* Families:
    Austronesian

    Atlantic-Congo

    Sino-Tibetan

    Indo-European

    Afro-Asiatic

    Pama-Nyungan

* GB070 Are there morphological cases for non-pronominal core arguments (i.e. S, A or P)?
** Austronesian GB070
0.0   556
1.0   64
Name: count, dtype: int64
*** ----> Malayo-Polynesian GB070
0.0   545
1.0   58
Name: count, dtype: int64
**** --------> Bima-Lembata GB070
0.0   16
Name: count, dtype: int64
**** --------> Central Luzon GB070
0.0   3
1.0   2
Name: count, dtype: int64
**** --------> Basap-Greater Barito GB070
0.0   12
1.0   2
Name: count, dtype: int64
**** --------> Eastern Malayo-Polynesian GB070
0.0   311
1.0   20
Name: count, dtype: int64
**** --------> Tanimbar-Bomberai GB070
0.0   2
Name: count, dtype: int64
**** --------> North Borneo Malayo-Polynesian GB070
0.0   22
1.0   5
Name: count, dtype: int64
**** --------> Greater Central Philippine GB070
0.0   32
1.0   11
Name: count, dtype: int64
**** --------> Malayo-Sumbawan GB070
0.0   39
1.0   1
Name: count, dtype: int64
**** --------> Celebic GB070
0.0   20
1.0   1
Name: count, dtype: int64
**** --------> Northern Luzon GB070
0.0   19
1.0   10
Name: count, dtype: int64
**** --------> Greater Seram Laut GB070
0.0   3
Name: count, dtype: int64
**** --------> Land Dayak GB070
0.0   5
Name: count, dtype: int64
**** --------> Timor-Babar GB070
0.0   16
Name: count, dtype: int64
**** --------> Batanic GB070
1.0   2

```
0.0    1
Name: count, dtype: int64
**** -------> Nunusaku GB070
0.0    7
Name: count, dtype: int64
**** -------> Northwest Sumatra-Barrier Islands GB070
0.0    6
1.0    2
Name: count, dtype: int64
**** -------> South Sulawesi GB070
0.0    6
Name: count, dtype: int64
**** -------> Javanesic GB070
0.0    5
Name: count, dtype: int64
**** -------> Aru GB070
0.0    2
Name: count, dtype: int64
**** -------> Minahasan GB070
0.0    1
Name: count, dtype: int64
**** -------> Kalamian GB070
0.0    1
Name: count, dtype: int64
**** -------> Central Timor GB070
0.0    2
Name: count, dtype: int64
**** -------> Moken-Moklen GB070
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Tolitoli GB070
0.0    1
Name: count, dtype: int64
**** -------> Bilic GB070
0.0    2
1.0    1
Name: count, dtype: int64
**** -------> Lampungic GB070
0.0    1
Name: count, dtype: int64
**** -------> Sangiric GB070
0.0    2
1.0    1
Name: count, dtype: int64
**** -------> West Central Maluku GB070
0.0    2
Name: count, dtype: int64
**** -------> North Mangyan GB070
0.0    1
Name: count, dtype: int64
*** ----> East Formosan GB070
0.0    3
1.0    2
Name: count, dtype: int64
**** -------> Northern East Formosan GB070
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Central East Formosan GB070
1.0    2
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Northwest Formosan GB070
0.0    1
1.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Tsouic GB070
0.0    2
1.0    1
Name: count, dtype: int64
**** -------> Kanakanavu-Saaroa GB070
0.0    2
```

Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Atayalic GB070
0.0   1
1.0   1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Western Plains Austronesian GB070
0.0   1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)

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** Atlantic-Congo GB070
0.0   298
1.0   10
Name: count, dtype: int64
*** ----> Volta-Congo GB070
0.0   278
1.0   10
Name: count, dtype: int64
**** --------> Benue-Congo GB070
0.0   211
1.0   5
Name: count, dtype: int64
**** --------> North Volta-Congo GB070
0.0   48
1.0   4
Name: count, dtype: int64
**** --------> Kwa Volta-Congo GB070
0.0   16
1.0   1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Unclassified Volta-Congo GB070
0.0   2
Name: count, dtype: int64
*** ----> North-Central Atlantic GB070
0.0   11
Name: count, dtype: int64
**** --------> Wolof-BKK GB070
0.0   2
Name: count, dtype: int64
**** --------> Cangin GB070
0.0   1
Name: count, dtype: int64
**** --------> Central Atlantic GB070
0.0   3
Name: count, dtype: int64
**** --------> Fula-Sereer GB070
0.0   4
Name: count, dtype: int64
**** --------> Jaad GB070
0.0   1
Name: count, dtype: int64
*** ----> Mel GB070
0.0   8
Name: count, dtype: int64
**** --------> Northern Mel GB070
0.0   4
Name: count, dtype: int64
**** --------> Southern Mel GB070
0.0   4
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)

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** Sino-Tibetan GB070

```
1.0    129
0.0     79
Name: count, dtype: int64
*** ----> Burmo-Qiangic GB070
0.0    40
1.0    14
Name: count, dtype: int64
**** -------> Lolo-Burmese GB070
0.0    30
1.0     6
Name: count, dtype: int64
**** -------> Na-Qiangic GB070
0.0     9
1.0     8
Name: count, dtype: int64
**** -------> Tujia GB070
0.0     1
Name: count, dtype: int64
*** ----> Bodic GB070
1.0    26
0.0     2
Name: count, dtype: int64
**** -------> Bodish GB070
1.0    14
0.0     1
Name: count, dtype: int64
**** -------> West Himalayish GB070
1.0     5
0.0     1
Name: count, dtype: int64
**** -------> Kaike-Ghale-Tamangic GB070
1.0     6
Name: count, dtype: int64
**** -------> Tshanglic GB070
1.0     1
Name: count, dtype: int64
*** ----> Sinitic GB070
0.0    10
1.0     2
Name: count, dtype: int64
**** -------> Classical-Middle-Modern Sinitic GB070
0.0     7
1.0     2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Min GB070
0.0     2
Name: count, dtype: int64
*** ----> Kuki-Chin-Naga GB070
1.0    36
0.0     5
Name: count, dtype: int64
**** -------> Kuki-Chin GB070
1.0    22
0.0     4
Name: count, dtype: int64
**** -------> Angami-Ao GB070
1.0     7
Name: count, dtype: int64
**** -------> Zemeic GB070
1.0     4
Name: count, dtype: int64
**** -------> Tangkhul-Maring GB070
1.0     3
Name: count, dtype: int64
**** -------> Karbic GB070
0.0     1
Name: count, dtype: int64
*** ----> Himalayish GB070
1.0    27
0.0     1
Name: count, dtype: int64
**** -------> Mahakiranti GB070
1.0    27
```

```
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Macro-Bai GB070
0.0    3
Name: count, dtype: int64
**** -------> Baic GB070
0.0    3
Name: count, dtype: int64
*** ----> Dhimalish GB070
0.0    1
1.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Digarish GB070
1.0    1
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Raji-Raute GB070
1.0    2
Name: count, dtype: int64
**** -------> Raute-Rawat GB070
1.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Brahmaputran GB070
1.0    11
0.0    3
Name: count, dtype: int64
**** -------> Konyak GB070
0.0    2
1.0    2
Name: count, dtype: int64
**** -------> Bodo-Garo GB070
1.0    6
Name: count, dtype: int64
**** -------> Jingpho-Luish GB070
1.0    3
0.0    1
Name: count, dtype: int64
*** ----> Macro-Tani GB070
1.0    6
0.0    1
Name: count, dtype: int64
**** -------> Tani GB070
1.0    5
0.0    1
Name: count, dtype: int64
**** -------> Koro-Holon GB070
1.0    1
Name: count, dtype: int64
*** ----> Miji GB070
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Kho-Bwa GB070
1.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Western Kho-Bwa GB070
1.0    1
Name: count, dtype: int64
**** -------> Puroikic GB070
1.0    1
Name: count, dtype: int64
*** ----> Mruic GB070
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Karenic GB070
0.0    7
Name: count, dtype: int64
**** -------> Central Karen GB070
0.0    2
```

```
Name: count, dtype: int64
**** -------> Northern Karen GB070
0.0    3
Name: count, dtype: int64
**** -------> Southern Karen GB070
0.0    1
Name: count, dtype: int64
**** -------> Peripheral Karen GB070
0.0    1
Name: count, dtype: int64
*** ----> Kman-Meyor GB070
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Nungish GB070
1.0    1
0.0    1
Name: count, dtype: int64
**** -------> Gunong GB070
1.0    1
0.0    1
Name: count, dtype: int64


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** Indo-European GB070
1.0    113
0.0     59
Name: count, dtype: int64
*** ----> Classical Indo-European GB070
1.0    111
0.0     59
Name: count, dtype: int64
**** -------> Indo-Iranian GB070
1.0    72
0.0     7
Name: count, dtype: int64
**** -------> Italic GB070
0.0    21
1.0     6
Name: count, dtype: int64
**** -------> Graeco-Phrygian GB070
1.0    4
Name: count, dtype: int64
**** -------> Balto-Slavic GB070
1.0    14
Name: count, dtype: int64
**** -------> Armenic GB070
1.0    3
Name: count, dtype: int64
**** -------> Germanic GB070
0.0    27
1.0     7
Name: count, dtype: int64
**** -------> Tokharian GB070
1.0    2
Name: count, dtype: int64
**** -------> Albanian GB070
1.0    3
Name: count, dtype: int64
**** -------> Celtic GB070
0.0    4
Name: count, dtype: int64
*** ----> Anatolian GB070
1.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Luvo-Lydian GB070
1.0    1
Name: count, dtype: int64
```

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** Afro-Asiatic GB070
0.0    84
1.0    36
Name: count, dtype: int64
*** ----> Chadic GB070
0.0    48
1.0     2
Name: count, dtype: int64
**** --------> Biu-Mandara GB070
0.0    25
Name: count, dtype: int64
**** --------> West Chadic GB070
0.0    18
1.0     1
Name: count, dtype: int64
**** --------> Masa GB070
0.0    2
Name: count, dtype: int64
**** --------> East Chadic GB070
0.0    3
1.0    1
Name: count, dtype: int64
*** ----> Cushitic GB070
1.0    20
0.0     6
Name: count, dtype: int64
**** --------> South Cushitic GB070
0.0    3
Name: count, dtype: int64
**** --------> East Cushitic GB070
1.0    16
0.0     3
Name: count, dtype: int64
**** --------> Agaw GB070
1.0    3
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Semitic GB070
0.0    23
1.0    11
Name: count, dtype: int64
**** --------> West Semitic GB070
0.0    23
1.0    10
Name: count, dtype: int64
**** --------> East Semitic GB070
1.0    1
Name: count, dtype: int64
*** ----> Berber GB070
0.0    6
1.0    3
Name: count, dtype: int64
**** --------> Tuareg GB070
1.0    3
0.0    1
Name: count, dtype: int64
**** --------> Kabyle-Atlas Berber GB070
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Greater Zenatic GB070
0.0    2
Name: count, dtype: int64
*** ----> Egyptian GB070
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)


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```

```
** Pama-Nyungan GB070
1.0    77
0.0     1
Name: count, dtype: int64
*** ----> Paman GB070
1.0    5
Name: count, dtype: int64
**** --------> Alaya-Athima GB070
1.0    2
Name: count, dtype: int64
**** --------> Compromise Middle Pama GB070
1.0    1
Name: count, dtype: int64
**** --------> Northern Pama GB070
1.0    1
Name: count, dtype: int64
**** --------> Southwest Pama Series([], Name: count, dtype: int64)
**** --------> Mayabic GB070
1.0    1
Name: count, dtype: int64
*** ----> South-West Pama-Nyungan GB070
1.0    8
Name: count, dtype: int64
**** --------> Pilbara GB070
1.0    6
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Kartu-Nhanda GB070
1.0    1
Name: count, dtype: int64
*** ----> Desert Nyungic GB070
1.0    14
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Wati GB070
1.0    6
Name: count, dtype: int64
**** --------> Ngumpin-Yapa GB070
1.0    7
Name: count, dtype: int64
**** --------> Marrngu GB070
1.0    1
Name: count, dtype: int64
*** ----> Southeastern Pama-Nyungan GB070
1.0    13
0.0     1
Name: count, dtype: int64
**** --------> Victorian Pama-Nyungan GB070
1.0    2
0.0    1
Name: count, dtype: int64
**** --------> North Coast Pama-Nyungan GB070
1.0    4
Name: count, dtype: int64
**** --------> New South Wales Pama-Nyungan GB070
1.0    5
Name: count, dtype: int64
**** --------> Wiradhuric GB070
1.0    2
Name: count, dtype: int64
*** ----> Greater Maric GB070
1.0    6
Name: count, dtype: int64
**** --------> Guwa-Maric GB070
1.0    6
Name: count, dtype: int64
*** ----> Karnic GB070
1.0    4
Name: count, dtype: int64
**** --------> Badjiri-Eastern Karnic GB070
1.0    1
Name: count, dtype: int64
**** --------> Central Karnic GB070
```

```
1.0    1
Name: count, dtype: int64
**** --------> Palku GB070
1.0    2
Name: count, dtype: int64
*** ----> Arandic-Thura-Yura GB070
1.0    7
Name: count, dtype: int64
**** --------> Arandic GB070
1.0    3
Name: count, dtype: int64
**** --------> Thura-Yura GB070
1.0    4
Name: count, dtype: int64
*** ----> Ngarna GB070
1.0    2
Name: count, dtype: int64
**** --------> Southern Ngarna GB070
1.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yuulngu GB070
1.0    5
Name: count, dtype: int64
**** --------> Southern Yolngu GB070
1.0    4
Name: count, dtype: int64
**** --------> Western-Inland Yolngu GB070
1.0    1
Name: count, dtype: int64
*** ----> Yimidhirr-Yalanji-Yidinic GB070
1.0    3
Name: count, dtype: int64
**** --------> Yidinic GB070
1.0    1
Name: count, dtype: int64
**** --------> Yalandyic GB070
1.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Macleay-New England GB070
1.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kalkatungic GB070
1.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yarli-Baagandji GB070
1.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nyawaygic GB070
1.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Ganaic GB070
1.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Rockhampton-Gladstone GB070
1.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)


=============================



* GB051 Is there a noun class/gender system where masculine and feminine categories are a factor in class
```

assignment?
** Austronesian GB051
0.0   542
1.0   4
Name: count, dtype: int64
*** ----> Malayo-Polynesian GB051
0.0   528
1.0   4
Name: count, dtype: int64
**** --------> Bima-Lembata GB051
0.0   16
Name: count, dtype: int64
**** --------> Central Luzon GB051
0.0   6
Name: count, dtype: int64
**** --------> Basap-Greater Barito GB051
0.0   13
Name: count, dtype: int64
**** --------> Eastern Malayo-Polynesian GB051
0.0   284
1.0   2
Name: count, dtype: int64
**** --------> Tanimbar-Bomberai GB051
0.0   2
Name: count, dtype: int64
**** --------> North Borneo Malayo-Polynesian GB051
0.0   23
Name: count, dtype: int64
**** --------> Greater Central Philippine GB051
0.0   36
1.0   2
Name: count, dtype: int64
**** --------> Malayo-Sumbawan GB051
0.0   38
Name: count, dtype: int64
**** --------> Celebic GB051
0.0   16
Name: count, dtype: int64
**** --------> Northern Luzon GB051
0.0   26
Name: count, dtype: int64
**** --------> Greater Seram Laut GB051
0.0   2
Name: count, dtype: int64
**** --------> Land Dayak GB051
0.0   4
Name: count, dtype: int64
**** --------> Timor-Babar GB051
0.0   14
Name: count, dtype: int64
**** --------> Batanic GB051
0.0   3
Name: count, dtype: int64
**** --------> Nunusaku GB051
0.0   7
Name: count, dtype: int64
**** --------> Northwest Sumatra-Barrier Islands GB051
0.0   7
Name: count, dtype: int64
**** --------> South Sulawesi GB051
0.0   5
Name: count, dtype: int64
**** --------> Javanesic GB051
0.0   3
Name: count, dtype: int64
**** --------> Aru GB051
0.0   2
Name: count, dtype: int64
**** --------> Minahasan GB051
0.0   2
Name: count, dtype: int64
**** --------> Kalamian GB051
0.0   1
Name: count, dtype: int64

```
**** --------> Central Timor GB051
0.0    2
Name: count, dtype: int64
**** --------> Moken-Moklen GB051
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Tolitoli GB051
0.0    1
Name: count, dtype: int64
**** --------> Bilic GB051
0.0    3
Name: count, dtype: int64
**** --------> Lampungic GB051
0.0    1
Name: count, dtype: int64
**** --------> Sangiric GB051
0.0    3
Name: count, dtype: int64
**** --------> West Central Maluku GB051
0.0    2
Name: count, dtype: int64
**** --------> North Mangyan GB051
0.0    1
Name: count, dtype: int64
*** ----> East Formosan GB051
0.0    5
Name: count, dtype: int64
**** --------> Northern East Formosan GB051
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Central East Formosan GB051
0.0    2
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Northwest Formosan GB051
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Tsouic GB051
0.0    3
Name: count, dtype: int64
**** --------> Kanakanavu-Saaroa GB051
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Atayalic GB051
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Western Plains Austronesian GB051
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)


============================


** Atlantic-Congo GB051
0.0    302
1.0      8
Name: count, dtype: int64
*** ----> Volta-Congo GB051
0.0    285
1.0      6
Name: count, dtype: int64
**** --------> Benue-Congo GB051
0.0    213
1.0      6
Name: count, dtype: int64
**** --------> North Volta-Congo GB051
0.0    54
```

Name: count, dtype: int64
**** --------> Kwa Volta-Congo GB051
0.0   16
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Unclassified Volta-Congo GB051
0.0   2
Name: count, dtype: int64
*** ----> North-Central Atlantic GB051
0.0   10
1.0   1
Name: count, dtype: int64
**** --------> Wolof-BKK GB051
0.0   2
Name: count, dtype: int64
**** --------> Cangin GB051
1.0   1
Name: count, dtype: int64
**** --------> Central Atlantic GB051
0.0   3
Name: count, dtype: int64
**** --------> Fula-Sereer GB051
0.0   4
Name: count, dtype: int64
**** --------> Jaad GB051
0.0   1
Name: count, dtype: int64
*** ----> Mel GB051
0.0   6
1.0   1
Name: count, dtype: int64
**** --------> Northern Mel GB051
0.0   2
1.0   1
Name: count, dtype: int64
**** --------> Southern Mel GB051
0.0   4
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)

