

**Príloha č. 1:** Bodové odhady parametrov modelu so všetkými vysvetľujúcimi premennými

| Analysis of Maximum Likelihood Estimates |                     |          |    |         |           |             |        |
|------------------------------------------|---------------------|----------|----|---------|-----------|-------------|--------|
| Parameter                                |                     | AROPE    | DF | Est     | Std Error | Wald Chi-Sq | P-val  |
| Intercept                                |                     | <b>1</b> | 1  | -2.8841 | 0.2414    | 142.6877    | <.0001 |
| Intercept                                |                     | <b>2</b> | 1  | -4.2386 | 0.3651    | 134.7693    | <.0001 |
| Intercept                                |                     | <b>3</b> | 1  | -8.3375 | 0.7862    | 112.4611    | <.0001 |
| EAS                                      | Inactive_person     | <b>1</b> | 1  | 0.8934  | 0.2222    | 16.1656     | <.0001 |
| EAS                                      | Inactive_person     | <b>2</b> | 1  | 0.9271  | 0.2457    | 14.2419     | 0.0002 |
| EAS                                      | Inactive_person     | <b>3</b> | 1  | 2.1809  | 0.3302    | 43.6178     | <.0001 |
| EAS                                      | Retired             | <b>1</b> | 1  | -0.1316 | 0.1773    | 0.5510      | 0.4579 |
| EAS                                      | Retired             | <b>2</b> | 1  | 0.0561  | 0.1866    | 0.0904      | 0.7637 |
| EAS                                      | Retired             | <b>3</b> | 1  | 0.2806  | 0.3194    | 0.7717      | 0.3797 |
| EAS                                      | Unemployed          | <b>1</b> | 1  | 1.9478  | 0.2161    | 81.2566     | <.0001 |
| EAS                                      | Unemployed          | <b>2</b> | 1  | 1.4988  | 0.3071    | 23.8213     | <.0001 |
| EAS                                      | Unemployed          | <b>3</b> | 1  | 4.2090  | 0.2854    | 217.5240    | <.0001 |
| EDUCATION                                | Less_than_Secondary | <b>1</b> | 1  | 1.3076  | 0.2365    | 30.5784     | <.0001 |
| EDUCATION                                | Less_than_Secondary | <b>2</b> | 1  | 1.7817  | 0.3134    | 32.3279     | <.0001 |
| EDUCATION                                | Less_than_Secondary | <b>3</b> | 1  | 3.6110  | 0.5812    | 38.5960     | <.0001 |
| EDUCATION                                | Post_Secondary      | <b>1</b> | 1  | 0.0698  | 0.4388    | 0.0253      | 0.8736 |
| EDUCATION                                | Post_Secondary      | <b>2</b> | 1  | 0.8510  | 0.4987    | 2.9120      | 0.0879 |
| EDUCATION                                | Post_Secondary      | <b>3</b> | 1  | 1.7499  | 0.7994    | 4.7916      | 0.0286 |
| EDUCATION                                | Tertiary_1          | <b>1</b> | 1  | -0.0884 | 0.4611    | 0.0367      | 0.8480 |
| EDUCATION                                | Tertiary_1          | <b>2</b> | 1  | 0.2558  | 0.6514    | 0.1542      | 0.6946 |
| EDUCATION                                | Tertiary_1          | <b>3</b> | 1  | 0.2785  | 1.3491    | 0.0426      | 0.8364 |
| EDUCATION                                | Upper_Secondary     | <b>1</b> | 1  | 0.5165  | 0.1757    | 8.6411      | 0.0033 |
| EDUCATION                                | Upper_Secondary     | <b>2</b> | 1  | 1.2235  | 0.2706    | 20.4378     | <.0001 |
| EDUCATION                                | Upper_Secondary     | <b>3</b> | 1  | 1.6106  | 0.5597    | 8.2790      | 0.0040 |
| HEALTH                                   | Bad                 | <b>1</b> | 1  | 0.4038  | 0.1791    | 5.0839      | 0.0241 |
| HEALTH                                   | Bad                 | <b>2</b> | 1  | 0.9568  | 0.1841    | 27.0006     | <.0001 |
| HEALTH                                   | Bad                 | <b>3</b> | 1  | 0.7614  | 0.2657    | 8.2138      | 0.0042 |
| HEALTH                                   | Fair                | <b>1</b> | 1  | 0.3044  | 0.1391    | 4.7865      | 0.0287 |
