|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| (Intercept) | -10.530\*\*\* | -10.703\*\*\* | -10.681\*\*\* | -10.709\*\*\* | -10.907\*\*\* | -10.910\*\*\* | -10.961\*\*\* | -10.905\*\*\* | -10.864\*\*\* | -10.946\*\*\* | -10.905\*\*\* | -10.909\*\*\* | -10.962\*\*\* |
|  | (0.113) | (0.102) | (0.113) | (0.100) | (0.080) | (0.093) | (0.076) | (0.085) | (0.104) | (0.082) | (0.085) | (0.093) | (0.076) |
| var\_df.cnnctvt |  | 0.605\*\*\* |  |  | 0.203\* |  |  | 0.204\* |  |  | 0.204\* |  |  |
|  |  | (0.103) |  |  | (0.098) |  |  | (0.099) |  |  | (0.099) |  |  |
| var\_df.b\_net\_dens |  |  | 0.009 |  |  | -0.053 |  |  | -0.039 |  |  | -0.043 |  |
|  |  |  | (0.191) |  |  | (0.163) |  |  | (0.175) |  |  | (0.167) |  |
| var\_df.b\_gamma |  |  | -0.202 |  |  | -0.145 |  |  | -0.001 |  |  | -0.163 |  |
|  |  |  | (0.520) |  |  | (0.407) |  |  | (0.429) |  |  | (0.412) |  |
| var\_df.b\_cover |  |  | -0.376 |  |  | -0.047 |  |  | -0.249 |  |  | -0.030 |  |
|  |  |  | (0.485) |  |  | (0.397) |  |  | (0.416) |  |  | (0.402) |  |
| var\_df.b\_int\_dens |  |  | 0.664\*\*\* |  |  | 0.158 |  |  | 0.201 |  |  | 0.143 |  |
|  |  |  | (0.174) |  |  | (0.168) |  |  | (0.202) |  |  | (0.183) |  |
| var\_df.b\_complex |  |  | 0.099 |  |  | 0.028 |  |  | 0.085 |  |  | 0.032 |  |
|  |  |  | (0.203) |  |  | (0.167) |  |  | (0.175) |  |  | (0.167) |  |
| var\_df.ls\_net\_den |  |  |  | -0.320 |  |  | -0.422+ |  |  | -0.502\* |  |  | -0.460+ |
|  |  |  |  | (0.301) |  |  | (0.240) |  |  | (0.238) |  |  | (0.242) |
| var\_df.ls\_gamma |  |  |  | -0.307 |  |  | 0.030 |  |  | 0.152 |  |  | 0.093 |
|  |  |  |  | (0.414) |  |  | (0.302) |  |  | (0.328) |  |  | (0.309) |
| var\_df.ls\_cover |  |  |  | -0.455\* |  |  | -0.375\* |  |  | -0.295+ |  |  | -0.354\* |
|  |  |  |  | (0.190) |  |  | (0.157) |  |  | (0.160) |  |  | (0.157) |
| var\_df.ls\_int\_den |  |  |  | 0.820\*\* |  |  | 0.359 |  |  | 0.377+ |  |  | 0.394+ |
|  |  |  |  | (0.284) |  |  | (0.231) |  |  | (0.226) |  |  | (0.232) |
| var\_df.ls\_complex |  |  |  | 0.385 |  |  | 0.258 |  |  | 0.139 |  |  | 0.196 |
|  |  |  |  | (0.337) |  |  | (0.240) |  |  | (0.262) |  |  | (0.250) |
| are\_km2 |  |  |  |  | -0.227\* | -0.278+ | -0.321\*\* | -0.227\* | -0.307+ | -0.295\* | -0.227\* | -0.277+ | -0.316\*\* |
|  |  |  |  |  | (0.112) | (0.161) | (0.120) | (0.112) | (0.164) | (0.118) | (0.112) | (0.161) | (0.120) |
| slope |  |  |  |  | 0.116 | 0.013 | 0.215 | 0.118 | 0.035 | 0.057 | 0.118 | 0.003 | 0.193 |
|  |  |  |  |  | (0.124) | (0.165) | (0.133) | (0.130) | (0.173) | (0.145) | (0.130) | (0.171) | (0.135) |
| pp\_dn\_2 |  |  |  |  | 0.097 | 0.092 | 0.174 | 0.097 | 0.109 | 0.238\* | 0.097 | 0.095 | 0.175 |
|  |  |  |  |  | (0.109) | (0.149) | (0.113) | (0.112) | (0.154) | (0.121) | (0.112) | (0.150) | (0.113) |
| phisp |  |  |  |  | 0.573\*\*\* | 0.558\*\*\* | 0.638\*\*\* | 0.575\*\*\* | 0.548\*\*\* | 0.647\*\*\* | 0.575\*\*\* | 0.564\*\*\* | 0.615\*\*\* |
|  |  |  |  |  | (0.121) | (0.138) | (0.114) | (0.126) | (0.146) | (0.119) | (0.126) | (0.142) | (0.117) |
| incm\_md |  |  |  |  | -0.342\*\* | -0.424\*\* | -0.332\*\* | -0.341\*\* | -0.387\*\* | -0.286\*\* | -0.341\*\* | -0.425\*\* | -0.338\*\* |
