Supplement G – The results of the models with dummy-coded levels of the attitudinal variable ENVBN

Table 2G. Estimation results of the zero inflated negative binomial model of the annual number of recreational trips to the Baltic Sea coast – non-linear effects of the perception of the Baltic Sea environment (ENVBN)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Count regression –** | | | **Non-participation regression –** | | |
| **negative binomial** | | | **probit** | | |
| **coefficient** | | **(s.e)** | **coefficient** | **(s.e)** | |
| *Denmark* | 1.7902\*\*\* | | (0.1106) | -2.7517\*\*\* | (0.4027) | |
| *Estonia* | 0.5772\*\*\* | | (0.1048) | -1.7165\*\*\* | (0.3796) | |
| *Finland* | 1.3327\*\*\* | | (0.1035) | -1.6033\*\*\* | (0.3113) | |
| *Germany* | 1.3545\*\*\* | | (0.1195) | -1.7127\*\*\* | (0.4028) | |
| *Latvia* | 1.5227\*\*\* | | (0.1151) | -1.2267\*\*\* | (0.3379) | |
| *Lithuania* | 1.8398\*\*\* | | (0.1454) | -0.4574 | (0.3110) | |
| *Poland* | 1.4249\*\*\* | | (0.0913) | -1.3074\*\*\* | (0.3446) | |
| *Russia* | 1.1607\*\*\* | | (0.2815) | 2.5982\*\*\* | (0.2856) | |
| *Sweden* | 1.6054\*\*\* | | (0.1230) | -3.0601\*\*\* | (0.3883) | |
| *TCDenmark* | -0.0317\*\*\* | | (0.0008) | - | - | |
| *TCEstonia* | -0.0130\*\*\* | | (0.0010) | - | - | |
| *TCFinland* | -0.0123\*\*\* | | (0.0004) | - | - | |
| *TCGermany* | -0.0129\*\*\* | | (0.0002) | - | - | |
| *TCLatvia* | -0.0347\*\*\* | | (0.0015) | - | - | |
| *TCLithuania* | -0.0188\*\*\* | | (0.0012) | - | - | |
| *TCPoland* | -0.0139\*\*\* | | (0.0005) | - | - | |
| *TCRussia* | -0.0032\*\* | | (0.0013) | - | - | |
| *TCSweden* | -0.0100\*\*\* | | (0.0006) | - | - | |
| *ENVBN = 2* | 0.1147 | | (0.0867) | 0.2017\*\* | (0.1016) | |
| *ENVBN = 3* | 0.2477\*\*\* | | (0.0837) | 0.1234 | (0.0854) | |
| *ENVBN = 4* | 0.2960\*\*\* | | (0.0863) | -0.3244\*\*\* | (0.1138) | |
| *ENVBN = 5* | 0.2736\*\*\* | | (0.1024) | 0.1161 | (0.2286) | |
| *ENVBN = missing* | -0.2551\*\* | | (0.1203) | 0.7586\*\*\* | (0.1742) | |
| *MALE* | 0.0736\*\* | | (0.0310) | 0.2754\*\*\* | (0.0601) | |
| *HINC* | 0.1726\*\*\* | | (0.0336) | - | - | |
| *HINC*2 | -0.0119\*\* | | (0.0058) | - | - | |
| *HHKIDS* | - | | - | -0.2207\*\*\* | (0.0546) | |
| *AGE* | - | | - | -0.5288\*\*\* | (0.1280) | |
| *AGE2* | - | | - | 0.0983\*\*\* | (0.0138) | |
| *EDU*2 | - | | - | -0.6785\*\*\* | (0.1187) | |
| *EDU*3 | - | | - | -0.7626\*\*\* | (0.1182) | |
| *EDU*4 | - | | - | -1.1387\*\*\* | (0.1212) | |
| *BOCC* | 0.3024\*\*\* | | (0.0544) | -0.4785\*\*\* | (0.1195) | |
|  | 2.4718\*\*\* | | (0.0433) |  |  | |
| Log-likelihood | | -33,896.71 | | | |
| (constant only) | |
| Log-likelihood | | -13,444.41 | | | |
| AIC/*n* | | 3.0348 | | | |
| McFadden’s pseudo-R2 | | 0.6034 | | | |
| *n* (observations) | | 8893 | | | |
| *k* (parameters) | | 50 | | | |