Table S1. List of all variables considered for spatial risk mapping of human-elephant conflicts

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| **Serial No** | **Variable Type** | **Predictor Variables** | **Reference** | **Unit** |
| 1. | **Land use type** | Euclidean distance to protected areas | Chen et al., 2016 | Meter |
| 2. |  | Area of forest | Wilson et al., 2013 | Square meter |
| 3. |  | Area of agriculture  | Wilson et al., 2013 | Square meter |
| 4. |  | Area of tea plantation  | Wilson et al., 2013 | Square meter |
| 5. |  | Area of riverine patches | Naha et al., 2019 | Square meter |
| 6. |  | Area of sand bed  | Naha et al., 2019 | Square meter |
| 7. | **Anthropogenic**  | Length of roads | Naha et al., 2019 | Kilometer |
| 8. |  | Human density | Sitati et al., 2003 | Unit per km |
| 9. |  | Area of human settlements | Naha et al., 2019 | Square meter |
| 10. | **Water** | Length of rivers | Naha et al., 2019 | Kilometer |