| HEALTH                                   | Fair                | <b>2</b> | 1  | 0.4991  | 0.1663    | 9.0048      | 0.0027 |
| HEALTH                                   | Fair                | <b>3</b> | 1  | 0.4542  | 0.2386    | 3.6229      | 0.0570 |

| Analysis of Maximum Likelihood Estimates |                 |       |    |         |           |             |        |
|------------------------------------------|-----------------|-------|----|---------|-----------|-------------|--------|
| Parameter                                |                 | AROPE | DF | Est     | Std Error | Wald Chi-Sq | P-val  |
| HT                                       | 1A_at_least_1Ch | 1     | 1  | 0.0883  | 0.3123    | 0.0800      | 0.7774 |
| HT                                       | 1A_at_least_1Ch | 2     | 1  | 0.5556  | 0.4214    | 1.7388      | 0.1873 |
| HT                                       | 1A_at_least_1Ch | 3     | 1  | 2.1850  | 0.5470    | 15.9571     | <.0001 |
| HT                                       | 1Adult          | 1     | 1  | -0.6834 | 0.2415    | 8.0103      | 0.0047 |
| HT                                       | 1Adult          | 2     | 1  | -0.1556 | 0.3256    | 0.2285      | 0.6326 |
| HT                                       | 1Adult          | 3     | 1  | 0.7979  | 0.4852    | 2.7036      | 0.1001 |
| HT                                       | 2A_1Ch          | 1     | 1  | -0.5847 | 0.2163    | 7.3064      | 0.0069 |
| HT                                       | 2A_1Ch          | 2     | 1  | -0.4398 | 0.3844    | 1.3090      | 0.2526 |
| HT                                       | 2A_1Ch          | 3     | 1  | -0.3473 | 0.5717    | 0.3689      | 0.5436 |
| HT                                       | 2A_1R           | 1     | 1  | -2.2095 | 0.3337    | 43.8286     | <.0001 |
| HT                                       | 2A_1R           | 2     | 1  | 0.1935  | 0.3237    | 0.3574      | 0.5500 |
| HT                                       | 2A_1R           | 3     | 1  | -1.0174 | 0.6371    | 2.5495      | 0.1103 |
| HT                                       | 2A_at_least_3Ch | 1     | 1  | 0.7873  | 0.2291    | 11.8070     | 0.0006 |
| HT                                       | 2A_at_least_3Ch | 2     | 1  | 0.1809  | 0.5262    | 0.1182      | 0.7310 |
| HT                                       | 2A_at_least_3Ch | 3     | 1  | 1.8838  | 0.5241    | 12.9207     | 0.0003 |
| HT                                       | 2Adult_0Ch      | 1     | 1  | -1.2585 | 0.2342    | 28.8798     | <.0001 |
| HT                                       | 2Adult_0Ch      | 2     | 1  | -0.2641 | 0.3273    | 0.6513      | 0.4197 |
| HT                                       | 2Adult_0Ch      | 3     | 1  | -0.2210 | 0.5080    | 0.1892      | 0.6636 |
| HT                                       | Other_0Ch       | 1     | 1  | -1.7599 | 0.2409    | 53.3761     | <.0001 |
| HT                                       | Other_0Ch       | 2     | 1  | 0.0371  | 0.3032    | 0.0150      | 0.9025 |
| HT                                       | Other_0Ch       | 3     | 1  | -0.7714 | 0.5052    | 2.3313      | 0.1268 |
| HT                                       | Other_with_Ch   | 1     | 1  | -0.8443 | 0.1978    | 18.2155     | <.0001 |
| HT                                       | Other_with_Ch   | 2     | 1  | 0.0172  | 0.3152    | 0.0030      | 0.9566 |
| HT                                       | Other_with_Ch   | 3     | 1  | 0.3570  | 0.4489    | 0.6325      | 0.4265 |
| MARITAL_STATUS                           | Divorced        | 1     | 1  | 0.6035  | 0.1850    | 10.6390     | 0.0011 |
| MARITAL_STATUS                           | Divorced        | 2     | 1  | 1.0517  | 0.1893    | 30.8622     | <.0001 |
| MARITAL_STATUS                           | Divorced        | 3     | 1  | 1.4682  | 0.2913    | 25.4022     | <.0001 |
| MARITAL_STATUS                           | Never_married   | 1     | 1  | 0.5223  | 0.1962    | 7.0854      | 0.0078 |
| MARITAL_STATUS                           | Never_married   | 2     | 1  | 1.0198  | 0.2157    | 22.3511     | <.0001 |