==============================

** Sino-Tibetan GB051
0.0   202
1.0   11
Name: count, dtype: int64
*** ----> Burmo-Qiangic GB051
0.0   53
1.0   1
Name: count, dtype: int64
**** --------> Lolo-Burmese GB051
0.0   34
1.0   1
Name: count, dtype: int64
**** --------> Na-Qiangic GB051
0.0   18
Name: count, dtype: int64
**** --------> Tujia GB051
0.0   1
Name: count, dtype: int64
*** ----> Bodic GB051
0.0   27
1.0   1
Name: count, dtype: int64
**** --------> Bodish GB051
0.0   14
1.0   1
Name: count, dtype: int64
**** --------> West Himalayish GB051
0.0   6
Name: count, dtype: int64
**** --------> Kaike-Ghale-Tamangic GB051

```
0.0    6
Name: count, dtype: int64
**** -------> Tshanglic GB051
0.0    1
Name: count, dtype: int64
*** ----> Sinitic GB051
0.0    13
Name: count, dtype: int64
**** -------> Classical-Middle-Modern Sinitic GB051
0.0    10
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Min GB051
0.0    2
Name: count, dtype: int64
*** ----> Kuki-Chin-Naga GB051
0.0    38
1.0    3
Name: count, dtype: int64
**** -------> Kuki-Chin GB051
0.0    23
1.0    2
Name: count, dtype: int64
**** -------> Angami-Ao GB051
0.0    7
Name: count, dtype: int64
**** -------> Zemeic GB051
0.0    4
Name: count, dtype: int64
**** -------> Tangkhul-Maring GB051
0.0    3
Name: count, dtype: int64
**** -------> Karbic GB051
0.0    1
1.0    1
Name: count, dtype: int64
*** ----> Himalayish GB051
0.0    25
1.0    3
Name: count, dtype: int64
**** -------> Mahakiranti GB051
0.0    24
1.0    3
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Macro-Bai GB051
0.0    3
Name: count, dtype: int64
**** -------> Baic GB051
0.0    3
Name: count, dtype: int64
*** ----> Dhimalish GB051
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Digarish GB051
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Raji-Raute GB051
0.0    2
Name: count, dtype: int64
**** -------> Raute-Rawat GB051
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Brahmaputran GB051
0.0    13
1.0    1
Name: count, dtype: int64
**** -------> Konyak GB051
0.0    3
1.0    1
Name: count, dtype: int64
```

```
**** --------> Bodo-Garo GB051
0.0    6
Name: count, dtype: int64
**** --------> Jingpho-Luish GB051
0.0    4
Name: count, dtype: int64
*** ----> Macro-Tani GB051
0.0    7
1.0    1
Name: count, dtype: int64
**** --------> Tani GB051
0.0    6
1.0    1
Name: count, dtype: int64
**** --------> Koro-Holon GB051
0.0    1
Name: count, dtype: int64
*** ----> Miji GB051
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kho-Bwa GB051
0.0    3
1.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Western Kho-Bwa GB051
0.0    2
Name: count, dtype: int64
**** --------> Puroikic GB051
0.0    1
Name: count, dtype: int64
*** ----> Mruic GB051
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Karenic GB051
0.0    7
Name: count, dtype: int64
**** --------> Central Karen GB051
0.0    2
Name: count, dtype: int64
**** --------> Northern Karen GB051
0.0    3
Name: count, dtype: int64
**** --------> Southern Karen GB051
0.0    1
Name: count, dtype: int64
**** --------> Peripheral Karen GB051
0.0    1
Name: count, dtype: int64
*** ----> Kman-Meyor GB051
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nungish GB051
0.0    2
Name: count, dtype: int64
**** --------> Gunong GB051
0.0    2
Name: count, dtype: int64


==============================


** Indo-European GB051
1.0    120
0.0     55
Name: count, dtype: int64
*** ----> Classical Indo-European GB051
1.0    120
0.0     53
Name: count, dtype: int64
```

```
**** --------> Indo-Iranian GB051
1.0    53
0.0    28
Name: count, dtype: int64
**** --------> Italic GB051
1.0    27
0.0     1
Name: count, dtype: int64
**** --------> Graeco-Phrygian GB051
1.0     4
Name: count, dtype: int64
**** --------> Balto-Slavic GB051
1.0    14
Name: count, dtype: int64
**** --------> Armenic GB051
0.0    3
Name: count, dtype: int64
**** --------> Germanic GB051
0.0    20
1.0    14
Name: count, dtype: int64
**** --------> Tokharian GB051
1.0    1
0.0    1
Name: count, dtype: int64
**** --------> Albanian GB051
1.0    3
Name: count, dtype: int64
**** --------> Celtic GB051
1.0    4
Name: count, dtype: int64
*** ----> Anatolian GB051
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Luvo-Lydian GB051
0.0    1
Name: count, dtype: int64


==============================


** Afro-Asiatic GB051
1.0    83
0.0    38
Name: count, dtype: int64
*** ----> Chadic GB051
0.0    28
1.0    21
Name: count, dtype: int64
**** --------> Biu-Mandara GB051
0.0    17
1.0     8
Name: count, dtype: int64
**** --------> West Chadic GB051
1.0    10
0.0     8
Name: count, dtype: int64
**** --------> Masa GB051
0.0    2
Name: count, dtype: int64
**** --------> East Chadic GB051
1.0    3
0.0    1
Name: count, dtype: int64
*** ----> Cushitic GB051
1.0    23
0.0     4
Name: count, dtype: int64
**** --------> South Cushitic GB051
0.0    2
1.0    1
Name: count, dtype: int64
```

```
****  -------> East Cushitic GB051
1.0    18
0.0     2
Name: count, dtype: int64
****  -------> Agaw GB051
1.0     3
Name: count, dtype: int64
****  -------> nan Series([], Name: count, dtype: int64)
*** ----> Semitic GB051
1.0    29
0.0     5
Name: count, dtype: int64
****  -------> West Semitic GB051
1.0    28
0.0     5
Name: count, dtype: int64
****  -------> East Semitic GB051
1.0     1
Name: count, dtype: int64
*** ----> Berber GB051
1.0     9
0.0     1
Name: count, dtype: int64
****  -------> Tuareg GB051
1.0     4
Name: count, dtype: int64
****  -------> Kabyle-Atlas Berber GB051
1.0     1
0.0     1
Name: count, dtype: int64
****  -------> nan Series([], Name: count, dtype: int64)
****  -------> Greater Zenatic GB051
1.0     2
Name: count, dtype: int64
*** ----> Egyptian GB051
1.0     1
Name: count, dtype: int64
****  -------> nan Series([], Name: count, dtype: int64)


===============================


** Pama-Nyungan GB051
0.0    70
1.0     5
Name: count, dtype: int64
*** ----> Paman GB051
0.0     4
Name: count, dtype: int64
****  -------> Alaya-Athima GB051
0.0     2
Name: count, dtype: int64
****  -------> Compromise Middle Pama GB051
0.0     1
Name: count, dtype: int64
****  -------> Northern Pama Series([], Name: count, dtype: int64)
****  -------> Southwest Pama Series([], Name: count, dtype: int64)
****  -------> Mayabic GB051
0.0     1
Name: count, dtype: int64
*** ----> South-West Pama-Nyungan GB051
0.0     8
Name: count, dtype: int64
****  -------> Pilbara GB051
0.0     6
Name: count, dtype: int64
****  -------> nan Series([], Name: count, dtype: int64)
****  -------> Kartu-Nhanda GB051
0.0     1
Name: count, dtype: int64
*** ----> Desert Nyungic GB051
0.0    17
Name: count, dtype: int64
```

```
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Wati GB051
0.0    6
Name: count, dtype: int64
**** -------> Ngumpin-Yapa GB051
0.0    8
Name: count, dtype: int64
**** -------> Marrngu GB051
0.0    1
Name: count, dtype: int64
*** ----> Southeastern Pama-Nyungan GB051
0.0    12
1.0     2
Name: count, dtype: int64
**** -------> Victorian Pama-Nyungan GB051
0.0    3
Name: count, dtype: int64
**** -------> North Coast Pama-Nyungan GB051
0.0    4
Name: count, dtype: int64
**** -------> New South Wales Pama-Nyungan GB051
0.0    3
1.0    2
Name: count, dtype: int64
**** -------> Wiradhuric GB051
0.0    2
Name: count, dtype: int64
*** ----> Greater Maric GB051
0.0    7
Name: count, dtype: int64
**** -------> Guwa-Maric GB051
0.0    7
Name: count, dtype: int64
*** ----> Karnic GB051
0.0    3
1.0    1
Name: count, dtype: int64
**** -------> Badjiri-Eastern Karnic GB051
0.0    1
Name: count, dtype: int64
**** -------> Central Karnic GB051
1.0    1
Name: count, dtype: int64
**** -------> Palku GB051
0.0    2
Name: count, dtype: int64
*** ----> Arandic-Thura-Yura GB051
0.0    7
Name: count, dtype: int64
**** -------> Arandic GB051
0.0    3
Name: count, dtype: int64
**** -------> Thura-Yura GB051
0.0    4
Name: count, dtype: int64
*** ----> Ngarna GB051
0.0    1
Name: count, dtype: int64
**** -------> Southern Ngarna GB051
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Yuulngu GB051
0.0    2
Name: count, dtype: int64
**** -------> Southern Yolngu GB051
0.0    1
Name: count, dtype: int64
**** -------> Western-Inland Yolngu GB051
0.0    1
Name: count, dtype: int64
*** ----> Yimidhirr-Yalanji-Yidinic GB051
0.0    3
Name: count, dtype: int64
```

```
**** -------> Yidinic GB051
0.0    1
Name: count, dtype: int64
**** -------> Yalandyic GB051
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Macleay-New England GB051
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Kalkatungic GB051
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Yarli-Baagandji GB051
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Nyawaygic GB051
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Ganaic Series([], Name: count, dtype: int64)
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Rockhampton-Gladstone Series([], Name: count, dtype: int64)
**** -------> nan Series([], Name: count, dtype: int64)


==============================


* GB052 Is there a noun class/gender system where shape is a factor in class assignment?
** Austronesian GB052
0.0    537
1.0      8
Name: count, dtype: int64
*** ----> Malayo-Polynesian GB052
0.0    523
1.0      8
Name: count, dtype: int64
**** -------> Bima-Lembata GB052
0.0    16
Name: count, dtype: int64
**** -------> Central Luzon GB052
0.0    5
Name: count, dtype: int64
**** -------> Basap-Greater Barito GB052
0.0    13
Name: count, dtype: int64
**** -------> Eastern Malayo-Polynesian GB052
0.0    278
1.0      7
Name: count, dtype: int64
**** -------> Tanimbar-Bomberai GB052
0.0    2
Name: count, dtype: int64
**** -------> North Borneo Malayo-Polynesian GB052
0.0    23
Name: count, dtype: int64
**** -------> Greater Central Philippine GB052
0.0    38
Name: count, dtype: int64
**** -------> Malayo-Sumbawan GB052
0.0    37
1.0     1
Name: count, dtype: int64
**** -------> Celebic GB052
0.0    17
Name: count, dtype: int64
```

```
**** -------> Northern Luzon GB052
0.0    26
Name: count, dtype: int64
**** -------> Greater Seram Laut GB052
0.0    2
Name: count, dtype: int64
**** -------> Land Dayak GB052
0.0    4
Name: count, dtype: int64
**** -------> Timor-Babar GB052
0.0    14
Name: count, dtype: int64
**** -------> Batanic GB052
0.0    3
Name: count, dtype: int64
**** -------> Nunusaku GB052
0.0    7
Name: count, dtype: int64
**** -------> Northwest Sumatra-Barrier Islands GB052
0.0    7
Name: count, dtype: int64
**** -------> South Sulawesi GB052
0.0    5
Name: count, dtype: int64
**** -------> Javanesic GB052
0.0    3
Name: count, dtype: int64
**** -------> Aru GB052
0.0    2
Name: count, dtype: int64
**** -------> Minahasan GB052
0.0    2
Name: count, dtype: int64
**** -------> Kalamian GB052
0.0    1
Name: count, dtype: int64
**** -------> Central Timor GB052
0.0    2
Name: count, dtype: int64
**** -------> Moken-Moklen GB052
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Tolitoli GB052
0.0    1
Name: count, dtype: int64
**** -------> Bilic GB052
0.0    3
Name: count, dtype: int64
**** -------> Lampungic GB052
0.0    1
Name: count, dtype: int64
**** -------> Sangiric GB052
0.0    3
Name: count, dtype: int64
**** -------> West Central Maluku GB052
0.0    2
Name: count, dtype: int64
**** -------> North Mangyan GB052
0.0    1
Name: count, dtype: int64
*** ----> East Formosan GB052
0.0    5
Name: count, dtype: int64
**** -------> Northern East Formosan GB052
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Central East Formosan GB052
0.0    2
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Northwest Formosan GB052
0.0    2
```

```
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Tsouic GB052
0.0    3
Name: count, dtype: int64
**** --------> Kanakanavu-Saaroa GB052
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Atayalic GB052
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Western Plains Austronesian GB052
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)


==============================


** Atlantic-Congo GB052
0.0    236
1.0     60
Name: count, dtype: int64
*** ----> Volta-Congo GB052
0.0    226
1.0     51
Name: count, dtype: int64
**** --------> Benue-Congo GB052
0.0    163
1.0     41
Name: count, dtype: int64
**** --------> North Volta-Congo GB052
0.0    49
1.0     6
Name: count, dtype: int64
**** --------> Kwa Volta-Congo GB052
0.0    12
1.0     4
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Unclassified Volta-Congo GB052
0.0    2
Name: count, dtype: int64
*** ----> North-Central Atlantic GB052
1.0    9
0.0    2
Name: count, dtype: int64
**** --------> Wolof-BKK GB052
0.0    1
1.0    1
Name: count, dtype: int64
**** --------> Cangin GB052
1.0    1
Name: count, dtype: int64
**** --------> Central Atlantic GB052
1.0    4
Name: count, dtype: int64
**** --------> Fula-Sereer GB052
1.0    3
Name: count, dtype: int64
**** --------> Jaad GB052
0.0    1
Name: count, dtype: int64
*** ----> Mel GB052
0.0    7
Name: count, dtype: int64
**** --------> Northern Mel GB052
0.0    3
Name: count, dtype: int64
**** --------> Southern Mel GB052
0.0    4
```

```
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)


============================


** Sino-Tibetan GB052
0.0    208
1.0      4
Name: count, dtype: int64
*** ----> Burmo-Qiangic GB052
0.0    53
1.0     1
Name: count, dtype: int64
**** --------> Lolo-Burmese GB052
0.0    34
1.0     1
Name: count, dtype: int64
**** --------> Na-Qiangic GB052
0.0    18
Name: count, dtype: int64
**** --------> Tujia GB052
0.0    1
Name: count, dtype: int64
*** ----> Bodic GB052
0.0    28
Name: count, dtype: int64
**** --------> Bodish GB052
0.0    15
Name: count, dtype: int64
**** --------> West Himalayish GB052
0.0    6
Name: count, dtype: int64
**** --------> Kaike-Ghale-Tamangic GB052
0.0    6
Name: count, dtype: int64
**** --------> Tshanglic GB052
0.0    1
Name: count, dtype: int64
*** ----> Sinitic GB052
0.0    10
1.0     3
Name: count, dtype: int64
**** --------> Classical-Middle-Modern Sinitic GB052
0.0    9
1.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Min GB052
1.0    2
Name: count, dtype: int64
*** ----> Kuki-Chin-Naga GB052
0.0    40
Name: count, dtype: int64
**** --------> Kuki-Chin GB052
0.0    24
Name: count, dtype: int64
**** --------> Angami-Ao GB052
0.0    7
Name: count, dtype: int64
**** --------> Zemeic GB052
0.0    4
Name: count, dtype: int64
**** --------> Tangkhul-Maring GB052
0.0    3
Name: count, dtype: int64
**** --------> Karbic GB052
0.0    2
Name: count, dtype: int64
*** ----> Himalayish GB052
0.0    28
Name: count, dtype: int64
**** --------> Mahakiranti GB052
```

```
0.0    27
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Macro-Bai GB052
0.0     3
Name: count, dtype: int64
**** -------> Baic GB052
0.0     3
Name: count, dtype: int64
*** ----> Dhimalish GB052
0.0     2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Digarish GB052
0.0     2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Raji-Raute GB052
0.0     2
Name: count, dtype: int64
**** -------> Raute-Rawat GB052
0.0     1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Brahmaputran GB052
0.0    14
Name: count, dtype: int64
**** -------> Konyak GB052
0.0     4
Name: count, dtype: int64
**** -------> Bodo-Garo GB052
0.0     6
Name: count, dtype: int64
**** -------> Jingpho-Luish GB052
0.0     4
Name: count, dtype: int64
*** ----> Macro-Tani GB052
0.0     8
Name: count, dtype: int64
**** -------> Tani GB052
0.0     7
Name: count, dtype: int64
**** -------> Koro-Holon GB052
0.0     1
Name: count, dtype: int64
*** ----> Miji GB052
0.0     1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Kho-Bwa GB052
0.0     4
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Western Kho-Bwa GB052
0.0     2
Name: count, dtype: int64
**** -------> Puroikic GB052
0.0     1
Name: count, dtype: int64
*** ----> Mruic GB052
0.0     2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Karenic GB052
0.0     7
Name: count, dtype: int64
**** -------> Central Karen GB052
0.0     2
Name: count, dtype: int64
**** -------> Northern Karen GB052
0.0     3
Name: count, dtype: int64
**** -------> Southern Karen GB052
0.0     1
```

```
Name: count, dtype: int64
**** -------> Peripheral Karen GB052
0.0    1
Name: count, dtype: int64
*** ----> Kman-Meyor GB052
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Nungish GB052
0.0    2
Name: count, dtype: int64
**** -------> Gunong GB052
0.0    2
Name: count, dtype: int64


==============================


** Indo-European GB052
0.0    171
1.0      2
Name: count, dtype: int64
*** ----> Classical Indo-European GB052
0.0    169
1.0      2
Name: count, dtype: int64
**** -------> Indo-Iranian GB052
0.0    78
1.0     1
Name: count, dtype: int64
**** -------> Italic GB052
0.0    27
1.0     1
Name: count, dtype: int64
**** -------> Graeco-Phrygian GB052
0.0    4
Name: count, dtype: int64
**** -------> Balto-Slavic GB052
0.0    14
Name: count, dtype: int64
**** -------> Armenic GB052
0.0    3
Name: count, dtype: int64
**** -------> Germanic GB052
0.0    34
Name: count, dtype: int64
**** -------> Tokharian GB052
0.0    2
Name: count, dtype: int64
**** -------> Albanian GB052
0.0    3
Name: count, dtype: int64
**** -------> Celtic GB052
0.0    4
Name: count, dtype: int64
*** ----> Anatolian GB052
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Luvo-Lydian GB052
0.0    1
Name: count, dtype: int64


==============================


** Afro-Asiatic GB052
0.0    115
1.0      1
Name: count, dtype: int64
*** ----> Chadic GB052
0.0    44
```

```
Name: count, dtype: int64
**** -------> Biu-Mandara GB052
0.0   23
Name: count, dtype: int64
**** -------> West Chadic GB052
0.0   15
Name: count, dtype: int64
**** -------> Masa GB052
0.0   2
Name: count, dtype: int64
**** -------> East Chadic GB052
0.0   4
Name: count, dtype: int64
*** ----> Cushitic GB052
0.0   27
Name: count, dtype: int64
**** -------> South Cushitic GB052
0.0   3
Name: count, dtype: int64
**** -------> East Cushitic GB052
0.0   20
Name: count, dtype: int64
**** -------> Agaw GB052
0.0   3
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Semitic GB052
0.0   33
1.0   1
Name: count, dtype: int64
**** -------> West Semitic GB052
0.0   32
1.0   1
Name: count, dtype: int64
**** -------> East Semitic GB052
0.0   1
Name: count, dtype: int64
*** ----> Berber GB052
0.0   10
Name: count, dtype: int64
**** -------> Tuareg GB052
0.0   4
Name: count, dtype: int64
**** -------> Kabyle-Atlas Berber GB052
0.0   2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Greater Zenatic GB052
0.0   2
Name: count, dtype: int64
*** ----> Egyptian GB052
0.0   1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)


==============================


** Pama-Nyungan GB052
0.0   91
1.0   3
Name: count, dtype: int64
*** ----> Paman GB052
0.0   6
1.0   3
Name: count, dtype: int64
**** -------> Alaya-Athima GB052
0.0   1
1.0   1
Name: count, dtype: int64
**** -------> Compromise Middle Pama GB052
0.0   3
Name: count, dtype: int64
```

```
****  --------> Northern Pama GB052
0.0    1
Name: count, dtype: int64
****  --------> Southwest Pama GB052
1.0    2
Name: count, dtype: int64
****  --------> Mayabic GB052
0.0    1
Name: count, dtype: int64
***  ----> South-West Pama-Nyungan GB052
0.0    9
Name: count, dtype: int64
****  --------> Pilbara GB052
0.0    6
Name: count, dtype: int64
****  --------> nan Series([], Name: count, dtype: int64)
****  --------> Kartu-Nhanda GB052
0.0    2
Name: count, dtype: int64
***  ----> Desert Nyungic GB052
0.0    20
Name: count, dtype: int64
****  --------> nan Series([], Name: count, dtype: int64)
****  --------> Wati GB052
0.0    6
Name: count, dtype: int64
****  --------> Ngumpin-Yapa GB052
0.0    10
Name: count, dtype: int64
****  --------> Marrngu GB052
0.0    2
Name: count, dtype: int64
***  ----> Southeastern Pama-Nyungan GB052
0.0    16
Name: count, dtype: int64
****  --------> Victorian Pama-Nyungan GB052
0.0    5
Name: count, dtype: int64
****  --------> North Coast Pama-Nyungan GB052
0.0    4
Name: count, dtype: int64
****  --------> New South Wales Pama-Nyungan GB052
0.0    5
Name: count, dtype: int64
****  --------> Wiradhuric GB052
0.0    2
Name: count, dtype: int64
***  ----> Greater Maric GB052
0.0    7
Name: count, dtype: int64
****  --------> Guwa-Maric GB052
0.0    7
Name: count, dtype: int64
***  ----> Karnic GB052
0.0    4
Name: count, dtype: int64
****  --------> Badjiri-Eastern Karnic GB052
0.0    1
Name: count, dtype: int64
****  --------> Central Karnic GB052
0.0    1
Name: count, dtype: int64
****  --------> Palku GB052
0.0    2
Name: count, dtype: int64
***  ----> Arandic-Thura-Yura GB052
0.0    7
Name: count, dtype: int64
****  --------> Arandic GB052
0.0    3
Name: count, dtype: int64
****  --------> Thura-Yura GB052
0.0    4
Name: count, dtype: int64
```

```
*** ----> Ngarna GB052
0.0    7
Name: count, dtype: int64
**** --------> Southern Ngarna GB052
0.0    5
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yuulngu GB052
0.0    2
Name: count, dtype: int64
**** --------> Southern Yolngu GB052
0.0    1
Name: count, dtype: int64
**** --------> Western-Inland Yolngu GB052
0.0    1
Name: count, dtype: int64
*** ----> Yimidhirr-Yalanji-Yidinic GB052
0.0    5
Name: count, dtype: int64
**** --------> Yidinic GB052
0.0    3
Name: count, dtype: int64
**** --------> Yalandyic GB052
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Macleay-New England GB052
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kalkatungic GB052
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yarli-Baagandji GB052
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nyawaygic GB052
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Ganaic Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Rockhampton-Gladstone Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)


==============================



* GB053 Is there a noun class/gender system where animacy is a factor in class assignment?
** Austronesian GB053
0.0    498
1.0     39
Name: count, dtype: int64
*** ----> Malayo-Polynesian GB053
0.0    485
1.0     38
Name: count, dtype: int64
**** --------> Bima-Lembata GB053
0.0    16
Name: count, dtype: int64
**** --------> Central Luzon GB053
0.0    3
1.0    2
Name: count, dtype: int64
**** --------> Basap-Greater Barito GB053
0.0    13
Name: count, dtype: int64
```

```
**** -------> Eastern Malayo-Polynesian GB053
0.0   254
1.0    23
Name: count, dtype: int64
**** -------> Tanimbar-Bomberai GB053
0.0    2
Name: count, dtype: int64
**** -------> North Borneo Malayo-Polynesian GB053
0.0   22
1.0    1
Name: count, dtype: int64
**** -------> Greater Central Philippine GB053
0.0   38
Name: count, dtype: int64
**** -------> Malayo-Sumbawan GB053
0.0   37
1.0    1
Name: count, dtype: int64
**** -------> Celebic GB053
0.0   16
1.0    1
Name: count, dtype: int64
**** -------> Northern Luzon GB053
0.0   25
1.0    1
Name: count, dtype: int64
**** -------> Greater Seram Laut GB053
0.0    2
Name: count, dtype: int64
**** -------> Land Dayak GB053
0.0    4
Name: count, dtype: int64
**** -------> Timor-Babar GB053
0.0   14
Name: count, dtype: int64
**** -------> Batanic GB053
1.0    2
0.0    1
Name: count, dtype: int64
**** -------> Nunusaku GB053
0.0    4
1.0    3
Name: count, dtype: int64
**** -------> Northwest Sumatra-Barrier Islands GB053
0.0    7
Name: count, dtype: int64
**** -------> South Sulawesi GB053
0.0    5
Name: count, dtype: int64
**** -------> Javanesic GB053
0.0    3
Name: count, dtype: int64
**** -------> Aru GB053
1.0    2
Name: count, dtype: int64
**** -------> Minahasan GB053
1.0    2
Name: count, dtype: int64
**** -------> Kalamian GB053
0.0    1
Name: count, dtype: int64
**** -------> Central Timor GB053
0.0    2
Name: count, dtype: int64
**** -------> Moken-Moklen GB053
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Tolitoli GB053
0.0    1
Name: count, dtype: int64
**** -------> Bilic GB053
0.0    3
Name: count, dtype: int64
```

```
**** -------> Lampungic GB053
0.0    1
Name: count, dtype: int64
**** -------> Sangiric GB053
0.0    3
Name: count, dtype: int64
**** -------> West Central Maluku GB053
0.0    2
Name: count, dtype: int64
**** -------> North Mangyan GB053
0.0    1
Name: count, dtype: int64
*** ----> East Formosan GB053
0.0    5
Name: count, dtype: int64
**** -------> Northern East Formosan GB053
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Central East Formosan GB053
0.0    2
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Northwest Formosan GB053
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Tsouic GB053
0.0    3
Name: count, dtype: int64
**** -------> Kanakanavu-Saaroa GB053
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Atayalic GB053
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Western Plains Austronesian GB053
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)


==============================


** Atlantic-Congo GB053
1.0    220
0.0    101
Name: count, dtype: int64
*** ----> Volta-Congo GB053
1.0    202
0.0     98
Name: count, dtype: int64
**** -------> Benue-Congo GB053
1.0    177
0.0     48
Name: count, dtype: int64
**** -------> North Volta-Congo GB053
0.0    38
1.0    18
Name: count, dtype: int64
**** -------> Kwa Volta-Congo GB053
0.0    10
1.0     7
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Unclassified Volta-Congo GB053
0.0    2
Name: count, dtype: int64
*** ----> North-Central Atlantic GB053
1.0    11
0.0     1
```

```
Name: count, dtype: int64
**** -------> Wolof-BKK GB053
1.0    2
Name: count, dtype: int64
**** -------> Cangin GB053
1.0    1
Name: count, dtype: int64
**** -------> Central Atlantic GB053
1.0    4
Name: count, dtype: int64
**** -------> Fula-Sereer GB053
1.0    4
Name: count, dtype: int64
**** -------> Jaad GB053
0.0    1
Name: count, dtype: int64
*** ----> Mel GB053
1.0    6
0.0    2
Name: count, dtype: int64
**** -------> Northern Mel GB053
1.0    3
0.0    1
Name: count, dtype: int64
**** -------> Southern Mel GB053
1.0    3
0.0    1
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)


============================


** Sino-Tibetan GB053
0.0    200
1.0     13
Name: count, dtype: int64
*** ----> Burmo-Qiangic GB053
0.0    49
1.0     5
Name: count, dtype: int64
**** -------> Lolo-Burmese GB053
0.0    32
1.0     3
Name: count, dtype: int64
**** -------> Na-Qiangic GB053
0.0    16
1.0     2
Name: count, dtype: int64
**** -------> Tujia GB053
0.0    1
Name: count, dtype: int64
*** ----> Bodic GB053
0.0    28
Name: count, dtype: int64
**** -------> Bodish GB053
0.0    15
Name: count, dtype: int64
**** -------> West Himalayish GB053
0.0    6
Name: count, dtype: int64
**** -------> Kaike-Ghale-Tamangic GB053
0.0    6
Name: count, dtype: int64
**** -------> Tshanglic GB053
0.0    1
Name: count, dtype: int64
*** ----> Sinitic GB053
0.0    11
1.0     2
Name: count, dtype: int64
**** -------> Classical-Middle-Modern Sinitic GB053
0.0    9
```

```
1.0   1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Min GB053
0.0   1
1.0   1
Name: count, dtype: int64
*** ----> Kuki-Chin-Naga GB053
0.0   38
1.0    3
Name: count, dtype: int64
**** --------> Kuki-Chin GB053
0.0   22
1.0    3
Name: count, dtype: int64
**** --------> Angami-Ao GB053
0.0   7
Name: count, dtype: int64
**** --------> Zemeic GB053
0.0   4
Name: count, dtype: int64
**** --------> Tangkhul-Maring GB053
0.0   3
Name: count, dtype: int64
**** --------> Karbic GB053
0.0   2
Name: count, dtype: int64
*** ----> Himalayish GB053
0.0   27
1.0    1
Name: count, dtype: int64
**** --------> Mahakiranti GB053
0.0   26
1.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Macro-Bai GB053
0.0   3
Name: count, dtype: int64
**** --------> Baic GB053
0.0   3
Name: count, dtype: int64
*** ----> Dhimalish GB053
0.0   2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Digarish GB053
0.0   2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Raji-Raute GB053
0.0   2
Name: count, dtype: int64
**** --------> Raute-Rawat GB053
0.0   1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Brahmaputran GB053
0.0   13
1.0    1
Name: count, dtype: int64
**** --------> Konyak GB053
0.0   3
1.0   1
Name: count, dtype: int64
**** --------> Bodo-Garo GB053
0.0   6