|  |  |  |  |  | (0.112) | (0.135) | (0.109) | (0.115) | (0.139) | (0.108) | (0.115) | (0.136) | (0.109) |
| unmplyd |  |  |  |  | -0.203\* | -0.204\* | -0.205\* | -0.203\* | -0.181+ | -0.193\* | -0.203\* | -0.208\* | -0.201\* |
|  |  |  |  |  | (0.086) | (0.102) | (0.082) | (0.086) | (0.103) | (0.080) | (0.086) | (0.102) | (0.082) |
| fem\_prc |  |  |  |  | 0.015 | 0.076 | 0.034 | 0.016 | 0.060 | 0.040 | 0.016 | 0.073 | 0.020 |
|  |  |  |  |  | (0.085) | (0.102) | (0.081) | (0.086) | (0.104) | (0.083) | (0.086) | (0.103) | (0.082) |
| vtrns\_p |  |  |  |  | 0.031 | 0.086 | 0.055 | 0.031 | 0.033 | 0.019 | 0.031 | 0.087 | 0.049 |
|  |  |  |  |  | (0.086) | (0.097) | (0.082) | (0.087) | (0.102) | (0.079) | (0.087) | (0.097) | (0.082) |
| wht\_prc |  |  |  |  | 0.267\* | 0.295\* | 0.320\*\* | 0.267\* | 0.312\* | 0.431\*\*\* | 0.267\* | 0.293\* | 0.331\*\* |
|  |  |  |  |  | (0.106) | (0.127) | (0.102) | (0.107) | (0.129) | (0.103) | (0.107) | (0.127) | (0.102) |
| var\_df.cnnctvt × phisp |  |  |  |  |  |  |  | -0.005 |  |  | -0.005 |  |  |
|  |  |  |  |  |  |  |  | (0.093) |  |  | (0.093) |  |  |
| var\_df.b\_net\_dens × phisp |  |  |  |  |  |  |  |  | 0.104 |  |  |  |  |
|  |  |  |  |  |  |  |  |  | (0.199) |  |  |  |  |
| var\_df.b\_gamma × phisp |  |  |  |  |  |  |  |  | 0.277 |  |  | 0.037 |  |
|  |  |  |  |  |  |  |  |  | (0.653) |  |  | (0.169) |  |
| var\_df.b\_cover × phisp |  |  |  |  |  |  |  |  | -0.713 |  |  |  |  |
|  |  |  |  |  |  |  |  |  | (0.572) |  |  |  |  |
| var\_df.b\_int\_dens × phisp |  |  |  |  |  |  |  |  | 0.037 |  |  |  |  |
|  |  |  |  |  |  |  |  |  | (0.167) |  |  |  |  |
| var\_df.b\_complex × phisp |  |  |  |  |  |  |  |  | 0.297 |  |  |  |  |
|  |  |  |  |  |  |  |  |  | (0.287) |  |  |  |  |
| var\_df.ls\_net\_den × phisp |  |  |  |  |  |  |  |  |  | -0.064 |  |  |  |
|  |  |  |  |  |  |  |  |  |  | (0.263) |  |  |  |
| var\_df.ls\_gamma × phisp |  |  |  |  |  |  |  |  |  | 0.329 |  |  |  |
|  |  |  |  |  |  |  |  |  |  | (0.279) |  |  |  |
| var\_df.ls\_cover × phisp |  |  |  |  |  |  |  |  |  | -0.390\* |  |  | -0.083 |
|  |  |  |  |  |  |  |  |  |  | (0.161) |  |  | (0.076) |
| var\_df.ls\_int\_den × phisp |  |  |  |  |  |  |  |  |  | 0.022 |  |  |  |
|  |  |  |  |  |  |  |  |  |  | (0.267) |  |  |  |
| var\_df.ls\_complex × phisp |  |  |  |  |  |  |  |  |  | 0.130 |  |  |  |
|  |  |  |  |  |  |  |  |  |  | (0.227) |  |  |  |
| Num.Obs. | 125 | 125 | 96 | 125 | 125 | 96 | 125 | 125 | 96 | 125 | 125 | 96 | 125 |
| AIC | 664.5 | 636.5 | 533.3 | 642.0 | 589.0 | 500.0 | 584.6 | 591.0 | 507.6 | 585.4 | 591.0 | 501.9 | 585.4 |
| BIC | 670.2 | 645.0 | 551.3 | 661.8 | 622.9 | 541.0 | 629.8 | 627.7 | 561.4 | 644.8 | 627.7 | 545.5 | 633.5 |
| Log.Lik. | -330.262 |  |  | -313.997 |  |  | -276.277 |  |  | -271.712 |  |  | -275.718 |
| F |  | 34.825 |  | 8.839 | 14.001 |  | 12.520 | 12.714 |  | 10.844 | 12.714 |  | 11.954 |
| RMSE | 10.21 | 9.13 | 6.81 | 6.72 | 4.47 | 4.83 | 3.85 | 4.48 | 4.80 | 3.82 | 4.48 | 4.89 | 3.81 |
| + p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | | | | | | | | | | | |