

## **Updates made to CSES IMD Phase 4 Release of February 27, 2024, since CSES IMD Phase 3 Release of December 8, 2020**

Phase 4 of the CSES Integrated Module Dataset (IMD) of February 27, 2024, contains additions, updates, and improvements on the Phase 3 release of December 8, 2020. We advise users *not* to use files from previous releases with files from the current release. Variable names and attributes, as well as the data, have sometimes been changed.

Overall, CSES IMD Phase 4 sees 114,714 respondents from CSES Module 5 and 17 new variables being added to the dataset, such that the dataset now encompasses 395,797 respondents and 400+ variables overall. A total of 56 election studies from Module 5 have thus been added to IMD Phase 4, bringing the number of election studies to 230 and the number of polities included to 59. All new studies and variables added to IMD Phase 4 from IMD Phase 3 are listed below in the data changes section. Naturally, these newly added 114,714 observations come with appropriate documentation, but users are advised that not all resulting Codebook changes arising from these additions are noted in the Codebook changes list below.

In addition to the set of new variables and election studies, we provide users with a list of other changes and corrections made to CSES IMD Phase 4 compared to CSES IMD Phase 3. We have divided this into data changes, codebook changes, and explanations of deviations between the CSES IMD Phase 4 and the Standalone CSES Modules. Users are advised that all these errata lists, which are not comprehensive but instead highlight the main changes incorporated in CSES IMD since the previous release of 2020.

### **DATASET CHANGES**

1. All 114,714 respondents from CSES Module 5 Full Release have been added to the dataset. This involves the addition of 56 election studies from 45 polities to IMD Phase 4, namely:

**Albania (2017), Australia (2019), Austria (2017), Belgium-Flanders (2019), Belgium-Wallonia (2019), Brazil (2018), Canada (2019), Chile (2017), Costa Rica (2018), Czechia (2017, 2021), Denmark (2019), El Salvador (2019), Finland (2019), France (2017), Germany (2017, 2021), Great Britain (2017, 2019), Greece (2015, 2019), Hong Kong (2016), Hungary (2018), Iceland (2016, 2017), India (2019), Ireland (2016), Israel (2020), Italy (2018), Japan (2017), Latvia (2018), Lithuania (2016, 2020), Mexico (2018), Montenegro (2016), Netherlands (2017, 2021), New Zealand (2017, 2020), Norway (2017), Peru (2021), Poland (2019), Portugal (2019), Romania (2016), Slovakia (2020), South Korea (2016), Sweden (2018),**

**Switzerland (2019), Taiwan (2016, 2020), Thailand (2019), Tunisia (2019), Turkey (2018), United States (2016, 2020) and Uruguay (2019).**

All variables providing numeric party codes on parties/coalitions (IMD3002\_PR\_1-2, IMD3002\_LH\_, IMD3002\_UH\_, IMD3004\_PR\_1-2, IMD3004\_LH\_, IMD3004\_UH\_, IMD3005\_3, IMD3016\_2, IMD5008\_1-2, IMD5009\_1-2) have been harmonized to accord with CSES IMD standards.

2. Researchers are advised that while all eligible administrative (variables beginning with name “IMD1\_”) and survey variables (variable beginning with name “IMD3\_”) have been added to IMD Phase 4 for all 56 CSES Module 5 studies, not all eligible demographic (variables beginning with name “IMD2\_”) and macro-level variables (variables beginning with name “IMD5\_”) have been added in this phase.

For the following eligible demographic variables from CSES Module 5, data have *not* been added to CSES IMD Phase 4, such that all below-listed variables are coded “MISSING” for the newly added 114,714 respondents from Module 5:

- **IMD2005 RELIGIOUS DENOMINATION**
- **IMD2006 HOUSEHOLD INCOME**
- **IMD2008 REGION OF RESIDENCE**
- **IMD2010 RACE**
- **IMD2011 ETHNICITY**
- **IMD2012\_1 NUMBER IN HOUSEHOLD IN TOTAL**
- **IMD2013 LANGUAGE USUALLY SPOKEN AT HOME**
- **IMD2014 CURRENT EMPLOYMENT STATUS**
- **IMD2015\_ISCO\_08 MAIN OCCUPATION**

These variables will be added in a future edition of CSES IMD.

For the following eligible macro-level variables from CSES Module 5, data have *not* been added to CSES IMD Phase 4, such that all below-listed variables are coded “MISSING” for the newly added 114,714 respondents from Module 5:

- **IMD5016\_1-4 VOTES CAST – LOWER/UPPER – 1<sup>st</sup>/2<sup>nd</sup> SEGMENT (TIER)**
- **IMD5017\_1-4 VOTING PROCEDURE – LOWER/UPPER – 1<sup>st</sup>/2<sup>nd</sup> SEGMENT (TIER)**
- **IMD5018\_1-4 VOTING ROUNDS – LOWER/UPPER – 1<sup>st</sup>/2<sup>nd</sup> SEGMENT (TIER)**
- **IMD5021\_1-4 IS THERE PARTY THRESHOLD – LOWER/UPPER – 1<sup>st</sup>/2<sup>nd</sup> SEGMENT (TIER)**

- **IMD5022\_1-4 PARTY THRESHOLD – LOWER/UPPER – 1<sup>st</sup>/2<sup>nd</sup> SEGMENT (TIER)**
- **IMD5036\_1 ELECTORAL ALLIANCES PERMITTED IN AN ELECTION**
- **IMD5036\_2 ELECTORAL ALLIANCES IN PRACTICE**
- **IMD5036\_3 DID ANY ELECTORAL ALLIANCE FORM?**
- **IMD5038 REQUIREMENTS FOR JOINT PARTY LISTS**
- **IMD5040\_1 MULTI-PARTY ENDORSEMENTS**
- **IMD5040\_2 MULTI-PARTY ENDORSEMENTS ON BALLOT**
- **IMD5041\_1 NUMBER OF ELECTORAL SEGMENTS (TIERS)**
- **IMD5041\_2 LINKED ELECTORAL SEGMENTS (TIERS)**
- **IMD5042\_1 DEPENDENT FORMULA IN MIXED SYSTEMS**
- **IMD5042\_2 SUBTYPES OF MIXED ELECTORAL SEGMENTS**
- **IMD5044 FUSED VOTE**
- **IMD5045\_1-3 AVERAGE DISTRICT MAGNITUDE – LOWEST/SECOND/THIRD SEGMENT (TIER) – LOWER HOUSE**
- **IMD5046\_1-4 TRANSFERABLE VOTES – LOWER/UPPER – 1<sup>st</sup>/2<sup>nd</sup> SEGMENT (TIER).**

These variables will be added in a future edition of CSES IMD.

The following administrative variables have been added to the dataset:

3. **IMD1006\_UNALPHA3 (ID COMPONENT – POLITY UN ISO\_3166 ALPHABETIC THREE LETTER CODE):** Variable classifying a polity with a three-letter alphabetical code (e.g., DEU for Germany). It can facilitate data bridging with other standard datasets in the political and social sciences.
4. **IMD1008\_DEC (ID COMPONENT – ELECTION DECADE):** Variable indicating the decade of the main election (1990s, 2000s, 2010s, 2020s).
5. **IMD1008\_MOD\_5 (ID COMPONENT – CSES MODULE 5):** Dichotomous variable identifying respondents from CSES Module 5.
6. **IMD1017 (INTERVIEWER GENDER):** Variable indicating the interviewer's gender for interviewer-administered studies.
7. **IMD1018\_MOD\_1 (ID COMPONENT – WHETHER POLITY ADMINISTERED MODULE 1 MULTIPLE TIMES):** Dichotomous variable classifying whether a polity administered CSES Module 1 more than once.
8. **IMD1018\_MOD\_2 (ID COMPONENT – WHETHER POLITY ADMINISTERED MODULE 2 MULTIPLE TIMES):** Dichotomous variable classifying whether a polity administered CSES Module 2 more than once.

