**Table 1**. Comparison of elk abortion timing across models with different smoothing functions for the total hazard of a reproductive event. In all cases, the sub-model of the probability of an abortion relative to a live birth was a logistic regression.

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| --- | --- | --- | --- | --- | --- | --- |
| Model | DIC | pD | 5% | 25% | 75% | 95% |
| 10 knots | 957.9 | 12.4 | 2-Mar | 21-Mar | 9-May | 2-Jun |
| 40 knots | 956.6 | 16.2 | 2-Mar | 21-Mar | 8-May | 2-Jun |
| CAR model | 958.3 | 22.4 | 15-Feb | 18-Mar | 6-May | 1-Jun |

DIC: Deviance information criteria  
 pD: Estimate of model complexity  
 5-95%: Estimated day of the year when % of the abortions have occurred.