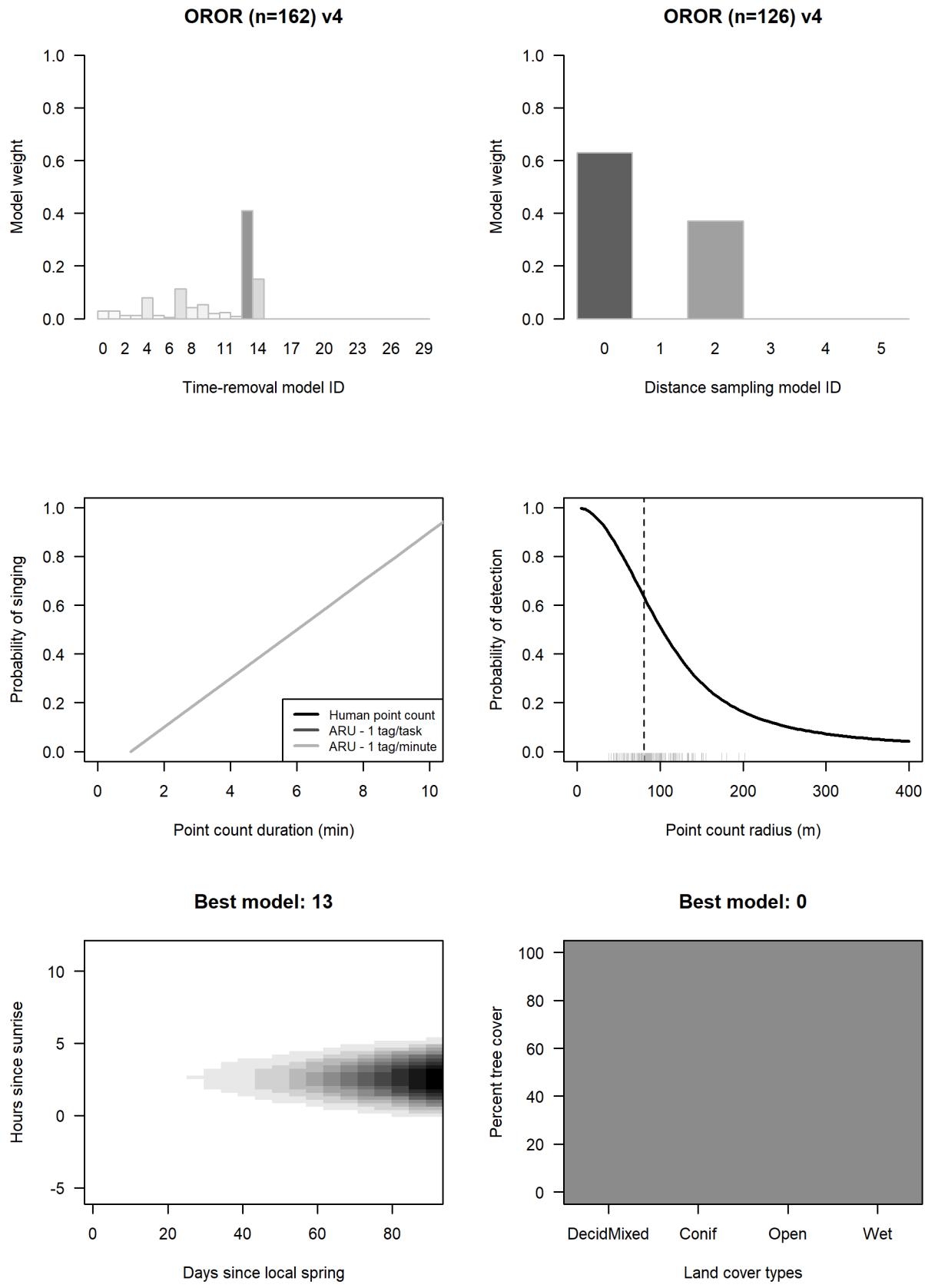


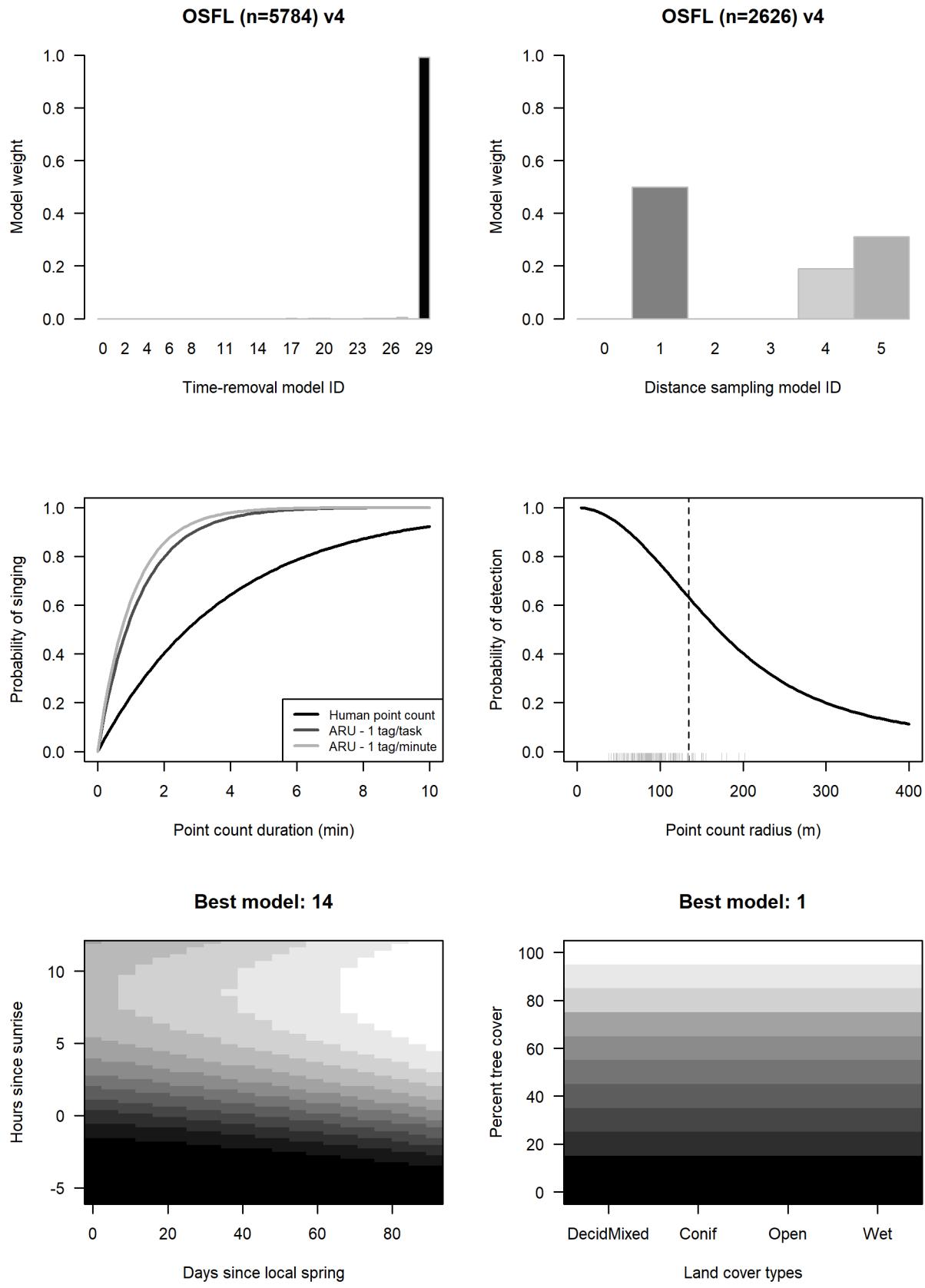


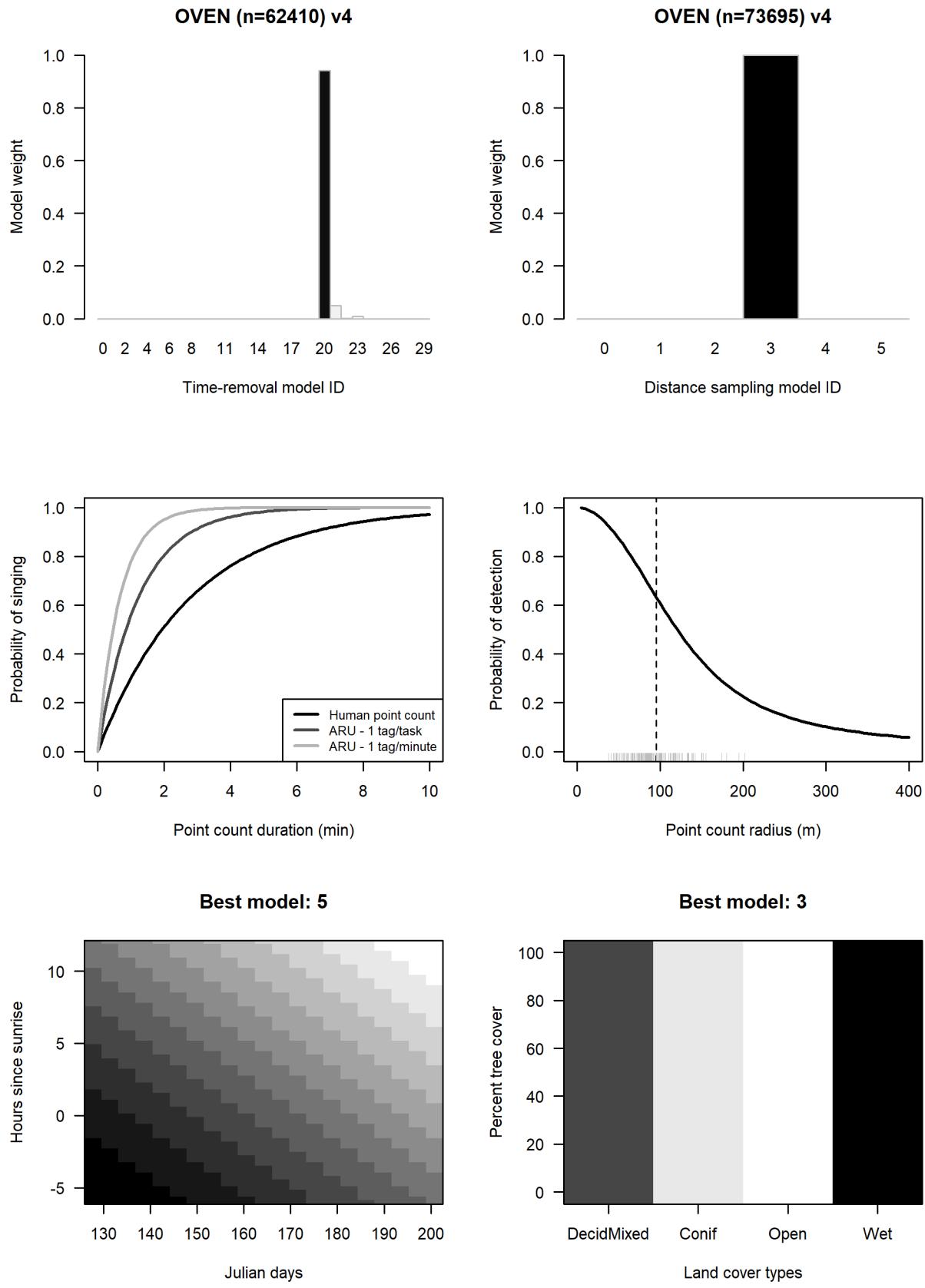




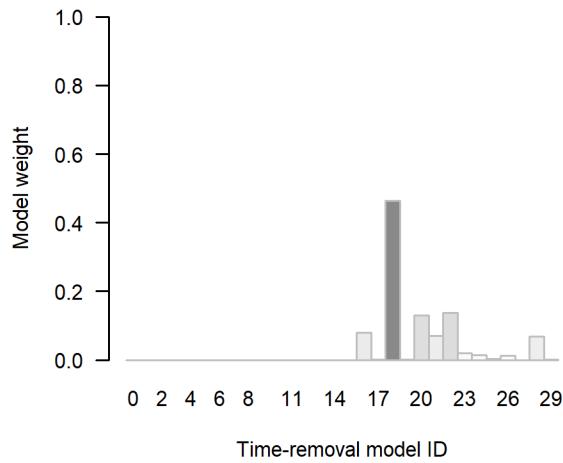




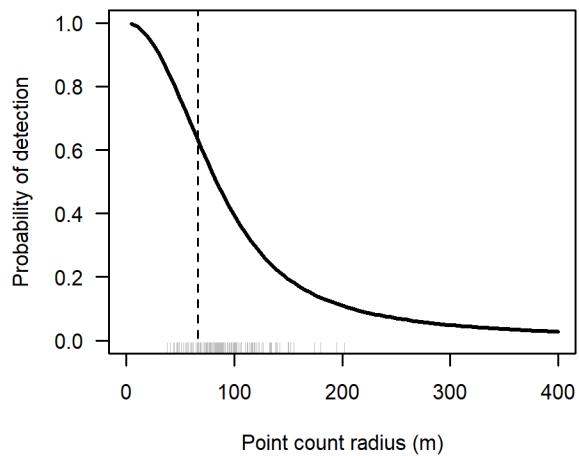
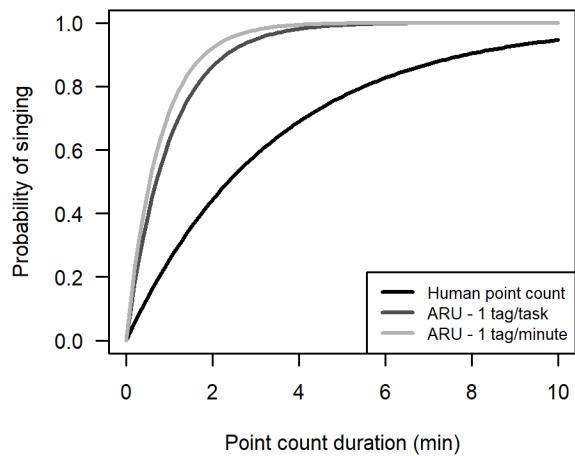
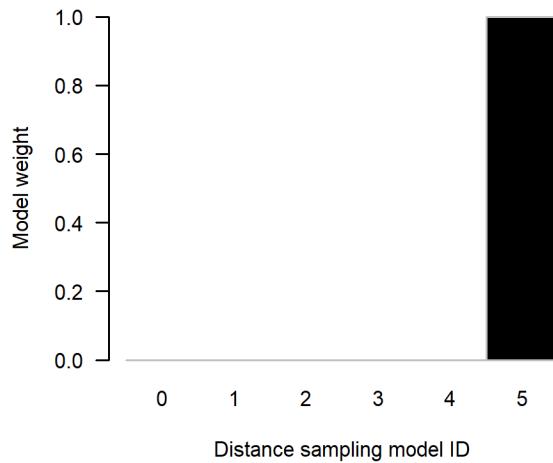