9. **IMD1018\_MOD\_3 (ID COMPONENT – WHETHER POLITY ADMINISTERED MODULE 3 MULTIPLE TIMES)**: Dichotomous variable classifying whether a polity administered CSES Module 3 more than once.
10. **IMD1018\_MOD\_4 (ID COMPONENT – WHETHER POLITY ADMINISTERED MODULE 4 MULTIPLE TIMES)**: Dichotomous variable classifying whether a polity administered CSES Module 4 more than once.
11. **IMD1018\_MOD\_5 (ID COMPONENT – WHETHER POLITY ADMINISTERED MODULE 5 MULTIPLE TIMES)**: Dichotomous variable classifying whether a polity administered CSES Module 5 more than once.
12. **IMD1019 (STUDY TIMING WITH RESPECT TO COVID-19 PANDEMIC)**: Variable classifying whether an election/election study was administered before, after, or during the COVID-19 pandemic.

The following micro-level variables have been added to the dataset:

13. **IMD3016\_1 (IS THERE A PARTY THAT REPRESENTS RESPONDENT'S VIEWS)**: Dichotomous variable indicating whether respondents feel any of the parties in [COUNTRY] represent their views reasonably well. This variable is available for election studies included in CSES Modules 2, 3, and 5.
14. **IMD3016\_2 (PARTY THAT REPRESENTS RESPONDENT'S VIEWS BEST)**: Variable specifying the party representing respondents' views best.

The following macro-level variables have been added to the dataset:

15. **IMD5008\_C (DID PARTY OF THE PRIME MINISTER CHANGE)**: Dichotomous derivative variable created by the CSES Secretariat based on the party of the Prime Minister before and after the election, classifying whether that said party changed after the election. This variable is based on the party of the PM changing, not the person holding the office changing.
16. **IMD5009\_C (DID PARTY OF THE PRESIDENT CHANGE)**: Dichotomous derivative variable created by the CSES Secretariat based on the party of the President before and after the election, classifying whether that said party changed after the election. This variable is based on the party of the President changing, not the person holding the office changing.
17. **IMD5025\_W DATE ELECTION HELD - TIMING**: A derivative variable created by the CSES Secretariat distinguishing whether elections were held on weekdays or on weekends (or both).
18. **IMD5025\_S DATE ELECTION HELD - SEASON**: A derivative variable created by the CSES Secretariat distinguishing the season when elections were held.

The following additional corrections have been made to the dataset:

19. **IMD1003 (ID VARIABLE – ELECTION STUDY (NUMERIC POLITY))**: For Greece (2015), IMD1003 has been recoded from “30002015. GREECE (2015)” to “30012015. GREECE (2015 Jan)”. This recode has been implemented to distinguish the 2015 Greek study of the January 2015 election and included in previous IMD releases from the Greek 2015 study of the September 2015 contest that was newly added to IMD Phase 4 with the inclusion of CSES Module 5.
20. **IMD1004 (ID VARIABLE – ELECTION STUDY (POLITY ALPHABETIC AND YEAR OF ELECTION))**: For Greece (2015), IMD1004 has been recoded from “GRC\_2015” to “GRC12015”. This recode has been implemented to distinguish the 2015 Greek study of the January 2015 election and included in previous IMD releases from the Greek 2015 study of the September 2015 contest that was newly added to IMD Phase 4 with the inclusion of CSES Module 5.
21. **IMD1006\_UN (ID COMPONENT-POLITY UN ISO\_3166-1 NUMERIC CODE)**: The variable is now specified as a numeric variable. Previously, it was specified as a string variable.
22. **IMD1006\_UNALPHA2 (POLITY UN ISO\_3166-1 ALPHABETIC TWO LETTER CODE)**: The variables’ name has been changed to IMD1006\_UNALPHA2, such that all characters are capitalized. In previous versions of the IMD, the variable was referred to as IMD1006\_UNAlpha2.
23. **IMD1006\_NAM (ID COMPONENT – POLITY NAME)**: For all Czech studies (1996, 2002, 2006, 2010, 2013) included in previous IMD releases, IMD1006\_NAM has been recoded from “Czech Republic” to “Czech Republic/Czechia”. This recode was implemented to reflect the change in the polity’s naming conventions from “Czech Republic” to “Czechia” in July 2016, which occurred within the time period covered in IMD Phase 4 (1996 – 2021).
24. **IMD1006\_REG (ID COMPONENT – POLITY UN GEOGRAPHIC REGIONS NUMERIC CODES)**: Election studies from Great Britain (1997, 2005, 2015) were incorrectly classified as “155. WESTERN EUROPE”. In accordance with the UN M49 classification for geographic regions, British election studies (1997, 2005, 2015) have been recoded to “154. NORTHERN EUROPE” for IMD Phase 4.
25. **IMD1006\_VDEM (ID COMPONENT - V-Dem POLITY IDENTIFIER)**: The variables’ name has been changed to IMD1006\_VDEM, so all characters are capitalized. In previous versions of the IMD, the variable was referred to as IMD1006\_VDem.
26. **IMD1011\_D (DATE 1ST ROUND ELECTION BEGAN - DAY)**: The following corrections have been applied to IMD1011\_D:

- For Italy (2006), the election date was classified as Monday, April 10, 2006. However, in 2006, Italy held elections on Sunday, April 9, and Monday, April 10, 2006. As IMD1011\_D classifies the starting date of the election, IMD1011\_D has been recoded from “10” to “9” for Italy (2006).
- Election dates for Norway (1997, 2001, 2005, 2009, 2013) were classified inconsistently across the IMD Phase 3 dataset. Conventionally, elections in Norway are held on Mondays. However, for Norway (2009) and Norway (2013), the Sunday preceding election day was classified as election day in IMD1011\_D. To harmonize coding procedures across elections, IMD1011\_D was recoded from “13” to “14” for Norway (2009) and from “8” to “9” for Norway (2013), thereby specifying Mondays, September 14, 2009, and September 9, 2013, as election days, respectively.

27. **IMD011\_1 (DATE 1<sup>ST</sup> ROUND ELECTION BEGAN – YYYY-MM-DD):** The following corrections have been applied to IMD1011\_1:

- For Italy (2006), the election date was classified as Monday, April 10, 2006. However, in 2006, Italy held elections on Sunday, April 9, and Monday, April 10, 2006. As IMD1011\_1 classifies the starting date of the election, IMD1011\_1 has been recoded from “2006-04-10” to “2006-04-09” for Italy (2006).
- Election dates for Norway (1997, 2001, 2005, 2009, 2013) were classified inconsistently across the IMD Phase 3 dataset. Conventionally, elections in Norway are held on Mondays. However, for Norway (2009) and Norway (2013), the Sunday preceding election day was classified as election day in IMD1011\_1. To harmonize coding procedures across elections, IMD1011\_D was recoded from “2009-09-13” to “2009-09-14” for Norway (2009) and from “2013-09-08” to “2013-09-09” for Norway (2013), thereby specifying Mondays September 14, 2009, and September 9, 2013, as election days, respectively.

28. **IMD1016\_1-3 (MODE OF INTERVIEW – STUDY FIRST/SECOND/THIRD):** Code “5. IN PERSON, USING VIDEO CALL” has been introduced to variables IMD1016\_1-3 in IMD Phase 4, a code applied to the United States (2020) election study that featured video-call interviews as one of several modes.

29. **IMD1016\_2 (MODE OF INTERVIEW – STUDY SECOND):** Great Britain (1997) was incorrectly classified as a single-mode mail-back survey in IMD1016\_1-3. However, the study was administered as a mixed-mode study, combining face-to-face interviews with a mail-back drop-off questionnaire featuring most CSES-themed questions. Hence, IMD1016\_2 has been corrected and recoded from “9. MISSING” to “1. FACE-TO-FACE” for all 2,897 respondents for Great Britain (1997).

30. **IMD2008 (REGION OF RESIDENCE):** Value labels for respondents' region of residence have been added to the dataset. In previous versions of CSES IMD, values were not assigned any labels.
31. **IMD2011 (ETHNICITY):** Value labels for respondents' ethnicity have been added to the dataset. In previous versions of CSES IMD, values were not assigned any labels.
32. **IMD2015\_ISCO\_88 and IMD2015\_ISCO\_08 (RESPONDENTS' MAIN OCCUPATION):** Value labels for respondents' main occupation have been added to the dataset. In previous versions of CSES IMD, values were not assigned any labels.
33. **IMD2021\_ISCO\_88 and IMD2021\_ISCO\_08 (SPOUSE: MAIN OCCUPATION):** Value labels for spouses' main occupation have been added to the dataset. In previous versions of CSES IMD, values were not assigned any labels.
34. **IMD3001\_PR\_1-2 (TURNOUT: CURRENT PRESIDENTIAL ELECTION - ROUND 1 and ROUND 2):** Several changes have been made to the IMD3001\_PR\_1 and IMD3003\_PR\_2 variables to improve data precision:
- Finland (2003), Greece (2012, 2015 Jan), Israel (2013), and Latvia (2014) were incorrectly coded "9999995. NOT APPLICABLE NO ROLE OF PRESIDENT". However, all these polities have a President, but the respective election studies did not refer to a Presidential election. Hence, IMD3001\_PR\_1-2 has been recoded to "9999996. NOT APPLICABLE: NO PRESIDENTIAL ELECTION" for the affected studies.
  - Switzerland (1999, 2003, 2007, 2011, 2019) were coded "9999996. NOT APPLICABLE: NO PRESIDENTIAL ELECTION". However, Switzerland does not operate a President as head of state according to the standard applied by CSES. Hence, IMD3001\_PR\_1-2 have been recoded to "9999995. NOT APPLICABLE: NO ROLE OF PRESIDENT" for Switzerland (1999, 2003, 2007, 2011, 2019).
35. **IMD3001\_UH (TURNOUT: CURRENT UPPER HOUSE ELECTION):** For Taiwan (1996, 2001, 2004), IMD3001\_UH was coded "9999995: NOT APPLICABLE: UNICAMERAL SYSTEM". However, Taiwan operated a directly elected National Assembly that was formally dissolved in 2005. Hence, IMD3001\_UH has been recoded to "9999996. NOT APPLICABLE: NO UPPER HOUSE ELECTION" for Taiwan (1996, 2001, 2004).
36. **IMD3002\_PR\_1-2 (VOTE CHOICE: CURRENT PRESIDENTIAL ELECTION - ROUND 1 and ROUND 2):**
- Finland (2003), Greece (2012, 2015 Jan), Israel (2013) and Latvia (2014) were incorrectly coded "9999995. NOT APPLICABLE NO ROLE OF PRESIDENT".

However, all these polities have a President, but the respective election studies did not refer to a Presidential election. Hence, IMD3002\_PR\_1-2 has been recoded to “9999996. NOT APPLICABLE: NO PRESIDENTIAL ELECTION” for the affected studies.

- Switzerland (1999, 2003, 2007, 2011, 2019) were coded “9999996. NOT APPLICABLE: NO PRESIDENTIAL ELECTION”. However, Switzerland does not operate a President as head of state according to the standard applied by CSES. Hence, IMD3002\_PR\_1-2 have been recoded to “9999995. NOT APPLICABLE: NO ROLE OF PRESIDENT” for Switzerland (1999, 2003, 2007, 2011, 2019).

**37. IMD3002\_LH\_PL (VOTE CHOICE: CURRENT LOWER HOUSE ELECTION - PARTY LIST):** For Belgium (2003), 3 respondents voting for the Worker's Party of Belgium (PVDA / PTB) were previously coded “0560020”, a duplicate code of “0560011. Worker's Party of Belgium (PVDA / PTB)”, as the party contests in both Belgium-Flanders and Belgium-Wallonia. For CSES IMD Phase 4, the 3 respondents have been recoded to “0560011. Worker's Party of Belgium (PVDA / PTB)” for Belgium (2003).

**38. IMD3002\_UH\_PL (VOTE CHOICE: CURRENT UPPER HOUSE ELECTION - PARTY LIST):** Several corrections have been made to IMD3002\_UH\_PL:

- For Belgium (2003), 2 respondents voting for the Worker's Party of Belgium (PVDA / PTB) were previously coded “0560020”, a duplicate code of “0560011. Worker's Party of Belgium (PVDA / PTB)”, as the party contests in both Belgium-Flanders and Belgium-Wallonia. For CSES IMD Phase 4, the 3 respondents have been recoded to “0560011. Worker's Party of Belgium (PVDA / PTB)” for Belgium (2003).
- For Taiwan (1996, 2001, 2004), IMD3002\_UH\_PL was coded “9999995: NOT APPLICABLE: UNICAMERAL SYSTEM”. However, Taiwan operated a directly elected National Assembly that was formally dissolved in 2005. Hence, IMD3002\_UH\_PL has been recoded to “9999996. NOT APPLICABLE: NO UPPER HOUSE ELECTION” for Taiwan (1996, 2001, 2004).

**39. IMD3002\_UH\_DC\_1-4 (VOTE CHOICE: CURRENT UPPER HOUSE ELECTION - DISTRICT CANDIDATE 1-4):** For Taiwan (1996, 2001, 2004), IMD3002\_UH\_DC\_ were coded “9999995: NOT APPLICABLE: UNICAMERAL SYSTEM”. However, Taiwan operated a directly elected National Assembly that was formally dissolved in 2005. Hence, IMD3002\_UH\_DC\_ have been recoded to “9999996. NOT APPLICABLE: NO UPPER HOUSE ELECTION” for Taiwan (1996, 2001, 2004).



40. **IMD3003\_PR\_1-2 (TURNOUT: PREVIOUS PRESIDENTIAL ELECTION ROUND 1 and ROUND 2):** Several changes have been made to the IMD3001\_PR\_1 and IMD3003\_PR\_2 variables to improve data precision:

- Finland (2003), Germany (2017), Greece (2012, 2015 Jan), Israel (2013), and Latvia (2014) were incorrectly coded “9999995. NOT APPLICABLE NO ROLE OF PRESIDENT”. However, all these polities have a President, but the respective election studies did not refer to a Presidential election. Hence, IMD3003\_PR\_1-2 have been recoded to “9999996. NOT APPLICABLE: NO PRESIDENTIAL ELECTION” for the affected studies.
- Australia (1996), Belgium-Flanders (1999), Belgium-Wallonia (1999), Canada (1997), Denmark (1998), Spain (1996, 2000), Great Britain (1997), Hong Kong (1998, 2000), Japan (1996), Netherlands (1998), Norway (1997), New Zealand (1996), Sweden (1998) and Thailand (2001) were all coded “9999999. MISSING”. However, none of these polities have a president. Hence, IMD3003\_PR\_1-2 have been recoded to “9999995. NOT APPLICABLE: NO ROLE OF PRESIDENT” for the affected studies.
- Switzerland (1999, 2003, 2007, 2011, 2019) were coded “9999996. NOT APPLICABLE: NO PRESIDENTIAL ELECTION”. However, Switzerland does not operate a President as head of state according to the standard applied by CSES. Hence, IMD3003\_PR\_1-2 have been recoded to “9999995. NOT APPLICABLE: NO ROLE OF PRESIDENT” for Switzerland (1999, 2003, 2007, 2011, 2019).

