Models for Win

|  | merit | merit+memory | merit+memory+demo | full-inst\_cap | full | full, scoreXsex | full, scoreXdomain | full, hirshXsex |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Score | 0.233\*\*\* | 0.228\*\*\* | 0.233\*\*\* | 0.225\*\*\* | 0.232\*\*\* | 0.226\*\*\* | 0.329\*\*\* | 0.232\*\*\* |
|  | 0.011 (<0.001) | 0.011 (<0.001) | 0.011 (<0.001) | 0.011 (<0.001) | 0.012 (<0.001) | 0.015 (<0.001) | 0.026 (<0.001) | 0.012 (<0.001) |
| Hirsh | 0.073\*\*\* | 0.053\*\*\* | 0.034\* | 0.039\* | 0.019 | 0.019 | 0.022 | 0.009 |
|  | 0.015 (<0.001) | 0.015 (<0.001) | 0.016 (0.031) | 0.016 (0.014) | 0.017 (0.264) | 0.017 (0.246) | 0.017 (0.193) | 0.018 (0.615) |
| rintsYes | 0.172+ | 0.099 | 0.136 | 0.159 | 0.124 | 0.124 | 0.121 | 0.128 |
|  | 0.104 (0.098) | 0.106 (0.347) | 0.108 (0.211) | 0.110 (0.147) | 0.112 (0.270) | 0.112 (0.271) | 0.113 (0.285) | 0.112 (0.255) |
| scopusYes | 0.019 | 0.000 | 0.066 | 0.086 | 0.106 | 0.106 | 0.100 | 0.094 |
|  | 0.097 (0.842) | 0.097 (0.998) | 0.102 (0.516) | 0.103 (0.404) | 0.105 (0.314) | 0.105 (0.315) | 0.106 (0.345) | 0.105 (0.372) |
| fakeYes | -0.183+ | -0.222\* | -0.043 | -0.030 | -0.030 | -0.028 | 0.004 | -0.029 |
|  | 0.098 (0.062) | 0.100 (0.026) | 0.107 (0.688) | 0.108 (0.780) | 0.110 (0.787) | 0.110 (0.796) | 0.111 (0.971) | 0.110 (0.792) |
| Win 2014yes |  | 0.508\*\*\* | 0.520\*\*\* | 0.578\*\*\* | 0.537\*\*\* | 0.537\*\*\* | 0.527\*\*\* | 0.538\*\*\* |
|  |  | 0.095 (<0.001) | 0.099 (<0.001) | 0.101 (<0.001) | 0.103 (<0.001) | 0.103 (<0.001) | 0.104 (<0.001) | 0.103 (<0.001) |
| degreeDoctor |  | 0.474\*\*\* | 0.388\*\*\* | 0.396\*\*\* | 0.379\*\*\* | 0.378\*\*\* | 0.376\*\*\* | 0.375\*\*\* |
|  |  | 0.083 (<0.001) | 0.086 (<0.001) | 0.087 (<0.001) | 0.088 (<0.001) | 0.088 (<0.001) | 0.089 (<0.001) | 0.088 (<0.001) |
| degreePhD |  | 0.065 | -0.041 | -0.033 | -0.100 | -0.100 | -0.101 | -0.101 |
|  |  | 0.129 (0.616) | 0.133 (0.759) | 0.133 (0.803) | 0.137 (0.463) | 0.137 (0.463) | 0.137 (0.458) | 0.137 (0.461) |
| domainAgriculture |  |  | -0.437\*\* | -0.457\*\* | -0.548\*\*\* | -0.546\*\*\* | 2.861\* | -0.566\*\*\* |
|  |  |  | 0.155 (0.005) | 0.156 (0.003) | 0.161 (<0.001) | 0.160 (<0.001) | 1.204 (0.017) | 0.161 (<0.001) |
| domainScience |  |  | 0.078 | 0.065 | 0.006 | 0.007 | 2.956\*\* | -0.010 |
|  |  |  | 0.148 (0.596) | 0.149 (0.663) | 0.152 (0.968) | 0.152 (0.961) | 1.034 (0.004) | 0.152 (0.948) |
| domainLife |  |  | 0.946\*\*\* | 0.933\*\*\* | 1.034\*\*\* | 1.036\*\*\* | 4.176\*\*\* | 1.023\*\*\* |
|  |  |  | 0.134 (<0.001) | 0.137 (<0.001) | 0.141 (<0.001) | 0.141 (<0.001) | 0.942 (<0.001) | 0.141 (<0.001) |
| domainSecurity |  |  | 0.213 | 0.218 | 0.118 | 0.118 | 6.869\*\*\* | 0.094 |
|  |  |  | 0.268 (0.427) | 0.269 (0.419) | 0.284 (0.677) | 0.284 (0.676) | 1.551 (<0.001) | 0.285 (0.742) |
| domainNatural Rm |  |  | 0.493\*\*\* | 0.498\*\*\* | 0.503\*\*\* | 0.504\*\*\* | 3.968\*\*\* | 0.480\*\*\* |
|  |  |  | 0.116 (<0.001) | 0.118 (<0.001) | 0.120 (<0.001) | 0.120 (<0.001) | 0.895 (<0.001) | 0.121 (<0.001) |
| domainEnergy |  |  | 0.077 | 0.104 | 0.070 | 0.068 | 2.044 | 0.048 |
|  |  |  | 0.173 (0.655) | 0.174 (0.550) | 0.178 (0.696) | 0.178 (0.701) | 1.321 (0.122) | 0.179 (0.787) |
| sexFemale |  |  | -0.208\* | -0.215\* | -0.197\* | -0.543 | -0.205\* | -0.267\*\* |
