**A SIMPLE AGENT-BASED SOCIAL IMPACT THEORY MODEL OF STUDENT STEM**

**SELECTION**

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| **Study ID** | **indicators** | **methods** | **scale** | **practices** |
| ID09 | The model is built upon three general features of social impact theory model, namely: variants, impacts, and environmental biases.   * The pressure on * individual *j* in a variant with member is . * Total population is (. * index the set of individuals currently in variant k. * is the time dependent bias from environmental actors toward variant *k* in period *l*. * is the time independent bias toward variant k * The status and location * of each individual in the peer society are and respectively. * a is the persuasiveness constant and ranges from 0.5 to 1. | Numerical model based on equation (1) | - | What may be considered a good practice is the fact that the model considers the connection between the micro-level behavior of individuals and the macro-level patterns that  emerge from the interactions of many individuals. |