41. **IMD3003\_UH (TURNOUT: PREVIOUS UPPER HOUSE ELECTION):** Several changes have been made to the IMD3001\_PR\_1 and IMD3003\_PR\_2 variables to improve data precision:

- Denmark (1998), Hong Kong (1998, 2000), Hungary (1998), Iceland (1999), Israel (1996), Lithuania (1997), Norway (1997), New Zealand (1996), Peru (2000, 2001), South Korea (2000), Sweden (1998) and Ukraine (1998) were all coded “9999999. MISSING”. However, all these polities operate a unicameral parliament. Hence, IMD3003\_UH has been recoded to “9999995. NOT APPLICABLE: UNICAMERAL SYSTEM” for the affected studies.
- For Taiwan (1996, 2001, 2004), IMD3003\_UH was coded “9999995: NOT APPLICABLE: UNICAMERAL SYSTEM”. However, Taiwan operated a directly elected National Assembly that was formally dissolved in 2005. Hence, IMD3003\_UH has been recoded to “9999996. NOT APPLICABLE: NO UPPER HOUSE ELECTION” for Taiwan (1996, 2001, 2004).

**42. IMD3004\_PR\_1-2 (VOTE CHOICE: PREVIOUS PRESIDENTIAL ELECTION - ROUND 1 and ROUND 2):** Several changes have been made to the IMD3001\_PR\_1 and IMD3003\_PR\_2 variables to improve data precision:

- Finland (2003), Greece (2012, 2015 Jan), Israel (2013) and Latvia (2014) were incorrectly coded “9999995. NOT APPLICABLE NO ROLE OF PRESIDENT”. However, all these polities have a President, but the respective election studies did not refer to a Presidential election. Hence, IMD3004\_PR\_1 has been recoded to “9999996. NOT APPLICABLE: NO PRESIDENTIAL ELECTION” for the affected studies.
- Australia (1996), Belgium-Flanders (1999), Belgium-Wallonia (1999), Canada (1997), Denmark (1998), Spain (1996, 2000), Great Britain (1997), Hong Kong (1998, 2000), Japan (1996), Netherlands (1998), Norway (1997), New Zealand (1996), Sweden (1998) and Thailand (2001) were all coded “9999999. MISSING”. However, all these polities do not have a President. Hence, IMD3004\_PR\_1-2 have been recoded to “9999995. NOT APPLICABLE: NO ROLE OF PRESIDENT” for the affected studies.
- Switzerland (1999, 2003, 2007, 2011, 2019) were coded “9999996. NOT APPLICABLE: NO PRESIDENTIAL ELECTION”. However, Switzerland does not operate a President as head of state according to the standard applied by CSES. Hence, IMD3004\_PR\_1-2 have been recoded to “9999995. NOT APPLICABLE: NO ROLE OF PRESIDENT” for Switzerland (1999, 2003, 2007, 2011, 2019).

**43. IMD3004\_UH\_PL (VOTE CHOICE: PREVIOUS UPPER HOUSE ELECTION – PARTY LIST):** Several changes have been made to the IMD3004\_UH\_PL variable to improve data precision:

- Denmark (1998), Hong Kong (1998, 2000), Hungary (1998), Iceland (1999), Israel (1996), Lithuania (1997), Norway (1997), New Zealand (1996), Peru (2000, 2001), South Korea (2000), Sweden (1998) and Ukraine (1998) were all coded “9999999. MISSING”. However, all these polities operate a unicameral parliament. Hence, IMD3004\_UH\_PL has been recoded to “9999995. NOT APPLICABLE: UNICAMERAL SYSTEM” for the affected studies.
- For Taiwan (1996, 2001, 2004), IMD3004\_UH\_PL was coded “9999995: NOT APPLICABLE: UNICAMERAL SYSTEM”. However, Taiwan operated a directly elected National Assembly that was formally dissolved in 2005. Hence, IMD3004\_UH\_PL has been recoded to “9999996. NOT APPLICABLE: NO UPPER HOUSE ELECTION” for Taiwan (1996, 2001, 2004).

44. **IMD3004\_UH\_DC\_ (VOTE CHOICE: PREVIOUS UPPER HOUSE ELECTION – DISTRICT CANDIDATE 1-3):** Several changes have been made to the IMD3004\_UH\_DC\_1-3 variables to improve data precision:
- Denmark (1998), Hong Kong (1998, 2000), Hungary (1998), Iceland (1999), Israel (1996), Lithuania (1997), Norway (1997), New Zealand (1996), Peru (2000, 2001), South Korea (2000), Sweden (1998) and Ukraine (1998) were all coded “9999999. MISSING”. However, all these polities operate a unicameral parliament. Hence, IMD3004\_UH\_DC\_1-3 have been recoded to “9999995. NOT APPLICABLE: UNICAMERAL SYSTEM” for the affected studies.
  - For Taiwan (1996, 2001, 2004), IMD3004\_UH\_DC\_ were coded “9999995: NOT APPLICABLE: UNICAMERAL SYSTEM”. However, Taiwan operated a directly elected National Assembly that was formally dissolved in 2005. Hence, IMD3004\_UH\_DC\_ have been recoded to “9999996. NOT APPLICABLE: NO UPPER HOUSE ELECTION” for Taiwan (1996, 2001, 2004).
45. **IMD5003\_A-I (PERCENT VOTE – UPPER HOUSE – PARTY A-I):** For Taiwan (1996, 2001, 2004), IMD5003\_A-I were coded “996: NOT APPLICABLE: UNICAMERAL SYSTEM”. However, Taiwan operated a directly elected National Assembly that was formally dissolved in 2005. Hence, IMD5003\_A-I have been recoded to “997. NOT APPLICABLE: NO UPPER HOUSE ELECTION” for Taiwan (1996, 2001, 2004).
46. **IMD5004\_A-I (PERCENT SEATS – UPPER HOUSE – PARTY A-I):** For Taiwan (1996, 2001, 2004), IMD5004\_A-I were coded “996: NOT APPLICABLE: UNICAMERAL SYSTEM”. However, Taiwan operated a directly elected National Assembly that was formally dissolved in 2005. Hence, IMD5004\_A-I have been recoded to “997. NOT APPLICABLE: NO UPPER HOUSE ELECTION” for Taiwan (1996, 2001, 2004).
47. **IMD5005\_A-I (PERCENT VOTE - PRESIDENT - PARTY A-I):** Several changes have been made to the IMD3004\_UH\_DC\_1-3 variables to improve data precision:
- For Finland (2003, 2007, 2011), Greece (2012, 2015 Jan), Israel (2013), Latvia (2011, 2014) and Slovakia (2020), IMD5005\_A-I were coded “996. NOT APPLICABLE: NO ROLE OF PRESIDENT”. However, all these polities have a President, but the respective election studies did not refer to a Presidential election. Consequently, IMD5005\_A-I have been recoded to “997. NOT APPLICABLE: NO PRESIDENTIAL ELECTION” for the affected studies.
  - Norway (2017) was coded “997. NOT APPLICABLE: NO ROLE OF PRESIDENT”. However, Norway does not have a President. Hence, IMD5005\_A-I have been recoded to “996. NOT APPLICABLE: NO ROLE OF PRESIDENT” for Norway (2017).

