

## Terminology Services - Terminology and Acronyms Report

Term	Acronym	Vocabulary	Vocabulary Type	Preferred Term
Sensitivity Analysis		Modeling Glossary	Glossary and Key Word List	
<p>Definition: The computation of the effect of changes in input values or assumptions (including boundaries and model functional form) on the outputs. The study of how uncertainty in a model output can be systematically apportioned to different sources of uncertainty in the model input. By investigating the "relative sensitivity" of model parameters, a user can become knowledgeable of the relative importance of parameters in the model.</p>				
Sensitivity Analysis		Lifecycle Assessment Principles and Practices Glossary	Glossary and Key Word List	
<p>Definition: A systematic evaluation process for describing the effect of variations of inputs to a system on the output.</p>				
Sensitivity analysis		EPA ExpoBox Terminology	Glossary and Key Word List	
<p>Definition: Used to determine which parameters and exposures have the most impact on an exposure estimate.</p>				
sensitivity analysis		Thesaurus of Terms Used in Microbial Risk Assessment	Thesaurus	
<p>Definition 1: Process of changing one variable while leaving the others constant to determine its effect on the output. This procedure fixes each uncertain quantity at its credible lower and upper bounds (holding all others at their nominal values, such as medians) and computes the results of each combination of values. The results help to identify the variables that have the greatest effect on exposure estimates and help focus further information gathering efforts. [EPA 1997a]</p> <p>Definition 2: A method used to examine the behavior of a model by measuring the variation in its outputs resulting from changes to its inputs. [CAC 1999, FAO/WHO 2003b]</p>				

Search Criteria:

Search String: Sensitivity Analysis (Exact)

Include Acronyms: true

Include Terms: true

Only Return Terms With Definitions:true

## Terminology Services - Terminology and Acronyms Report

Term	Acronym	Vocabulary	Vocabulary Type	Preferred Term
<p>Definition 3: A means to determine the robustness of a mathematical model or analysis (such as a cost-effectiveness analysis or decision analysis) that tests a plausible range of estimates of key independent variables (e.g., costs, outcomes, probabilities of events) to determine if such variations make meaningful changes the results of the analysis. Sensitivity analysis also can be performed for other types of study; e.g., clinical trials analysis (to see if inclusion/exclusion of certain data changes results) and meta-analysis (to see if inclusion/exclusion of certain studies changes results). [NLM/NICHSR 2004]</p>				
Sensitivity Analysis		Water Conservation Plan Guidelines Glossary	Glossary and Key Word List	
<p>Definition: An analysis of alternative results based on variations in assumptions; a "what if" analysis.</p>				
Sensitivity analysis		Exposure Factors Handbook: Glossary	Glossary and Key Word List	
<p>Definition: Process of changing one variable while leaving the others constant to determine its effect on the output. This procedure fixes each uncertain quantity at its credible lower and upper bounds (holding all others at their nominal values, such as medians) and computes the results of each combination of values. The results help to identify the variables that have the greatest effect on exposure estimates and help focus further information-gathering efforts.</p>				
Sensitivity Analysis		EPA EV-Research- Research Resources- Analytical Methods &Protocols	Taxonomy	
<p>Definition 1: A means to determine the robustness of a mathematical model or analysis (such as a cost-effectiveness analysis or decision analysis) that tests a plausible range of estimates of key independent variables (e.g., costs, outcomes, probabilities of events) to determine if such variations make meaningful changes the results of the analysis. Sensitivity analysis also can be performed for other types of study; e.g., clinical trials analysis (to see if inclusion/exclusion of certain data changes results) and meta-analysis (to see if inclusion/exclusion of certain studies changes results). [NLM/NICHSR 2004][Thesaurus of Terms Used in Microbial</p>				

Search Criteria:

Search String: Sensitivity Analysis (Exact)

Include Acronyms: true

Include Terms: true

Only Return Terms With Definitions:true

## Terminology Services - Terminology and Acronyms Report

Term	Acronym	Vocabulary	Vocabulary Type	Preferred Term
analysis (to see if inclusion/exclusion of certain studies changes results). [NLM/NICHSR 2004][Thesaurus of Terms Used in Microbial Risk Assessment]				
Definition 2: An analysis of alternative results based on variations in assumptions; a "what if" analysis.[Water Conservation Glossary]				
Definition 3: A method used to examine the behavior of a model by measuring the variation in its outputs resulting from changes to its inputs. [CAC 1999, FAO/WHO 2003b][Thesaurus of Terms Used in Microbial Risk Assessment]				
Definition 4: Process of changing one variable while leaving the others constant to determine its effect on the output. This procedure fixes each uncertain quantity at its credible lower and upper bounds (holding all others at their nominal values, such as medians) and computes the results of each combination of values. The results help to identify the variables that have the greatest effect on exposure estimates and help focus further information gathering efforts. [EPA 1997a][Thesaurus of Terms Used in Microbial Risk Assessment]				
Definition 5: Used to determine which parameters and exposures have the most impact on an exposure estimate. [EPA ExpoBox Terminology]				

Search Criteria:

Search String: Sensitivity Analysis (Exact)

Include Acronyms: true

Include Terms: true

Only Return Terms With Definitions:true