| MARITAL_STATUS                           | Never_married   | 3     | 1  | 1.2538  | 0.3076    | 16.6095     | <.0001 |
| MARITAL_STATUS                           | Widowed         | 1     | 1  | -0.7574 | 0.2307    | 10.7771     | 0.0010 |
| MARITAL_STATUS                           | Widowed         | 2     | 1  | 0.2506  | 0.1953    | 1.6458      | 0.1995 |
| MARITAL_STATUS                           | Widowed         | 3     | 1  | -0.4352 | 0.3195    | 1.8557      | 0.1731 |

| Analysis of Maximum Likelihood Estimates |                 |       |    |         |           |             |        |
|------------------------------------------|-----------------|-------|----|---------|-----------|-------------|--------|
| Parameter                                |                 | AROPE | DF | Est     | Std Error | Wald Chi-Sq | P-val  |
| REGION                                   | Banska_Bystrica | 1     | 1  | 0.3848  | 0.2423    | 2.5218      | 0.1123 |
| REGION                                   | Banska_Bystrica | 2     | 1  | -0.9531 | 0.2770    | 11.8372     | 0.0006 |
| REGION                                   | Banska_Bystrica | 3     | 1  | 0.7519  | 0.5112    | 2.1638      | 0.1413 |
| REGION                                   | Kosice          | 1     | 1  | 0.0128  | 0.2398    | 0.0029      | 0.9573 |
| REGION                                   | Kosice          | 2     | 1  | -0.2222 | 0.2160    | 1.0584      | 0.3036 |
| REGION                                   | Kosice          | 3     | 1  | 1.3800  | 0.4757    | 8.4173      | 0.0037 |
| REGION                                   | Nitra           | 1     | 1  | 0.2494  | 0.2427    | 1.0562      | 0.3041 |
| REGION                                   | Nitra           | 2     | 1  | -1.1144 | 0.2935    | 14.4164     | 0.0001 |
| REGION                                   | Nitra           | 3     | 1  | 0.9082  | 0.5056    | 3.2267      | 0.0724 |
| REGION                                   | Presov          | 1     | 1  | 0.5387  | 0.2363    | 5.1951      | 0.0227 |
| REGION                                   | Presov          | 2     | 1  | -0.5666 | 0.2487    | 5.1908      | 0.0227 |
| REGION                                   | Presov          | 3     | 1  | 1.1003  | 0.5021    | 4.8022      | 0.0284 |
| REGION                                   | Trencin         | 1     | 1  | 0.0506  | 0.2584    | 0.0384      | 0.8447 |
| REGION                                   | Trencin         | 2     | 1  | -0.1087 | 0.2247    | 0.2338      | 0.6288 |
| REGION                                   | Trencin         | 3     | 1  | 0.6421  | 0.5322    | 1.4555      | 0.2277 |
| REGION                                   | Trnava          | 1     | 1  | 0.1041  | 0.2595    | 0.1609      | 0.6883 |
| REGION                                   | Trnava          | 2     | 1  | -0.8751 | 0.2772    | 9.9642      | 0.0016 |
| REGION                                   | Trnava          | 3     | 1  | 0.6957  | 0.5297    | 1.7252      | 0.1890 |
| REGION                                   | Zilina          | 1     | 1  | 0.3144  | 0.2368    | 1.7620      | 0.1844 |
| REGION                                   | Zilina          | 2     | 1  | -0.4944 | 0.2353    | 4.4136      | 0.0357 |
| REGION                                   | Zilina          | 3     | 1  | 0.5808  | 0.5171    | 1.2612      | 0.2614 |
| URBANISATION                             | Intermediate    | 1     | 1  | -0.0534 | 0.1732    | 0.0949      | 0.7581 |
| URBANISATION                             | Intermediate    | 2     | 1  | -0.0571 | 0.1733    | 0.1085      | 0.7418 |
| URBANISATION                             | Intermediate    | 3     | 1  | 0.0921  | 0.3151    | 0.0855      | 0.7700 |
| URBANISATION                             | Sparse          | 1     | 1  | 0.4157  | 0.1670    | 6.1985      | 0.0128 |
| URBANISATION                             | Sparse          | 2     | 1  | -0.1879 | 0.1815    | 1.0719      | 0.3005 |
| URBANISATION                             | Sparse          | 3     | 1  | 0.5813  | 0.3052    | 3.6290      | 0.0568 |