- Switzerland (1999, 2003, 2007, 2011) were coded “997. NOT APPLICABLE: NO PRESIDENTIAL ELECTION”. However, Switzerland does not operate a President as head of state according to the standard applied by CSES. Hence, IMD5005\_A-I have been recoded to “996. NOT APPLICABLE: NO ROLE OF PRESIDENT” for Switzerland (1999, 2003, 2007, 2011, 2019).
48. **IMD5009\_2 (PARTY OF THE PRESIDENT - AFTER):** For Slovenia (2011), the party of the President after the election was incorrectly specified as “7050002. Social Democrats”. However, Slovenia’s President at the time, Danilo Türk (independent), held the Presidency from 2007 to 2012. Hence, IMD5009\_2 has been recoded to “9999989. INDEPENDENT CANDIDATE” for Slovenia (2011).
49. **IMD5011\_A-I (EXPERT: IDEOLOGICAL FAMILY - PARTY A – PARTY I):** The following corrections have been applied to IMD5011\_A-I:
- Variable labels have been updated for IMD5011\_A-I to specify that these measures are based on expert judgments.
  - For Spain (2000), IMD5011\_F was coded “13. REGIONAL PARTIES”. However, there is no alphabetic code F assigned to any party for Spain (2000), and the reference of that code could not be ascertained. Hence, IMD5011\_F was recoded to “99. MISSING” for Spain (2000).
  - For Taiwan (1996) and the United States (1999), IMD5011\_D, IMD5011\_E and IMD5011\_F were coded “97. NOT APPLICABLE”, although alphabetic codes D, E, and F were not assigned to any party for the respective studies. Consequently, IMD5011\_D – IMD5011\_F were recoded to “99. MISSING” for Taiwan (1996) and the United States (1996).
  - For Australia (1996), Canada (1997), Great Britain (1997), Israel (1996) and Lithuania (1997), IMD5011\_F was coded “97. NOT APPLICABLE”, although alphabetic code F were not assigned to any party for the respective studies. Consequently, IMD5011\_F was recoded to “99. MISSING” for the affected studies.
50. **IMD5012\_A-I (EXPERT: IDEOLOGY LEFT-RIGHT - PARTY A – PARTY I):** The following corrections have been applied to IMD5012\_A-I:
- Variable labels have been updated for IMD5012\_A-I to specify that these measures are based on expert judgments.
  - For Taiwan (1996) and the United States (1999), IMD5012\_D, IMD5012\_E and IMD5012\_F were coded “97. NOT APPLICABLE”, although alphabetic codes D, E, and F were not assigned to any party for the respective studies.

Consequently, IMD51012\_D – IMD5012\_F were recoded to “99. MISSING” for Taiwan (1996) and the United States (1996).

- For Canada (1997), Great Britain (1997), Israel (1996) and Lithuania (1997), IMD5012\_F was coded “97. NOT APPLICABLE”, although alphabetic code F were not assigned to any party for the respective studies. Consequently, IMD51012\_F was recoded to “99. MISSING” for the affected studies.

51. **IMD5014 (ELECTORAL FORMULA: PRESIDENTIAL ELECTION):** For Iceland (1999, 2003, 2007, 2009, 2013), IMD5014 was incorrectly classified as “7. NOT APPLICABLE” or “9. MISSING”. IMD5014 was recoded to “1. PLURALITY” for all the above-listed Icelandic studies, as this is the electoral formula the polity operates for Presidential elections.

52. **IMD5016\_2 (VOTES CAST - LOWER - 2ND SEGMENT (TIER)):** Denmark (1998, 2001, 2007) and Sweden (1998, 2002, 2006, 2014) were previously classified as “97. NOT APPLICABLE”. To increase precision, the above-listed studies were recoded to “91. OTHER”, as both Denmark and Sweden’s electoral systems feature separate second tiers, but voters do not cast a specific ballot for it.

53. **IMD5018\_2 (VOTING ROUNDS - LOWER - 2ND SEGMENT (TIER)):** The following corrections have been applied to IMD5011\_A-I:

- For Belgium-Flanders (1999), Belgium-Wallonia (1999) and Belgium (2003), IMD5018\_2 was classified as “1”. However, Belgium does not operate a second tier for lower house elections. Hence, IMD5018\_2 has been recoded to “97. NOT APPLICABLE” for the affected Belgium studies.
- For Hong Kong (1998, 2000, 2004, 2008), IMD5018\_2 was classified as “1”. However, Hong Kong applied a single-tier electoral system for the 1998 – 2008 elections. Hence, IMD5018\_2 has been recoded to “97. NOT APPLICABLE” for Hong Kong (1998, 2000, 2004, 2008).

54. **IMD5025\_2 (DATE ELECTION HELD - DAY):** The following corrections have been applied to IMD5025\_2:

- For Italy (2006), the election date was classified as Monday, April 10, 2006. However, in 2006, Italy held elections on Sunday, April 9, and Monday, April 10, 2006. Hence, IMD5025\_2 has been recoded from “10” to “9” for Italy (2006), thereby specifying Sunday, April 9, as election day.
- Election dates for Norway (1997, 2001, 2005, 2009, 2013) were classified inconsistently across the IMD Phase 3 dataset. Conventionally, elections in Norway are held on Mondays. However, for Norway (2009), the Sunday preceding election day was classified as election day in IMD5025\_2. To

harmonize coding procedures across elections, IMD5025\_2 was recoded from “13” to “14” for Norway (2009), thereby specifying Monday, September 14, 2009, as election day.

55. **IMD5036\_1 (ELECTORAL ALLIANCES PERMITTED IN AN ELECTION):** Data has been added for Belgium-Wallonia (1999).
56. **IMD5036\_3 (DID ANY ELECTORAL ALLIANCE FORM?):** Data has been added for Belgium-Wallonia (1999).
57. **IMD5038 (REQUIREMENTS FOR JOINT PARTY LISTS):** Data has been added for Belgium-Wallonia (1999).
58. **IMD5040\_1 (MULTI-PARTY ENDORSEMENTS):** Data has been added for Belgium-Wallonia (1999).
59. **IMD5040\_2 (MULTI-PARTY ENDORSEMENTS ON BALLOT):** Data has been added for Belgium-Wallonia (1999).
60. **IMD5046\_2 (TRANSFERABLE VOTES - LOWER - 2ND SEGMENT (TIER)):** For Taiwan (2001, 2004), IMD5046\_2 was coded “7. NOT APPLICABLE”. However, for these elections, Taiwan applied a two-tier voting system that did not feature preference votes in the second tier. Hence, IMD5046\_2 was reclassified to “0. NO / NO PREFERENCE VOTE SYSTEM” for Taiwan (2001, 2004).
61. **IMD5057\_1-3 (POPULATION, TOTAL (WORLD BANK) – TIME T / TIME T-1 / TIME T-2):** The code for election studies classified as “MISSING” has been changed from 999,999,999 to 9,999,999,999 in IMD5057\_1-3 to accommodate for India’s population size exceeding 1 billion.
62. **IMD5100\_A-I (MANIFESTO RESEARCH ON POLITICAL REPRESENTATION (MARPOR/CMP) IDENTIFIER - PARTY A-I):** Some party codes (identifiers), which were previously coded missing, have become available since the previous CSES IMD release, and are added to the CSES IMD Phase 4 dataset. Codes were added for the following studies:
  - **Argentina (2015)**
  - **Uruguay (2019)**Furthermore, codes were added for the following parties and the following variables:
  - **Belgium-Flanders (1999):** IMD5100\_D (Flemish Importance) coded 21914
  - **Finland (2003, 2007, 2009):** IMD5100\_E (Green League) coded 14110
  - **Finland (2011):** IMD5100\_F (Green League) coded 14110
  - **Iceland (1999, 2003, 2007):** IMD5100\_B (Social Democratic Alliance) coded 15328
  - **Iceland (2009):** IMD5100\_A (Social Democratic Alliance) coded 15328

- **Iceland (2013):** IMD5100\_C (Social Democratic Alliance) coded 15328
- **Japan (2004, 2007):** IMD5100\_C (Komeito) coded 71530
- **Japan (2013):** IMD5100\_F (Komeito) coded 71530
- **Romania (2014):** IMD5100\_C (Popular Movement Party) coded 93540.