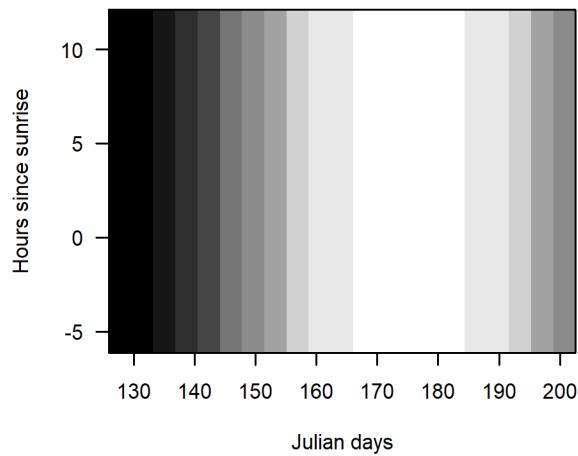
PAWA (n=12002) v4



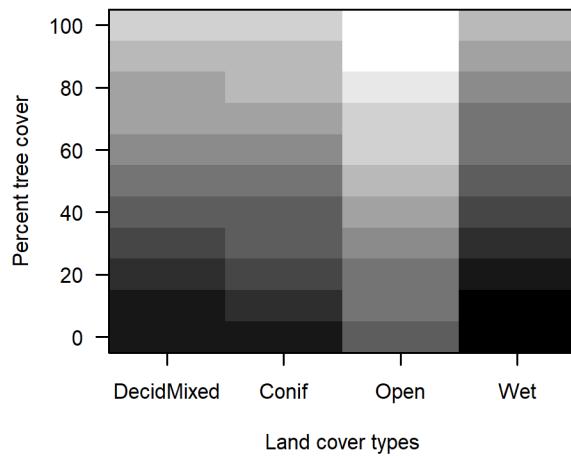
PAWA (n=3699) v4

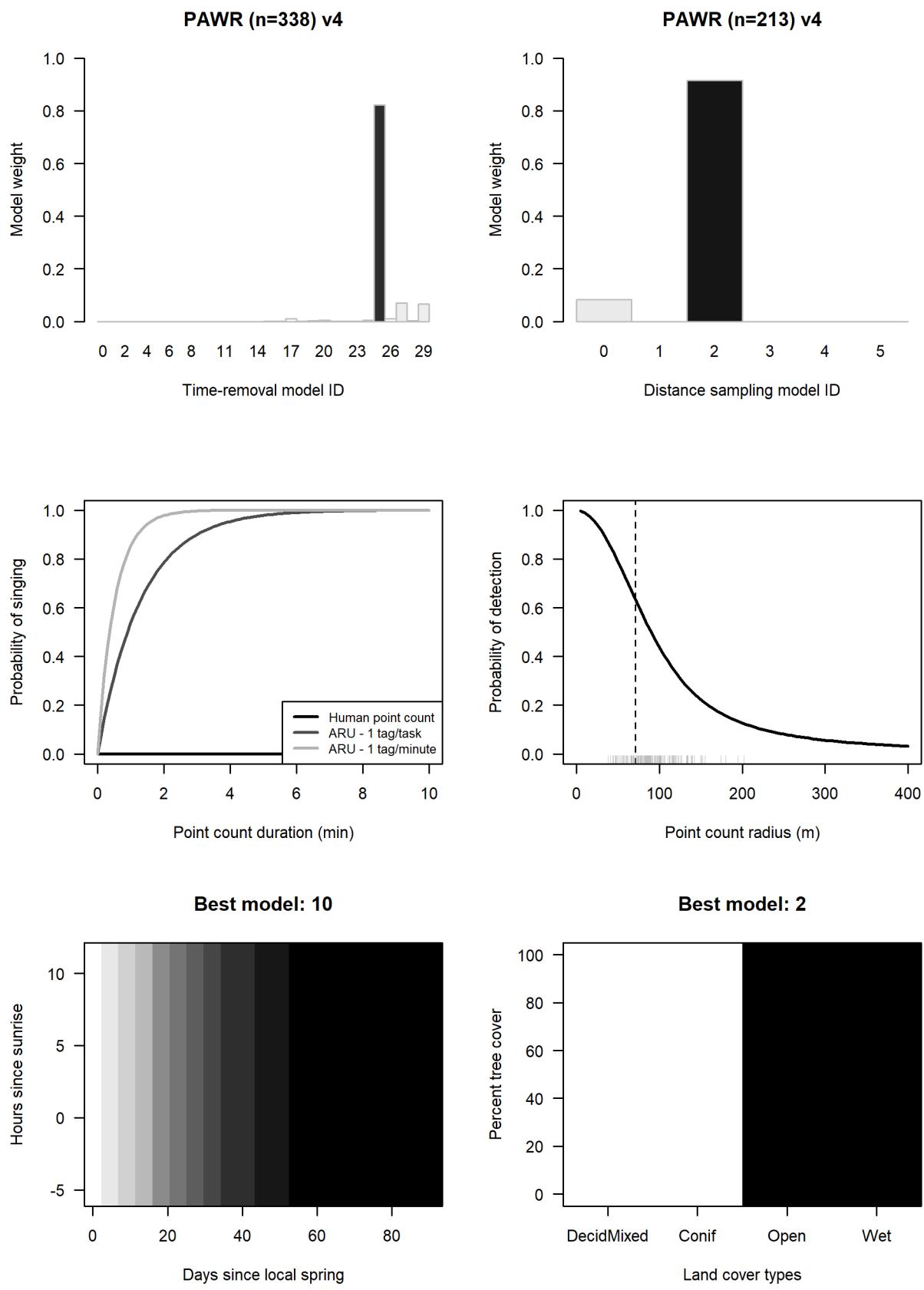


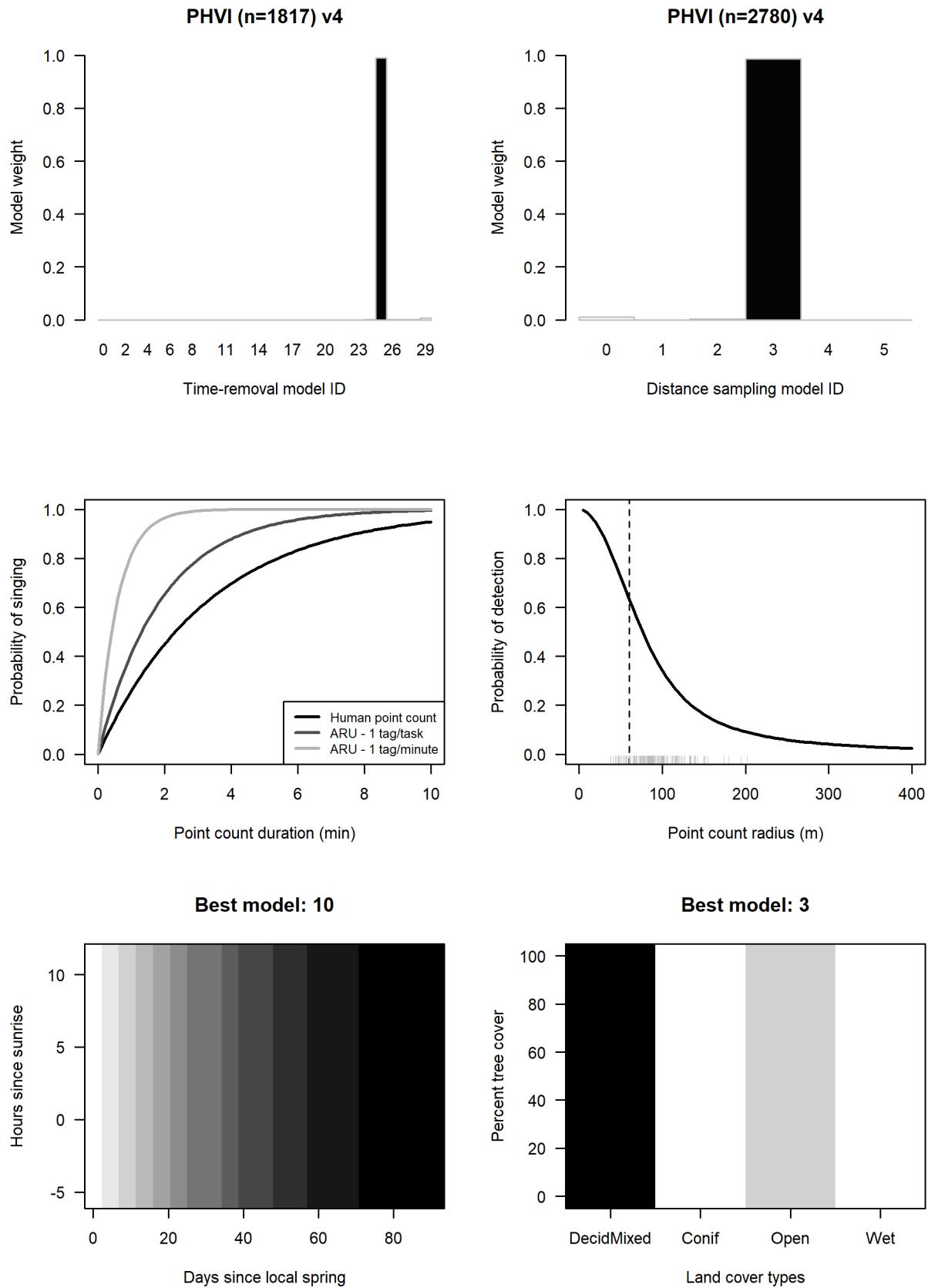
Best model: 3

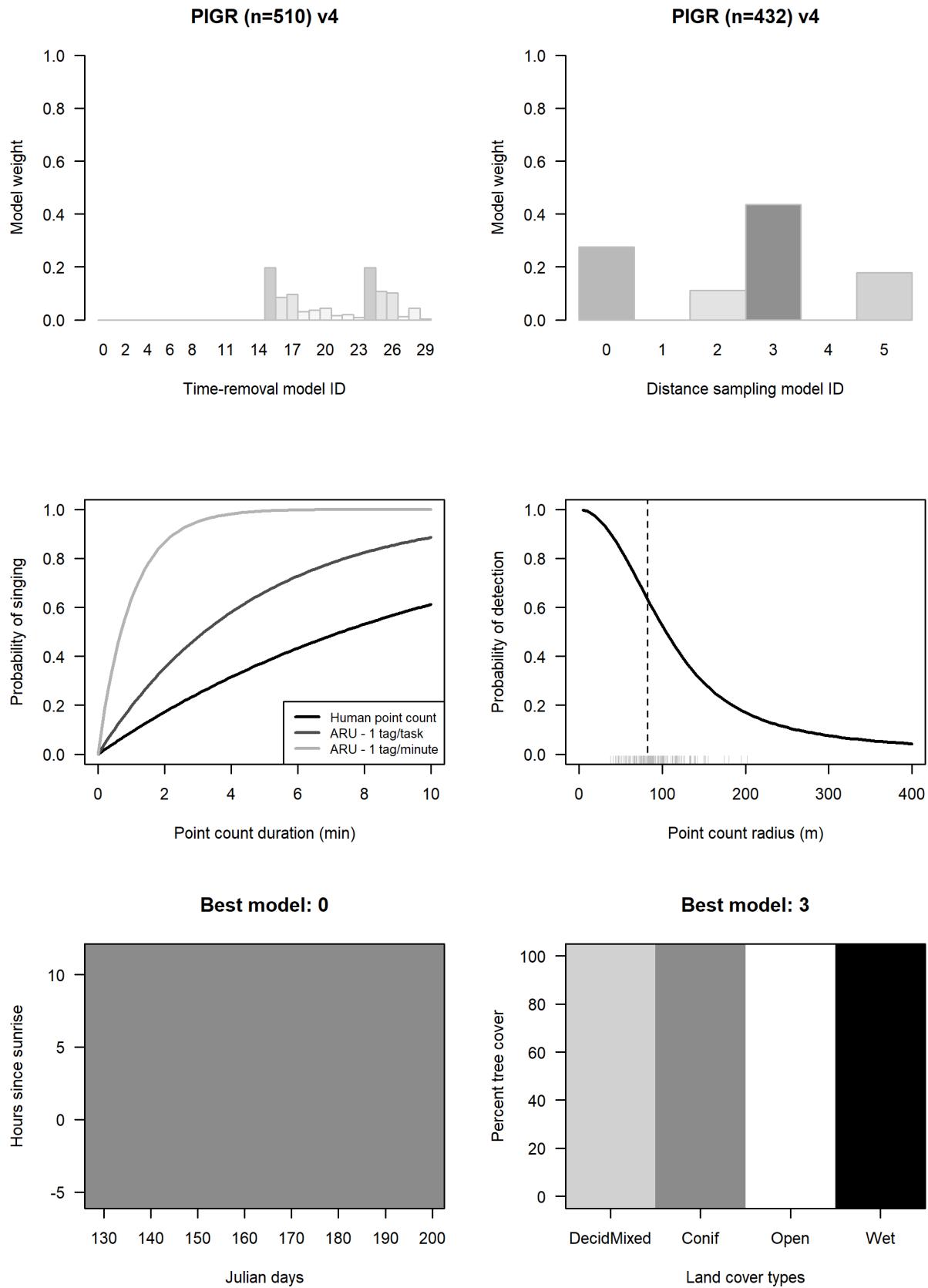


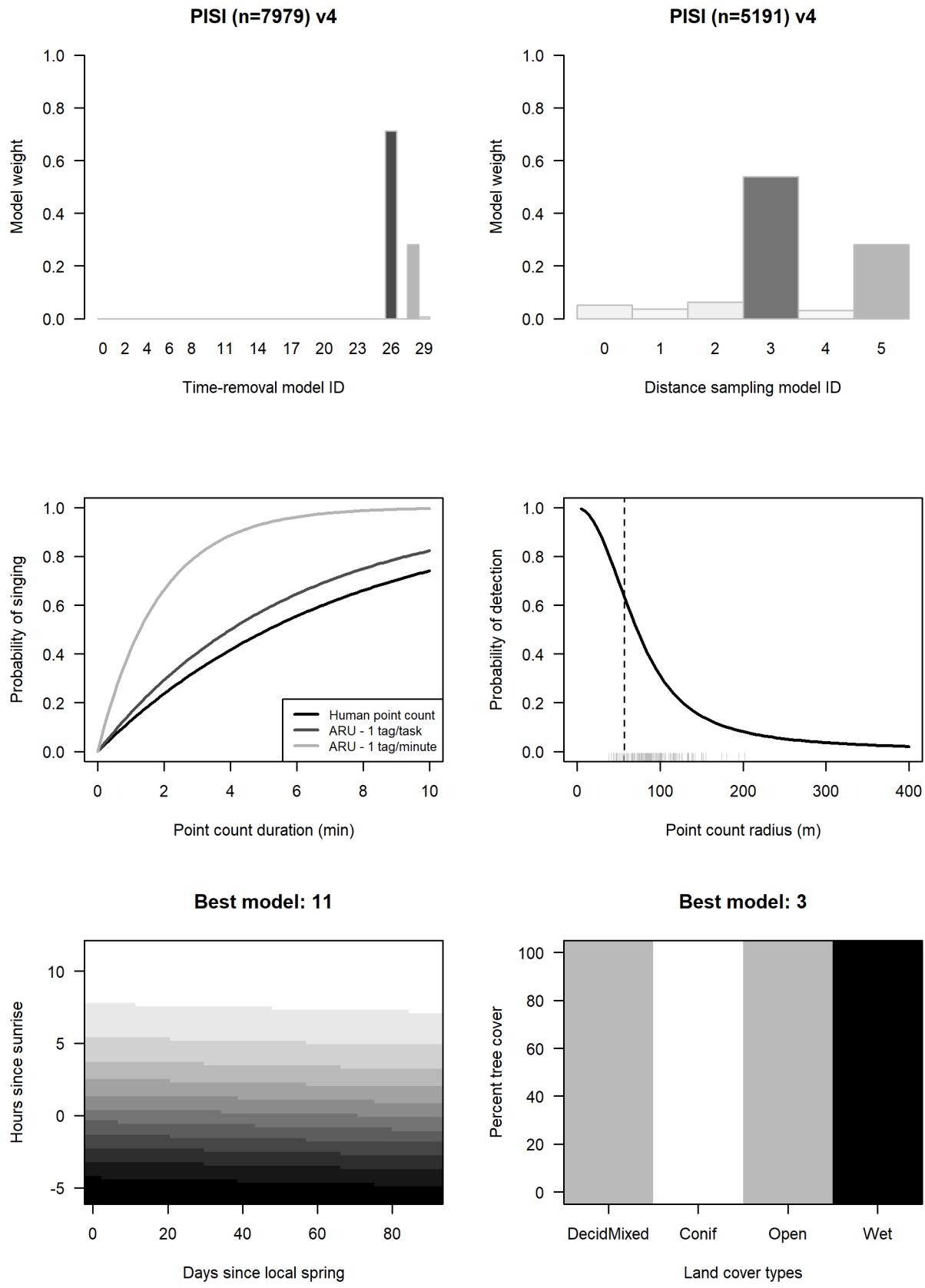
Best model: 5

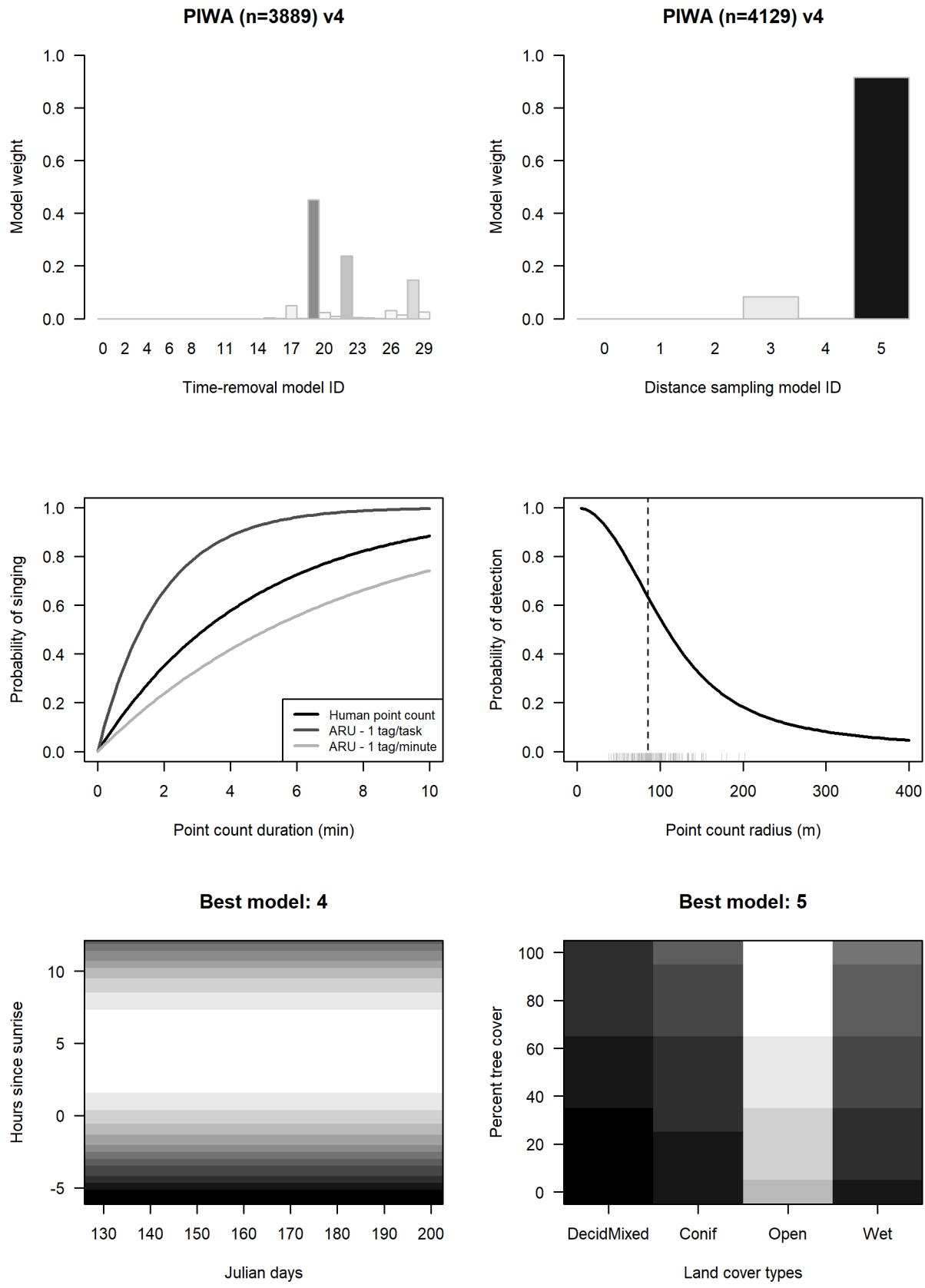


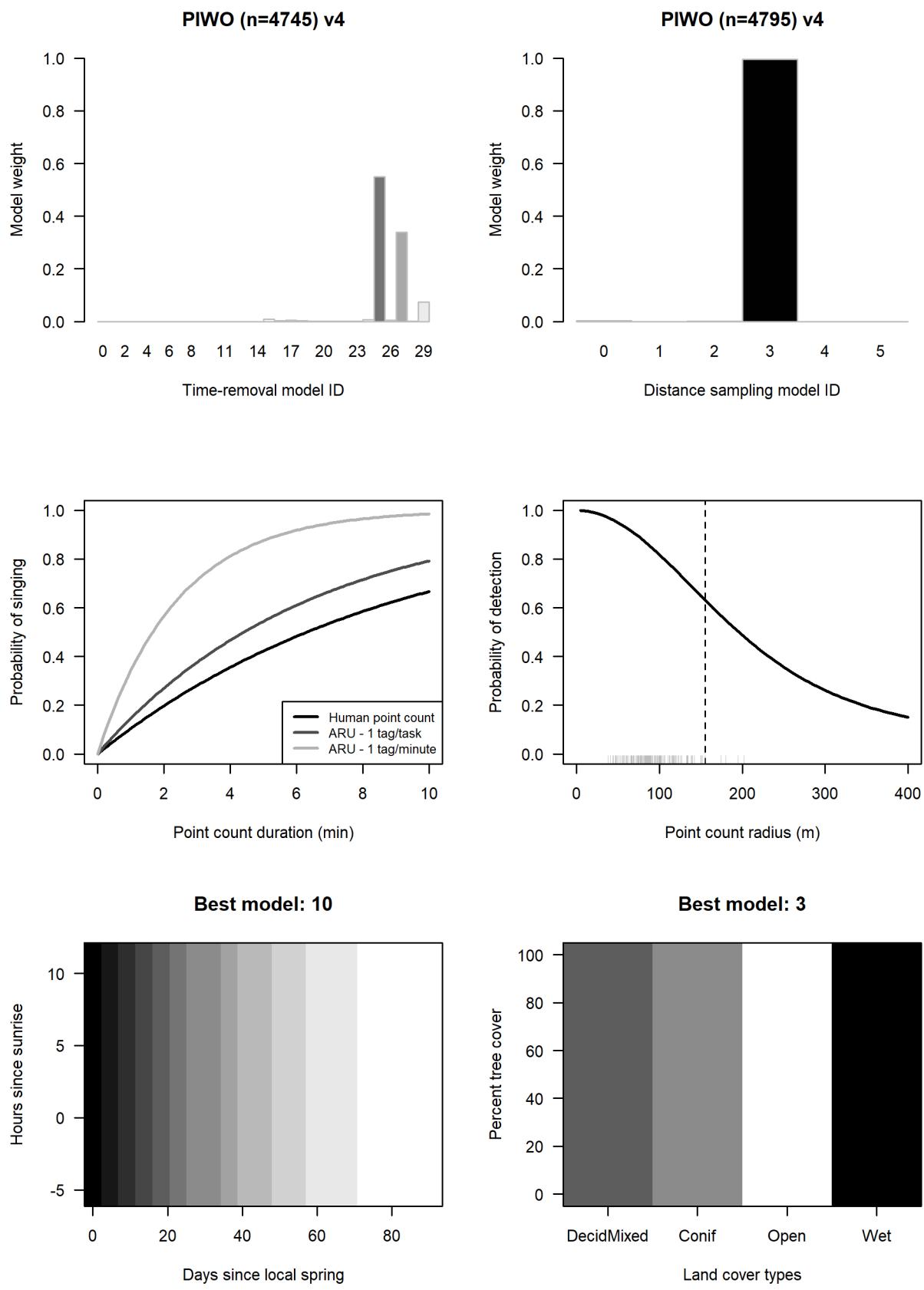


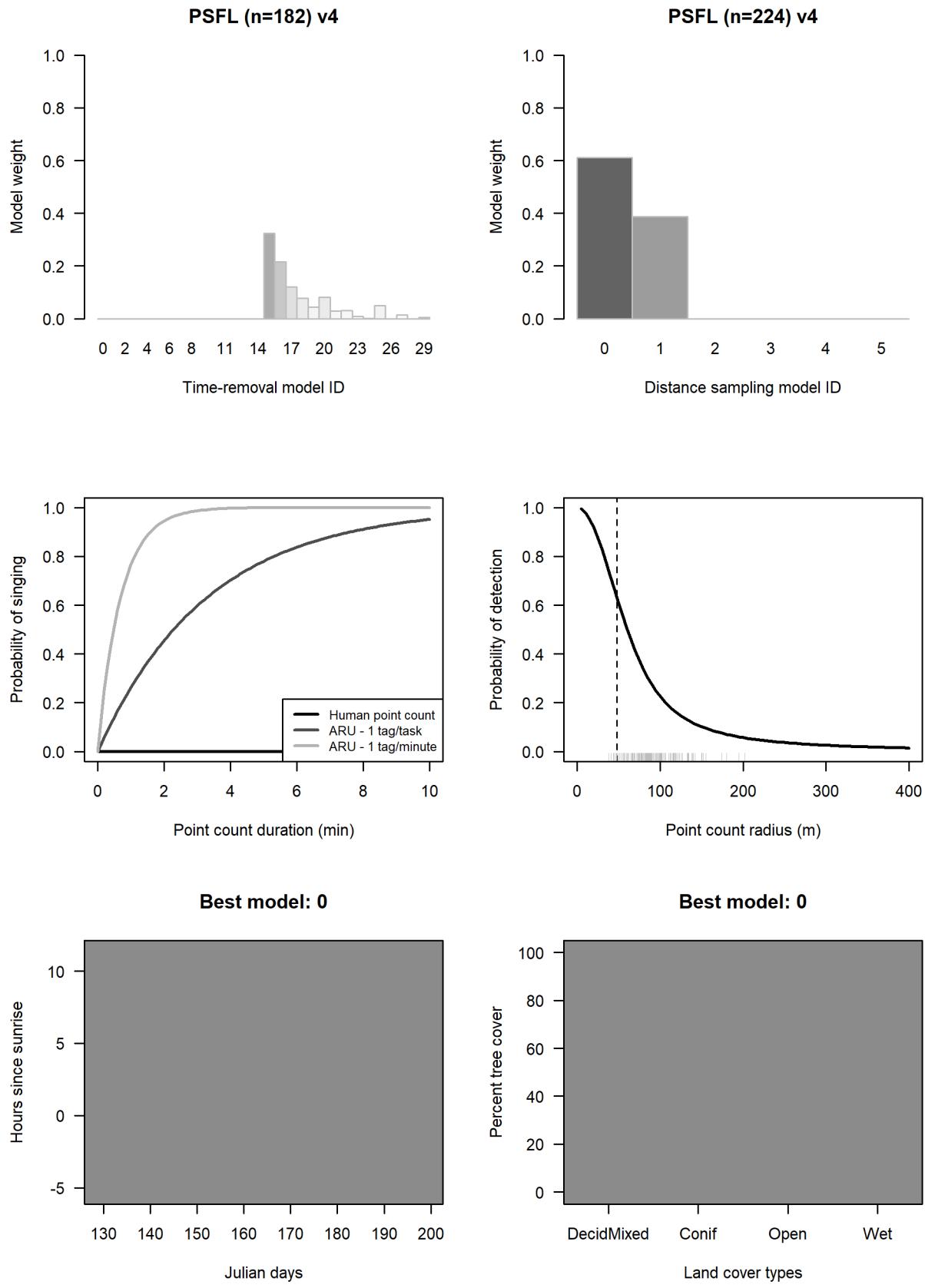


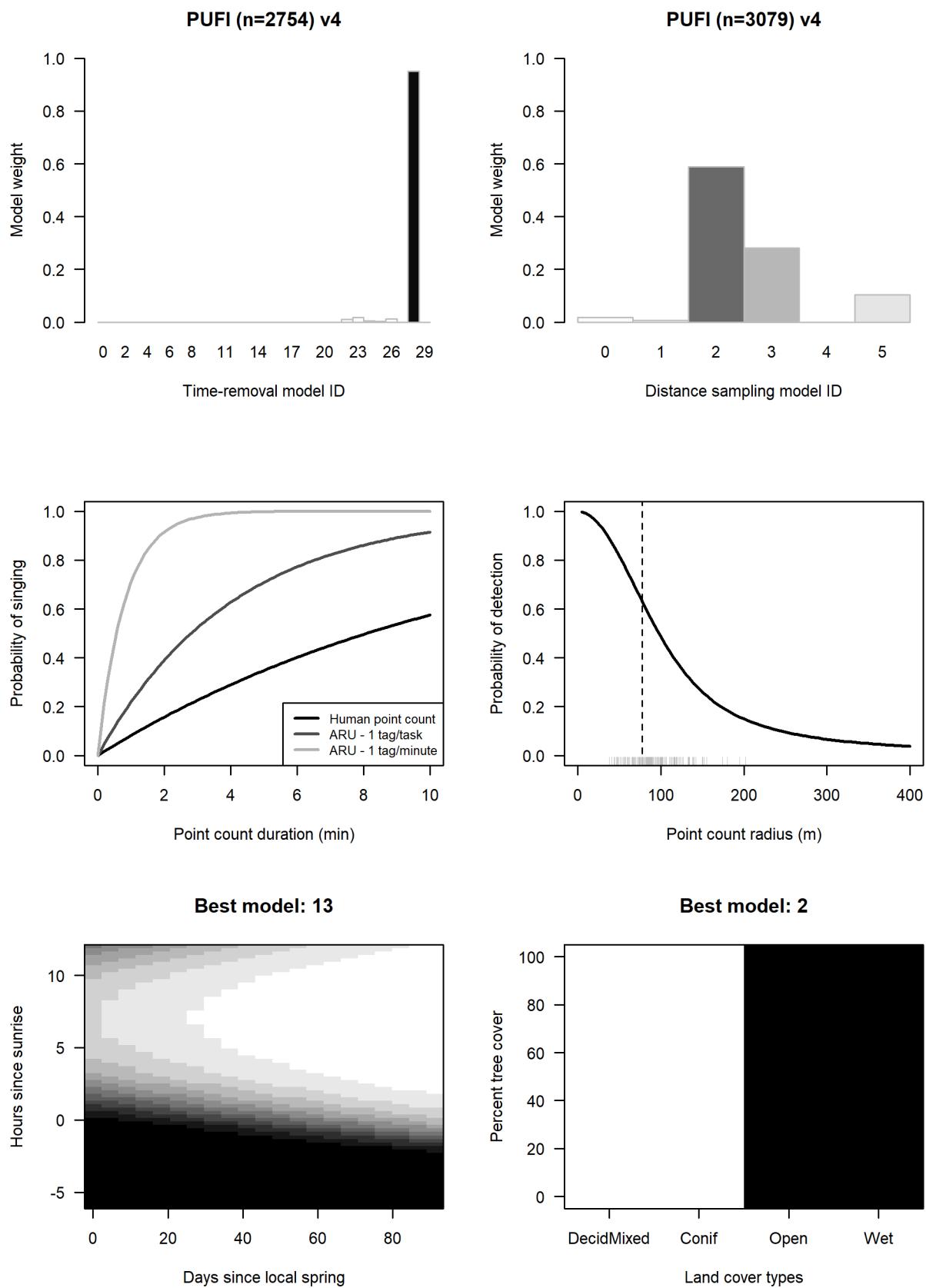


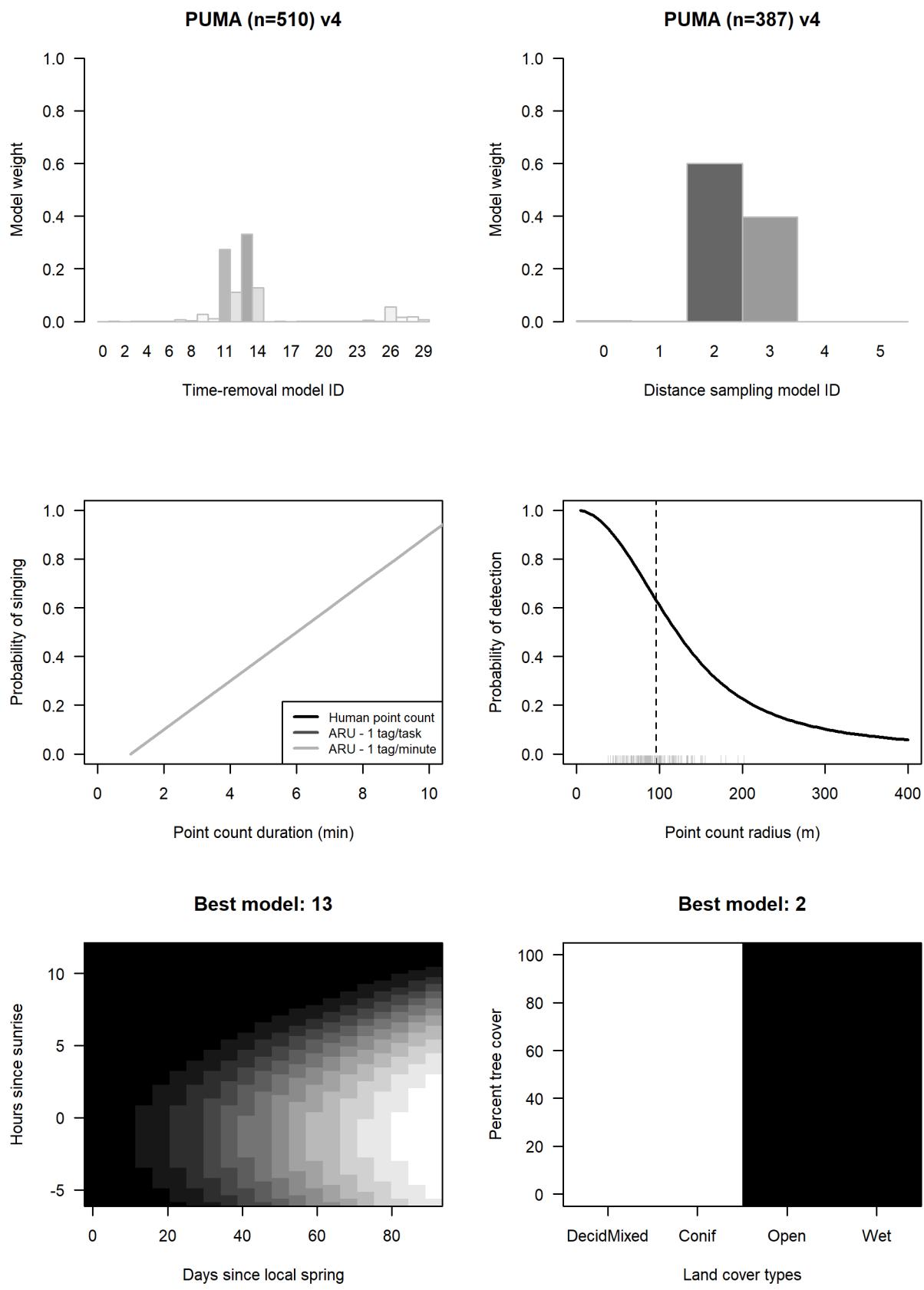


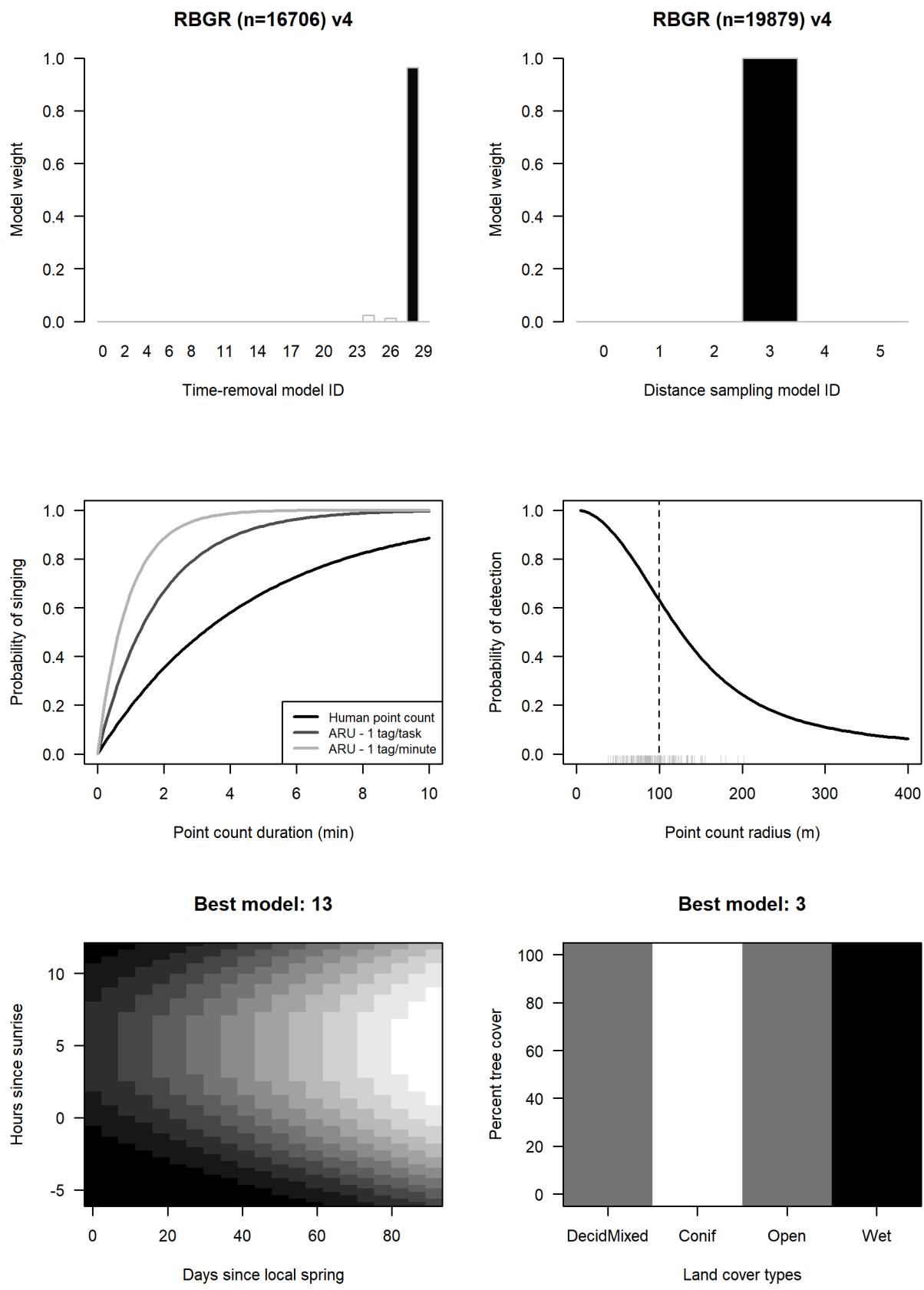


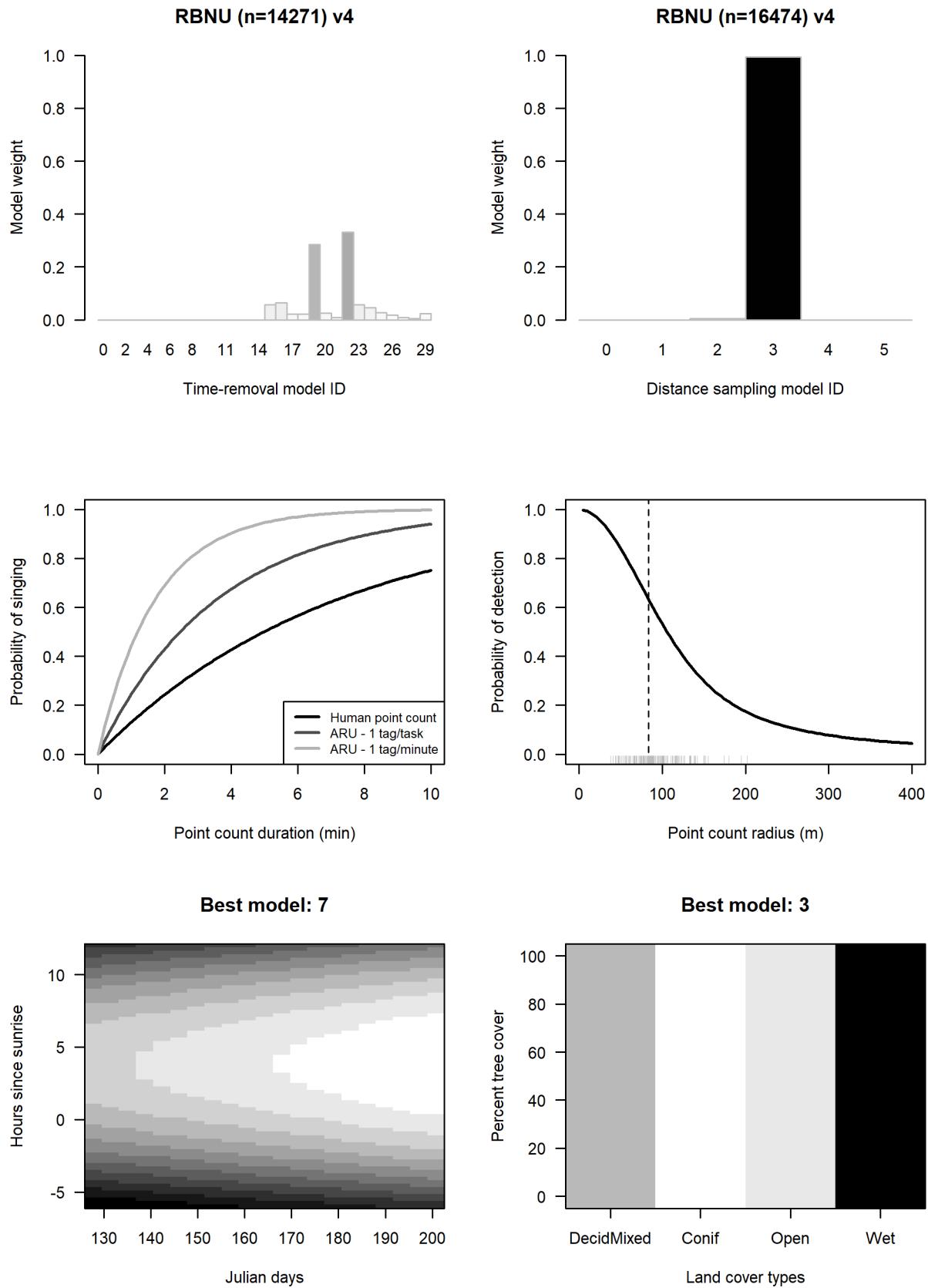


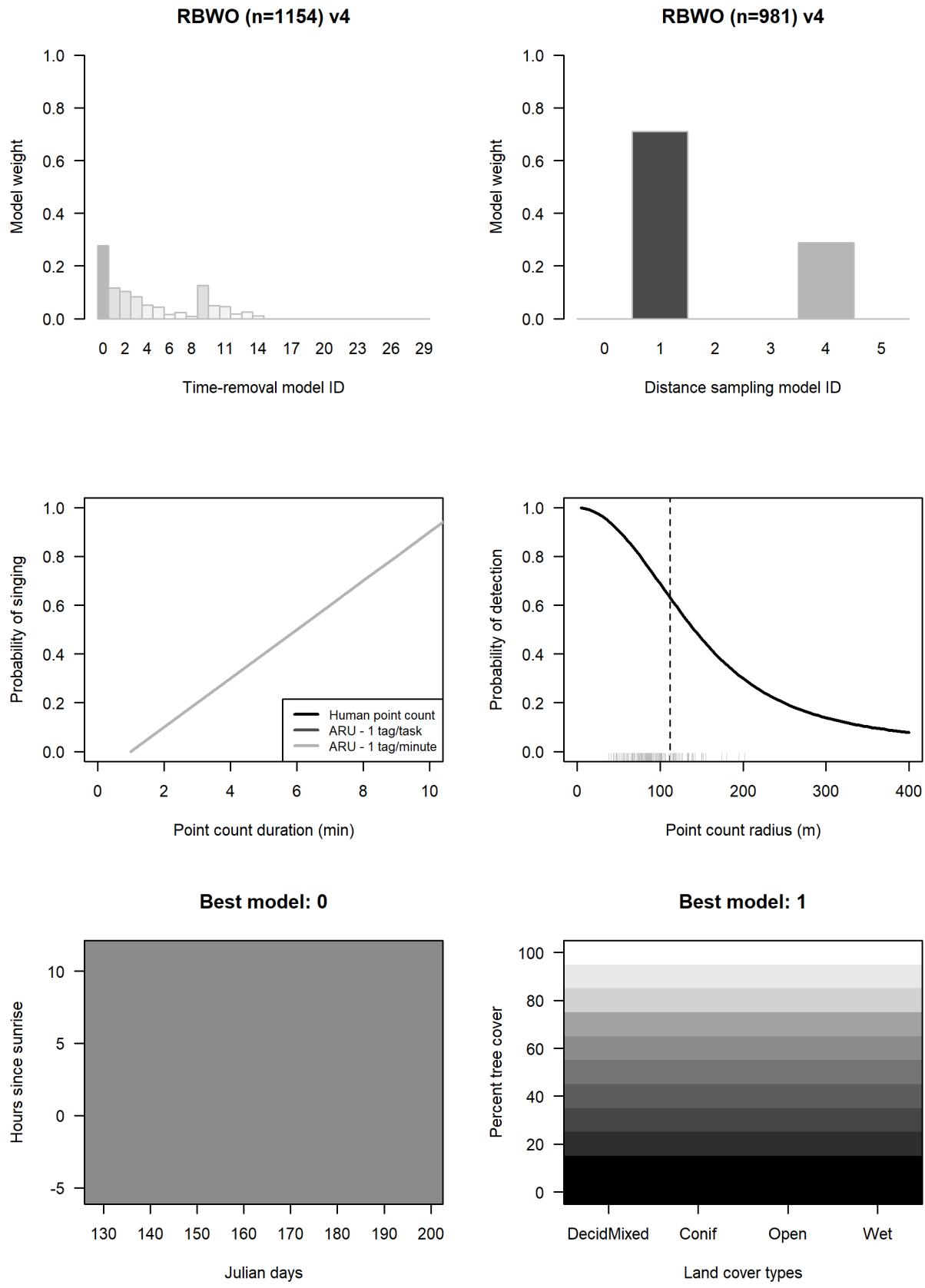


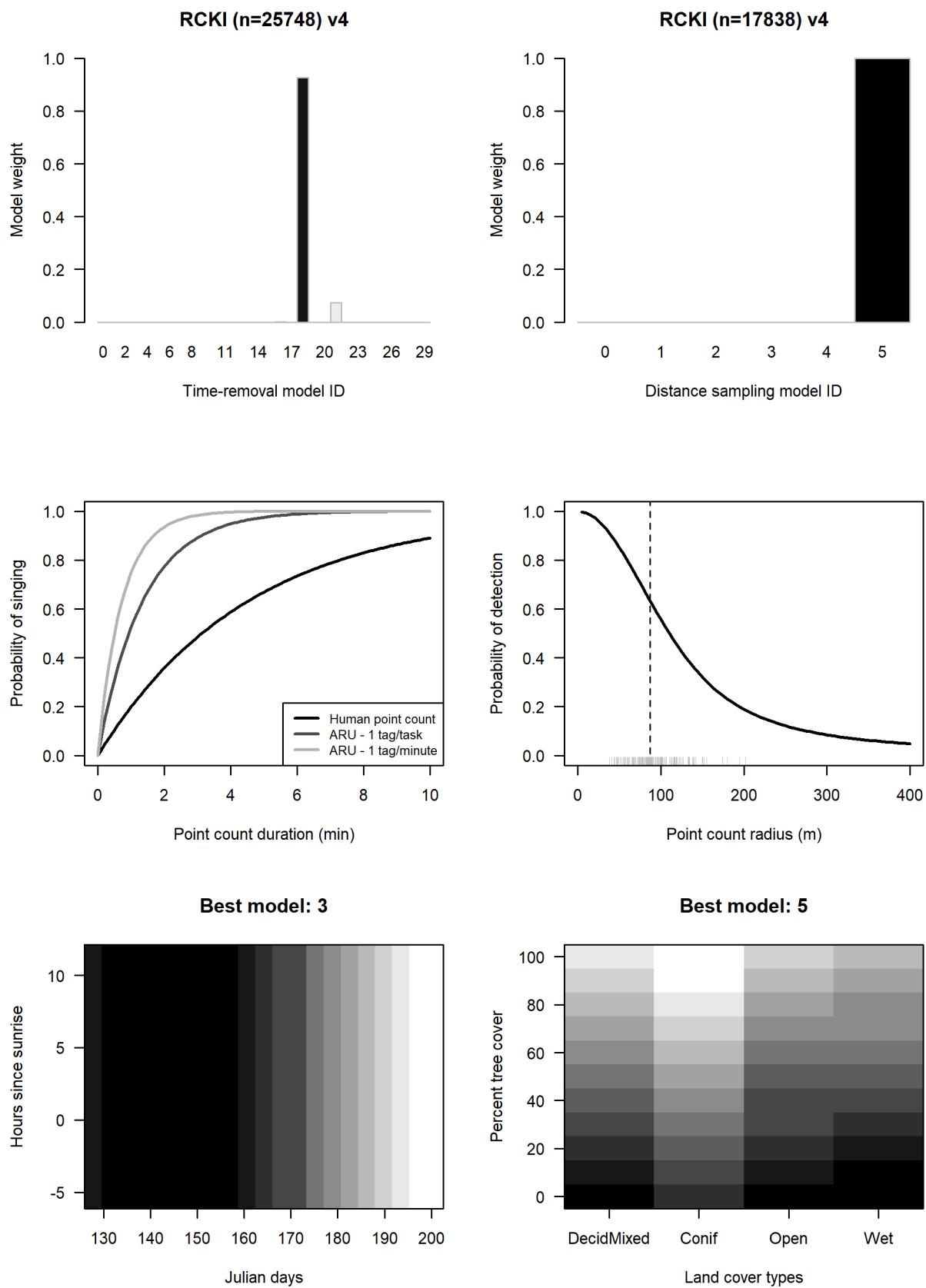


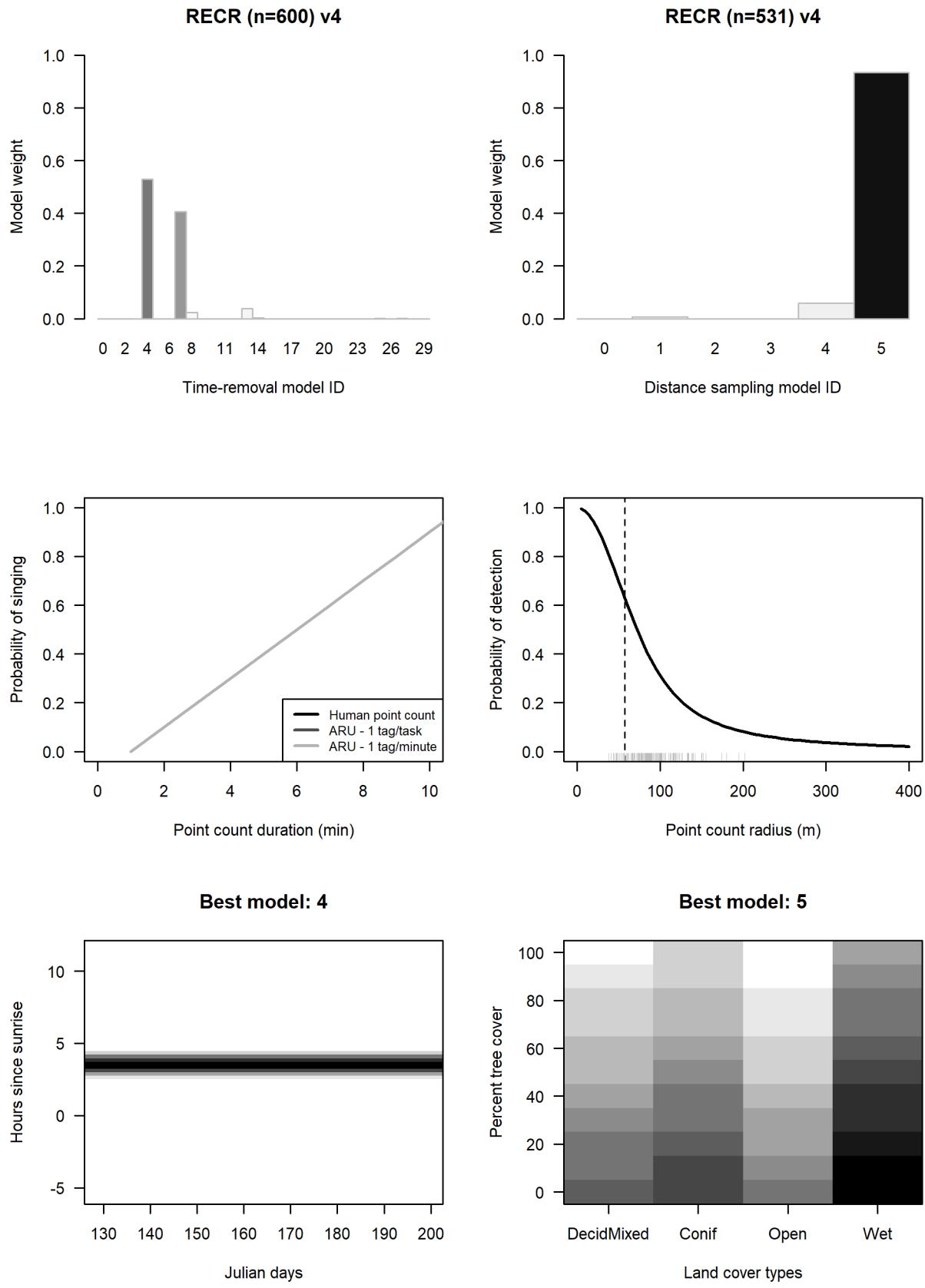


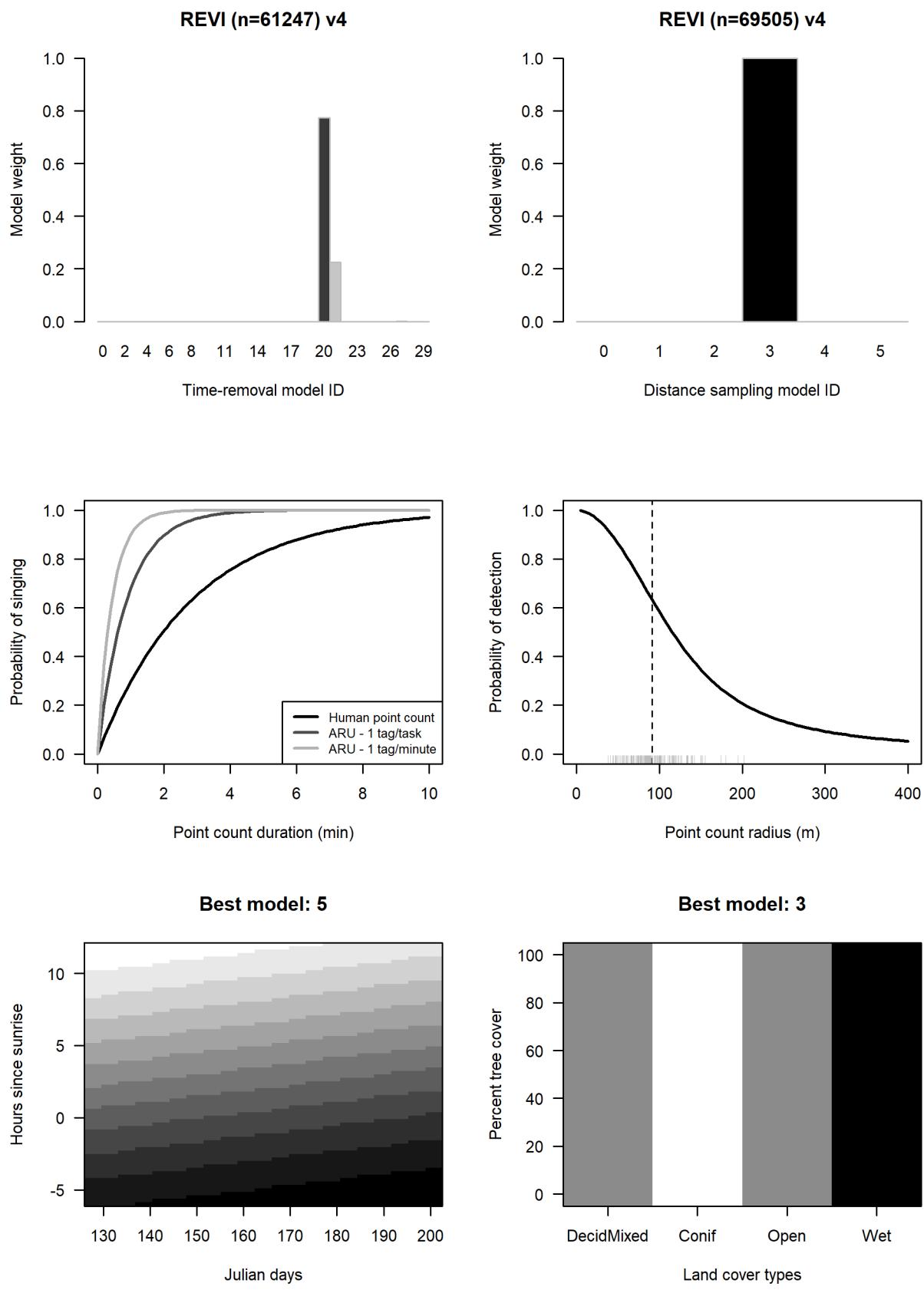




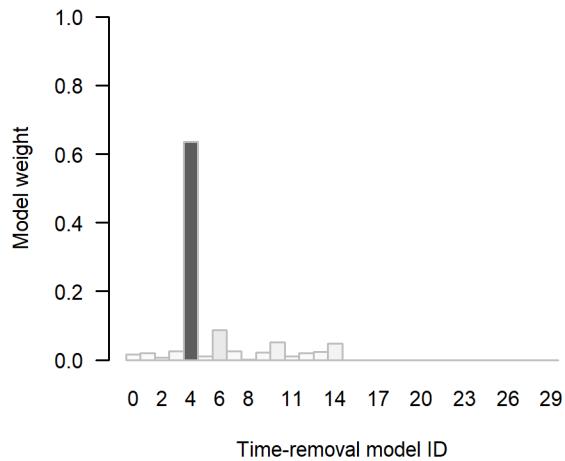




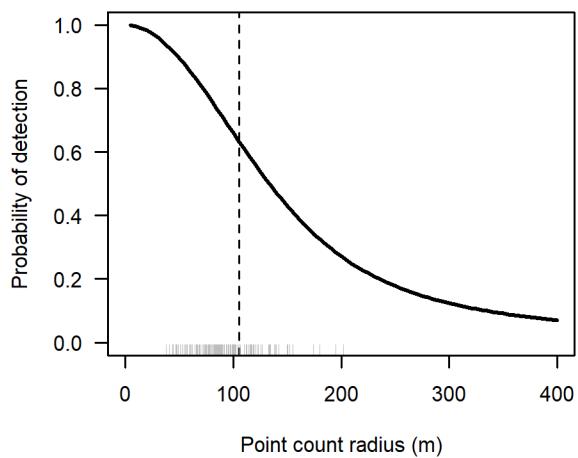
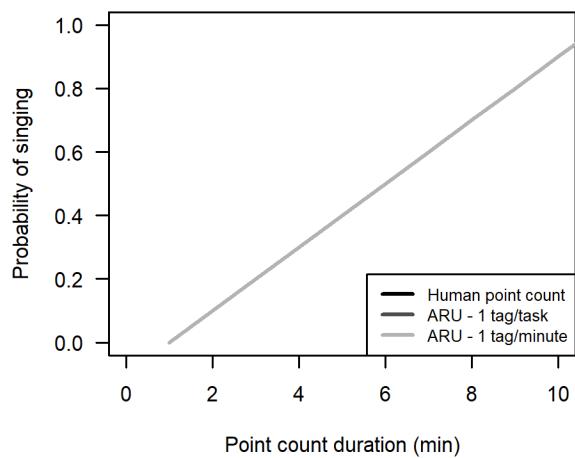
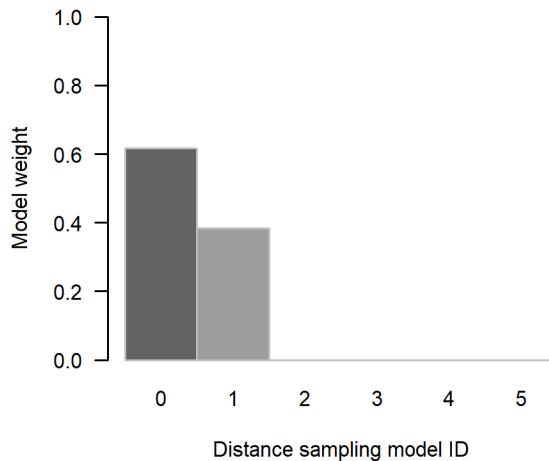