|  |  |  | 0.084 (0.013) | 0.085 (0.011) | 0.086 (0.022) | 0.584 (0.353) | 0.087 (0.018) | 0.097 (0.006) |
| regionАстана |  |  | -0.142 | -0.093 | -0.204+ | -0.203+ | -0.211\* | -0.200+ |
|  |  |  | 0.100 (0.157) | 0.103 (0.368) | 0.107 (0.057) | 0.107 (0.058) | 0.107 (0.049) | 0.107 (0.061) |
| regionШымкент |  |  | -0.461\* | -0.387+ | -0.345 | -0.344 | -0.318 | -0.349 |
|  |  |  | 0.196 (0.019) | 0.218 (0.077) | 0.221 (0.119) | 0.221 (0.120) | 0.222 (0.153) | 0.221 (0.114) |
| regionOther |  |  | -0.362\*\*\* | -0.335\*\* | -0.312\* | -0.312\* | -0.315\* | -0.318\* |
|  |  |  | 0.108 (<0.001) | 0.129 (0.010) | 0.133 (0.019) | 0.133 (0.019) | 0.133 (0.018) | 0.133 (0.016) |
| Org prestigeNational |  |  |  | 0.022 | -0.319\* | -0.319\* | -0.304\* | -0.331\* |
|  |  |  |  | 0.136 (0.874) | 0.151 (0.035) | 0.151 (0.035) | 0.152 (0.045) | 0.152 (0.029) |
| Org prestigeInternational |  |  |  | 0.360 | 0.317 | 0.318 | 0.291 | 0.312 |
|  |  |  |  | 0.381 (0.345) | 0.389 (0.415) | 0.388 (0.413) | 0.394 (0.461) | 0.389 (0.422) |
| Org prestigeOther |  |  |  | 0.159 | 0.053 | 0.053 | 0.058 | 0.047 |
|  |  |  |  | 0.121 (0.190) | 0.126 (0.675) | 0.126 (0.672) | 0.126 (0.648) | 0.126 (0.710) |
| Pr Ranksecond |  |  |  | -0.672\*\*\* | -0.720\*\*\* | -0.722\*\*\* | -0.713\*\*\* | -0.726\*\*\* |
|  |  |  |  | 0.141 (<0.001) | 0.145 (<0.001) | 0.145 (<0.001) | 0.144 (<0.001) | 0.145 (<0.001) |
| Pr Rankbest |  |  |  | -0.078 | -0.091 | -0.089 | -0.080 | -0.096 |
|  |  |  |  | 0.110 (0.477) | 0.112 (0.415) | 0.112 (0.425) | 0.112 (0.473) | 0.112 (0.391) |
| Pr Ranktie |  |  |  | 0.238 | 0.238 | 0.244 | 0.151 | 0.238 |
|  |  |  |  | 0.441 (0.590) | 0.442 (0.590) | 0.441 (0.579) | 0.444 (0.734) | 0.441 (0.590) |
| Inst capWorks with |  |  |  |  | 0.571\*\*\* | 0.570\*\*\* | 0.560\*\*\* | 0.573\*\*\* |
|  |  |  |  |  | 0.100 (<0.001) | 0.100 (<0.001) | 0.100 (<0.001) | 0.100 (<0.001) |
| Inst capMember |  |  |  |  | 3.086\*\*\* | 3.085\*\*\* | 3.079\*\*\* | 3.091\*\*\* |
|  |  |  |  |  | 0.336 (<0.001) | 0.337 (<0.001) | 0.342 (<0.001) | 0.336 (<0.001) |
| Inst Cap(Missing) |  |  |  |  | 0.261 | 0.265 | 0.222 | 0.267 |
|  |  |  |  |  | 0.404 (0.518) | 0.404 (0.512) | 0.411 (0.590) | 0.404 (0.509) |
| score:sexFemale |  |  |  |  |  | 0.013 |  |  |
|  |  |  |  |  |  | 0.022 (0.549) |  |  |
| score:domainAgriculture |  |  |  |  |  |  | -0.129\*\* |  |
|  |  |  |  |  |  |  | 0.045 (0.004) |  |
| score:domainScience |  |  |  |  |  |  | -0.111\*\* |  |
|  |  |  |  |  |  |  | 0.038 (0.004) |  |
| score:domainLife |  |  |  |  |  |  | -0.120\*\*\* |  |
|  |  |  |  |  |  |  | 0.036 (<0.001) |  |
| score:domainSecurity |  |  |  |  |  |  | -0.261\*\*\* |  |
|  |  |  |  |  |  |  | 0.061 (<0.001) |  |
| score:domainNatural Rm |  |  |  |  |  |  | -0.132\*\*\* |  |
|  |  |  |  |  |  |  | 0.034 (<0.001) |  |
| score:domainEnergy |  |  |  |  |  |  | -0.075 |  |
|  |  |  |  |  |  |  | 0.049 (0.125) |  |
| hirsh:sexFemale |  |  |  |  |  |  |  | 0.059 |
|  |  |  |  |  |  |  |  | 0.038 (0.120) |
| Num.Obs. | 4496 | 4496 | 4496 | 4496 | 4496 | 4496 | 4496 | 4496 |
| AIC | 4231.9 | 4169.7 | 4065.7 | 4049.1 | 3931.8 | 3933.4 | 3915.2 | 3931.3 |
| BIC | 4270.4 | 4227.4 | 4187.5 | 4209.4 | 4111.3 | 4119.3 | 4133.2 | 4117.2 |
| Log.Lik. | -2109.964 | -2075.829 | -2013.858 | -1999.568 | -1937.878 | -1937.698 | -1923.617 | -1936.659 |
| RMSE | 0.39 | 0.39 | 0.38 | 0.38 | 0.38 | 0.38 | 0.37 | 0.38 |