**63. IMD5101\_A-I PARLIAMENTS AND GOVERNMENT DATABASE (PARLGOV)**

**IDENTIFIER – PARTY A-I):** Some party codes (identifiers), which were previously coded missing, have become available since the previous CSES IMD release, and are added to the CSES IMD Phase 4 dataset. Codes are added for the following parties:

- **Belgium-Wallonia (1999):** IMD5101\_A (Socialist Party (Francophone)) coded 1378

Additionally, the following corrections have been made to IMD5101\_:

- **Belgium (2003):** IMD5101\_D (Socialist Party (Francophone)) was classified as “1029”. However, code “1029” refers to the Socialist Party Differently (S.P.A) from Belgium-Flanders. Hence, IMD5101\_D has been recoded to “1378” for Belgium (2003), the correct ParlGov identifier.
- **Germany (1998, 2002, 2013):** IMD5101\_D (Alliance 90/Greens) was classified as “255”. However, code “225” refers to “Alliance 90 / Greens – Citizen’s Movement”, a code only used for the 1990 election. Hence, IMD5101\_D has been recoded to “772” for Germany (1998, 2002, 2013), the correct ParlGov identifier.
- **Germany (2005, 2009):** IMD5101\_E (Alliance 90/Greens) was classified as “255”. However, code “225” refers to “Alliance 90 / Greens – Citizen’s Movement”, a code only used for the 1990 election. Hence, IMD5101\_E has been recoded to “772” for Germany (1998, 2002, 2013), the correct ParlGov identifier.
- **Ireland (2002, 2011):** IMD5101\_D (Sinn Fein) was classified as “433”. However, code “443” refers to “Sinn Fein – The Worker’s Party” and was used until the 1989 election. Hence, IMD5101\_D has been recoded to “2217” for Ireland (2002, 2011), the correct ParlGov identifier.
- **Ireland (2007):** IMD5101\_E (Sinn Fein) was classified as “433”. However, code “443” refers to “Sinn Fein – The Worker’s Party” and was used until the 1989 election. Hence, IMD5101\_E has been recoded to “2217” for Ireland (2002, 2011), the correct ParlGov identifier.
- **Latvia (2010, 2011, 2014):** IMD5101\_D (National Alliance All for Latvia For Fatherland and Freedom (LNNK)) was classified as “1557”. However, code “1557” refers to “Latvian National Independence Movement (LNNK)”, a code

used by ParlGov until 1995. Hence, IMD5101\_D has been recoded to “521” for Latvia (2010, 2011, 2014), the correct ParlGov identifier.

**64. IMD5102\_A-I (CHAPEL HILL EXPERT SURVEY (CHES) IDENTIFIER – PARTY A-I):** Some party codes (identifiers), which were previously coded missing, have become available since the previous CSES IMD release, and are added to the CSES IMD Phase 4 dataset. Codes are added for the following studies:

- **Albania (2005)**
- **Brazil (2002, 2006, 2010, 2014)**
- **Chile (1999, 2005, 2009)**
- **Mexico (1997, 2000, 2003, 2006, 2009, 2012, 2015)**
- **Peru (2000, 2001, 2006, 2011, 2016)**
- **Serbia (2012)**
- **Uruguay (2009)**

Furthermore, codes were added for the following parties and the following variables:

- **Czech Republic/Czechia (2013):** IMD5102\_I (Czech Pirate Party) coded 2261
- **Iceland (1999, 2003, 2007):** IMD5100\_B (Social Democratic Alliance) coded 4505
- **Iceland (2009):** IMD5102\_A (Social Democratic Alliance) coded 4505
- **Iceland (2013):** IMD5102\_C (Social Democratic Alliance) coded 4505
- **Portugal (2005):** IMD5102\_G (Ecologist Party "The Greens") coded 1211 and IMD5102\_F (Portuguese Communist Party) coded 1210
- **Slovakia (2016):** IMD5102\_E (Kotleba - People's Party Our Slovakia) coded 2817 and IMD5102\_F (We are Family) coded 2818

Additionally, the following correction has been made to IMD5102\_ :

- **Portugal (2015):** IMD5102\_A (Portugal Ahead (PSD – CDS\_PP) was classified as “1206”. However, code “1206” refers exclusively to the PSD, one of the two coalition members. Consequently, IMD5102\_A has been recoded to “9999. MISSING” for Portugal (2015).

**65. IMD5103\_A-I (PARTY FACTS IDENTIFIER - PARTY A-I):** Some party codes (identifiers), which were previously coded missing, have become available since the previous CSES IMD release and are added to the CSES IMD Phase 4 dataset. Codes are added for the following parties and the following variables:

- **Montenegro (2012):** IMD5103\_I (Croatian Civic Initiative) coded 3253



- **New Zealand (2011):** IMD5103\_G (MANA Movement) coded 1427
- **Romania (1996):** IMD5103\_G (National Liberal Party) coded 481
- **Romania (2004):** IMD5103\_B (National Liberal Party) coded 481
- **Romania (2009):** IMD5103\_C (National Liberal Party) coded 481
- **Romania (2012):** IMD5103\_H (National Liberal Party) coded 481
- **Turkey (2011, 2015):** IMD5103\_E (Felicity Party) coded 572
- **United States (1996, 2004):** IMD5103\_C (Reform Party) coded 3557

Additionally, the following corrections have been made to IMD5103\_:

- **Australia (2004, 2013):** IMD5103\_A (Liberal Party) was classified as “1998”. However, code “1998” refers to a “Liberal Party” active in the 1920s. Hence, IMD5103\_A has been recoded to “486” for Australia (2004, 2013), the correct Party Facts identifier.
- **Australia (1996, 2007):** IMD5103\_B (Liberal Party) was classified as “1998”. However, code “1998” refers to a “Liberal Party” active in the 1920s. Hence, IMD5103\_B has been recoded to “486” for Australia (2004, 2013), the correct Party Facts identifier.
- **Belgium (2003):** IMD5103\_G (Humanist Democratic Center) was classified as “2338”. However, code “2338” does not exist in the current version of Party Facts. Hence, IMD5103\_G has been recoded to “633” for Belgium (2003), the correct Party Facts identifier.
- **Latvia (2010, 2011, 2014):** IMD5103\_D (National Alliance All for Latvia For Fatherland and Freedom) was classified as “1789”. However, Party Facts uses several codes for the party. Consequently, IMD5103\_D has been recoded to “1704” for Latvia (2010, 2011), which is the code used by Party Facts until 2011. For Latvia (2014), IMD5103\_D has been reclassified to “7619”, the code used by Party Facts for LNNK since 2014.

## CODEBOOK CHANGES

1. **CODEBOOK PART 1** –Information on all 56 election studies from CSES Module 5 has been added to all tables in Codebook Part 1, including information on the number of observations per study, the mode of interview, fieldwork dates, the number of election studies included in CSES IMD per polity, and an overview over each polity’s participation in CSES by Standalone Module.
2. **CODEBOOK PART 3** –Numeric party codes and documentation for 450+ new parties newly assigned to the 56 studies from CSES Module 5 have been added to the Codebook.

