**Results**

**Table 3. Parameter coefficients and standard errors from the top model(s) in the macroeconomic analysis.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ***No time lag*** | |  | ***1 year time lag*** | |  | ***2 year time lag*** | |
| **Variable** | **Coefficient** | **SE** |  | **Coefficient** | **SE** |  | **Coefficient** | **SE** |
| ***Macroeconomic*** |  |  |  |  |  |  |  |  |
| GDP | NA | NA |  | -0.01500 | 0.00340 |  | -0.02600\* | 0.00390 |
| Agricultural proportion of GDP | 0.27000 | 0.07000 |  | 0.25000 | 0.06600 |  | -0.03400\* | 0.07600 |
| Development flows - agriculture | NA | NA |  | NA | NA |  | -0.00005\* | 0.00020 |
| Development flows - environment | 0.03100 | 0.00400 |  | NA | NA |  | -0.00260\* | 0.00450 |
| Foreign direct investment | NA | NA |  | 0.00360 | 0.00050 |  | 0.00040\* | 0.00060 |
| Population density | -4.43000 | 0.85000 |  | -6.09000 | 0.81000 |  | -7.68000\* | 0.95000 |
| Forest remaining | -0.00030 | 0.00004 |  | -0.00004 | 0.00004 |  | 0.00004\* | 0.00005 |
| ***Commodity / production*** |  |  |  |  |  |  |  |  |
| Change in median market price - corn | 0.02600 | 0.00620 |  | 0.00704\* | 0.00647 |  | -0.00365\* | 0.00329 |
| Change in median market price - rice | -0.00700 | 0.00280 |  | -0.00429\* | 0.00272 |  | 0.00004\* | 0.00058 |
| Change in median market price - rubber | -0.00090 | 0.00031 |  | 0.00019\* | 0.00022 |  | -0.00004\* | 0.00009 |
| Change in median market price - sugar | 0.01336 | 0.00150 |  | 0.00708\* | 0.00127 |  | 0.00877\* | 0.00124 |
| Non-food agricultural production index | 0.00659 | 0.00295 |  | 0.00672\* | 0.00264 |  | -0.00149\* | 0.00203 |
| Crop production index |  |  |  | 0.00042\* | 0.00144 |  | -0.00328\* | 0.00427 |
| Total production from forestry | NA | NA |  | 0.00000\* | 0.00000 |  | 0.00000\* | 0.00000 |
| Forest remaining | -0.00017 | 0.00004 |  | -0.00017\* | 0.00003 |  | -0.00013\* | 0.00003 |
| ***Producer prices*** |  |  |  |  |  |  |  |  |
| Producer price of corn | 0.00415 | 0.00355 |  | 0.01093\* | 0.00240 |  | 0.00014\* | 0.00081 |
| Producer price of rice | -0.02465 | 0.00436 |  | 0.00452\* | 0.00564 |  | 0.01258\* | 0.00474 |
| Producer price of rubber | 0.03424 | 0.00401 |  | -0.00075\* | 0.00228 |  | -0.00431\* | 0.00467 |
| Producer price of sugar | 0.00004 | 0.00010 |  | 0.00016\* | 0.00018 |  | 0.00000\* | 0.00006 |
| Producer price of cassava | 0.00032 | 0.00123 |  | 0.00006\* | 0.00076 |  | -0.01791\* | 0.00214 |
| Forest remaining | -0.00023 | 0.00002 |  | -0.00015\* | 0.00002 |  | -0.00013\* | 0.00002 |

\* Coefficients derived from full averaging of models within dAIC < 6.

Diagram

Description automatically generated

**Figure 1. Modelled relationships between economic predictors and the allocation of new economic land concessions in Cambodia between 1993 – 2015 using the top model (top and bottom row) and model averaged (middle row) parameters. Top row: no time lag between predictor and response; middle row: 1-year time lag between predictor and response; bottom row: 2-year time lag between predictor and response.**

Diagram

Description automatically generated

**Figure 2. Modelled relationships between commodity price predictors and the allocation of new economic land concessions in Cambodia between 1993 – 2015 using the top model (top two rows) and model averaged (bottom two rows) parameters. Top two rows: no time lag between predictor and response; third row: 1-year time lag between predictor and response; bottom row: 2-year time lag between predictor and response.**

Graphical user interface

Description automatically generated

**Figure 3. Modelled relationships between producer price predictors and the allocation of new economic land concessions Cambodia between 1993 – 2015 using the top model (top two rows) and model averaged (bottom two rows) parameters. Top two rows: no time lag between predictor and response; third row: 1-year time lag between predictor and response; bottom row: 2-year time lag between predictor and response.**

Socioecon models – report marginal and conditional R2