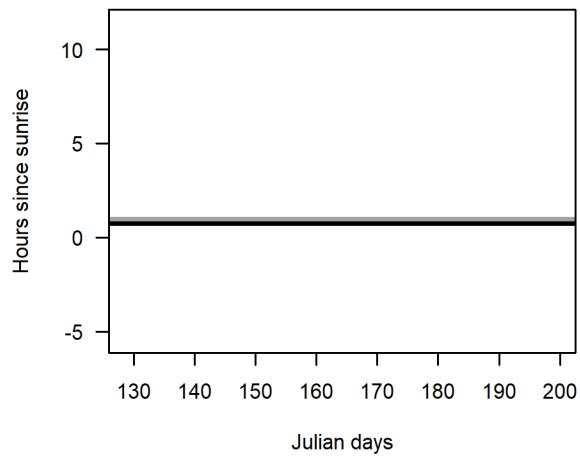
RHWO (n=88) v4



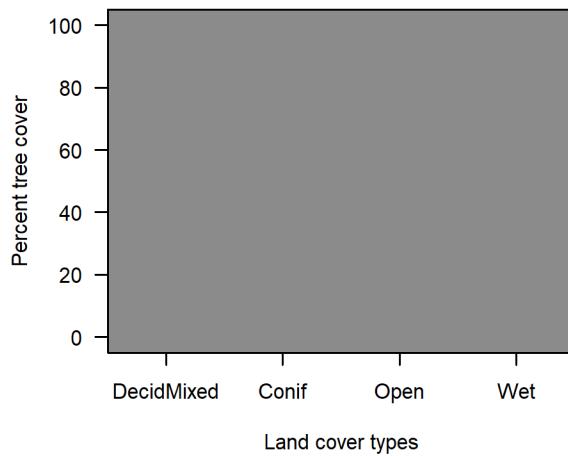
RHWO (n=107) v4

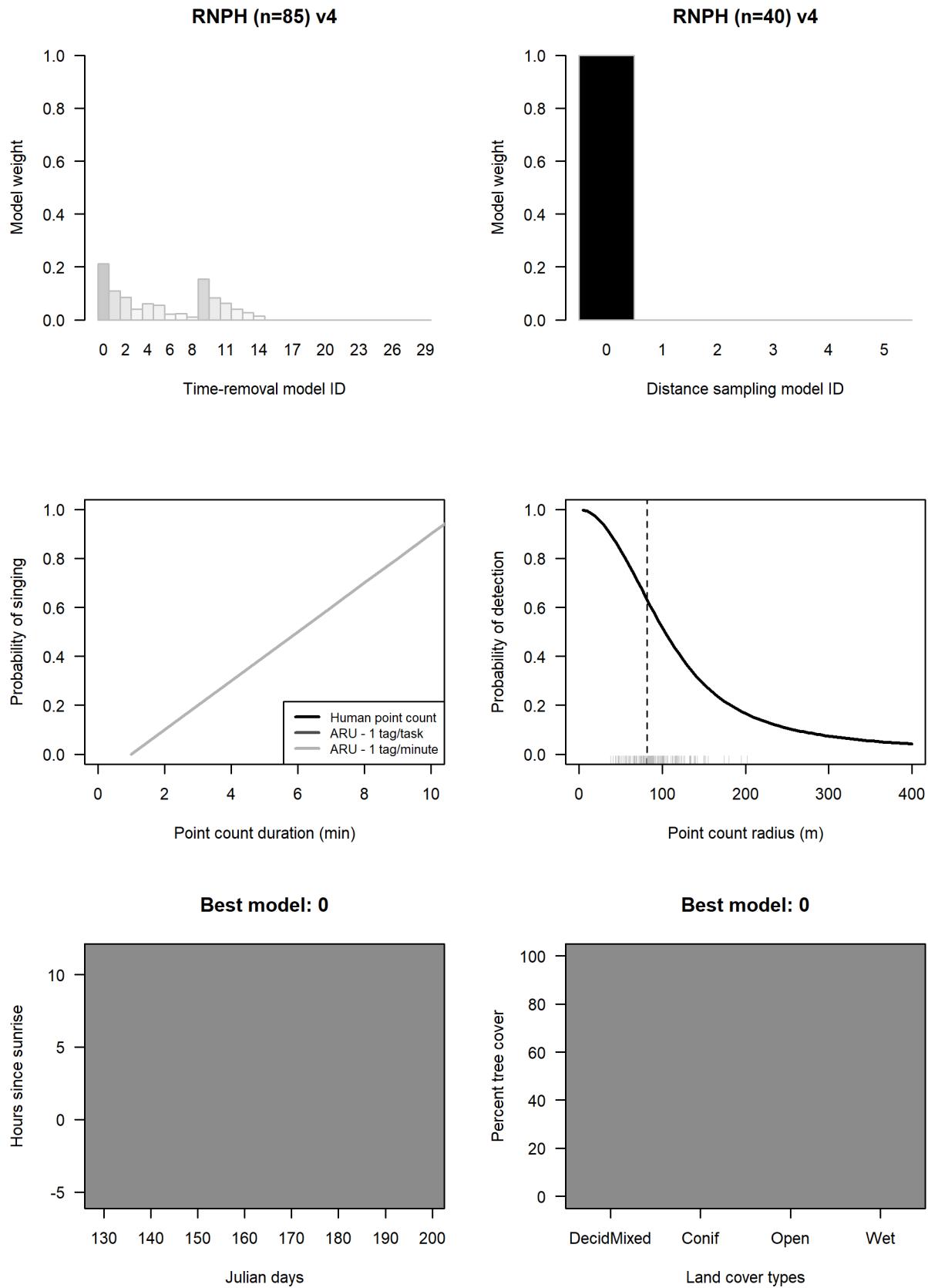


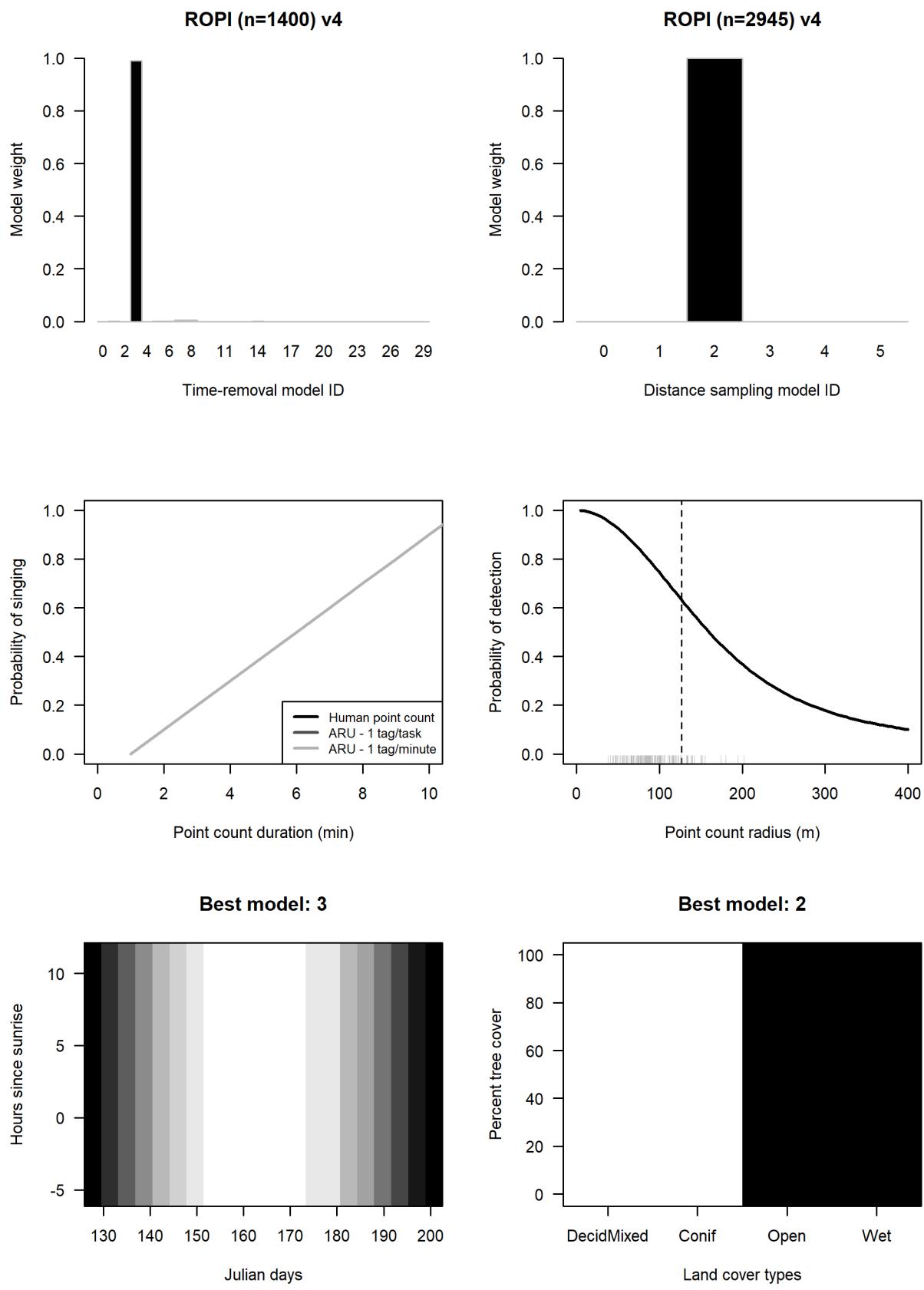
Best model: 4

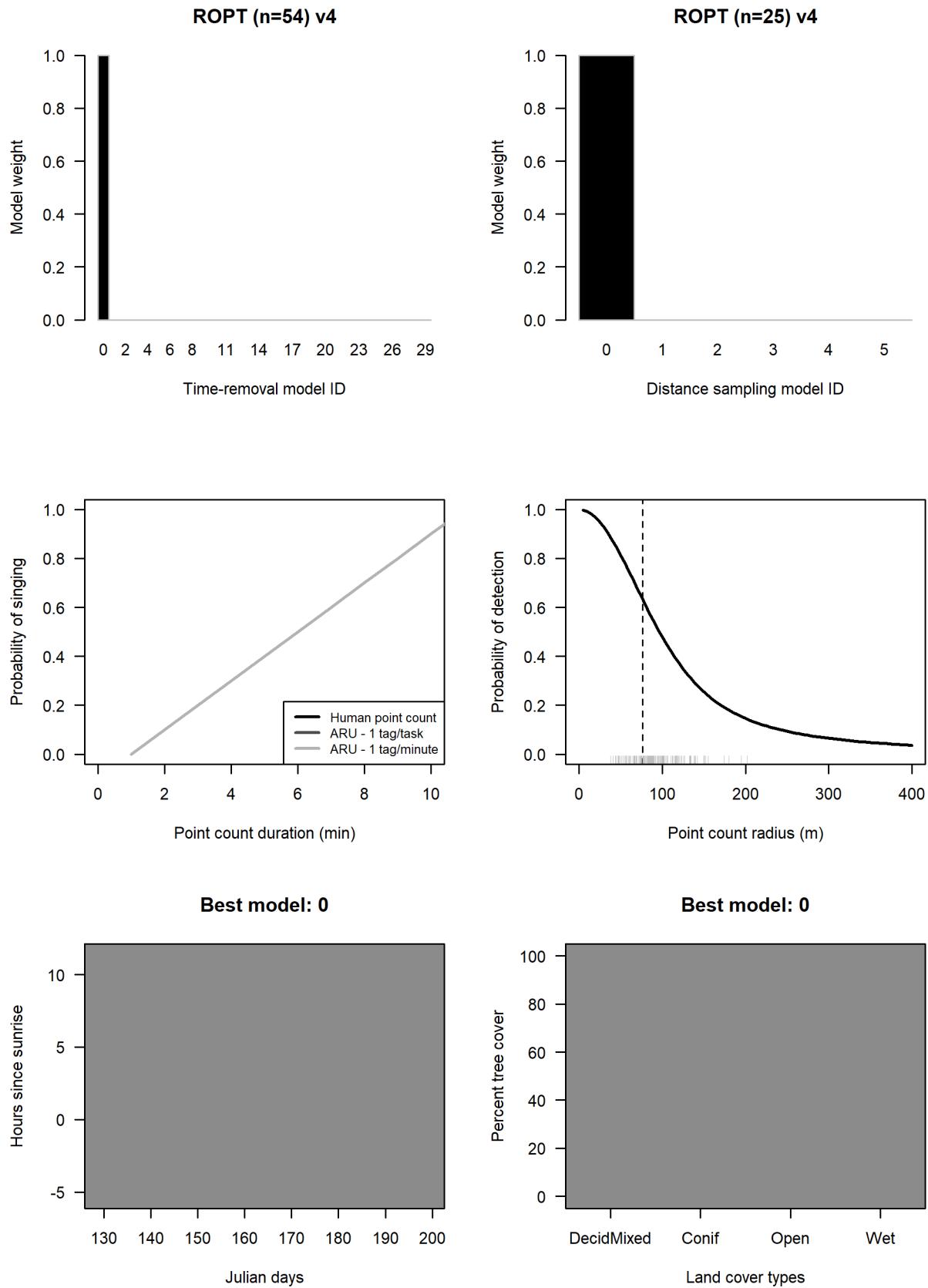


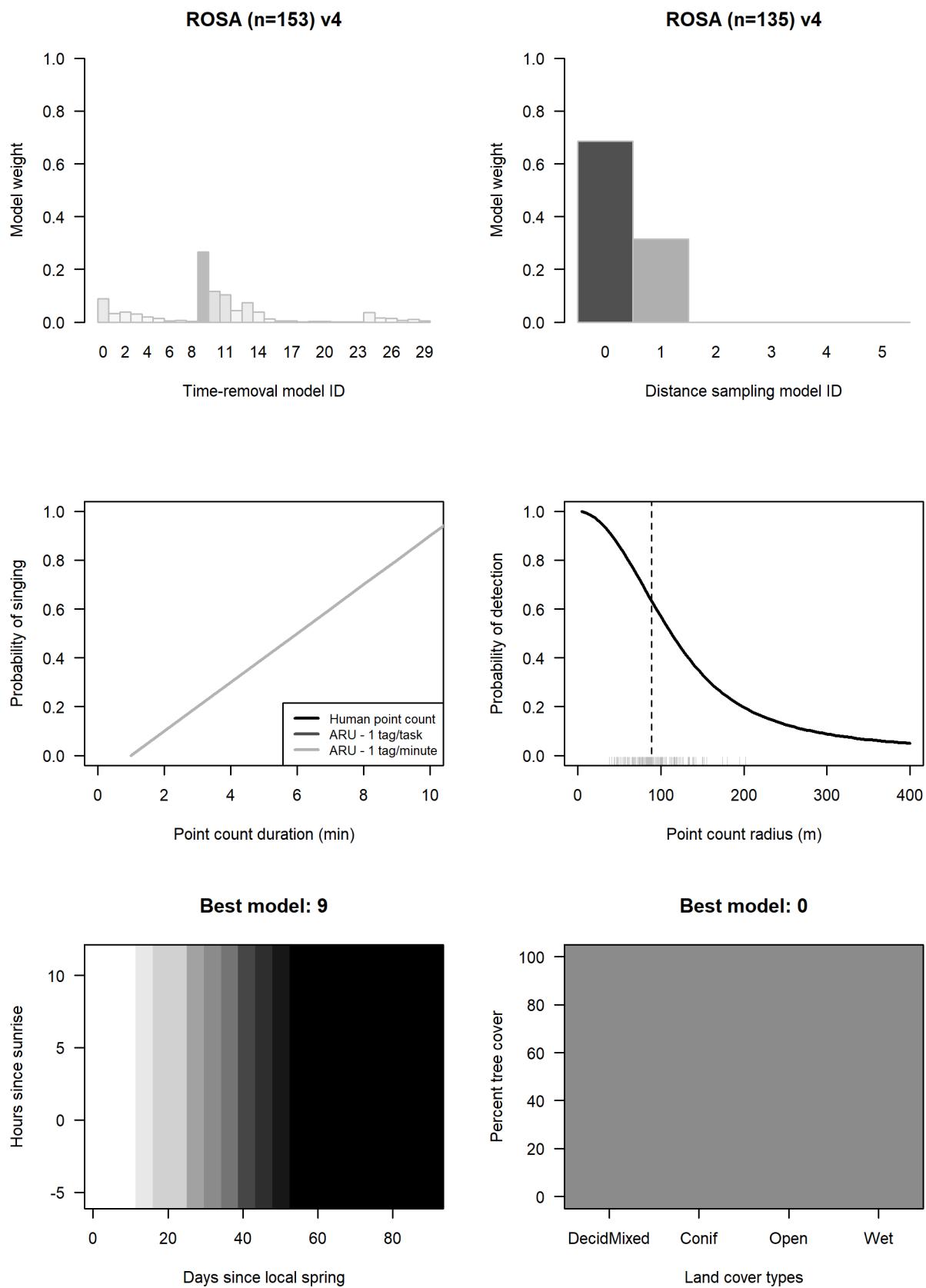
Best model: 0

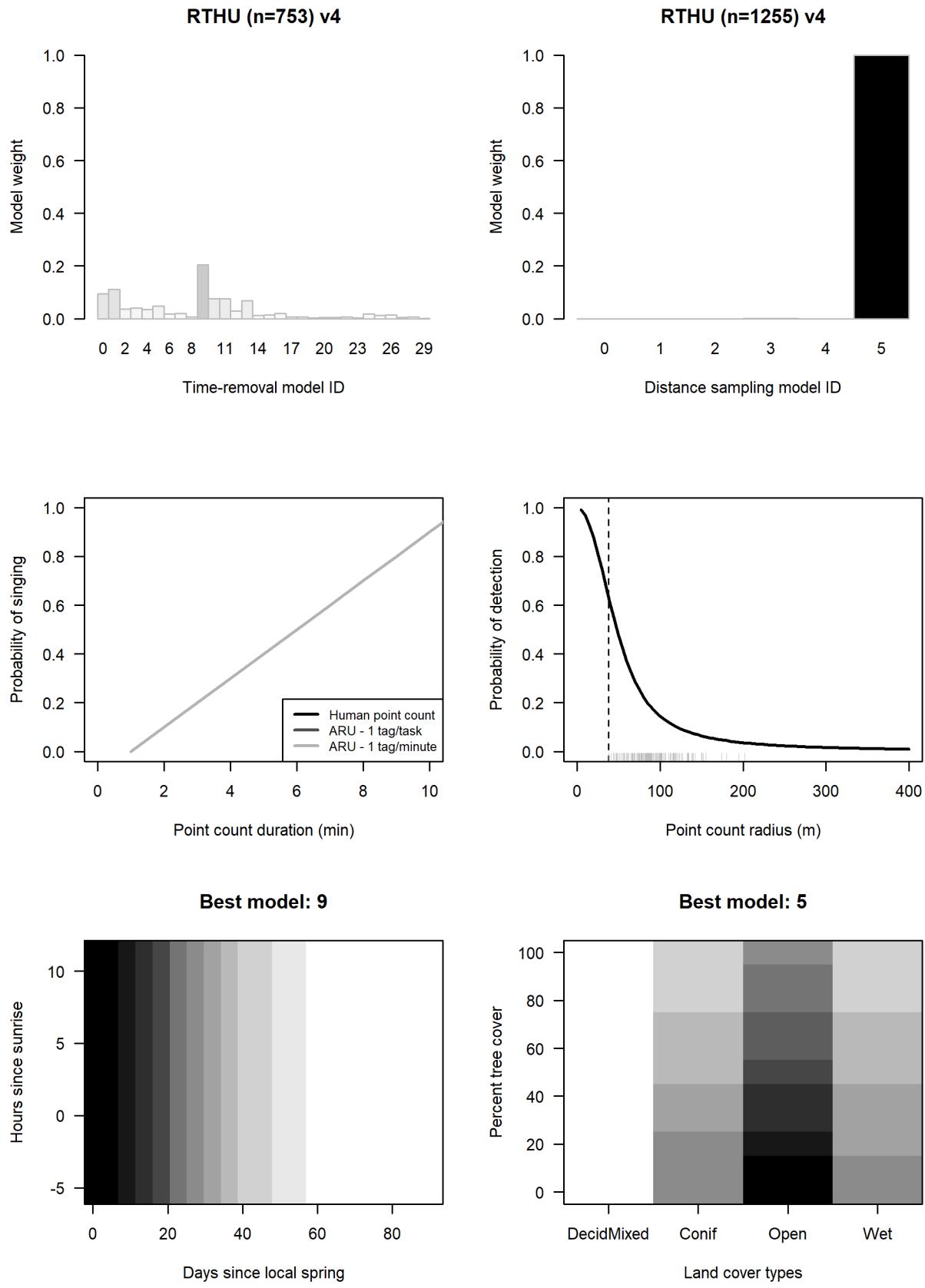


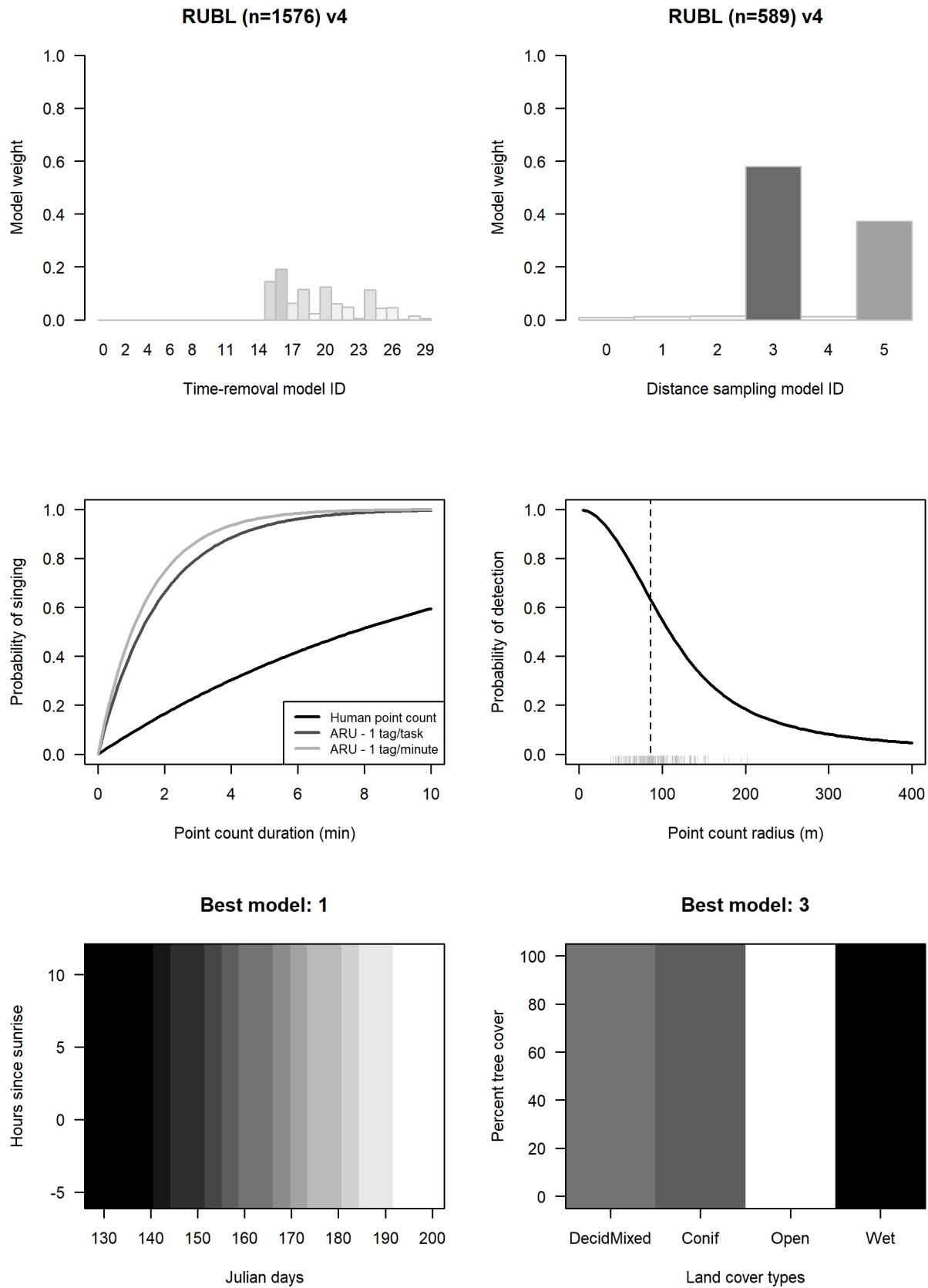




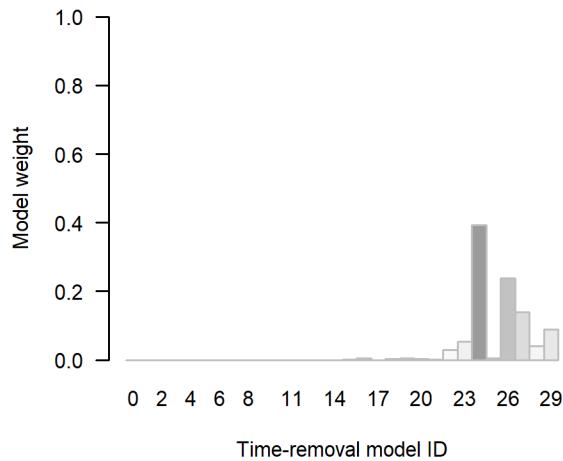




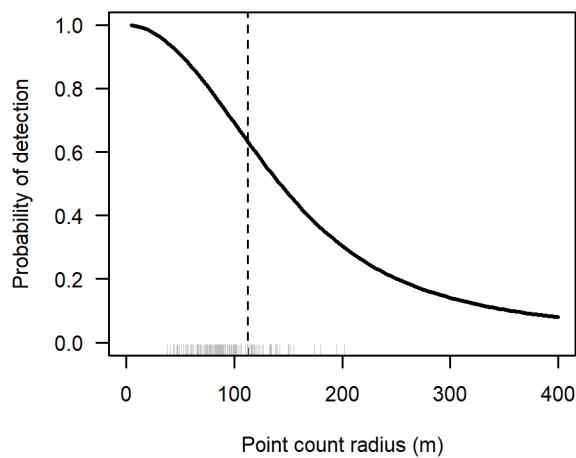
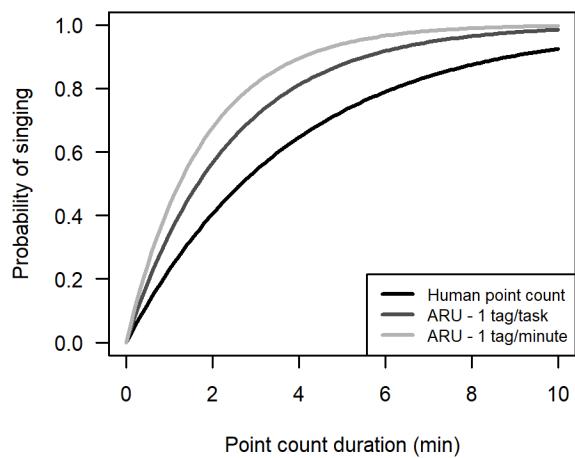
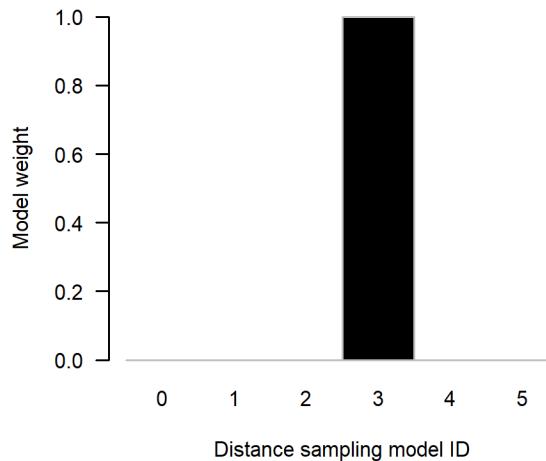




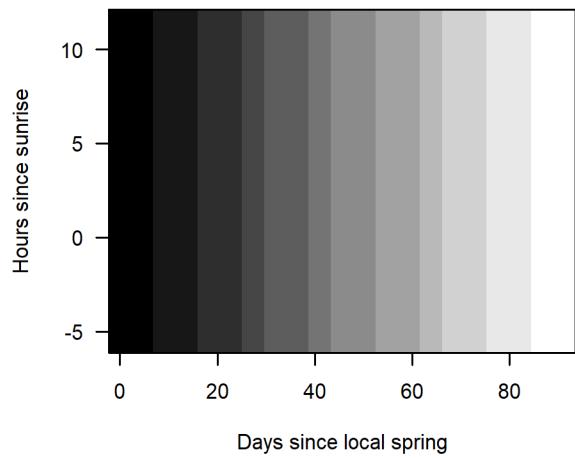
RUGR (n=6685) v4



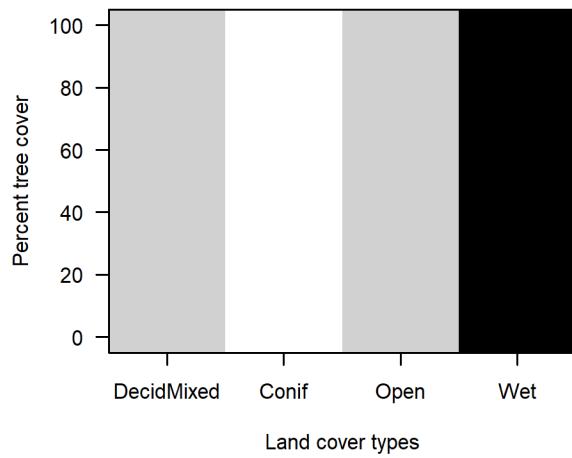
RUGR (n=5185) v4

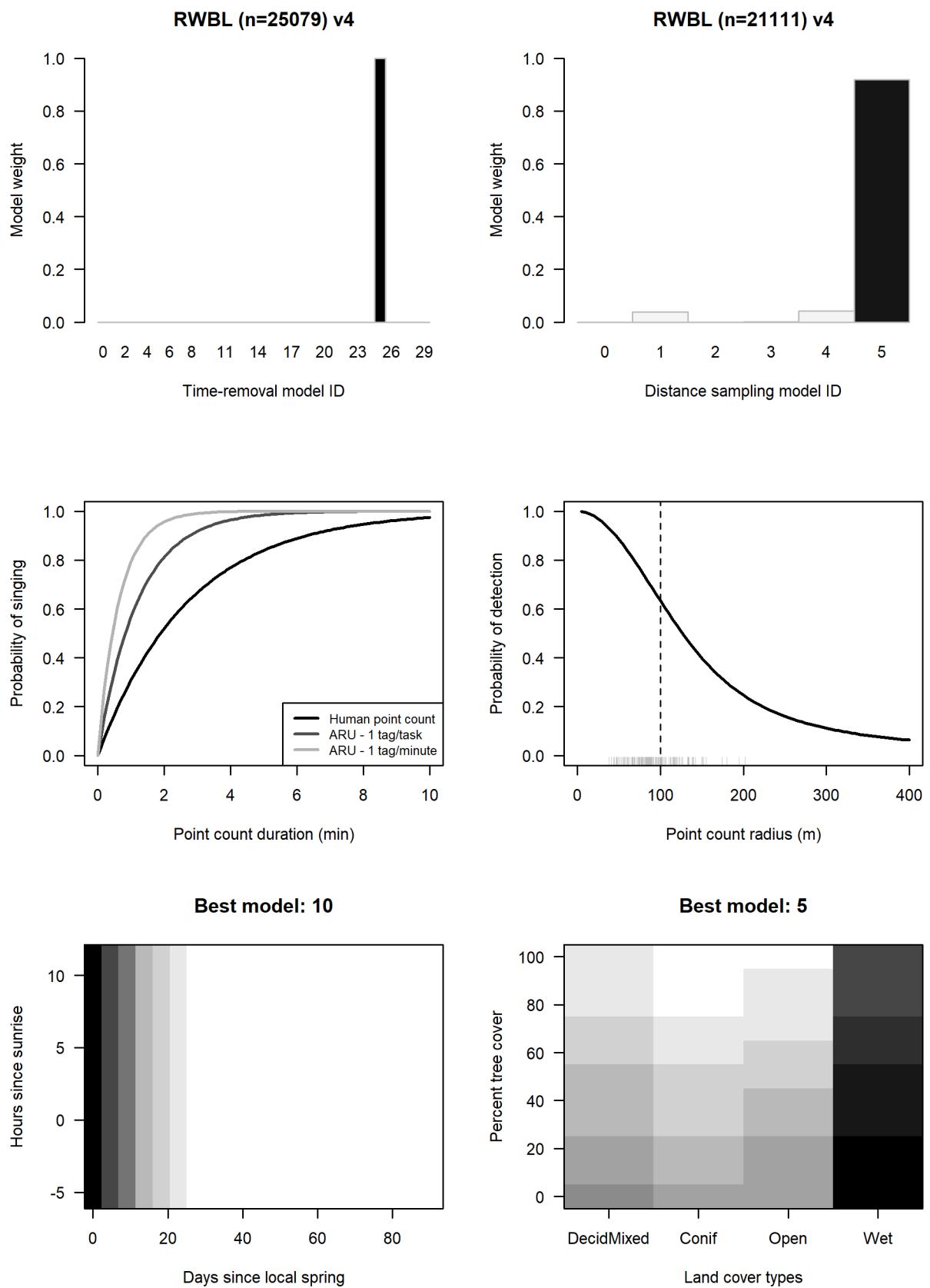


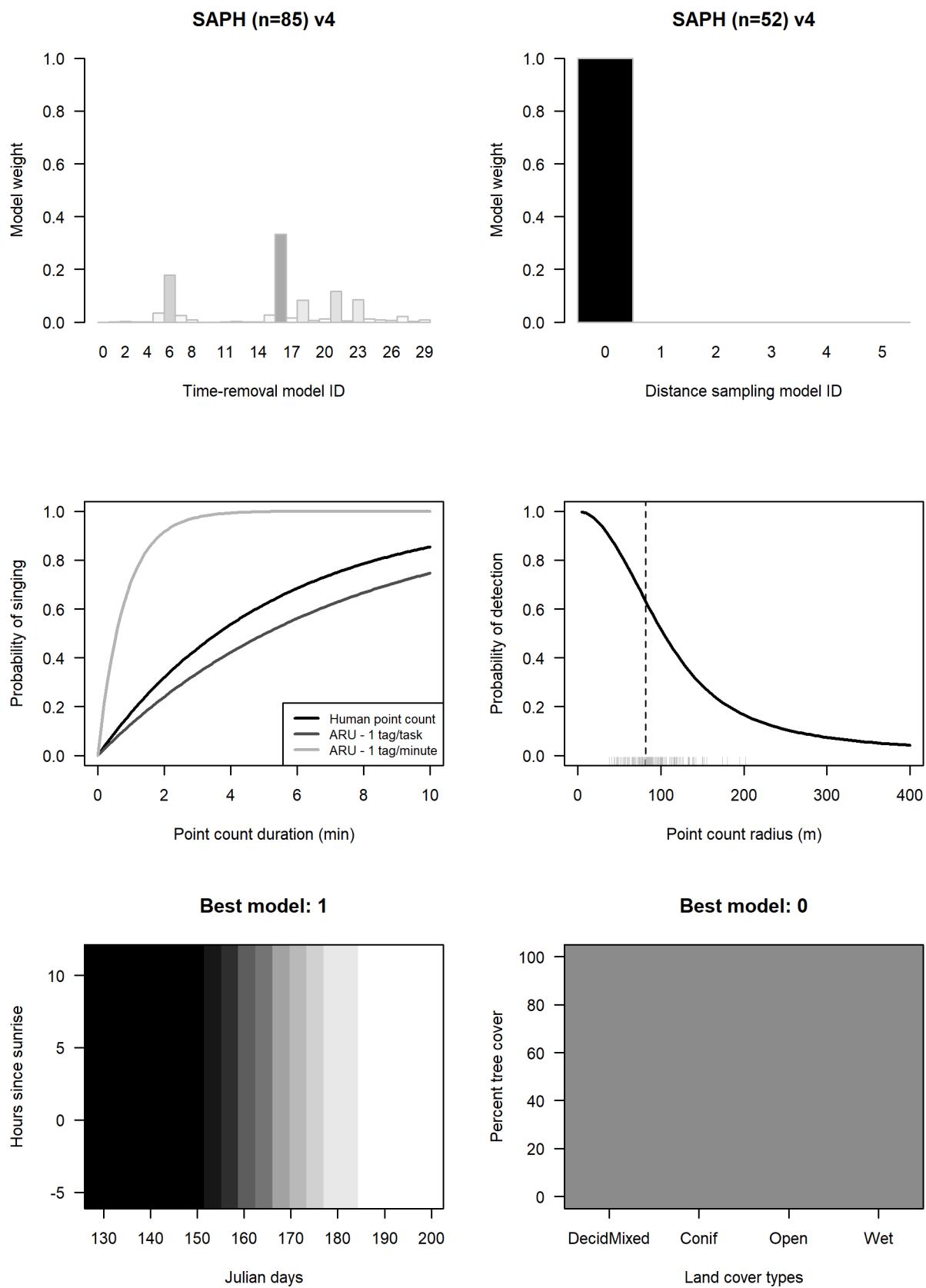
Best model: 9

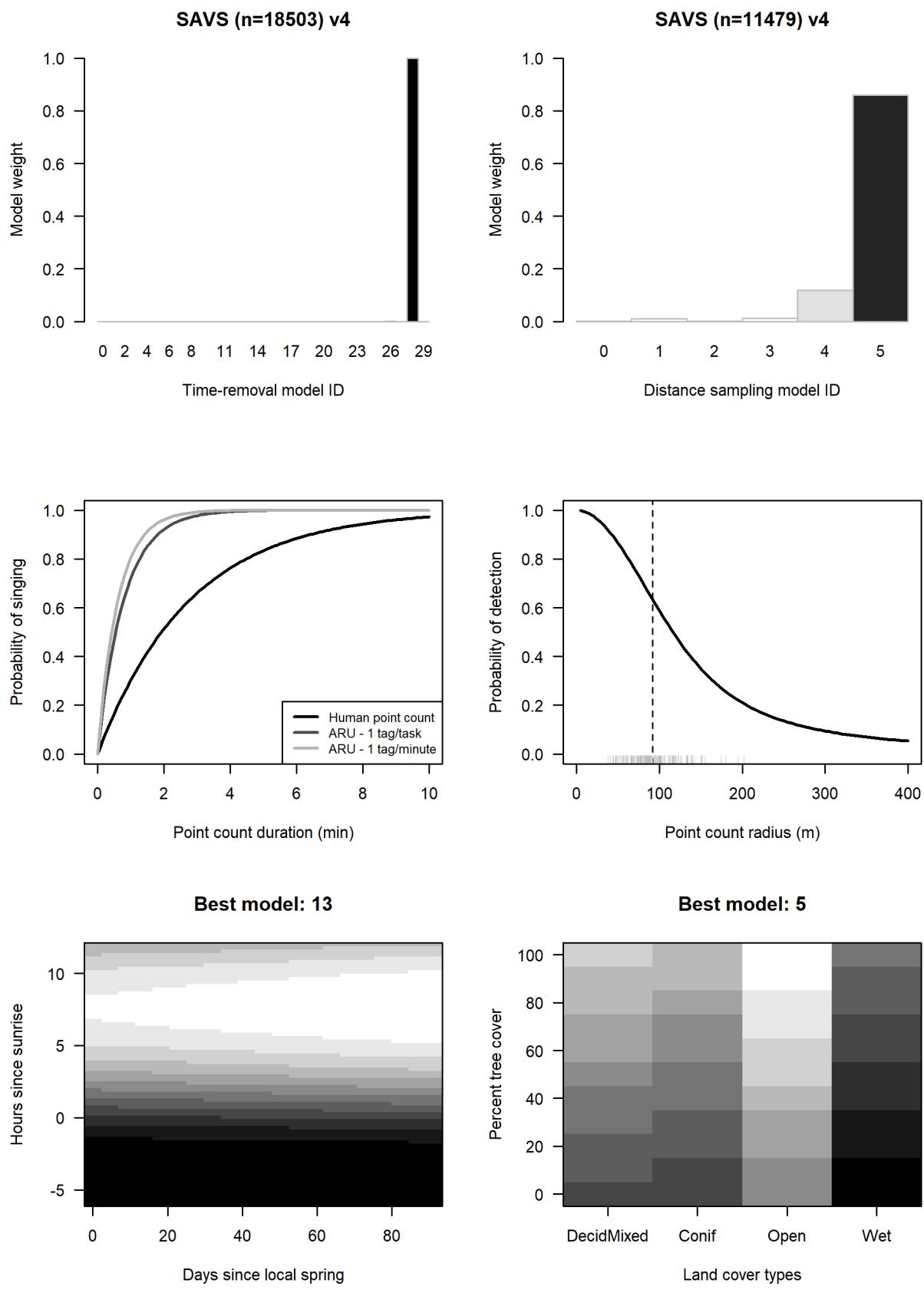


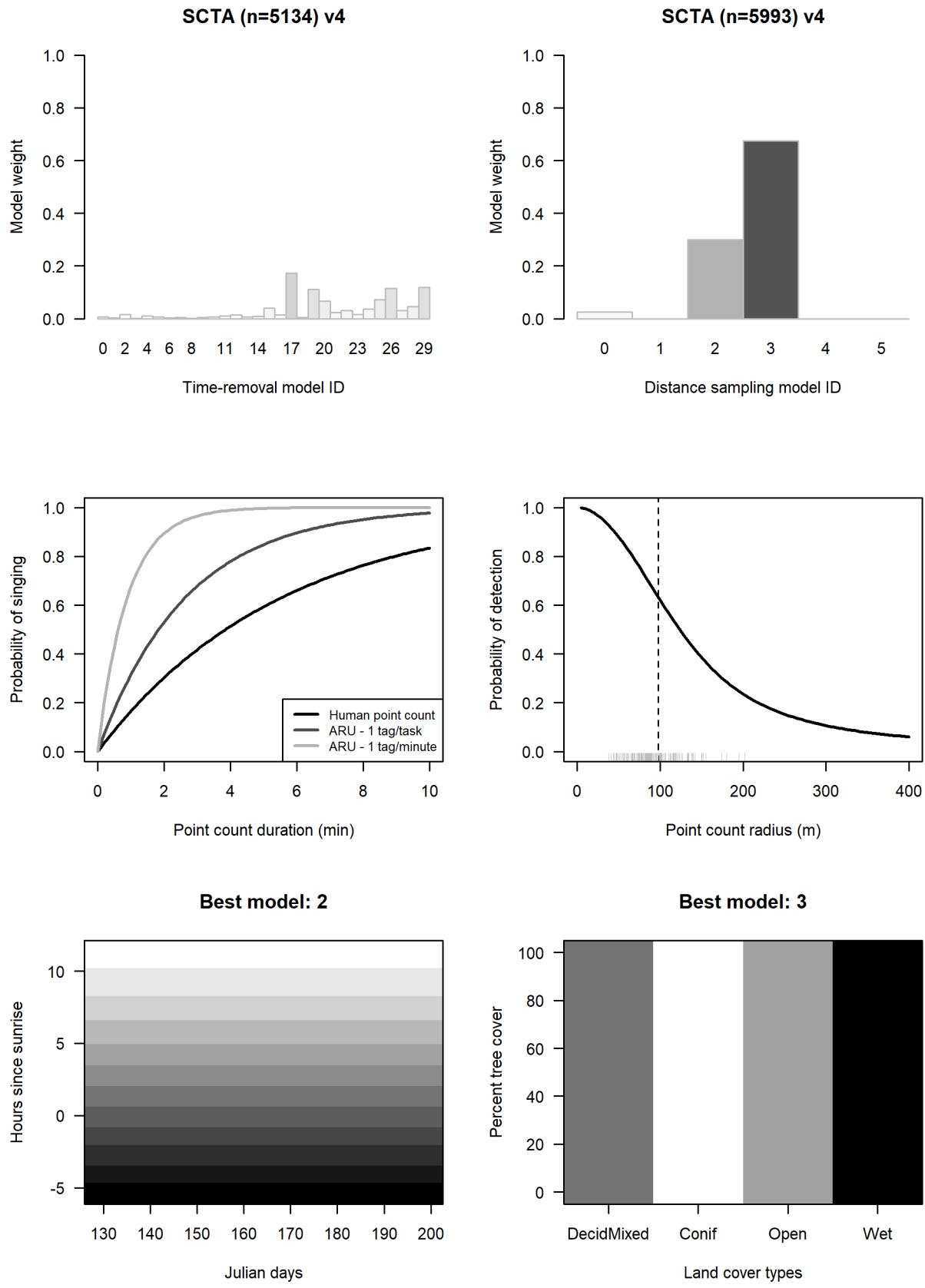
Best model: 3

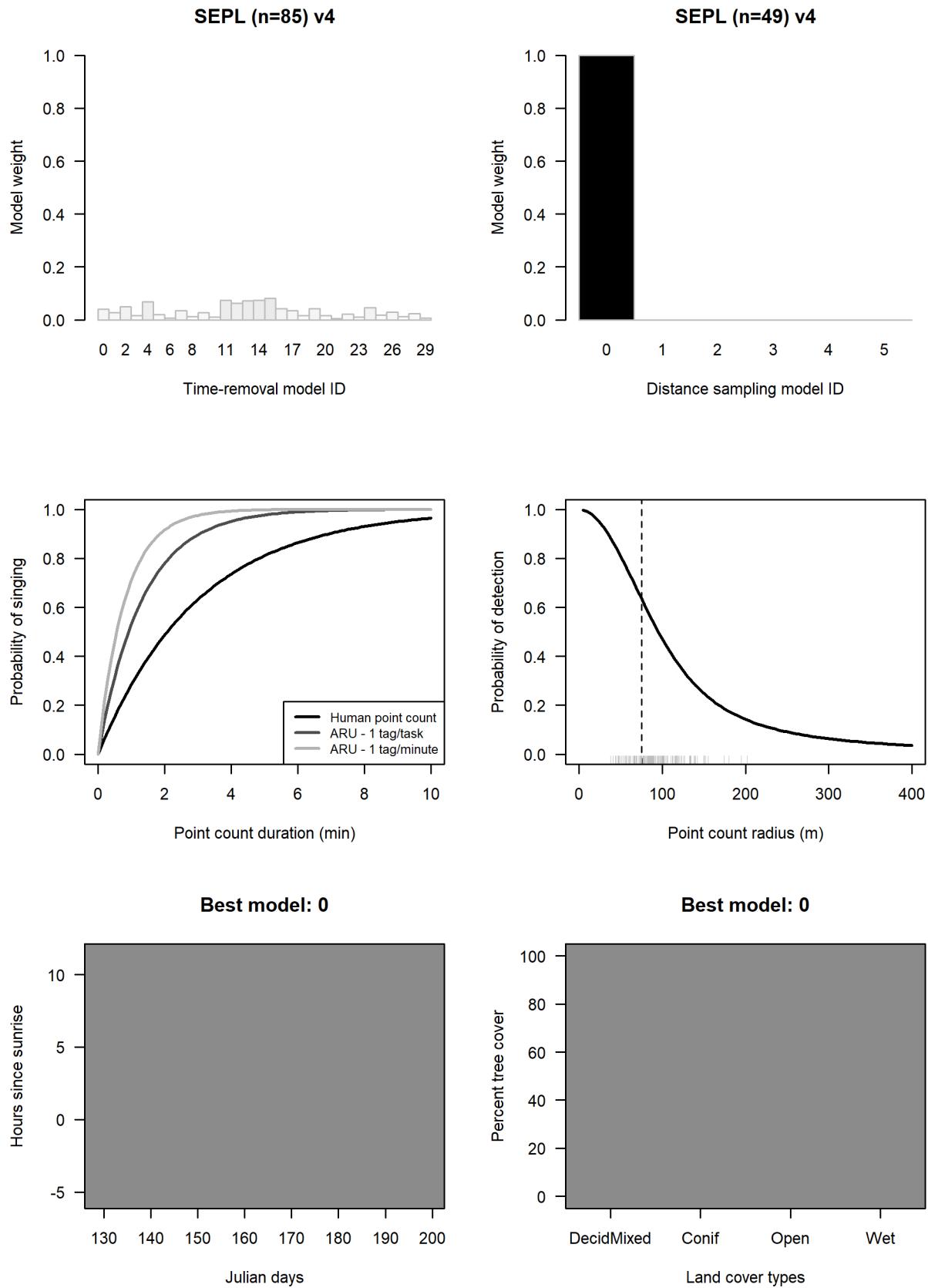


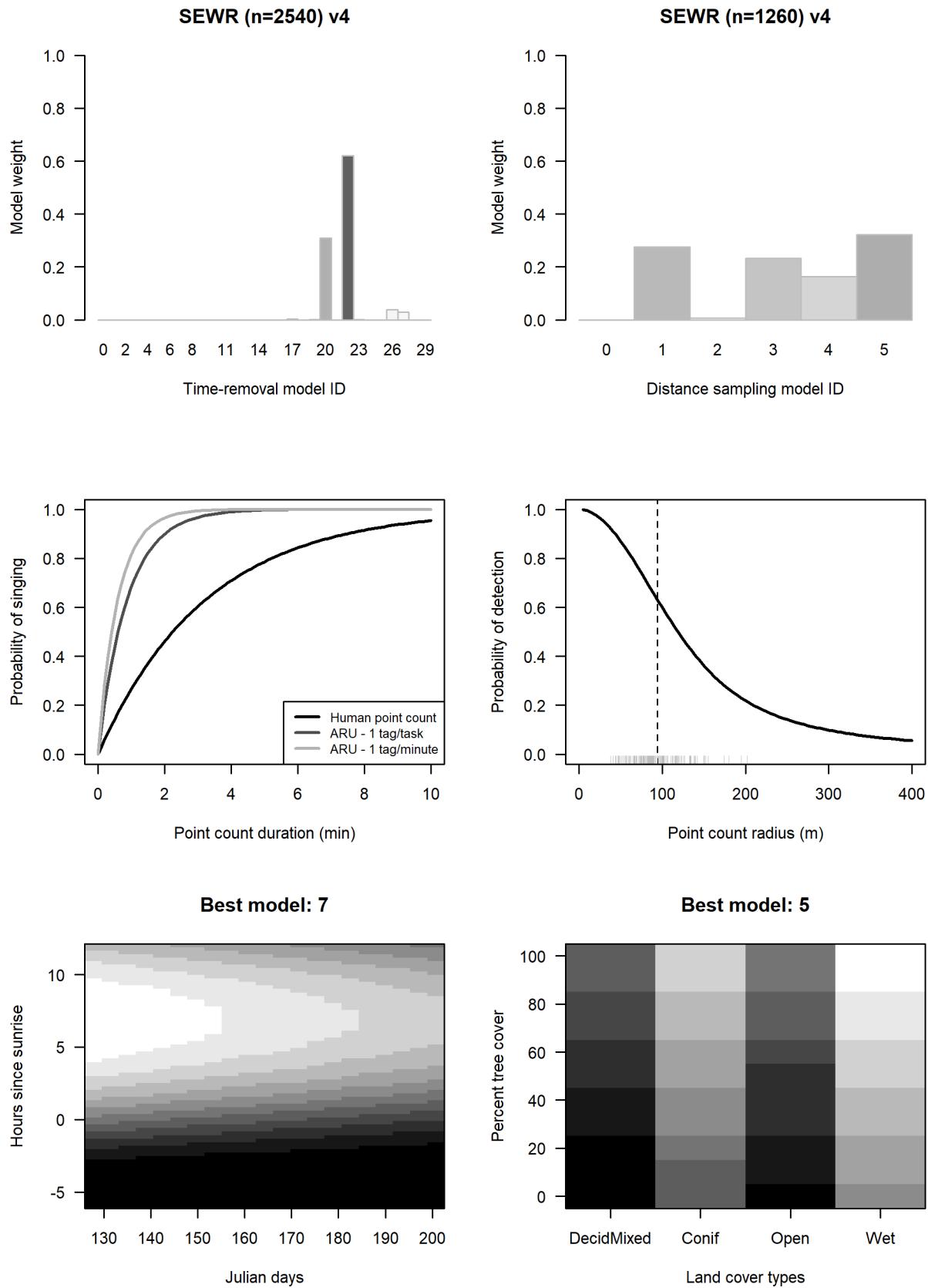




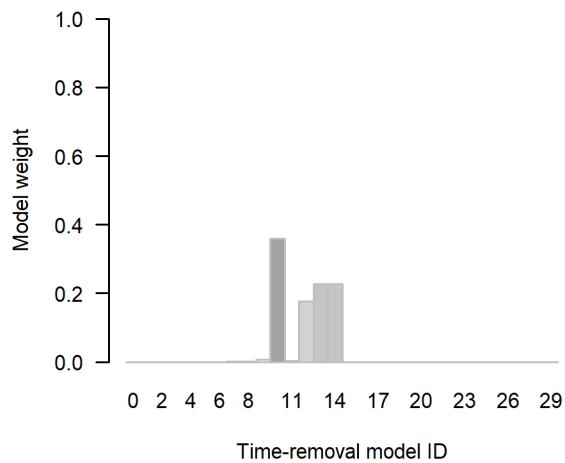




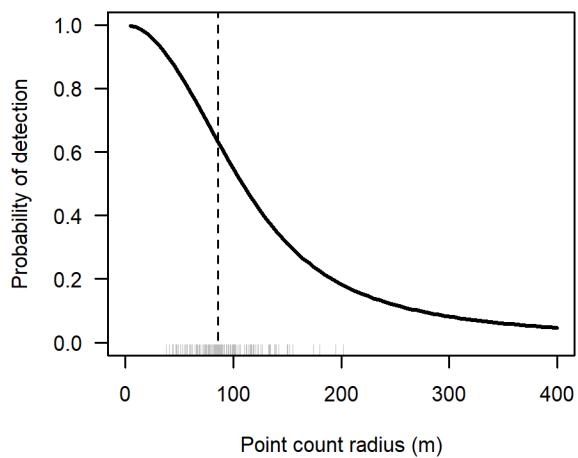
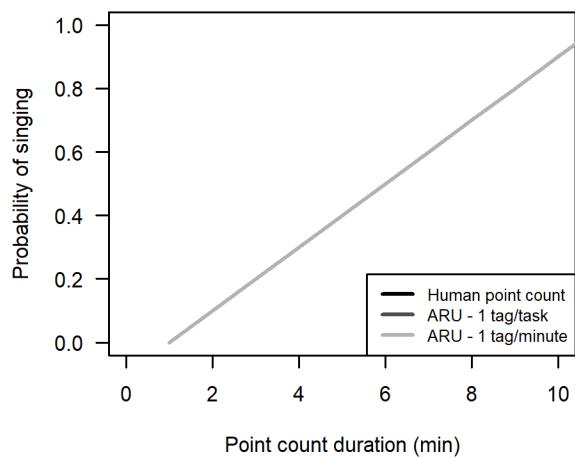
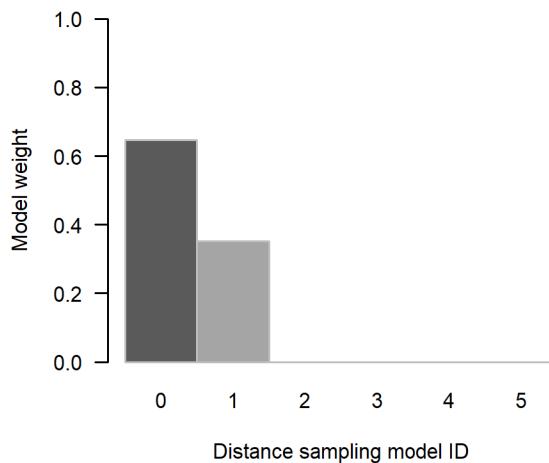




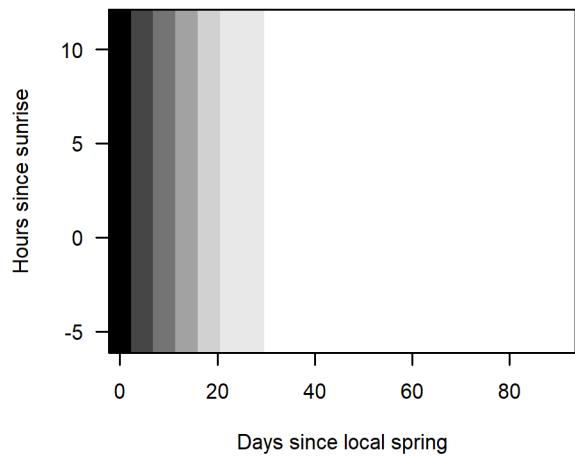
SMLO (n=198) v4



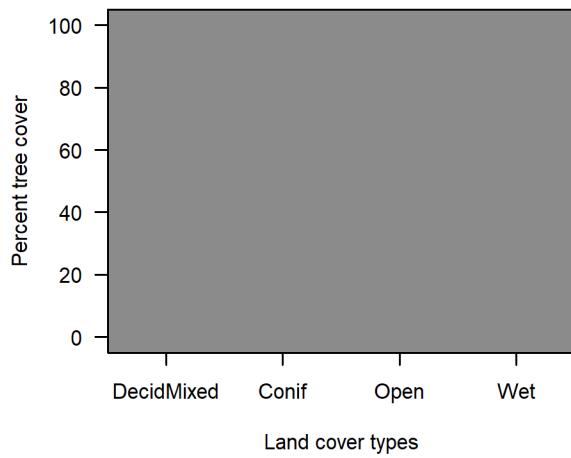
SMLO (n=155) v4

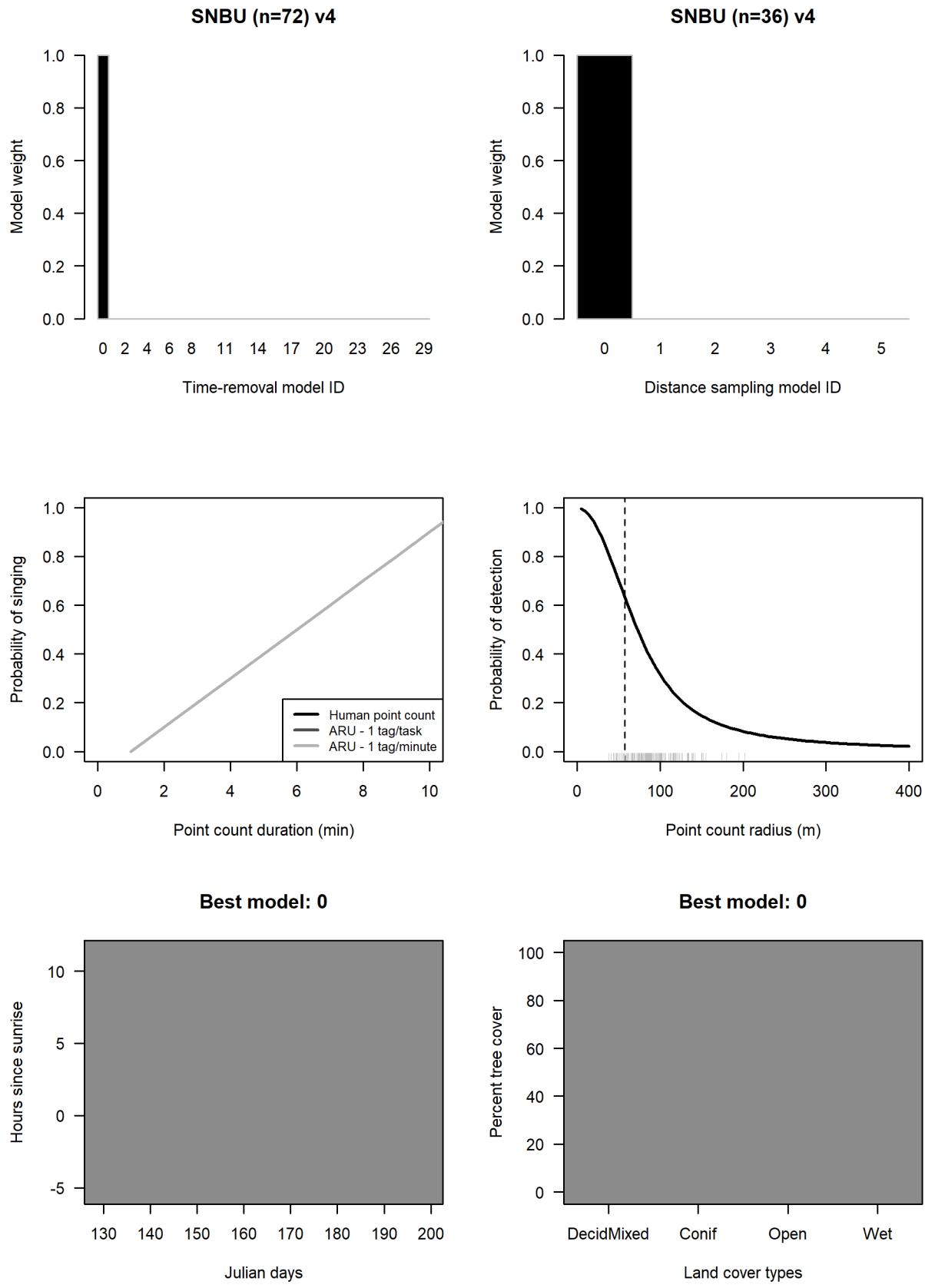


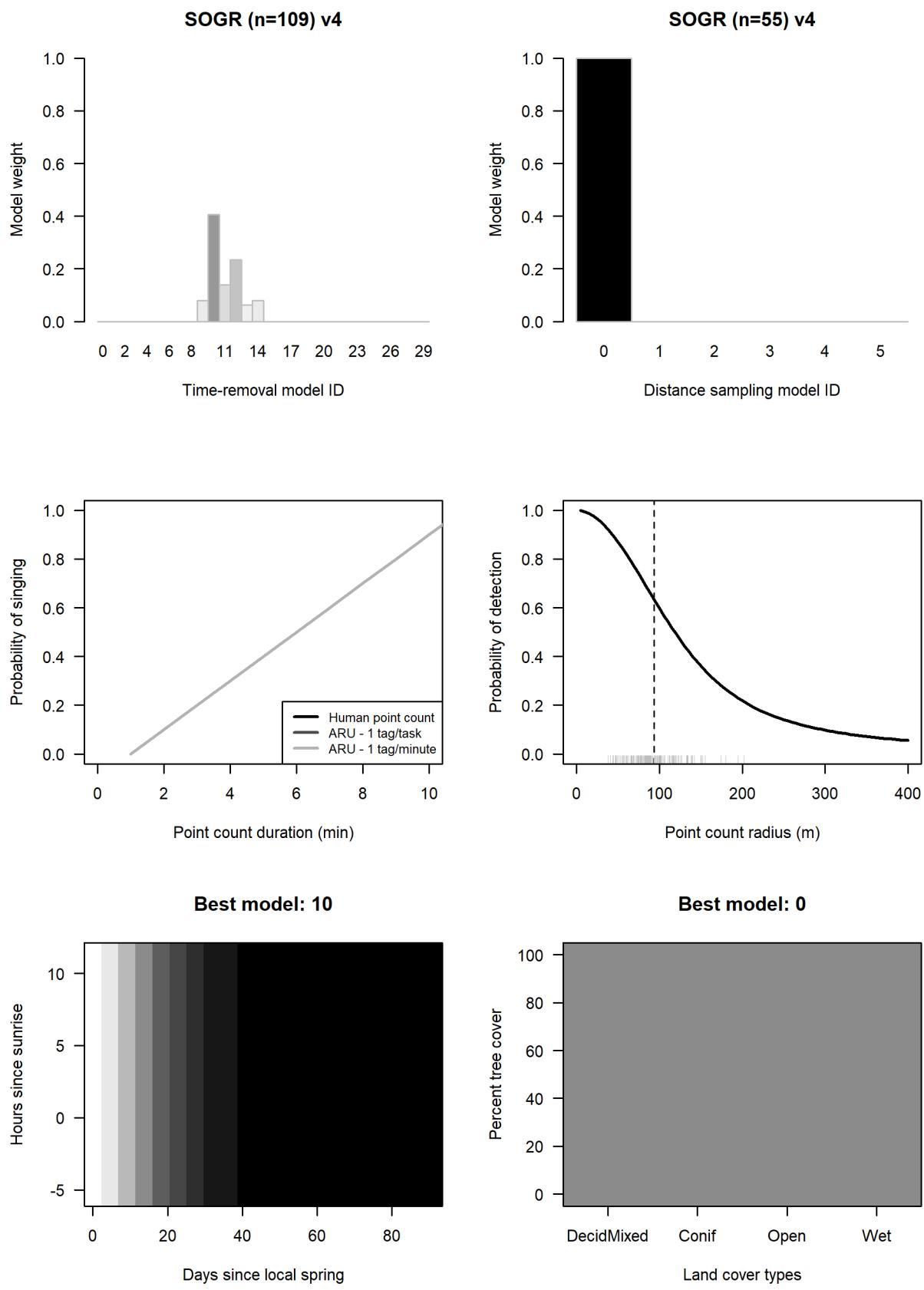
Best model: 10

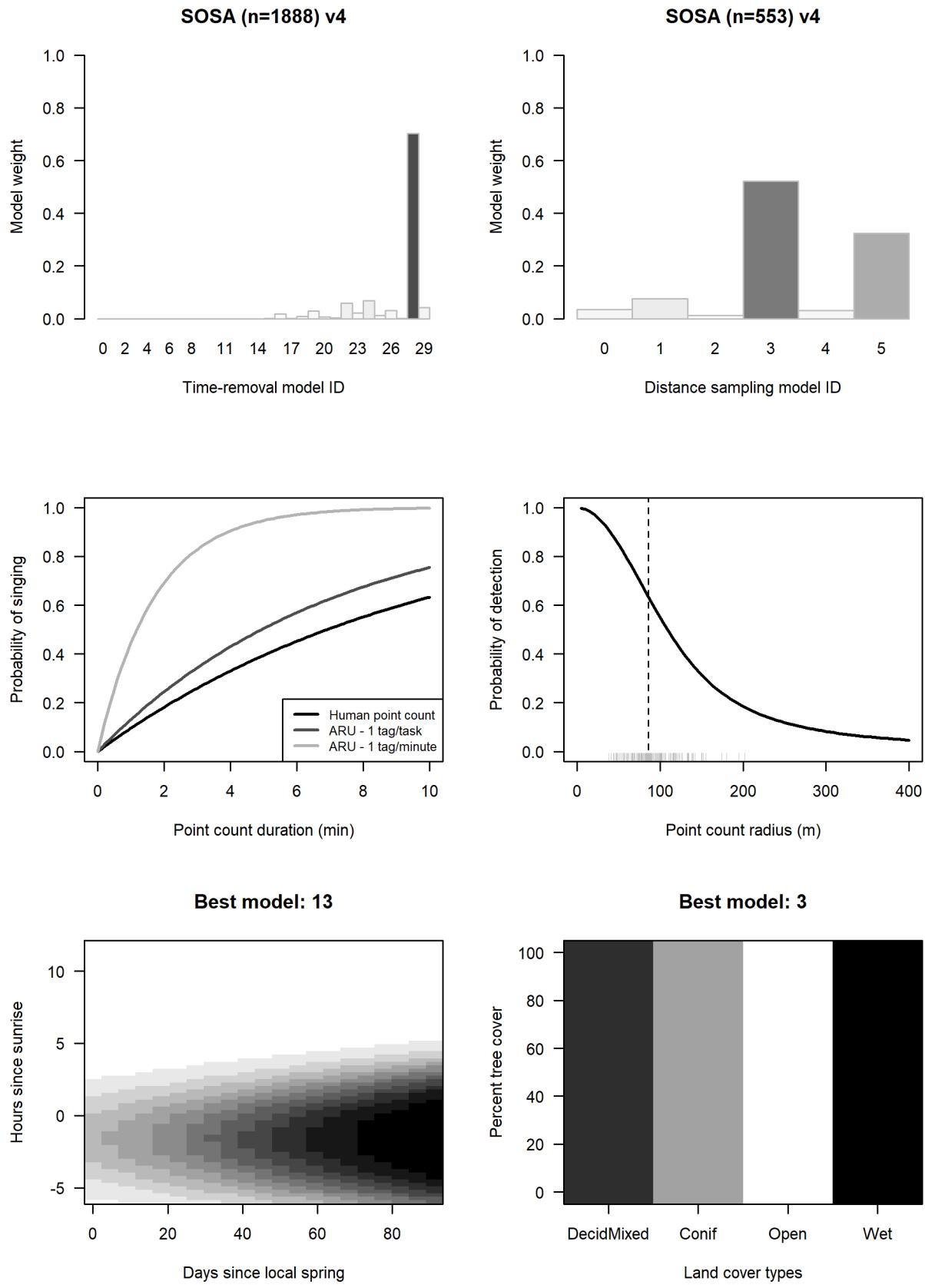


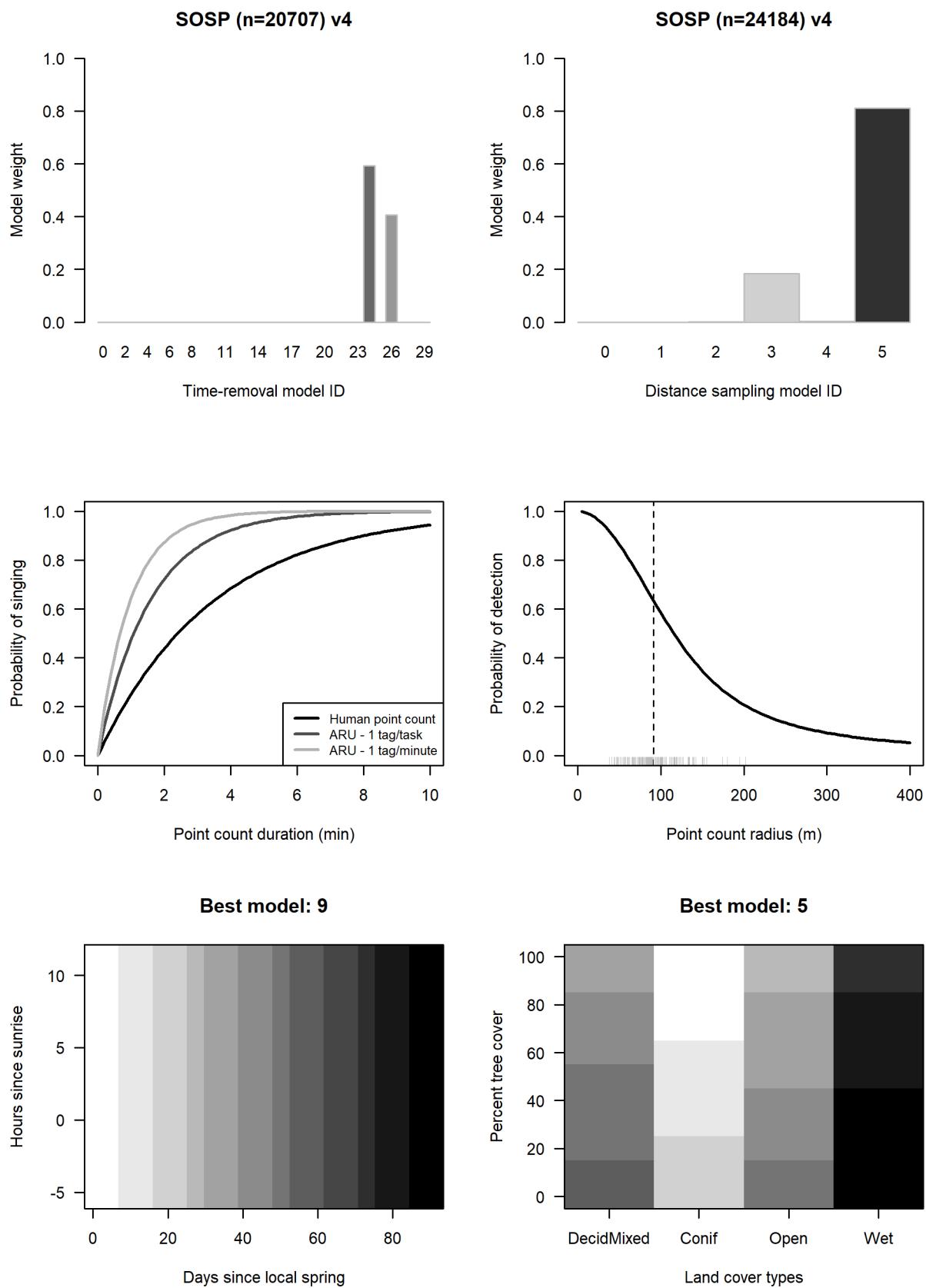
Best model: 0



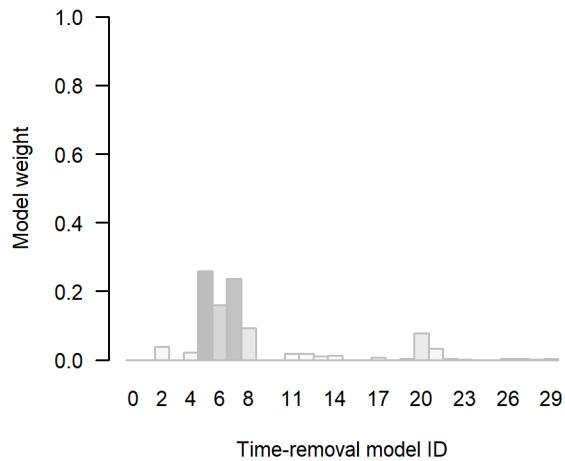




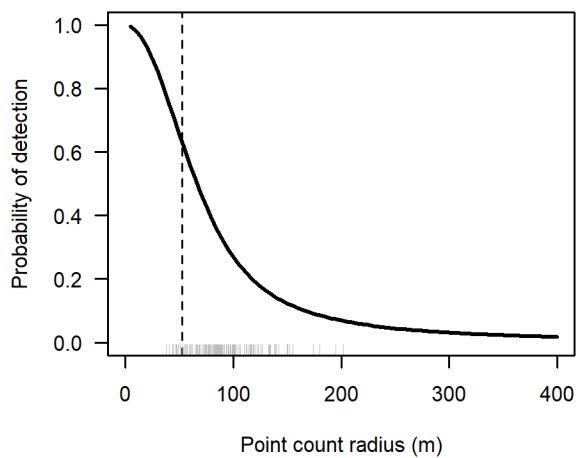
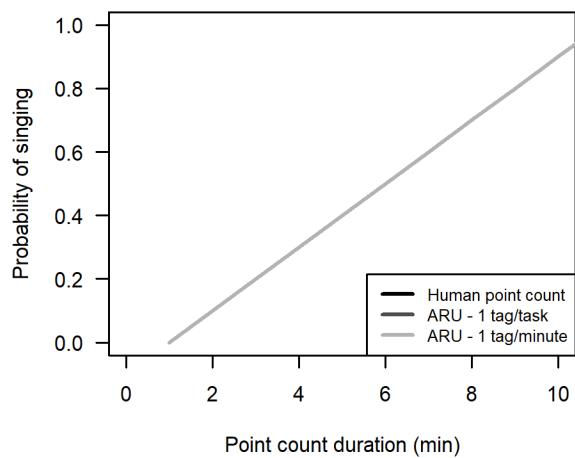
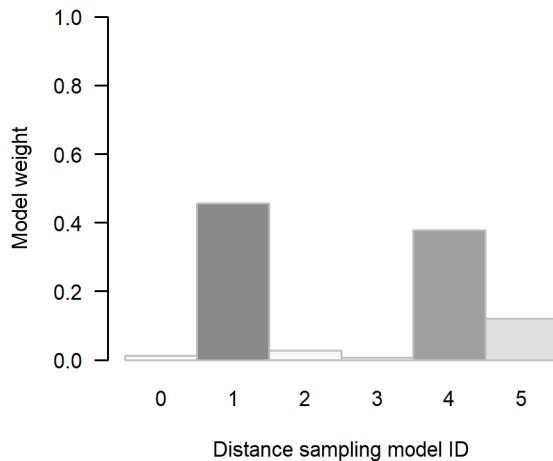