3. **CODEBOOK PART 3** – The structure of Polity Notes and Election Study Notes has been harmonized across polities for IMD Phase 4. Polity Notes now provide any relevant information on political parties, changes to the party system, electoral alliances and coalitions, etc. Election Study Notes are now reserved for any coding and/or documentation differences between Standalone CSES Modules and CSES IMD.
4. **CODEBOOK PART 3** – Numeric party code 0560020 has been removed from the IMD Phase 4 dataset and Codebook Part 3. The duplicate code identified respondents from Belgium (2003) voting for the Worker's Party of Belgium (PVDA / PTB) classified under code 0560011, a party contesting both in Belgium-Flanders and Belgium-Wallonia.
5. **CODEBOOK PART 3** – A polity note has been added for Bulgaria, explaining that the National Movement for Stability and Progress (NDS) (numerical code 1000019) was known as “National Movement Simeon II” until 2007.
6. **CODEBOOK PART 4** –Alphabetic Party Codes for all 56 election studies from CSES Module 5 have been added to the Codebook, including additional relevant information provided in POLITY NOTES on party or leader affiliations across time, where applicable.
7. **CODEBOOK PART 5** – Tables in Codebook Part 5 have been restructured. In previous versions of the IMD, Data Bridging Identifiers were provided in two sections: One section featuring bridging identifiers to MARPOR/CMP, ParlGov, and CHES projects, with bridging identifiers to Party Facts supplied in a separate section. For IMD Phase 4, these sections have been harmonized into one section, providing users with a concise overview of all available bridging identifiers by polity.
8. **CODEBOOK PART 5** – Data Bridging Identifiers from MARPOR/CMP, ParlGov, CHES and Party Facts have been added to the Codebook for eligible parties with alphabetical classification from CSES Module 5.
9. **IMD1011\_ (DATE 1<sup>ST</sup> ROUND ELECTION BEGAN)**: A Polity Note has been added for Norway, informing users that elections are traditionally held on Mondays and providing further details on the coding strategy for IMD1011\_ applied for Norway in the IMD Phase 4 dataset.
10. **IMD2001\_1 (AGE OF RESPONDENTS (IN YEARS))**: An Election Study Note has been added for Albania (2005) alerting users that a respondent younger than eligible voting age is included in the sample.
11. **IMD5011\_A-I (EXPERT: IDEOLOGICAL FAMILY – PARTY A-I)**: The table in the variable notes listing inconsistencies in a party’s ideological family classification across time has been updated with data from CSES Module 5.

12. **IMD5025\_ (DATE ELECTION HELD)**: A Polity Note has been added for Norway, informing users that elections are traditionally held on Mondays and providing further details on the coding strategy for IMD5025\_ applied for Norway in the IMD Phase 4 dataset. Further, an Election Study Note has been added for Italy (2006), informing users that elections were held on two consecutive days, April 9 and 10, 2006.

## **DEVIATIONS BETWEEN CSES IMD AND STANDALONE CSES MODULES**

Despite question wordings being virtually identical across modules, CSES IMD harmonizes variables to be consistent over time. Consequently, variables in CSES IMD sometimes deviate in their coding from how they appear in Standalone CSES Modules. These deviations can occur because of the Standalone CSES dataset or codebook coding errors. Appropriate errata are listed on the Standalone CSES Module page in these circumstances. Deviations may also legitimately arise because of different coding schemes applied in CSES, derivative variables created that are unique to CSES IMD, lack of data at the time of processing of Standalone CSES Modules which has since become available, or that data for certain variables were not collected in original Standalone CSES Modules but have become eligible for inclusion in the CSES IMD as it meets the “3 and 1” eligibility criteria (see CSES IMD Stimulus Paper).

Below, we detail the primary deviations between Standalone CSES Modules and CSES IMD Phase 4. CSES makes every effort to ensure that these deviations are minimal and that where they occur, details concerning them are listed in the CSES IMD Codebook and also here.

The following variables are unavailable in some or all Standalone CSES Modules (listed in the brackets) but are added to CSES IMD in Phase 4. They are:

1. **IMD1006\_UNALPHA3 ID COMPONENT – POLITY UN ISO\_3166 ALPHABETIC THREE LETTER CODE**: Not available in Standalone CSES Modules 1-4.
2. **IMD1008\_DEC (ID COMPONENT – ELECTION DECADE)**: Not available in Standalone CSES Modules 1-5.
3. **IMD1008\_MOD\_5 (ID COMPONENT – CSES MODULE 5)**: Not available in Standalone CSES Modules 1-5.
4. **IMD1018\_MOD\_1 (ID COMPONENT – WHETHER POLITY ADMINISTERED MODULE 1 MULTIPLE TIMES)**: Not available in Standalone CSES Modules 1-5.
5. **IMD1018\_MOD\_2 (ID COMPONENT – WHETHER POLITY ADMINISTERED MODULE 2 MULTIPLE TIMES)**: Not available in Standalone CSES Modules 1-5.
6. **IMD1018\_MOD\_3 (ID COMPONENT – WHETHER POLITY ADMINISTERED MODULE 3 MULTIPLE TIMES)**: Not available in Standalone CSES Modules 1-5.
7. **IMD1018\_MOD\_4 (ID COMPONENT – WHETHER POLITY ADMINISTERED MODULE 4 MULTIPLE TIMES)**: Not available in Standalone CSES Modules 1-5.

8. **IMD1018\_MOD\_5 (ID COMPONENT – WHETHER POLITY ADMINISTERED MODULE 5 MULTIPLE TIMES)**: Not available in Standalone CSES Modules 1-4.
9. **IMD1019 (STUDY TIMING WITH RESPECT TO COVID-19 PANDEMIC)**: Not available in Standalone CSES Modules 1-4.
10. **IMD5008\_C (DID PARTY OF THE PRIME MINISTER CHANGE)**: Not available in Standalone CSES Modules 1-5.
11. **IMD5009\_C (DID PARTY OF THE PRESIDENT CHANGE)**: Not available in Standalone CSES Modules 1-5.
12. **IMD5025\_W DATE ELECTION HELD - TIMING**: Not available in Standalone CSES Modules 1-4.
13. **IMD5025\_S DATE ELECTION HELD - SEASON**: Not available in Standalone CSES Modules 1-4.

The CSES Secretariat has noted the following additional deviations between Standalone CSES Modules and IMD Phase 4:

14. **IMD1003 (ID VARIABLE – ELECTION STUDY (NUMERIC POLITY))**: For Greece (2015) in the Standalone CSES Module 5, IMD1003 has been recoded from “30002015. GREECE (2015)” to “30022015. GREECE (2015 Sep)”. This recode has been implemented to distinguish the 2015 Greek study pertaining to the January 2015 election and included in previous IMD releases from the Greek 2015 study pertaining to the September 2015 contest that was newly added to IMD Phase 4 with the inclusion of CSES Module 5.
15. **IMD1004 (ID VARIABLE – ELECTION STUDY (POLITY ALPHABETIC AND YEAR OF ELECTION))**: For Greece (2015) in the Standalone CSES Module 5, IMD1004 has been recoded from “GRC\_2015” to “GRC22015”. This recode has been implemented to distinguish the 2015 Greek study of the January 2015 election and included in previous IMD releases from the Greek 2015 study of the September 2015 contest that was newly added to IMD Phase 4 with the inclusion of CSES Module 5.
16. **IMD1006\_NAM (ID COMPONENT – POLITY NAME)**: For both Czech studies (2017, 2021) included in Standalone CSES Module 5, IMD1006\_NAM has been recoded from “Czechia” to “Czech Republic/Czechia”. This recode was implemented to reflect the change in the polity’s naming conventions from “Czech Republic” to “Czechia” in July 2016, which occurred within the time period covered in IMD Phase 4 (1996 – 2021).
17. **IMD1014\_1-2 (INTERVIEW TIMING - NUMBER OF DAYS BETWEEN INTERVIEW AND FIRST/SECOND ROUND OF ELECTION)**: For Tunisia (2019), the original Module 5 variable uses the Presidential election date (September 15, 2019) as election day. However, CSES Module 5 and CSES IMD define the lower house election as the

main election (held on October 6, 2019). Data for IMD1014\_1-2 have been recoded for Tunisia (2019) for CSES IMD Phase 4 based on the main election date.

