

COMPASS Project

# COMPASS Dataset Codebook

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# COMPASS Dataset Codebook

Version 1.0

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COMPASS Project official website:

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# COMPASS Project

## Navigating strategic partnerships

### About the COMPASS Project: Project Scope and Aims

The main objective of the Contributing to Modern Partnerships: Assessments of Sino-EU-Serbian Relations (COMPASS) project is to assess the main risks in relations between Serbia and two of its key international partners, the European Union and China, in three areas: politics, security, and economics.

The area of **politics** encompasses the repercussions and influences of contingencies such as bilateral and multilateral agreements, official meetings, visits by political dignitaries, joint statements, and declarations. Additionally, it includes the practical effects and consequences of these actions and official documents affecting relations between entities, such as legislative acts and governmental decrees.

In the area of **security**, the focus is placed on the interactions involving military officials, the engagement of Serbian Armed Forces in EU-led civil and military missions, arms trades, joint military exercises, shifts in armed forces posture, military cooperation agreements, and the ramifications of legislation related to security and defense.

The **economic** area revolves around the various dimensions of economic collaboration between Serbia and both the EU and China. This includes grants, loans, bilateral trade agreements, foreign direct investments, collaborative infrastructural projects, and the exploration of the economic effects arising from the cooperation with these two actors on Serbia's economy.

### COMPASS Dataset

The COMPASS Dataset is a disaggregated dataset characterized by its individual-level granularity, providing detailed and specific information about each contingency event. Within this dataset, each observation corresponds to a unique contingency, distinguished by a unique identifier **compassID** and accompanied by descriptive details such as **short-Name** and **description**, enabling a com-

prehensive understanding of the nature and context of each event. Risk assessments, captured through variables like **riskProb1**, **riskConseq1**, and **overall-COMPASSrisk1**, offer insights into the likelihood, consequence, and overall risk associated with each contingency, facilitating risk analysis and management efforts.



Temporal information, including year, month, and day, allows for tracking and analysis of contingency events over time, enhancing temporal understanding and analysis capabilities. Additional attributes such as categorical variables for **area**, **subArea**, **actor/s**, and **geo-Ref** provide context and further enrich the dataset, supporting detailed analysis and decision-making at the individual contingency level. Overall, the disaggregated nature of the COMPASS Dataset lends itself to in-depth analysis, risk assessment, and informed decision-making, making it a valuable resource for understanding and managing contingencies within its specified context.

The dataset, hosted on the COMPASS Platform at [data.serbiacompass.com](http://data.serbiacompass.com), is curated to serve a diverse range of users, including scholars, students, university teachers, state institutions and bodies, media professionals, and the general public. Designed with inclusivity and accessibility in mind, it is freely accessible to anyone interested in gaining insights into the subject matter it covers. Its open access nature underscores a commitment to transparency and democratization of knowledge, allowing users to explore and analyze the data without any restrictions.

For scholars and students, the dataset offers a rich source of empirical data for research and academic endeavors, enabling them to delve into various aspects

of the subject matter, conduct rigorous analyses, and contribute to academic discourse.

University teachers can leverage the dataset to enrich their teaching materials, design engaging courses, and foster critical thinking among students by incorporating real-world examples and case studies.

State institutions and bodies can utilize the dataset to inform policy-making, strategic planning, and decision-making processes, leveraging the comprehensive insights and empirical evidence provided to develop informed policies, address emerging challenges, and enhance governance effectiveness

Media professionals can access the dataset to enrich their reporting, conduct investigative journalism, and provide the public with accurate and timely information on relevant issues.

Moreover, the dataset caters to the wider public, offering an opportunity for individuals from diverse backgrounds and interests to explore, learn, and engage with the data.

Whether for personal enrichment, civic engagement, or curiosity-driven inquiry, the dataset empowers individuals to access and utilize information that was previously inaccessible or restricted.

## DATASET VERSION

To be released

### COMPASS Dataset version 1.0 (retroactive)

Temporal domain: January 1, 2013 – December 31, 2023

Number of variables: 27

Total number of records/contingencies: 600

Data type: CSV, XLS, Online

Q3, 2024

### COMPASS Dataset version 1.0 (annual series)

Temporal domain: January 1, 2024 – onwards

Number of variables: 33

Number of records/contingencies: 2.000

Data type: CSV, XLS, Online

Q4, 2024

### COMPASS Dataset version 1.0 (integral)

Temporal domain: January 1, 2013 – onwards

Number of variables: 33

Number of records/contingencies: 2.600

Data type: CSV, XLS, Online

Q1, 2025

## COMPASS Dataset Variables

The initial version of COMPASS Dataset captures 33 variables split into three categories:

Technical variables

Risk-related variables

Attributive variables

## Technical variables

Technical variables indicate information on contingencies specifically dedicated to its position within the Dataset. Most of these variables are non visible for wider public.

### 1. Position and Identification:

- **no**: This variable represents the ordinal number or position of the contingency within the COMPASS Dataset. It helps in organizing and referencing contingencies within the dataset.
- **compassID**: This variable serves as a unique identifier for each contingency within the dataset. It allows for unambiguous referencing and tracking of individual contingencies.

### 2. Metadata and Tracking:

- **lastEdit**: This variable indicates the date of the last edit made to the attributes of the contingency. It helps in maintaining an audit trail of changes and ensures that the dataset is up-to-date.

- **enteredBy**: This variable contains the initials or identifier of the team member who added the contingency to the dataset. It provides accountability and allows for tracing contributions made by team members.

### Summary of Technical variables

Variable	Name of the variable
<b>no</b>	Ordinal number of the contingency within the COMPASS Dataset
<b>compassID</b>	Unique identifier of the contingency
<b>lastEdit</b>	Date of last edit of the contingency attributes
<b>enteredBy</b>	Initials of the team member who added the contingency to the Dataset

## COMPASS Risk-related variables

COMPASS Risk-related variables are used to identify, assess, and manage risks by capturing data on the likelihood and impact of specific risks, providing an overall risk assessment, and detailing any disputes or mitigation strategies associated with these risks.

### 1. Risk Identification:

- **riskProb1, riskProb2, riskProb3:** These variables represent the likelihood or probability of a certain risk occurring. The numbers indicate different risks, with each having its own likelihood assessment.
- **riskConseq1, riskConseq2, riskConseq3:** These variables represent the consequence or impact of each respective risk occurring. Again, the numbers correspond to different risks, with each having its own consequence assessment.

### 2. Overall Risk Assessment:

- **overallCOMPASSrisk1, overallCOMPASSrisk2, overallCOMPASSrisk3:** These variables represent an overall assessment of the risks, combining likelihood and consequence assessments into a single value for each risk.

### 3. Dispute Handling:

- **ifDisputed:** This variable likely indicates whether there is a dispute regarding the attributed risk assessment.
- **disputedDesc:** If a dispute exists, this variable likely provides a description or details about the nature of the dispute.

### 4. Risk Management:

- **hasRiskTerm:** This variable indicates whether there is a specific term associated with each risk.
- **riskTermLevel:** If there is a risk term, this variable likely indicates the level or severity of the term.
- **riskMitigation:** This variable indicates whether there is a specific contingency plan or mitigation strategy associated with each risk.



## Summary of COMPASS Risk-related variables

Variable	Name of the variable
<b>riskProb1</b>	Risk 1 likelihood
<b>riskProb1</b>	Risk 1 consequence
<b>overall COMPASSrisk1</b>	Overall COMPASS Risk 1
<b>riskProb2</b>	Risk 2 likelihood
<b>riskConseq2</b>	Risk 2 consequence
<b>overall COMPASSrisk2</b>	Overall COMPASS Risk 2
<b>riskProb3</b>	Risk 3 likelihood
<b>riskConseq3</b>	Risk 3 consequence

Variable	Name of the variable
<b>overall COMPASSrisk3</b>	Overall COMPASS Risk 3
<b>ifDisputed</b>	Whether the attributed risk is disputed
<b>disputedDesc</b>	Description of the state of dispute
<b>hasRiskTerm</b>	Does risk has a term
<b>riskTermLevel</b>	Level of the risk term
<b>riskMitigation</b>	Does contingency constitutes a unit for mitigation / recommendation

## Attributive variables

Attributive variables encompass a set of descriptors and attributes associated with contingencies within a specified dataset. These variables aim to provide comprehensive information about each contingency, including its characteristics, context, and associated elements. Here's an overview of each variable within this group:

### 1. Identification and Description:

- **shortName:** Represents a concise or abbreviated name for the contingency, aiding in quick reference or identification.
- **description:** Provides a general description or summary of the contingency, offering insight into its nature or circumstances.
- **longDesc:** Offers a more detailed or elaborate description of the contingency, providing additional context or information.

### 2. Assessment and Categorization:

- **ifCont:** Indicates whether the contingency has the capacity to undergo risk assessment, suggesting its relevance in risk management processes.
- **area:** Categorizes the contingency into one of three broad areas: politics, security, or economy, providing insight into its thematic focus.
- **subArea:** Specifies one or more predefined sub-areas within which the contingency falls, offering further granularity in its categorization.

### 3. Contextual Information:

- **actor/s:** Identifies the actors or entities associated with the contingency, helping to understand the key stakeholders or participants involved.
- **geoRef:** Specifies the geographic actor relevant to the contingency, such as China or the European Union, providing geographic context.
- **year, month, day (IA):** Records the temporal information associated with the contingency, including the year, month, and day of occurrence.

### 4. Additional Descriptors:

- **hasDesc:** Indicates whether the contingency has a description, facilitating data management and organization.
- **hasSrb:** Specifies whether the contingency has a Serbian description, suggesting multilingual support or regional relevance.
- **srbDescr:** Provides the Serbian description of the contingency, supporting language-specific needs or regional considerations.

### 5. Related Contingencies:

- **relatedCont:** Lists contingencies that are related or interconnected with the current contingency, aiding in the analysis of interdependencies or cascading effects.

## Summary of Attributive variables

Variable	Name of the variable	Variable	Name of the variable
<b>shortName</b>	Short name of contingency	<b>year</b>	Year of the contingency
<b>description</b>	Description of the contingency	<b>month</b>	Month of the contingency
<b>ifCont</b>	Does the contingency has the capacity to be risk-assessed	<b>day (IA)</b>	Day of the contingency
<b>area</b>	One of three areas – politics, security, economy	<b>hasDesc</b>	Does the contingency have a description
<b>subArea</b>	One or more predefined sub-areas	<b>longDesc</b>	Long description of the contingency
<b>actor/s</b>	Actors associated with the contingency	<b>hasSrb</b>	Does the contingency have a Serbian description
<b>geoRef</b>	Geographic actor – China or EU	<b>hasSrb</b>	Serbian description
		<b>relatedCont</b>	Related contingencies

## Detailed description of all variables

### 1. Ordinal number of the record:

- Variable Name: **no**
- Description: Represents the sequential number of the record within the dataset, starting from 1.
- Type: Numeric (digits)
- Range: Linear, starting from 1
- Mandatory: Yes

### 2. Unique identifier of the contingency:

- Variable Name: **compassID**
- Description: A unique alphanumeric identifier assigned to each contingency, akin to a personal identification number for contingencies.
- Type: Alphanumeric
- Range: Linear
- Mandatory: Yes

### 3. Short name of the contingency:

- Variable Name: **shortName**
- Description: A concise name or title for the contingency, limited to a maximum of 15 words.
- Type: Plain text
- Range: -
- Mandatory: Yes

### 4. Description of the contingency:

- Variable Name: **description**
- Description: Textual description of the contingency, spanning 150-200 words, providing comprehensive details.
- Type: Plain text
- Range: -
- Mandatory: Yes

### 5. Does the contingency undergo risk assessment:

- Variable Name: **ifCont**
- Description: Dummy variable indicating whether the contingency undergoes risk assessment (0 for no, 1 for yes).
- Type: Numeric (0/1)
- Range: 0 or 1
- Mandatory: Yes

### 6. Area to which the contingency belongs:

- Variable Name: **area**
- Description: Categorizes the contingency into one of three areas: politics (P), security (S), or economy (E).
- Type: Plain text
- Range: P, S, E (can be two or all three)
- Mandatory: Yes



## 7. Sub-area of the contingency:

- Variable Name: **subArea**
- Description: Specifies one or more sub-areas within the broader categories, offering further categorization.
- Type: Categorical (text)
- Range: Selection of one or more sub-categories
- Mandatory: Yes

### Sub-Areas of Contingencies

POLITICS	SECURITY & DEFENCE	ECONOMICS
1. EU Accession process	1. Human Security	1. Foreign trade
2. Belgrade - Priština dialogue	2. National Security & Regional Stability	2. Foreign direct investments
3. Serbia's domestic politics	3. International Security	3. Grants & Loans
4. Diplomatic visits	4. Military cooperation	4. Economic policies
5. Sino-Serbian political cooperation	5. Statements and institutional activities	5. Belt and Road Initiative
6. Four pillars policy	6. Serbia in EU CFSP/CSDP	6. Other - economical
7. Serbia and international fora	7. Other - security	
8. Other - political		

## 8. Actors involved in the contingency:

- Variable Name: **actor/s**
- Description: Entities such as countries, statesmen, or international organizations involved in the contingency.
- Type: Plain text (free input)
- Range: -
- Mandatory: Yes

## 9. Year:

- Variable Name: **year**
- Description: Represents the year when the contingency occurred.
- Type: Numeric (digits)
- Range: 2013 - 2026
- Mandatory: Yes

## 10. Month:

- Variable Name: **month**
- Description: Indicates the month when the contingency occurred.
- Type: Numeric (digits)
- Range: 1 - 12
- Mandatory: Yes

### 11. Day:

- Variable Name: **day (IA)**
- Description: Denotes the day when the contingency occurred, if applicable and determinable.
- Type: Numeric (digits)
- Range: 1 - 31
- Mandatory: No

### 12. Likelihood of risk occurrence (X axis):

- Variable Name: **riskProb1, riskProb2, riskProb3**
- Description: Represents the probability of risk occurrence concerning the external/security/economic policy of Serbia. There are three instances, likely corresponding to different phases or assessments.
- Type: Numeric (digits)
- Range: 1-5 (Unlikely, Low, Medium, Highly Likely, Certain)
- Mandatory: No

### 13. Consequence of risk occurrence (Y axis):

- Variable Name: **riskConseq1, riskConseq2, riskConseq3**
- Description: Indicates the intensity of consequences concerning the external/security/economic policy of Serbia in case of risk occurrence. There are three instances, possibly related to different phases or assessments.
- Type: Numeric (digits)
- Range: 1-5 (Minimal, Low, Moderate, Serious, Catastrophic)
- Mandatory: No

### 14. Overall risk:

- Variable Name: **overallCOMPASSrisk1, overallCOMPASSrisk2, overallCOMPASSrisk3**
- Description: Represents the overall risk, possibly derived from the intersection of the previous two values. There are three instances, likely associated with different phases or assessments.
- Type: Text, categorical variable
- Range: Critical Risk, High Risk, Moderate Risk, Low Risk, No Risk
- Mandatory: No

### 15. Is there a different risk among institutions compared to COMPASS Overall Risk:

- Variable Name: **ifDisputed**
- Description: Dummy variable indicating the presence of a different risk perception among institutions compared to the COMPASS Overall Risk (0 for no, 1 for yes).
- Type: Numeric (0/1)
- Range: 0 or 1
- Mandatory: Yes

### 16. Description of the difference and dispute of the risk:

- Variable Name: **disputedDesc**
- Description: Provides a textual description of the differences and disputes regarding the risk perception among institutions.
- Type: Text, categorical variable
- Mandatory: No

### 17. Does the risk have duration:

- Variable Name: **hasRiskTerm**
- Description: Dummy variable indicating whether the risk has a duration (0 for no, 1 for yes).
- Type: Binary dummy variable
- Range: 0 or 1
- Mandatory: Yes

### 18. Duration of the risk:

- Variable Name: **riskTermLevel**
- Description: Specifies the duration significance of the risk (1 for short-term, 2 for medium-term, 3 for long-term) concerning the moment of risk assessment.
- Type: Categorical variable
- Range: 1, 2, 3
- Mandatory: No

### 19. Risk mitigation:

- Variable Name: **riskMitigation**
- Description: Indicates whether the contingency has the capacity to undergo recommendations for Serbian organs and institutions to mitigate the risk (0 for no, 1 for yes).
- Type: Binary variable
- Range: 0 or 1
- Mandatory: Yes

### 20. Related contingencies:

- Variable Name: **relatedCont**
- Description: Indicates the relationship of the contingency with other contingencies in the existing database.
- Mandatory: No

### 21. Geographical actor:

- Variable Name: **geoRef**
- Description: Specifies the geographical actor to which the contingency relates, such as the European Union or China, or both.
- Type: Dummy variable (e.g., 0 for EU, 1 for China)
- Range: EU, China, both, or none
- Mandatory: No

### 22. Has a more detailed description/analysis:

- Variable Name: **hasDesc**
- Description: Dummy variable indicating whether the contingency has a more detailed description and analysis (0 for no, 1 for yes).
- Type: Binary dummy variable
- Range: 0 or 1
- Mandatory: Yes

### 23. Long description:

- Variable Name: **longDesc**
- Description: Provides a longer description if the previous answer was yes.
- Type: Text, categorical variable
- Mandatory: No

## 24. Serbian description:

- Variable Name: **hasSrb, srbDescr**
- Description: Indicates whether the contingency has a description in the Serbian language, and if so, provides the Serbian description.
- Type: Binary variable for presence, Text for description
- Mandatory: Yes

## 25. Last edit:

- Variable Name: **lastEdit**
- Description: Represents the date of the last modification, potentially hidden from users.
- Type: Date
- Mandatory: Yes

## 26. Entered by:

- Variable Name: **enteredBy**
- Description: Specifies the initials of the person who entered the contingency, potentially hidden from users.
- Type: Name (initials)
- Mandatory: Yes



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## Disclaimer

While every effort has been made to ensure the accuracy and reliability of the data collected and analyzed within the COMPASS Project, it is important to note that COMPASS project team can not guarantee the completeness or accuracy of all data.

Users should interpret the results with caution and acknowledge the inherent uncertainties and limitations associated with forecasting and risk assessment methodologies.

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