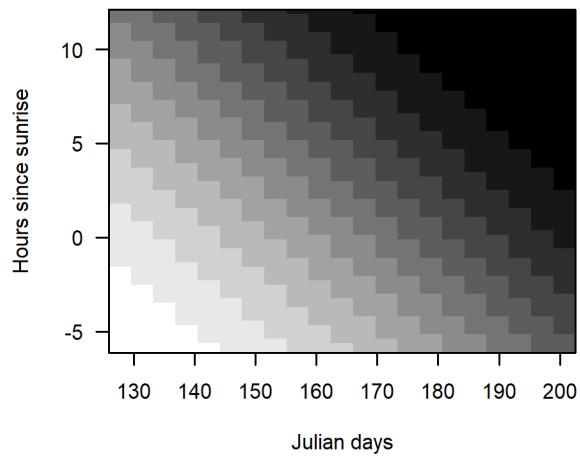
SPGR (n=364) v4



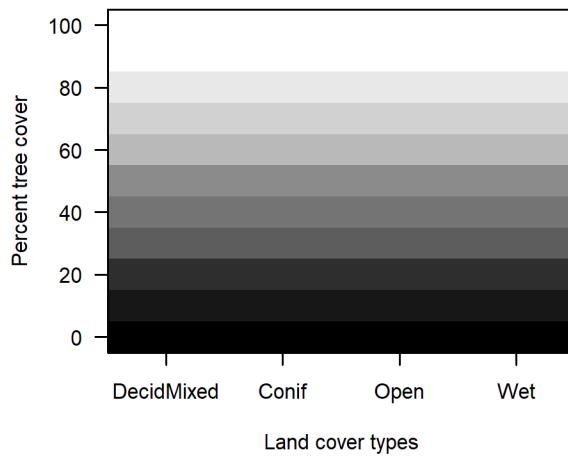
SPGR (n=108) v4

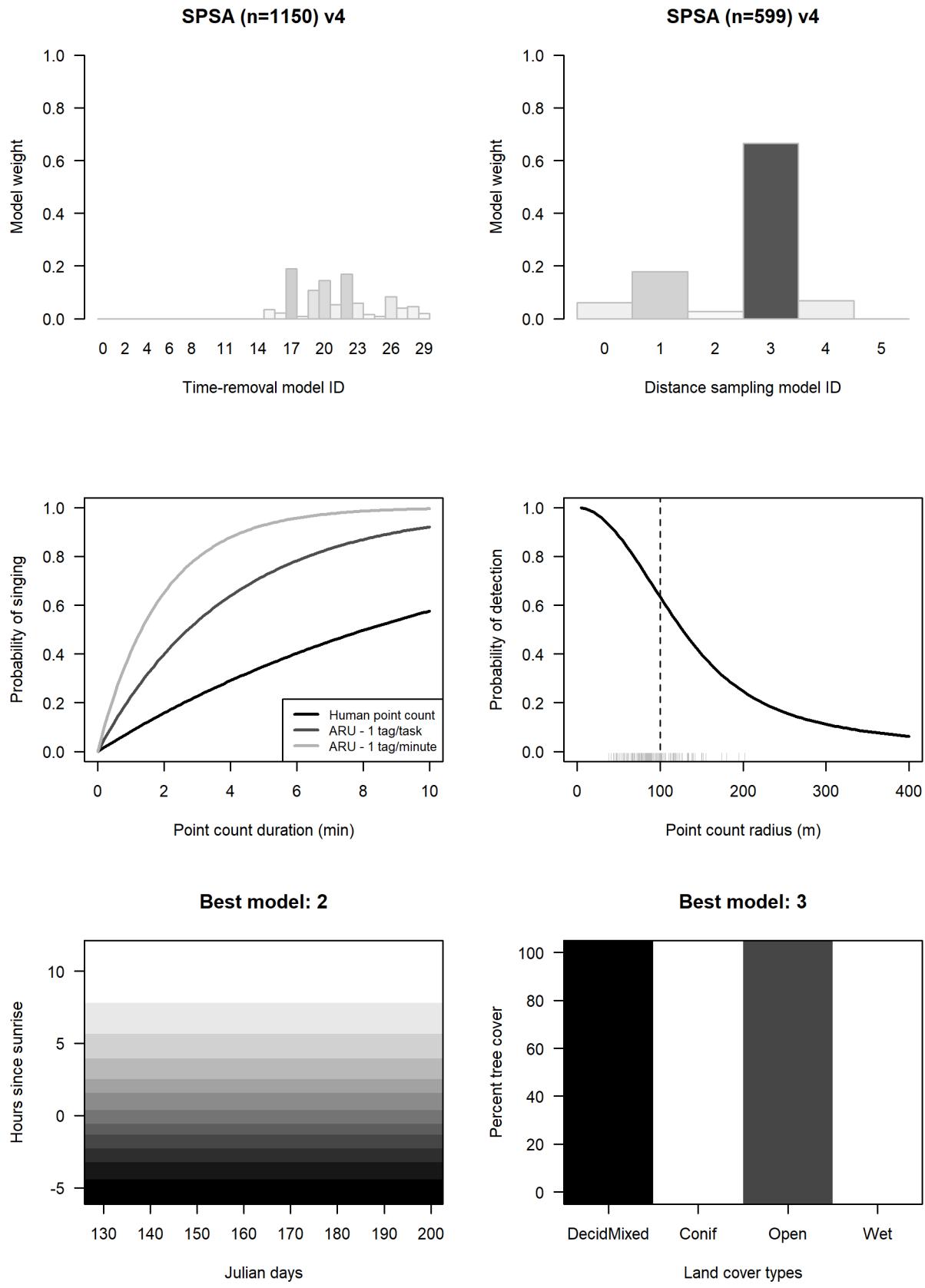


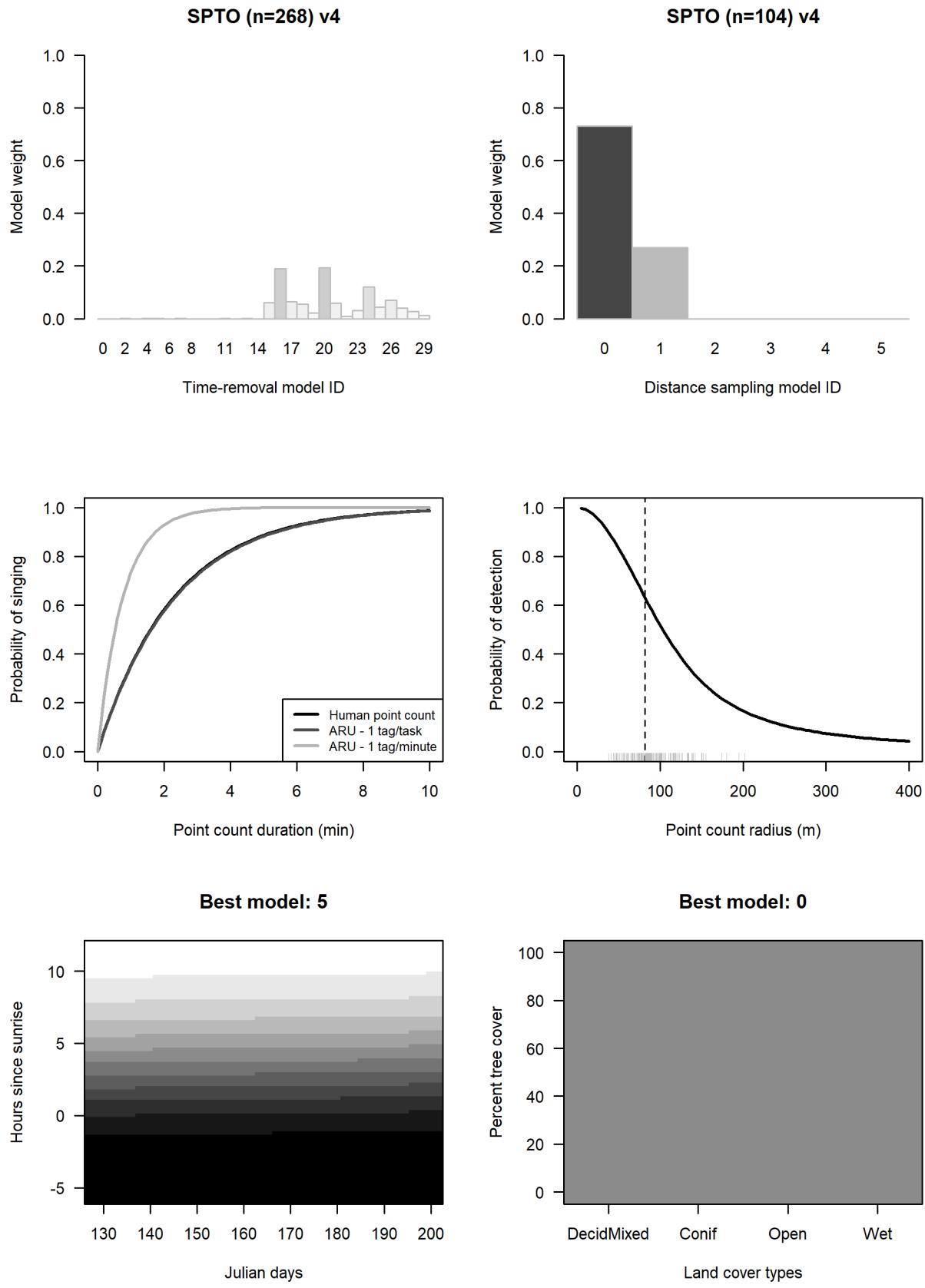
Best model: 5

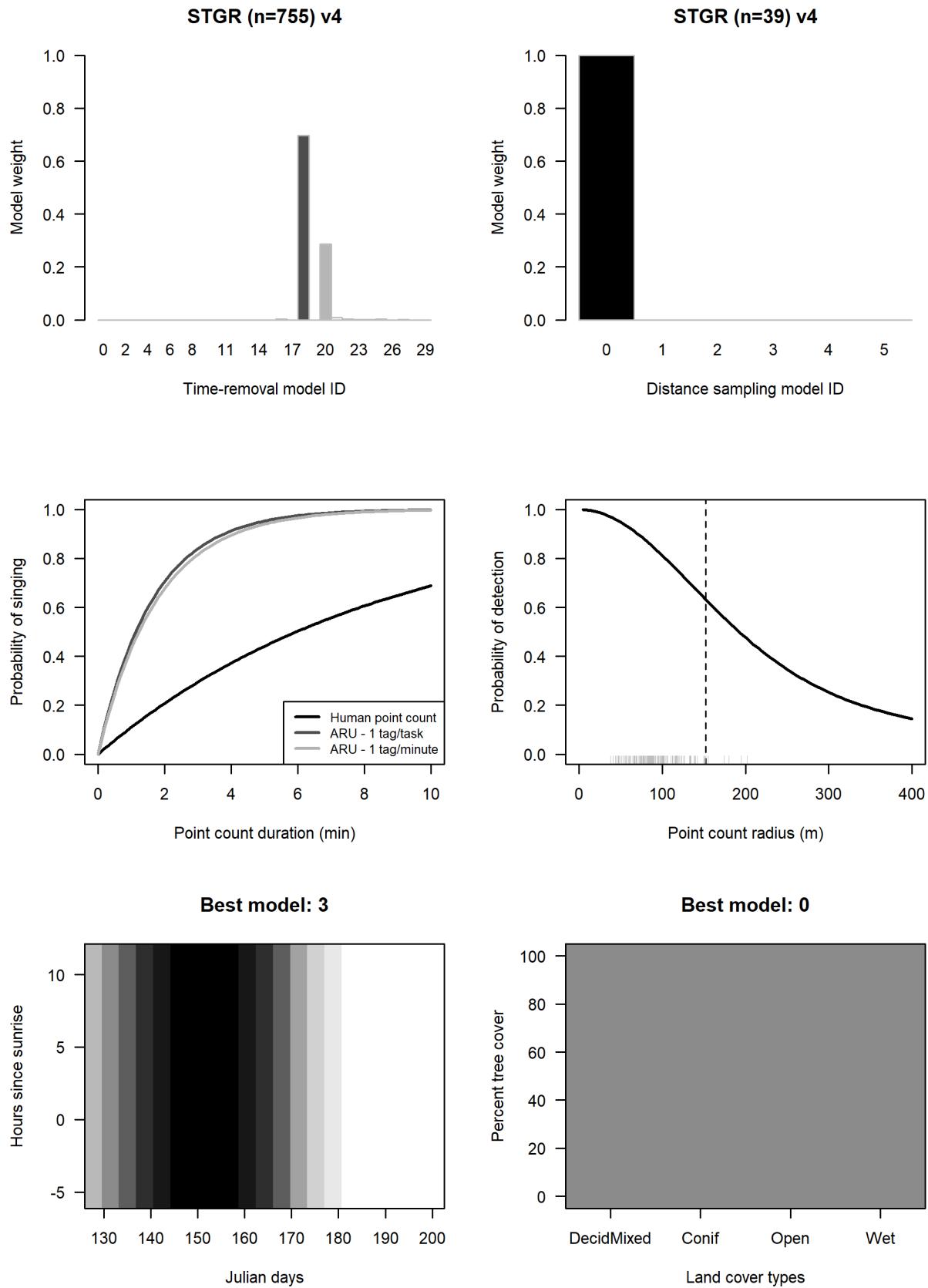


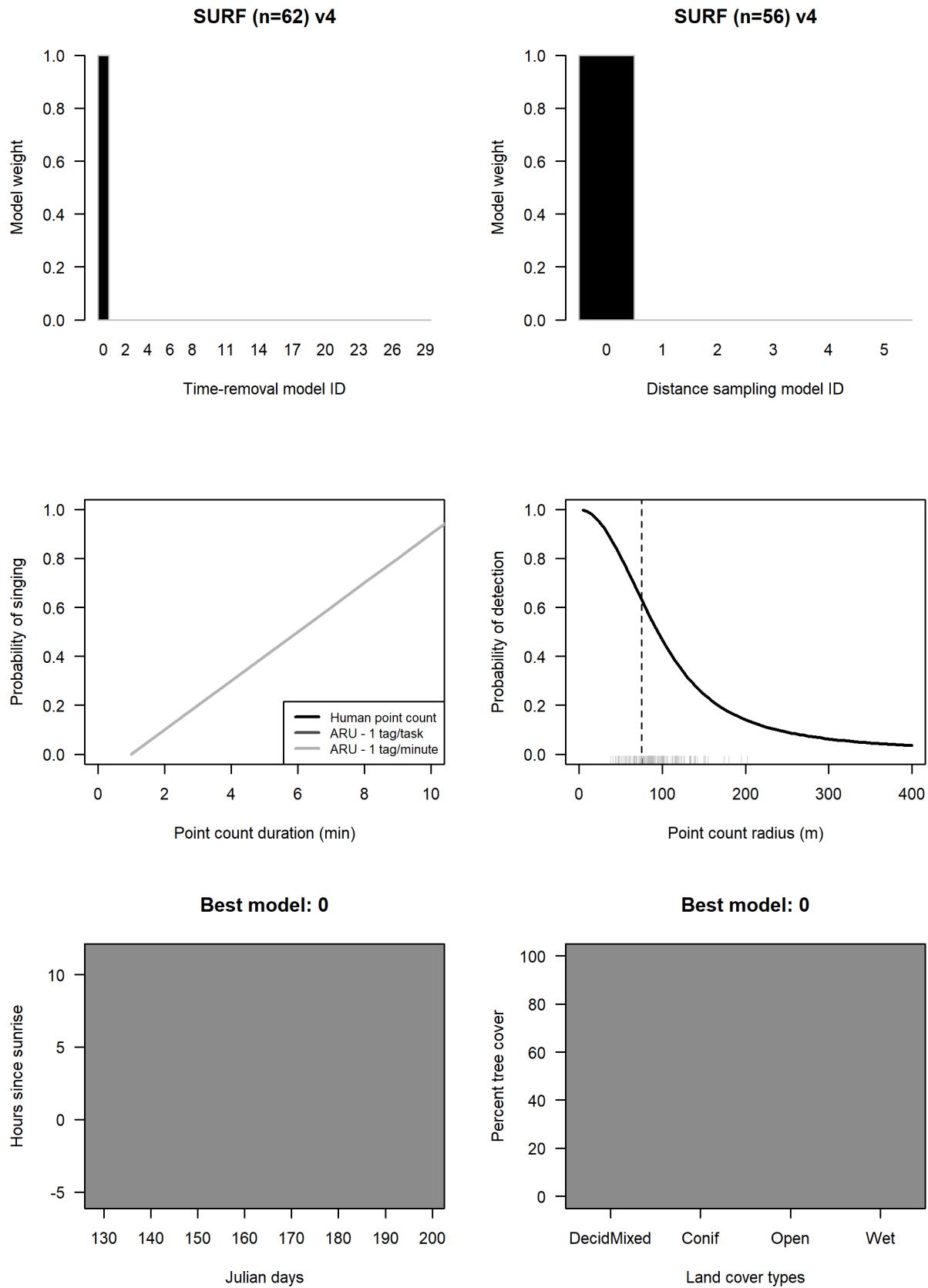
Best model: 1

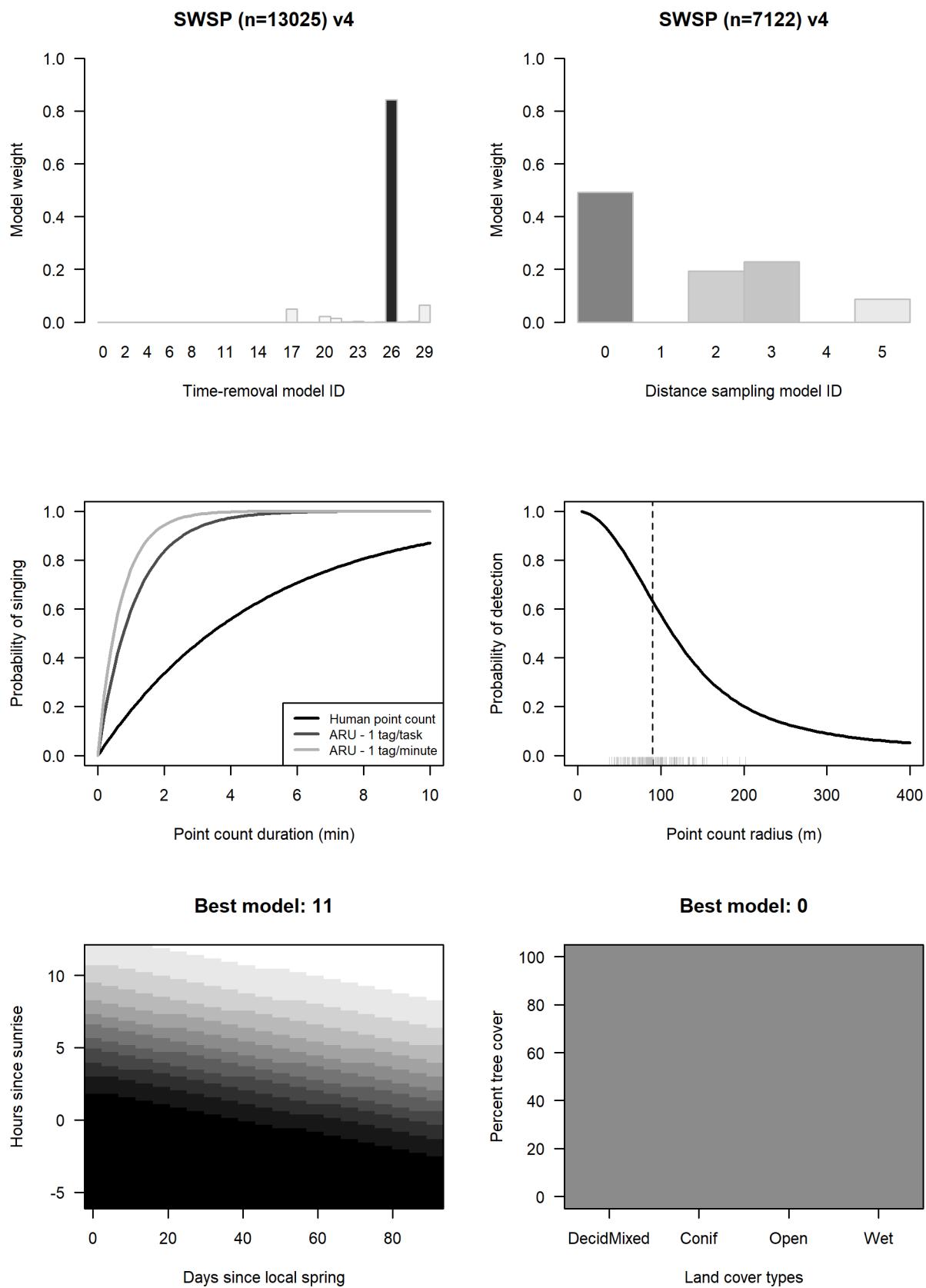


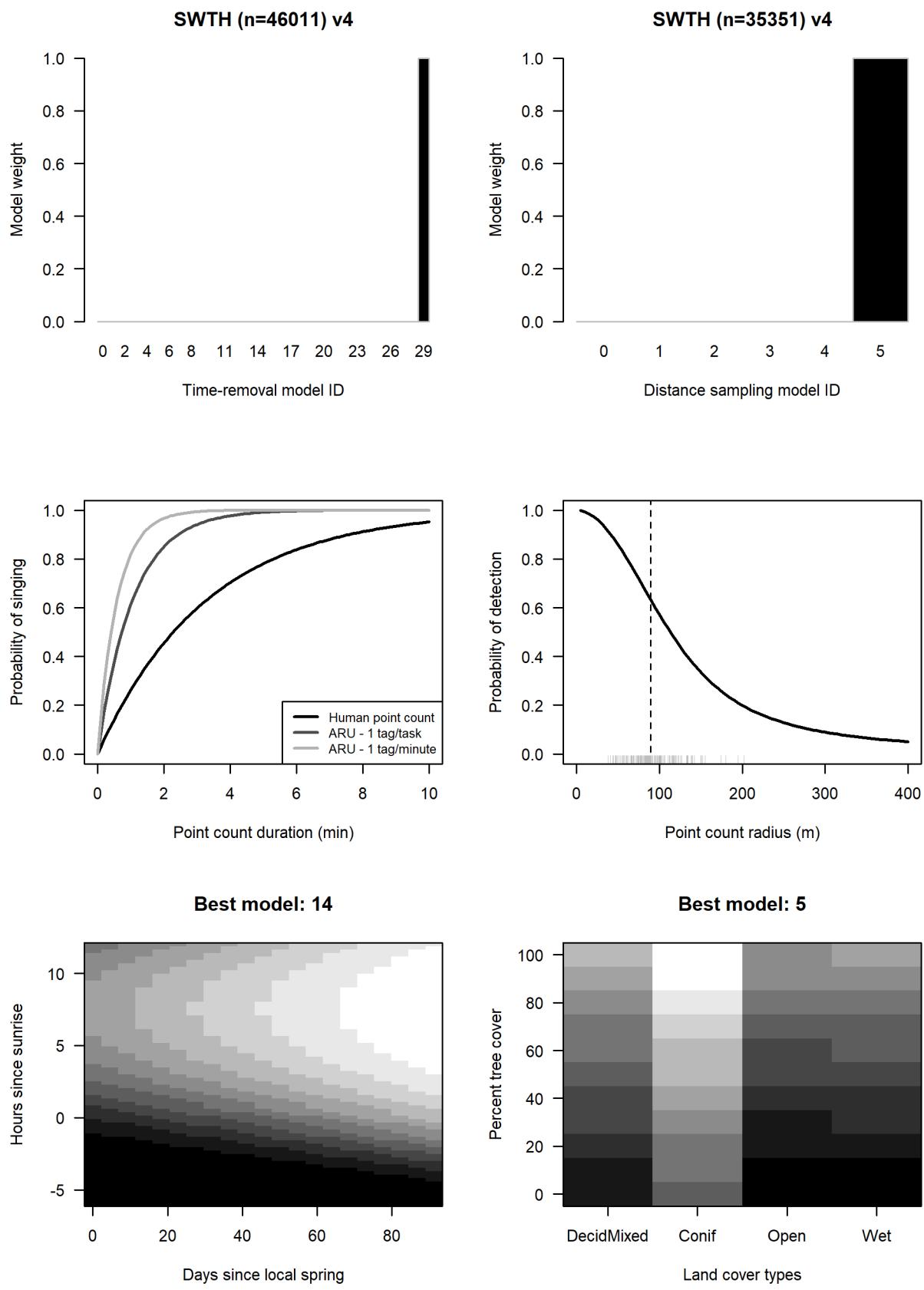


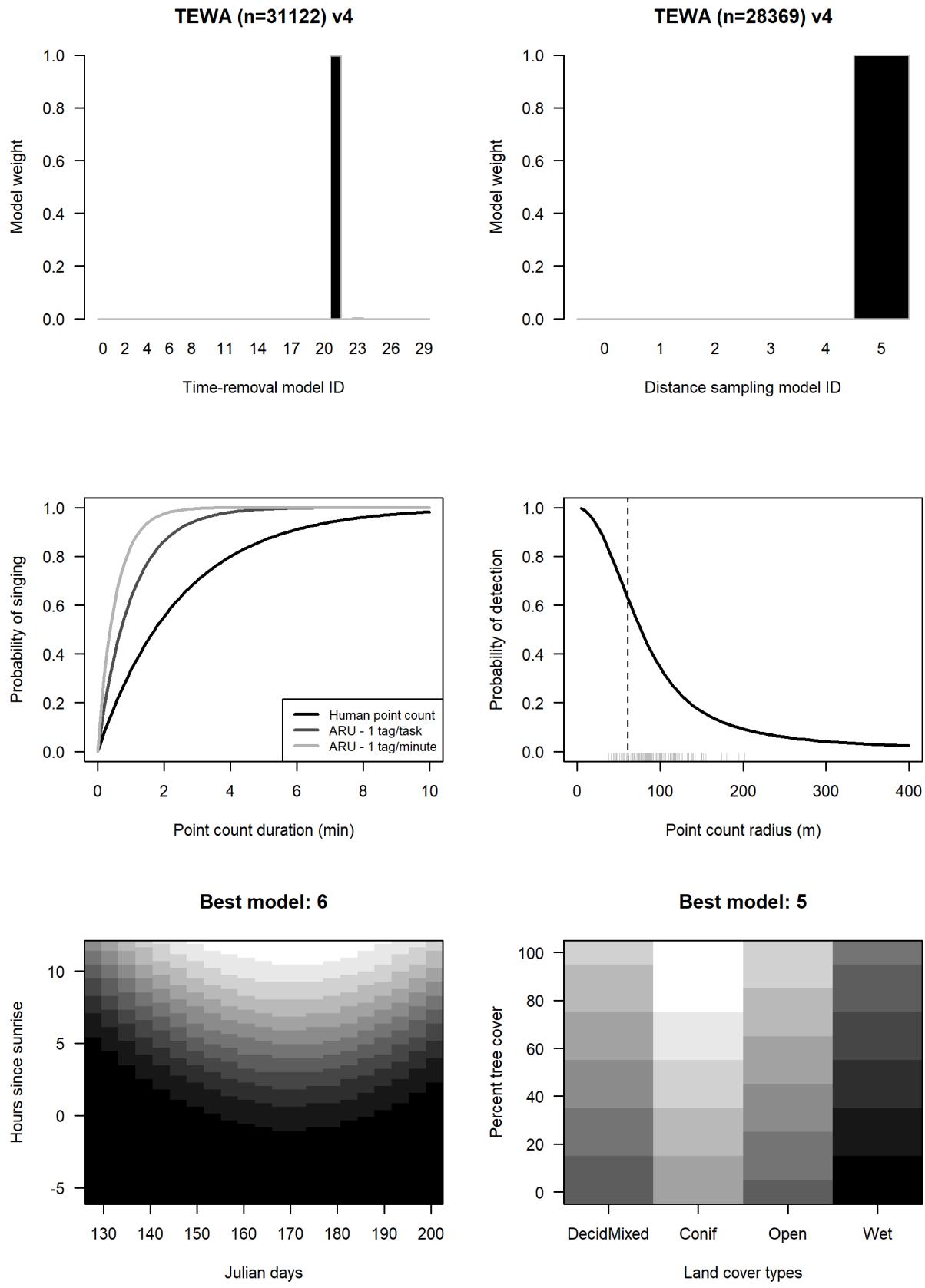


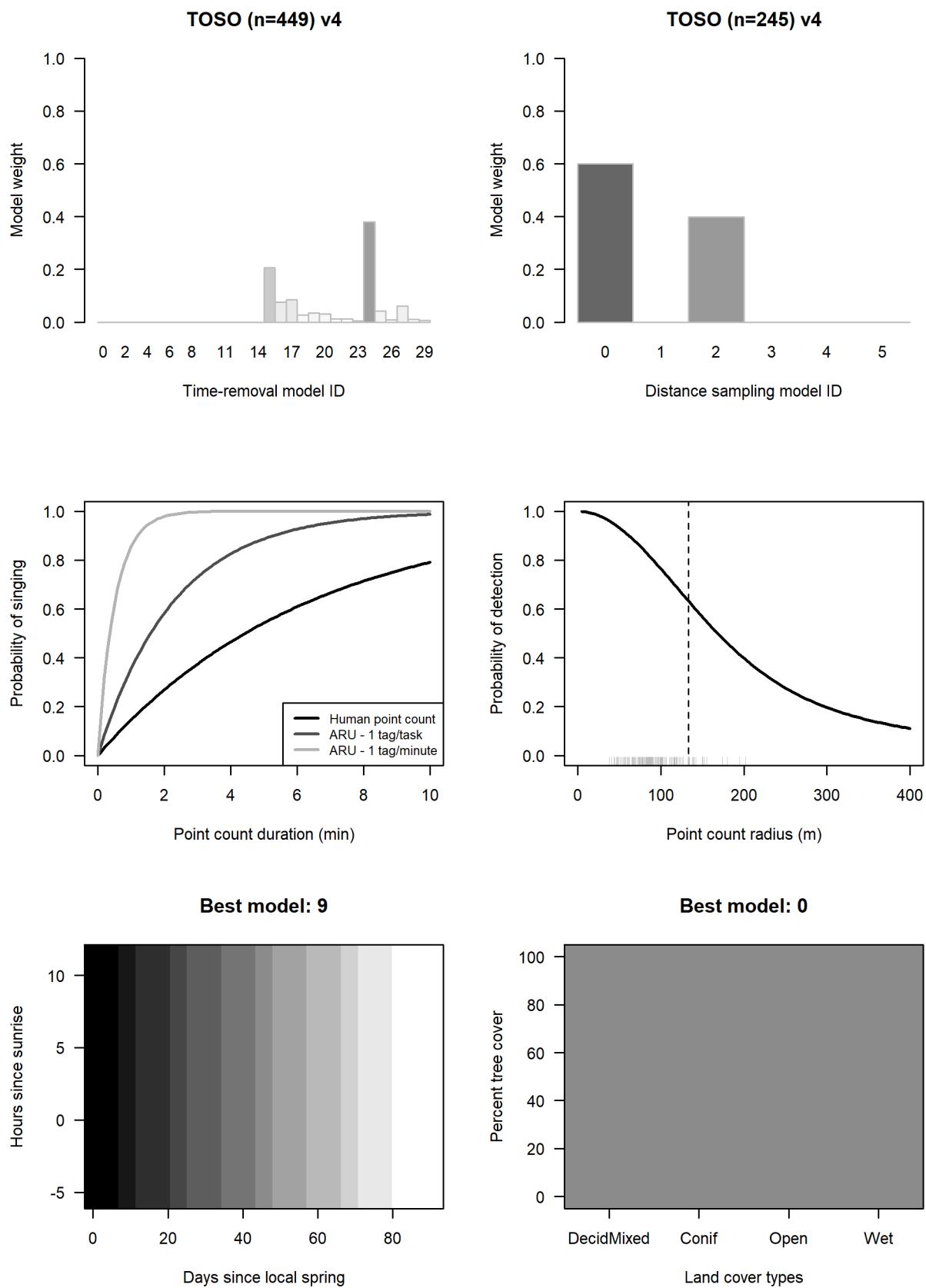


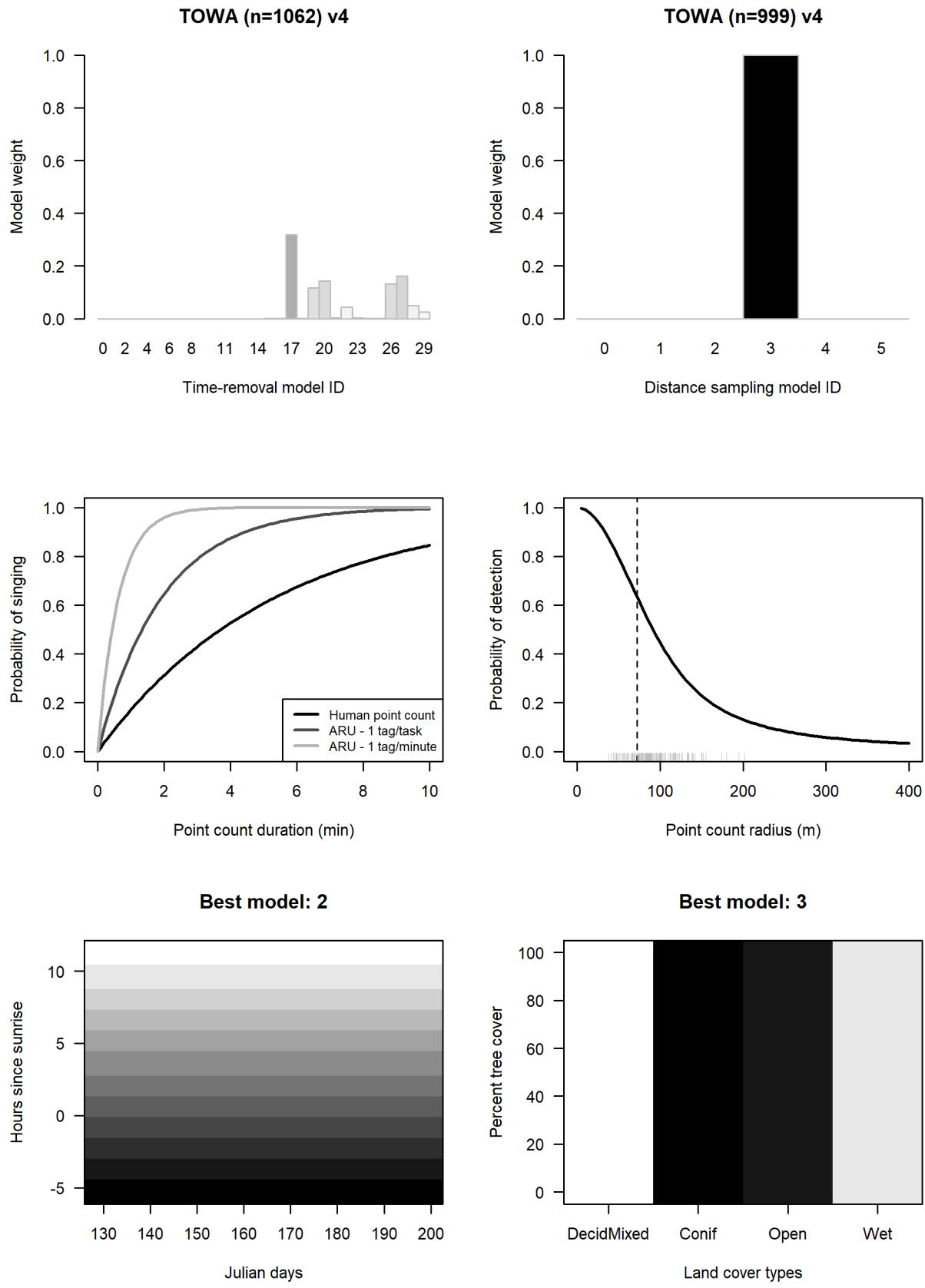


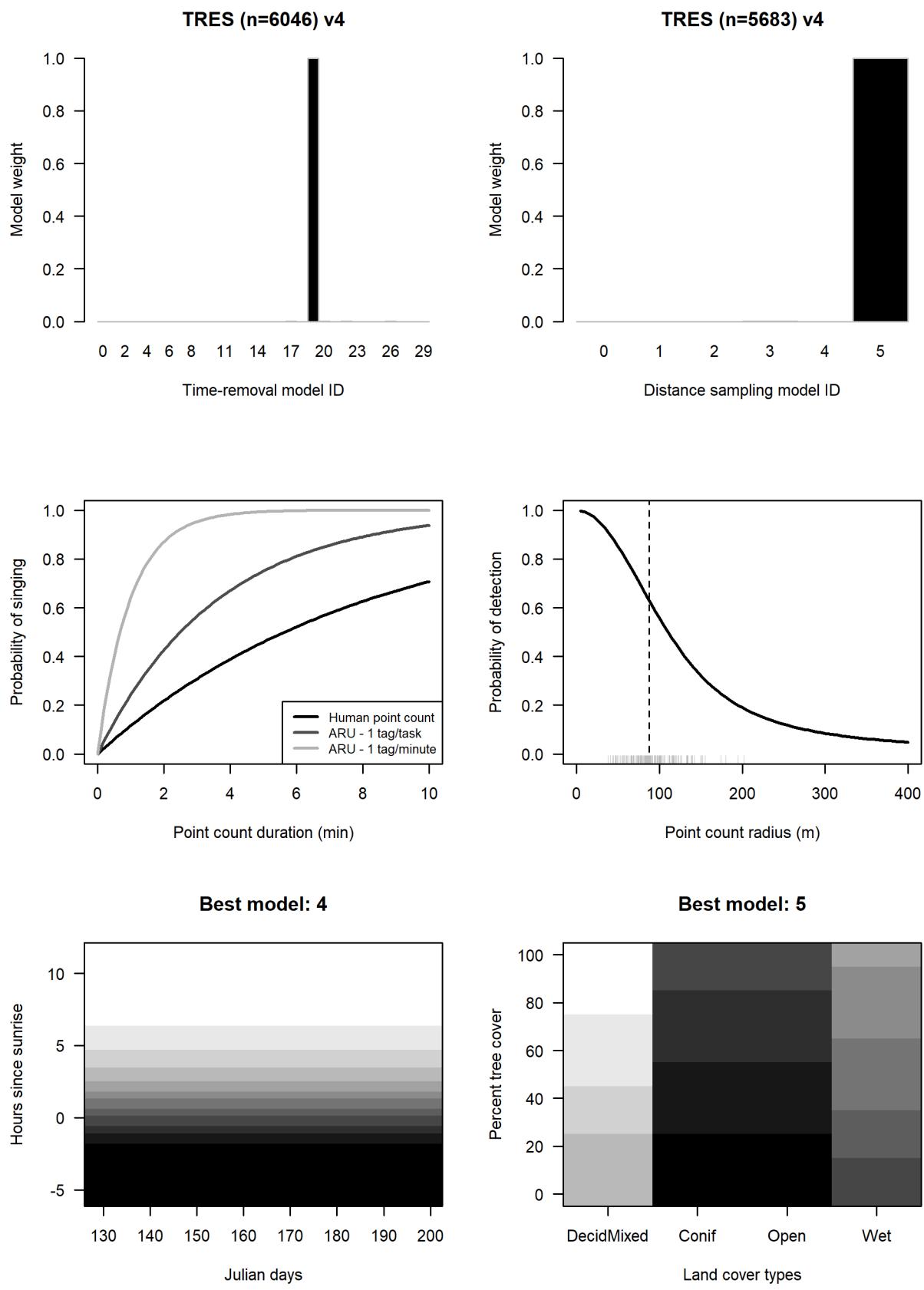


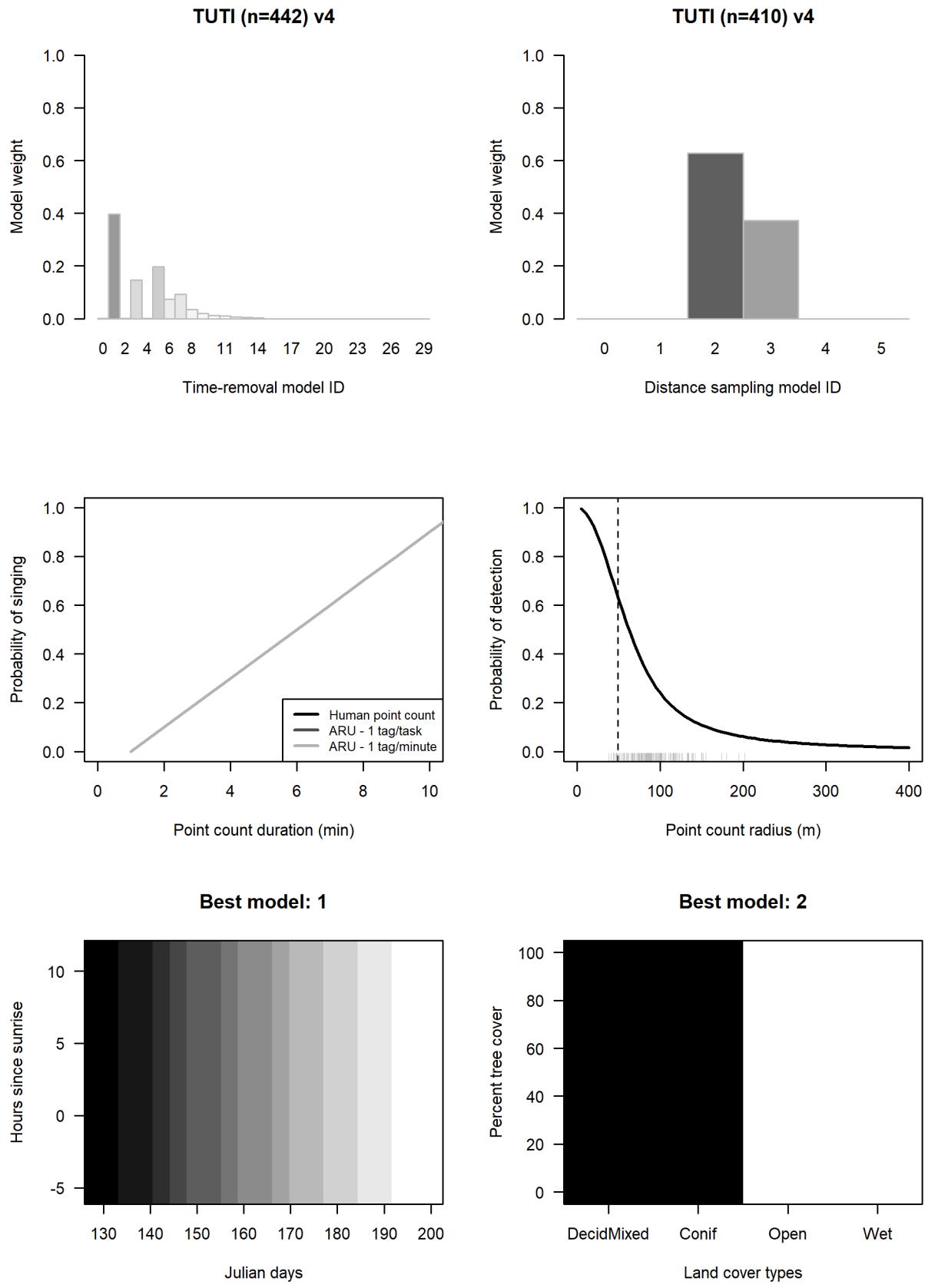


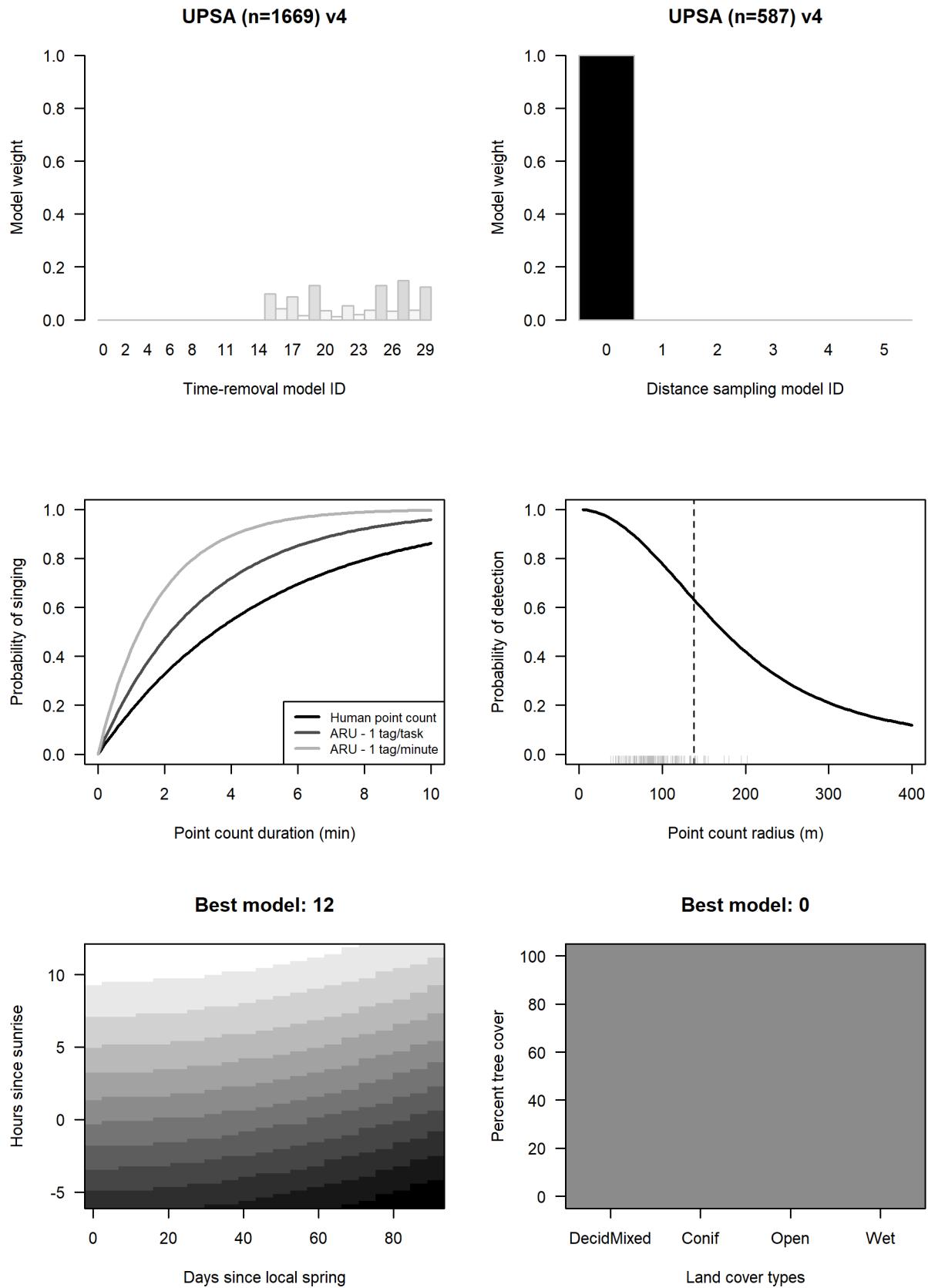


