**S2 Table 1. Selected models for Lagged Identification Rates for the Sakhalin feeding grounds, including no. of selected model, p-value, estimated number of individuals and mean residence times.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|   | Model selected | P | N | Mean res. time in | Mean res. time out | Mortality |
| Single season | 7 | 0.027 | 92.2 | 72.0 | 41.9 | -- |
| Multiple season | 8 | 0.000 | 91.5 | 64.3 | 32.6 | 0.16x10-3 |