

S1 Table. List of attributes from SIHSUS database used in this work.

| Attribute | Description |
|-----------------------------------|---|
| ano_cmpt | AIH processing year |
| mes_cmpt | AIH processing month |
| n_aih | AIH unique Id |
| Nasc | Date of birth of patient |
| Sexo | Gender of the patient (1 = male, 3 = female) |
| diag_princ | Principal diagnosis (ICD-10) |
| diag_secun | Secondary diagnosis (ICD-10) |
| diagsecN (1, 2, 3, 4, 5, 6, 7, 8) | List of secondary diagnoses (ICD-10) |
| cid_asso | Complementary causes diagnosis (ICD-10) |
| cid_morte | Cause of death diagnosis (ICD-10) |
| Cobranca | Discharge disposition reason (discharge to home, continue hospitalization, transfer, death etc.) |
| Morte | Indicates death of patient (0 = not died, 1 = died) |
| raca_cor | Race/Ethnicity of the patient (White = 01, Black = 02, Brown = 03, Yellow = 04, Indigenous = 05, No Information = 99) |
| dt_inter | Date of patient's hospitalization |
| ano_atendimento* | Year (4 digits) in which the patient was hospitalized - dt_inter yyyy |
| mês* | Month (2 digits) in which the patient was hospitalized - dt_inter mm |
| idade_real_anos* | Age of patient calculated by difference of date of admission (dt_inter) and date of birth (nasc) |

Attributes with * are not original from SIHSUS, they were obtained from the original attributes in order to facilitate the analysis.