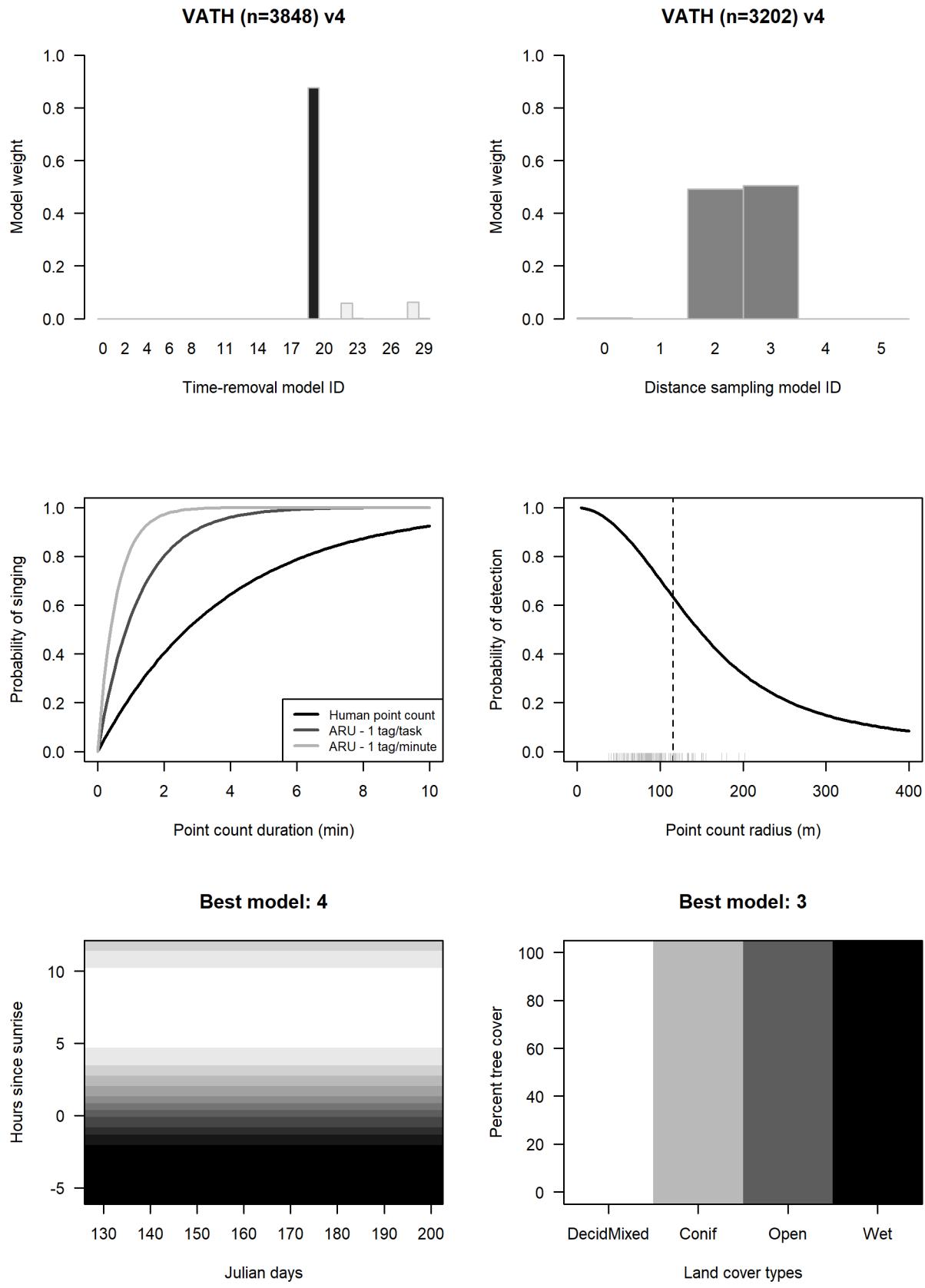


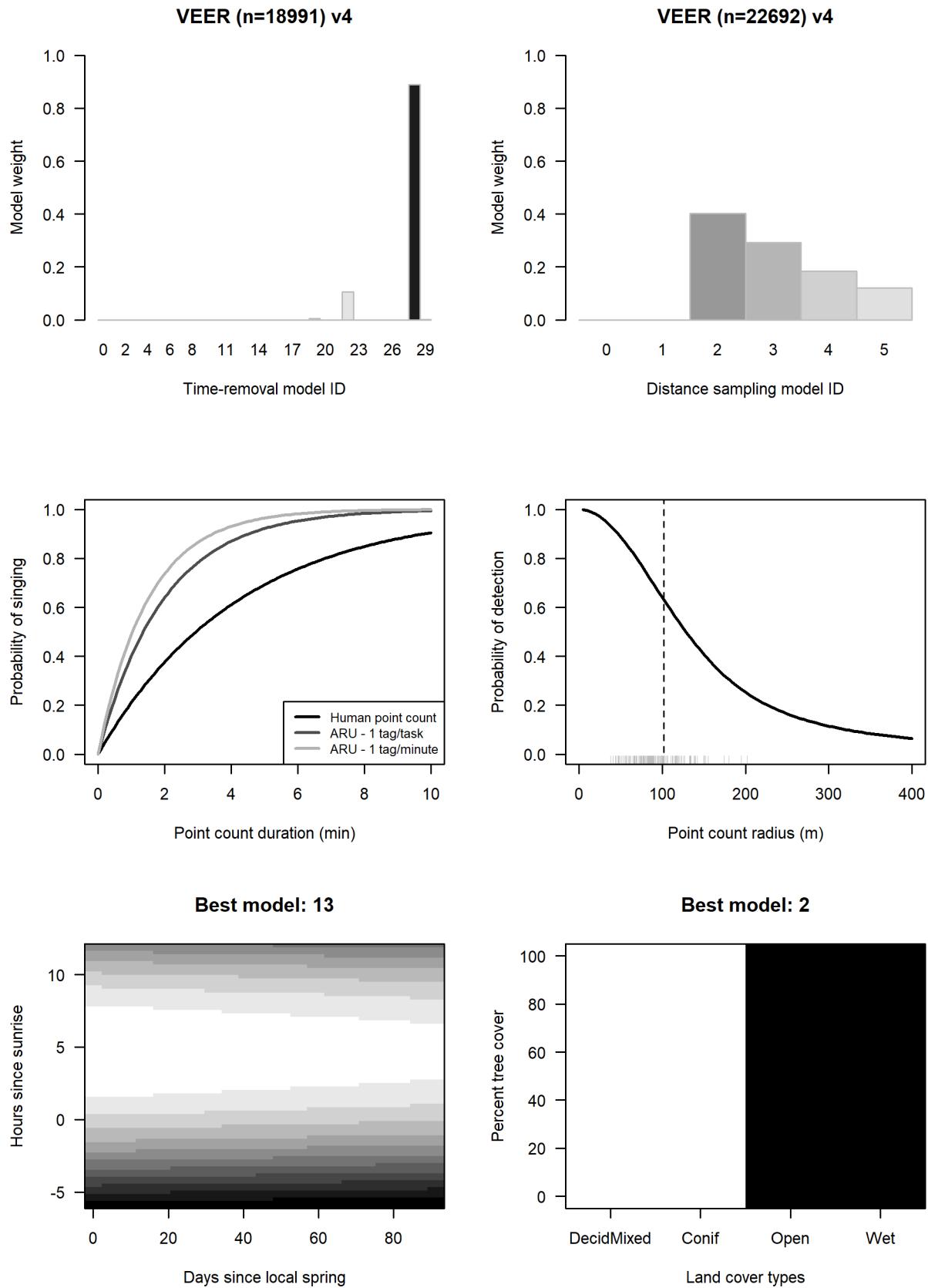


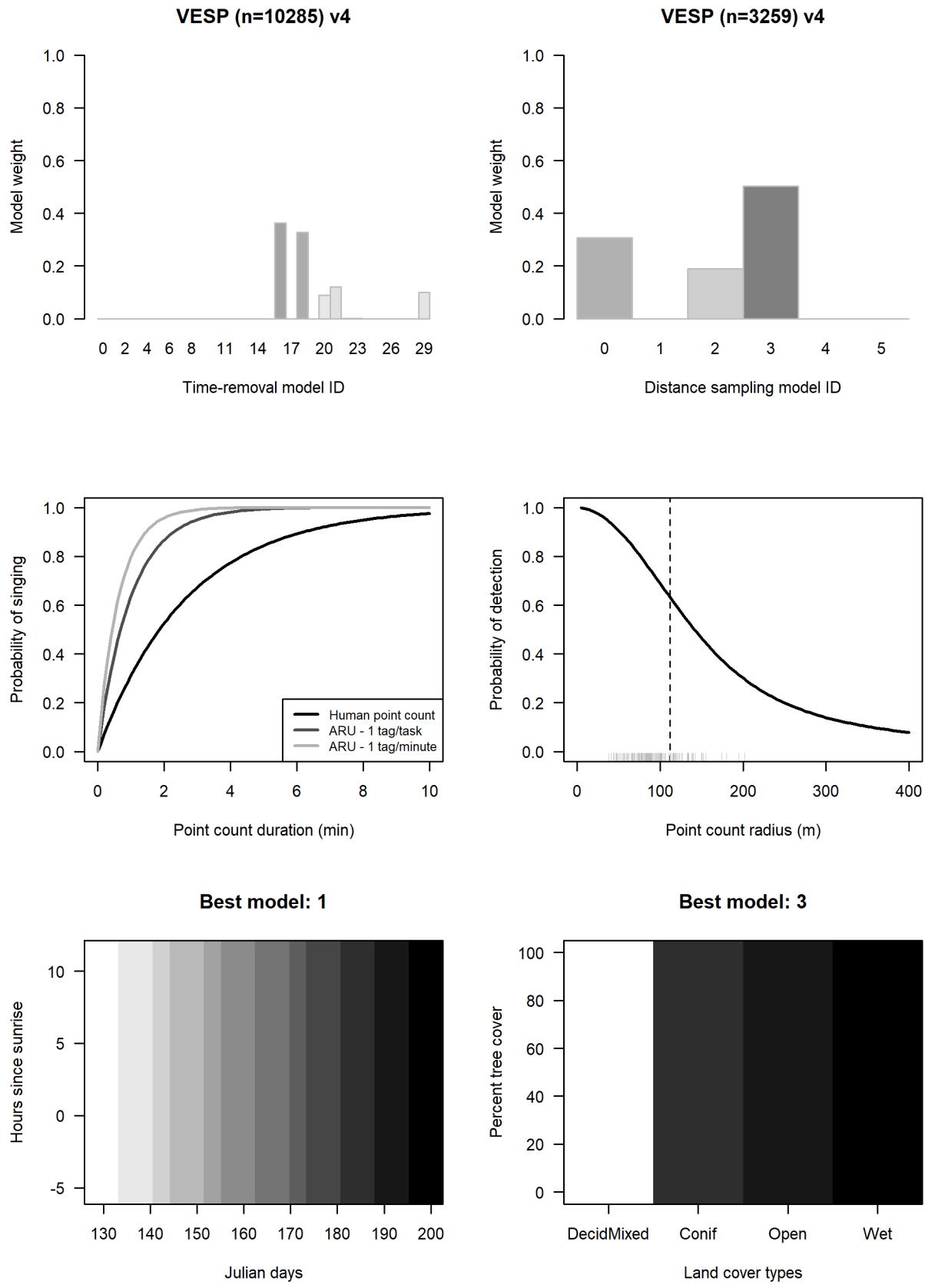


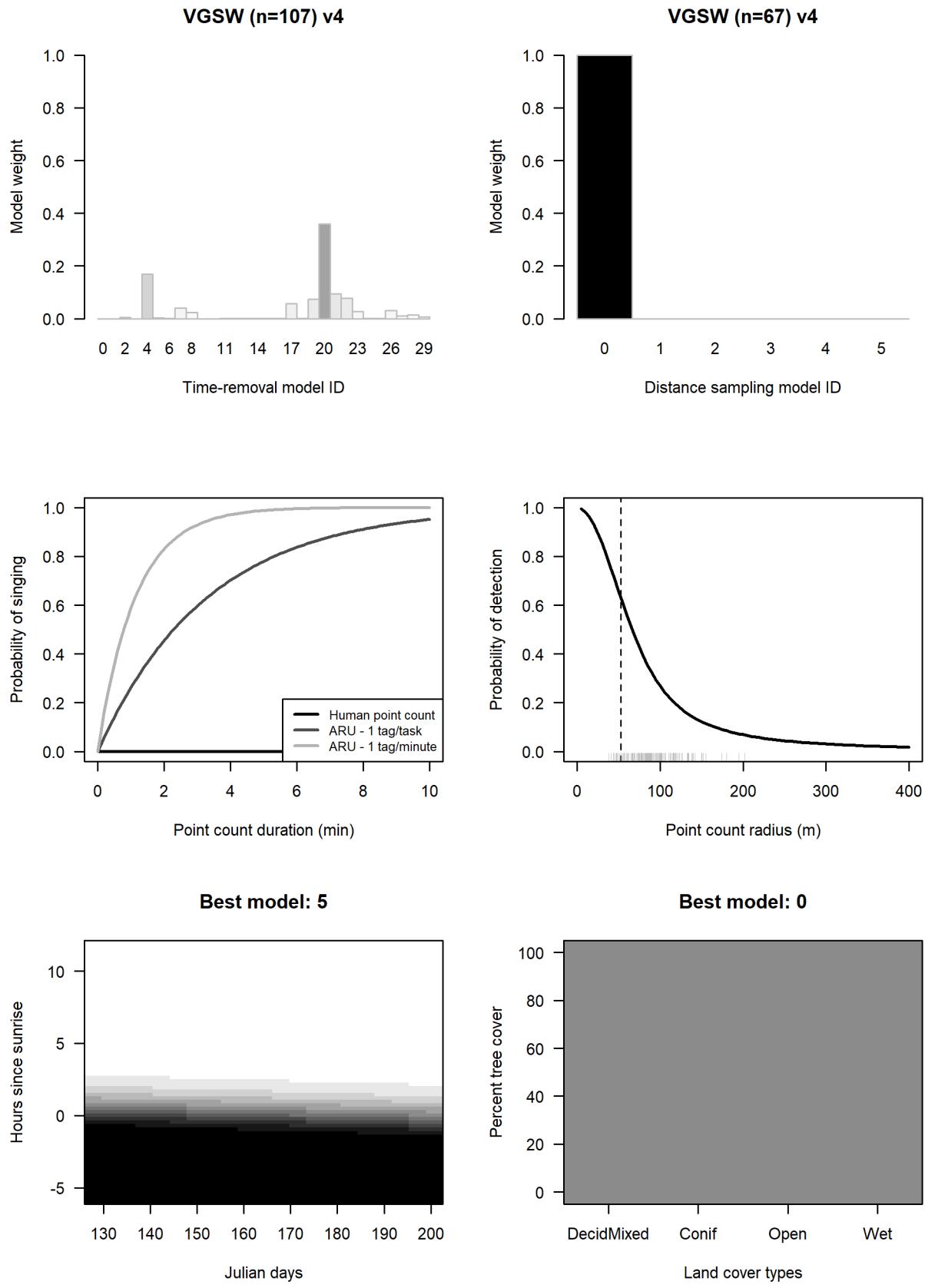


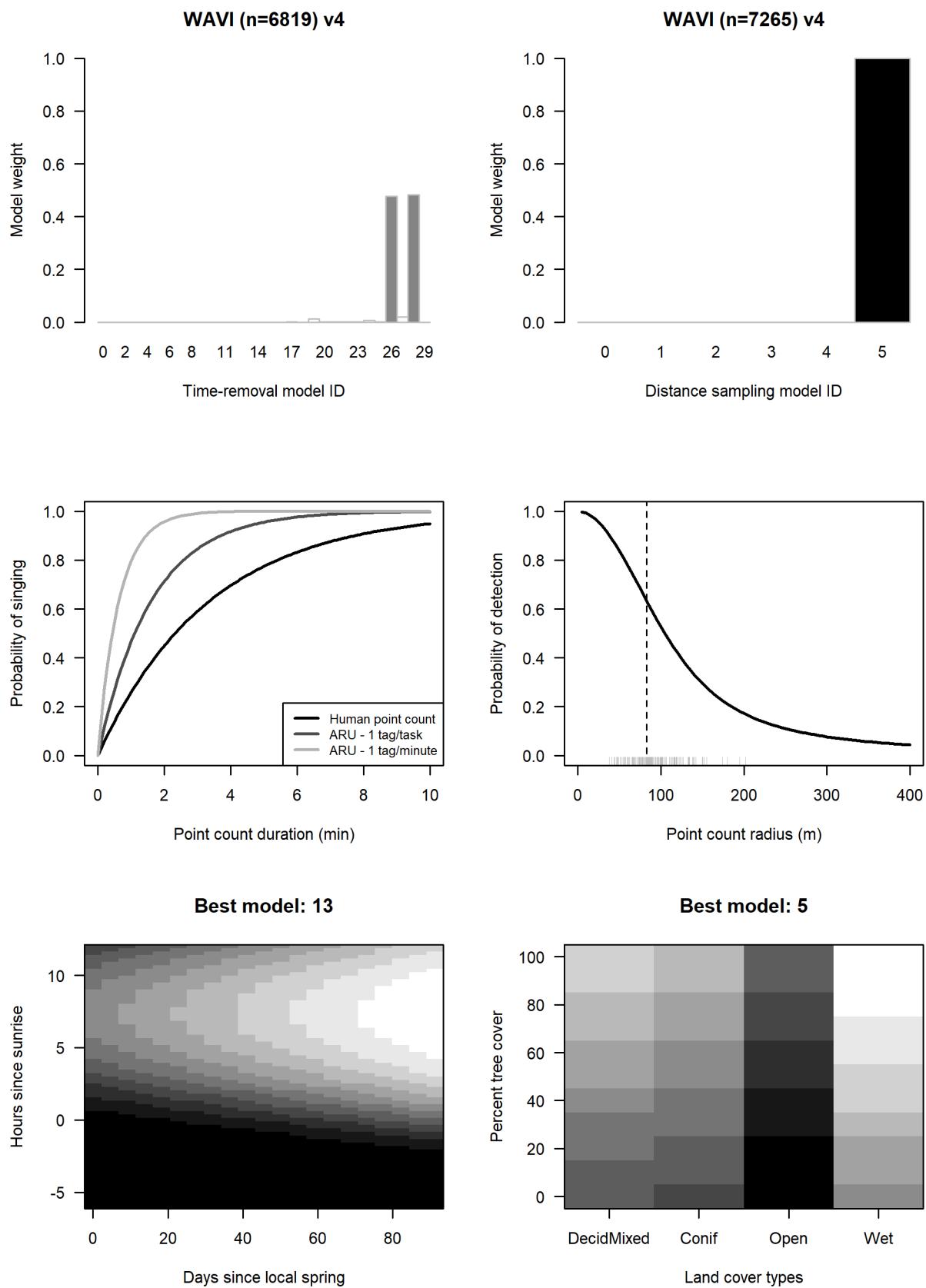


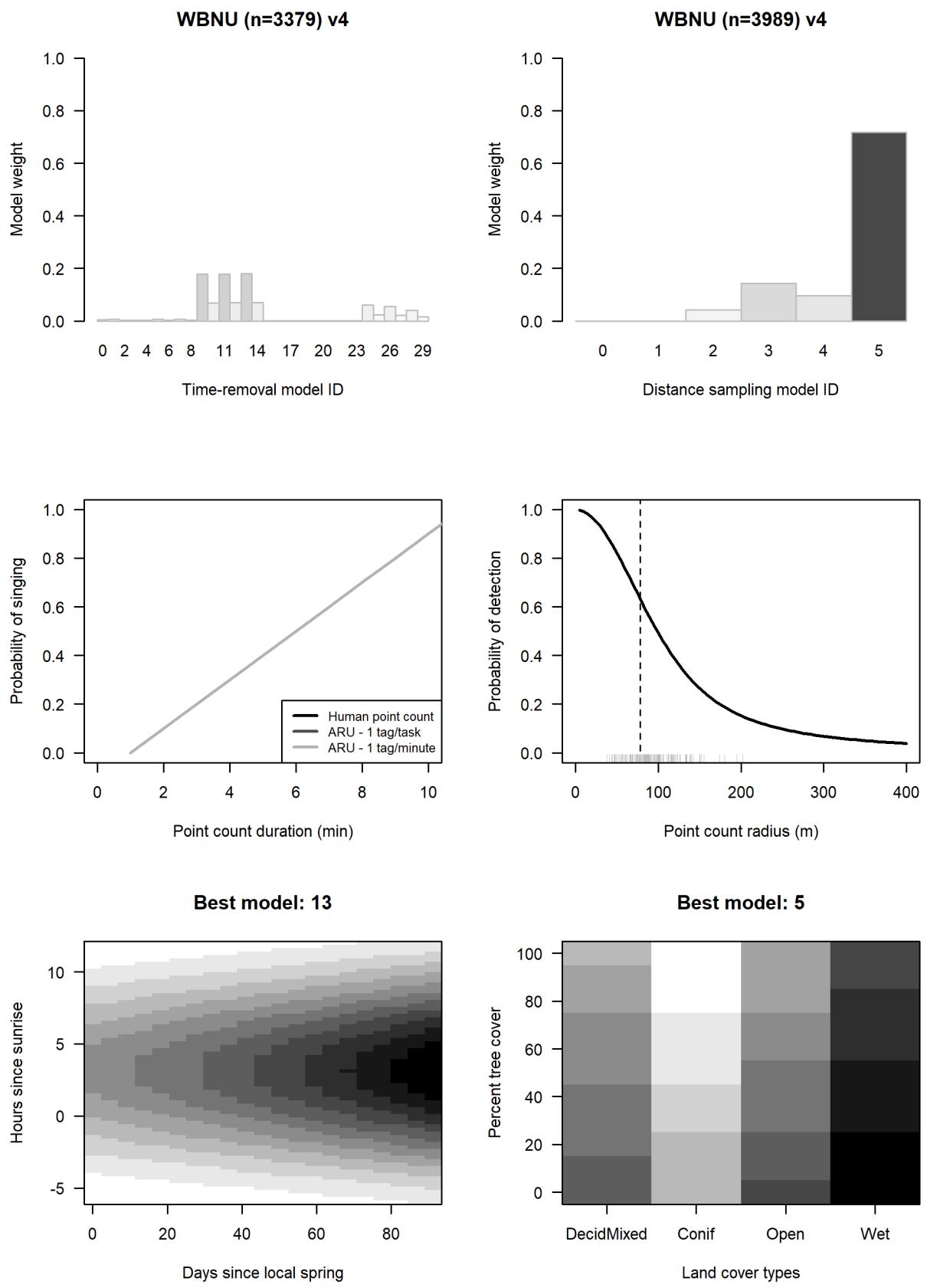


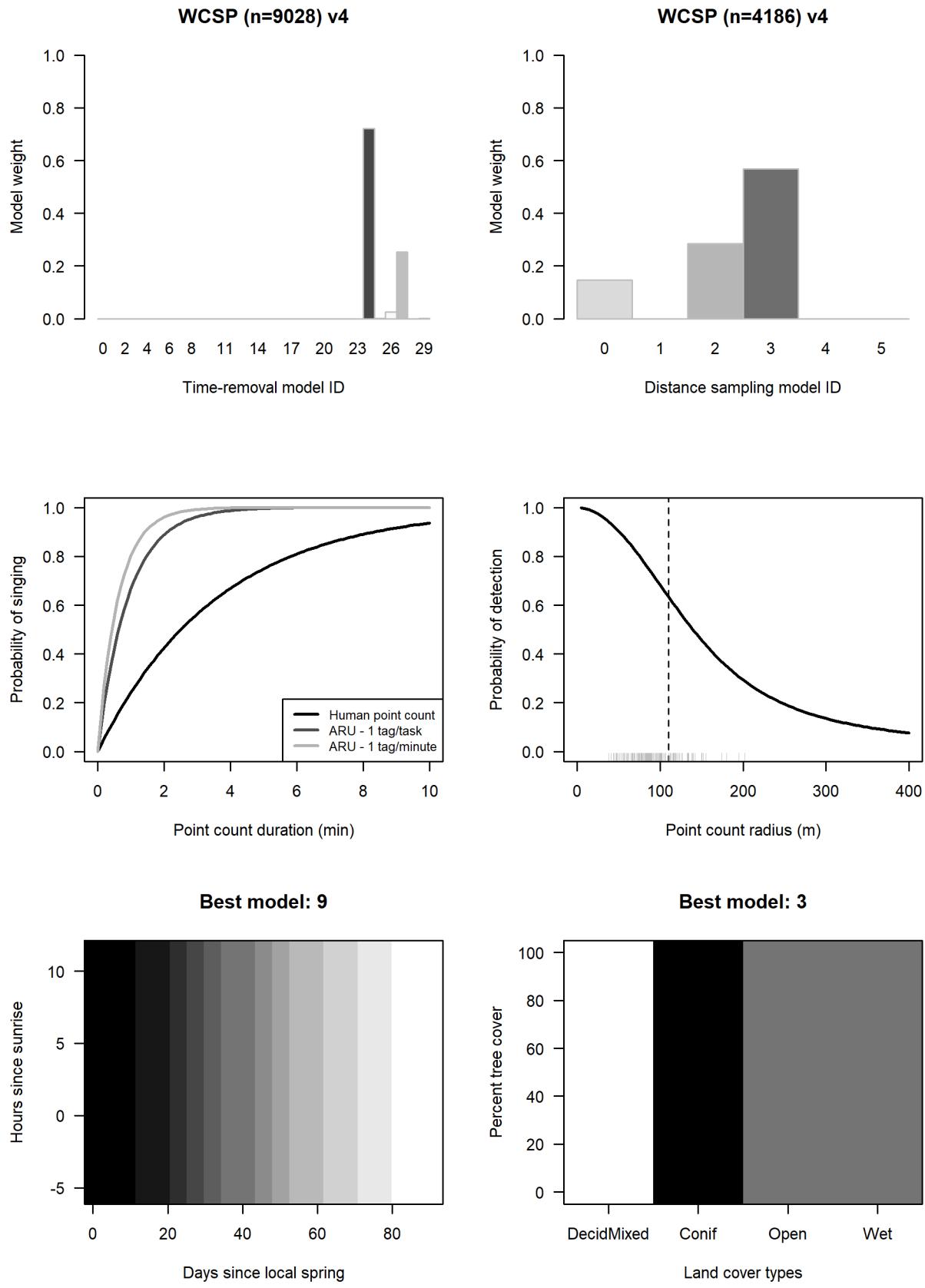


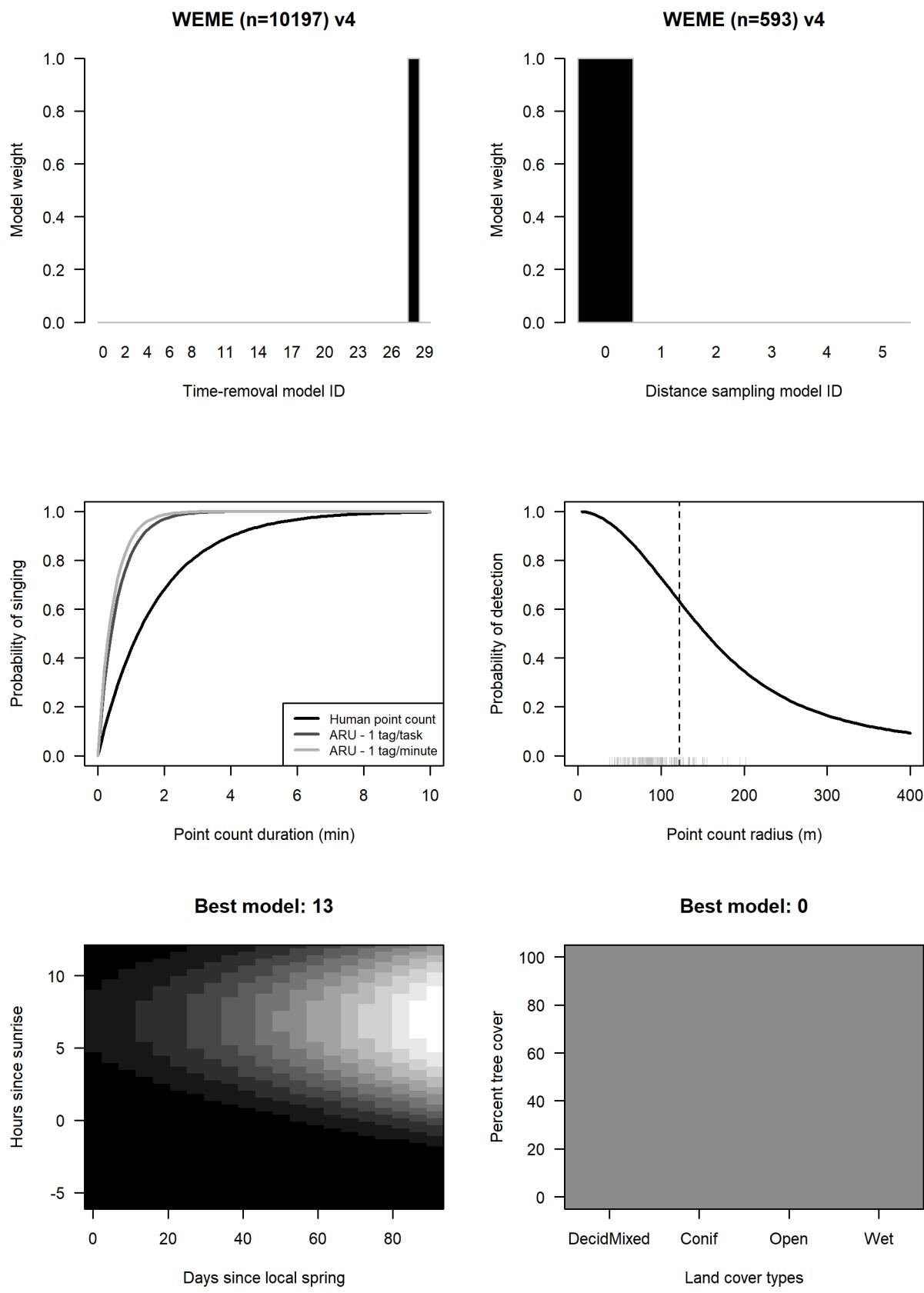




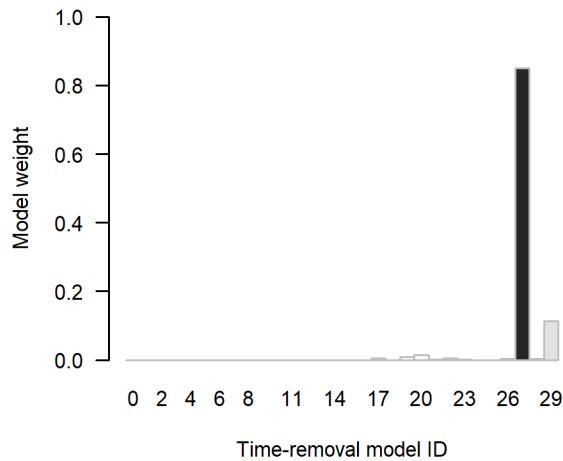




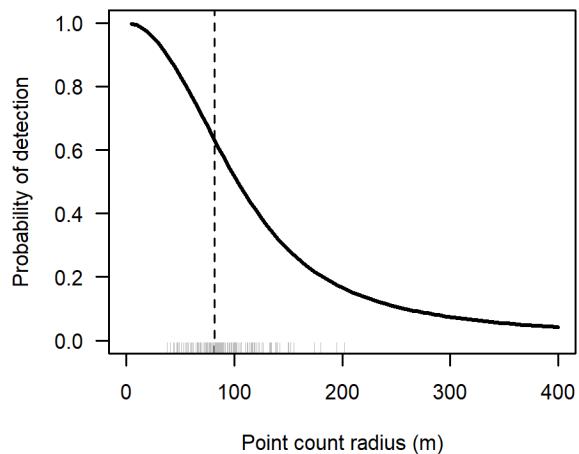
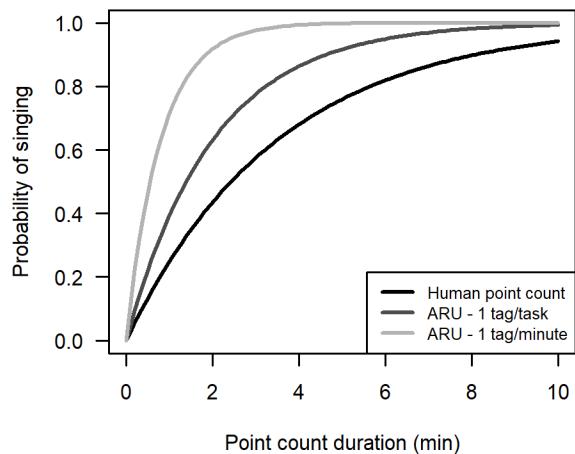
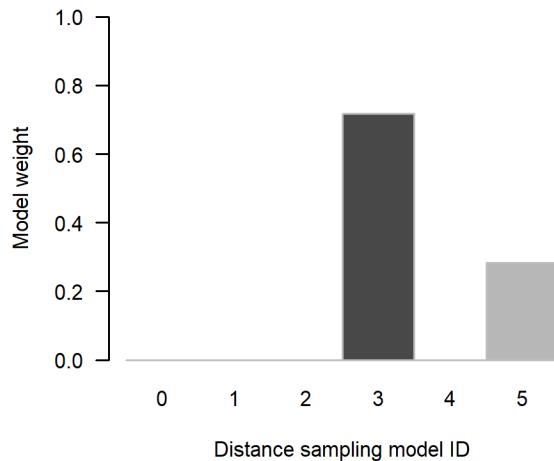




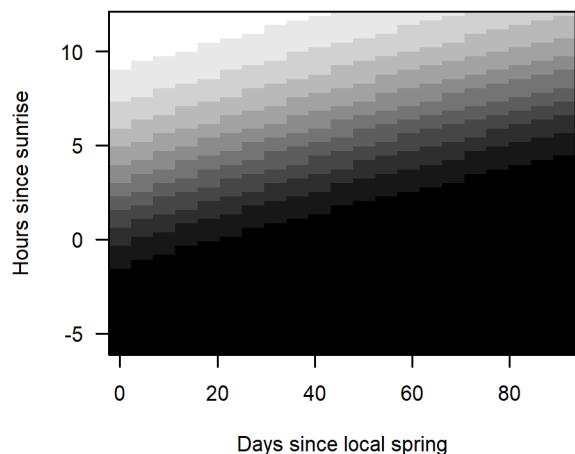
WETA (n=4823) v4



WETA (n=5655) v4



Best model: 12



Best model: 3

