

# **Ethics Component**

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2025-11-11

## **Ethical Challenges**

### **Data Transparency and Reproducibility**

Without a clear documentation of data provenance and calculation methods, there are risks of this data being misinterpreted or misused in policy/academic contexts. This should be addressed by: 1. Follow established scientific methodologies from the boundaries R package. 2. Provide documentation of all data sources and model assumptions within the dashboard. 3. Enable full reproducibility through Github. 4. Keep the project open-source in order to maintain validation and allowing for community input.

### **Scientific Communication and Risk of Misinterpretation**

### **Global Sustainability**

### **Open Access and Knowledge**

### **Responsible Implementation/Use and Impact Considerations**