Relationships Table:

Every variable in the VAST to which a one-sided arrow is pointing is a dependent (endogenous) variable. Provide a mathematical function for each endogenous variable, that takes all incoming arrows as input variables.

Output variable	Function to compute the output variable	Comment	To what extent derived from theory?[a]	To what extent empirically backed?
IA_i	$IA_i = (a_1, a_2, \ldots, a_n)$ mit $a_j = (d_j, p_j) \quad$ fuer $j = 1, 2 \ldots, n$		Derived from theory	ID 8
AA_i	$AA_i = (a_{n+1}, a_{n+2}, \ldots, a_{n+m})$ $a_k = (d_k, p_k) \quad$ fuer $k = n+1, n+2, \ldots, n+$	parallel to IA_i	Loosely inspired by theory	ID 9
T_i^{post}	$T_i^{\text{post}} = \dfrac{1}{n_i^{IA} + n_i^{AA}} \times \underbrace{\sum_{j \in IA_i} p_j d_j}_{n_i^{IA} \ \text{Terme}} + \underbrace{\sum_{j \in AA_i} p_j d_j}_{n_i^{AA} \ \text{Terme}}$		Loosely inspired by theory	ID 4

T_i^{pre}	$T_i^{\text{pre}} = \dfrac{1}{n} \displaystyle\sum_{j \in IA_i} p_j d_j$		Loosely inspired by theory	ID 2
$\bar{T}^{\text{pre}}$	$\bar{T}^{\text{pre}} = \dfrac{1}{N} \displaystyle\sum_{i=1}^{N} T_i^{\text{pre}}$		Derived from theory	ID 17
$\bar{T}^{\text{post}}$	$\bar{T}^{\text{post}} = \bar{T}^{\text{pre}} + \dfrac{1}{N} \displaystyle\sum_{i=1}^{N} \sum_{j \in AA_i} p_j d_j$		Derived from theory	ID 18

[a] Response scale:

- Dictated by theory (add IDs from the Construct Source Table as reference)
- Derived from theory
- Loosely inspired by theory
- Not based on focal theory, but rather on common sense or other theories
- Not at all.