18. **IMD2017 (EMPLOYMENT TYPE – PUBLIC OR PRIVATE):** Standalone Module 5 included several auxiliary codes 5 and 6 for employment types not envisaged by the original CSES coding scheme. These codes have been harmonized for IMD as follows: Farmers, self-employed respondents and helping family members coded as 5 or 6 in the Standalone Modules have been recoded to 2. “Private Sector” in the CSES IMD Phase 4. Additionally, for Brazil (2018), auxiliary code “6” referring jointly to “agricultural workers, homestay employees and unregistered homestay employees”, applicable to 13 respondents has been recoded to “5” to meet the coding scheme applied in IMD.
19. **IMD3001\_UH (TURNOUT: CURRENT UPPER HOUSE ELECTION):** For Great Britain (2019), IMD3001\_UH is incorrectly coded “95. NOT APPLICABLE: UNICAMERAL SYSTEM” in CSES Module 5 Full Release. However, that is an error, as the Parliament of the United Kingdom is bicameral. For Great Britain (2019), the values have been corrected to “9999996. NOT APPLICABLE: NO UPPER HOUSE ELECTION” in the CSES IMD Phase 4 dataset.
20. **IMD3002\_LH\_PL (VOTE CHOICE: CURRENT LOWER HOUSE ELECTION – PARTY LIST):** For Chile (2017), numeric party code “152027. Otro” has been assigned to two respondents in the CSES Module 5 Full Release. As “Otro” translates to “Other”, these two respondents have been recoded to “9999992. OTHER CANDIDATE/PARTY (NOT FURTHER SPECIFIED)” for Chile (2017) in CSES IMD Phase 4.
21. **IMD3002\_UH\_PL (VOTE CHOICE: CURRENT UPPER HOUSE ELECTION – PARTY LIST):** For Great Britain (2019), IMD3002\_UH\_PL is incorrectly coded “9999995. NOT APPLICABLE: UNICAMERAL SYSTEM” in CSES Module 5 Full Release. However, that is an error, as the Parliament of the United Kingdom is bicameral. For Great Britain (2019), the values have been corrected to “9999996. NOT APPLICABLE: NO UPPER HOUSE ELECTION” in the CSES IMD Phase 4 dataset.
22. **IMD3002\_UH\_DC\_1-2 (VOTE CHOICE: CURRENT UPPER HOUSE ELECTION – DISTRICT CANDIDATE 1/2):** For Great Britain (2019), IMD3002\_UH\_DC\_1-2 are incorrectly coded “9999995. NOT APPLICABLE: UNICAMERAL SYSTEM” in CSES Module 5 Full Release. However, that is an error, as the Parliament of the United Kingdom is bicameral. For Great Britain (2019), the values have been corrected to “9999996. NOT APPLICABLE: NO UPPER HOUSE ELECTION” in the CSES IMD Phase 4 dataset.

23. **IMD3003\_PR\_ (TURNOUT: PREVIOUS PRESIDENTIAL ELECTION ROUND 1 and ROUND 2):** For Germany (2017), data is incorrectly coded “999995. NOT APPLICABLE: NO ROLE OF PRESIDENT” in the CSES Module 5 Full Release. Germany has a President, but the 2017 German election study does not refer to a Presidential election. Hence, IMD3003\_PR\_1-2 have been recoded to “9999996. NOT APPLICABLE: NO PRESIDENTIAL ELECTION” for Germany (2017) in CSES IMD Phase 4.
24. **IMD3003\_UH (TURNOUT: PREVIOUS UPPER HOUSE ELECTION):** For Great Britain (2019), IMD3003\_UH is incorrectly coded “9999995. NOT APPLICABLE: UNICAMERAL SYSTEM” in CSES Module 5 Full Release. However, that is an error, as the Parliament of the United Kingdom is bicameral. For Great Britain (2019), the values have been corrected to “9999996. NOT APPLICABLE: NO UPPER HOUSE ELECTION” in the CSES IMD Phase 4 dataset.
25. **IMD3004\_LH\_PL (VOTE CHOICE: PREVIOUS LOWER HOUSE ELECTION – PARTY LIST):** Several changes have been made to the IMD3004\_LH\_PL:
- For Czechia (2021), there is a duplicate code in CSES Module 5 Full Release, with codes 203116 and 203123 referring to the same party, namely the Alliance of National Forces. For Czechia (2021), these two codes have been integrated into one joint code, 2030095, in the CSES IMD Phase 4 dataset.
  - For Israel (2020), one respondent in IMD3004\_LH\_PL is incorrectly coded “999996. NOT APPLICABLE: NO LOWER HOUSE ELECTION” in the CSES Module 5 Full Release. However, that is an error, as this respondent cast an invalid ballot. The value for Israel (2020) has been corrected to “999993. INVALID/BLANK BALLOT” in the CSES IMD Phase 4 dataset.
26. **IMD3004\_UH\_PL (VOTE CHOICE: PREVIOUS UPPER HOUSE ELECTION – PARTY LIST):** For Great Britain (2019), IMD3002\_UH\_PL is incorrectly coded “9999995. NOT APPLICABLE: UNICAMERAL SYSTEM” in CSES Module 5 Full Release. However, that is an error, as the Parliament of the United Kingdom is bicameral. For Great Britain (2019), the values have been corrected to “9999996. NOT APPLICABLE: NO UPPER HOUSE ELECTION” in the CSES IMD Phase 4 dataset.
27. **IMD3004\_UH\_DC\_1-2 (VOTE CHOICE: PREVIOUS UPPER HOUSE ELECTION – DISTRICT CANDIDATE 1/2):** For Great Britain (2019), IMD3004\_UH\_DC\_1-2 are incorrectly coded “9999995. NOT APPLICABLE: UNICAMERAL SYSTEM” in CSES Module 5 Full Release. However, that is an error, as the Parliament of the United Kingdom is bicameral. For Great Britain (2019), the values have been corrected to “9999996. NOT APPLICABLE: NO UPPER HOUSE ELECTION” in the CSES IMD Phase 4 dataset.

28. **IMD3013\_1 – IMD3013\_3 (STATE OF ECONOMY OVER 12 PAST MONTHS):** The coding scheme for economy valence applied in CSES IMD follows the classification used in the Standalone CSES Modules 1 and 4. Instead of splitting assessments on the state of a polity's economy across three questions, Standalone CSES Module 5 integrated the measurement into one single five-point scale. This item has been harmonized for IMD as follows:

- **IMD3013\_1:** Respondents stating the economy got “1. MUCH BETTER” or “2. SOMEWHAT BETTER” in Module 5 were recoded to “1. GOTTEN BETTER” in CSES IMD. Respondents assessing the economy “3. STAYED ABOUT THE SAME” were also coded “3. STAYED THE SAME” in IMD (no change). Finally, respondents evaluating the economy got “4. SOMEWHAT WORSE” or “5. MUCH WORSE” were recoded to “5. WORSE” in IMD3013\_1.
- **IMD3013\_2:** Codes “1. MUCH BETTER” and “2. SOMEWHAT BETTER” from CSES Module 5 were integrated into IMD3012\_2 without any change. All other respondents not coded “1” or “2” in CSES Module 5 were recoded to “9. MISSING” for IMD3013\_2.
- **IMD3013\_3:** Codes “4. SOMEWHAT WORSE” and “5. MUCH WORSE” from CSES Module 5 were integrated into IMD3012\_3 without any change. All other respondents not coded “4” or “5” in CSES Module 5 were recoded to “9. MISSING” for IMD3013\_3.

29. **IMD5026\_2 (NUMBER OF ELECTED LEGISLATIVE CHAMBERS):** This variable is not available in Standalone CSES Module 5. However, data for IMD5026\_2 has been added to the IMD Phase 4 dataset.