Name: count, dtype: int64
**** --------> Jingpho-Luish GB053
0.0   4
Name: count, dtype: int64
*** ----> Macro-Tani GB053
0.0   8
Name: count, dtype: int64
```

```
**** --------> Tani GB053
0.0    7
Name: count, dtype: int64
**** --------> Koro-Holon GB053
0.0    1
Name: count, dtype: int64
*** ----> Miji GB053
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kho-Bwa GB053
0.0    3
1.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Western Kho-Bwa GB053
0.0    1
1.0    1
Name: count, dtype: int64
**** --------> Puroikic GB053
0.0    1
Name: count, dtype: int64
*** ----> Mruic GB053
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Karenic GB053
0.0    7
Name: count, dtype: int64
**** --------> Central Karen GB053
0.0    2
Name: count, dtype: int64
**** --------> Northern Karen GB053
0.0    3
Name: count, dtype: int64
**** --------> Southern Karen GB053
0.0    1
Name: count, dtype: int64
**** --------> Peripheral Karen GB053
0.0    1
Name: count, dtype: int64
*** ----> Kman-Meyor GB053
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nungish GB053
0.0    2
Name: count, dtype: int64
**** --------> Gunong GB053
0.0    2
Name: count, dtype: int64


=============================


** Indo-European GB053
0.0    134
1.0     37
Name: count, dtype: int64
*** ----> Classical Indo-European GB053
0.0    134
1.0     35
Name: count, dtype: int64
**** --------> Indo-Iranian GB053
0.0    61
1.0    17
Name: count, dtype: int64
**** --------> Italic GB053
0.0    25
1.0     2
Name: count, dtype: int64
**** --------> Graeco-Phrygian GB053
0.0    2
```

```
1.0    2
Name: count, dtype: int64
**** --------> Balto-Slavic GB053
1.0    10
0.0     4
Name: count, dtype: int64
**** --------> Armenic GB053
0.0    2
1.0    1
Name: count, dtype: int64
**** --------> Germanic GB053
0.0    34
Name: count, dtype: int64
**** --------> Tokharian GB053
0.0    2
Name: count, dtype: int64
**** --------> Albanian GB053
0.0    2
1.0    1
Name: count, dtype: int64
**** --------> Celtic GB053
0.0    2
1.0    2
Name: count, dtype: int64
*** ----> Anatolian GB053
1.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Luvo-Lydian GB053
1.0    1
Name: count, dtype: int64


==============================


** Afro-Asiatic GB053
0.0    110
1.0      7
Name: count, dtype: int64
*** ----> Chadic GB053
0.0    41
1.0     4
Name: count, dtype: int64
**** --------> Biu-Mandara GB053
0.0    23
1.0     1
Name: count, dtype: int64
**** --------> West Chadic GB053
0.0    13
1.0     2
Name: count, dtype: int64
**** --------> Masa GB053
0.0    2
Name: count, dtype: int64
**** --------> East Chadic GB053
0.0    3
1.0    1
Name: count, dtype: int64
*** ----> Cushitic GB053
0.0    26
1.0     1
Name: count, dtype: int64
**** --------> South Cushitic GB053
0.0    3
Name: count, dtype: int64
**** --------> East Cushitic GB053
0.0    19
1.0     1
Name: count, dtype: int64
**** --------> Agaw GB053
0.0    3
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
```

```
*** ----> Semitic GB053
0.0    32
1.0     2
Name: count, dtype: int64
**** --------> West Semitic GB053
0.0    31
1.0     2
Name: count, dtype: int64
**** --------> East Semitic GB053
0.0     1
Name: count, dtype: int64
*** ----> Berber GB053
0.0    10
Name: count, dtype: int64
**** --------> Tuareg GB053
0.0     4
Name: count, dtype: int64
**** --------> Kabyle-Atlas Berber GB053
0.0     2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Greater Zenatic GB053
0.0     2
Name: count, dtype: int64
*** ----> Egyptian GB053
0.0     1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)


=============================


** Pama-Nyungan GB053
0.0    59
1.0     4
Name: count, dtype: int64
*** ----> Paman GB053
0.0     3
1.0     1
Name: count, dtype: int64
**** --------> Alaya-Athima GB053
0.0     1
1.0     1
Name: count, dtype: int64
**** --------> Compromise Middle Pama GB053
0.0     1
Name: count, dtype: int64
**** --------> Northern Pama Series([], Name: count, dtype: int64)
**** --------> Southwest Pama Series([], Name: count, dtype: int64)
**** --------> Mayabic GB053
0.0     1
Name: count, dtype: int64
*** ----> South-West Pama-Nyungan GB053
0.0     6
Name: count, dtype: int64
**** --------> Pilbara GB053
0.0     4
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Kartu-Nhanda GB053
0.0     1
Name: count, dtype: int64
*** ----> Desert Nyungic GB053
0.0    13
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Wati GB053
0.0     3
Name: count, dtype: int64
**** --------> Ngumpin-Yapa GB053
0.0     7
Name: count, dtype: int64
**** --------> Marrngu GB053
```

```
0.0    1
Name: count, dtype: int64
*** ----> Southeastern Pama-Nyungan GB053
0.0    12
Name: count, dtype: int64
**** --------> Victorian Pama-Nyungan GB053
0.0    3
Name: count, dtype: int64
**** --------> North Coast Pama-Nyungan GB053
0.0    3
Name: count, dtype: int64
**** --------> New South Wales Pama-Nyungan GB053
0.0    5
Name: count, dtype: int64
**** --------> Wiradhuric GB053
0.0    1
Name: count, dtype: int64
*** ----> Greater Maric GB053
0.0    6
Name: count, dtype: int64
**** --------> Guwa-Maric GB053
0.0    6
Name: count, dtype: int64
*** ----> Karnic GB053
0.0    4
Name: count, dtype: int64
**** --------> Badjiri-Eastern Karnic GB053
0.0    1
Name: count, dtype: int64
**** --------> Central Karnic GB053
0.0    1
Name: count, dtype: int64
**** --------> Palku GB053
0.0    2
Name: count, dtype: int64
*** ----> Arandic-Thura-Yura GB053
0.0    4
1.0    2
Name: count, dtype: int64
**** --------> Arandic GB053
1.0    2
0.0    1
Name: count, dtype: int64
**** --------> Thura-Yura GB053
0.0    3
Name: count, dtype: int64
*** ----> Ngarna Series([], Name: count, dtype: int64)
**** --------> Southern Ngarna Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yuulngu GB053
0.0    1
Name: count, dtype: int64
**** --------> Southern Yolngu Series([], Name: count, dtype: int64)
**** --------> Western-Inland Yolngu GB053
0.0    1
Name: count, dtype: int64
*** ----> Yimidhirr-Yalanji-Yidinic GB053
0.0    3
Name: count, dtype: int64
**** --------> Yidinic GB053
0.0    1
Name: count, dtype: int64
**** --------> Yalandyic GB053
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Macleay-New England GB053
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kalkatungic GB053
0.0    2
Name: count, dtype: int64
```

```
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yarli-Baagandji GB053
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nyawaygic GB053
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Ganaic Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Rockhampton-Gladstone Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)


==============================


* GB170 Can an adnominal property word agree with the noun in noun class/gender?
** Austronesian GB170
0.0    524
1.0      8
Name: count, dtype: int64
*** ----> Malayo-Polynesian GB170
0.0    513
1.0      8
Name: count, dtype: int64
**** --------> Bima-Lembata GB170
0.0    16
Name: count, dtype: int64
**** --------> Central Luzon GB170
0.0    6
Name: count, dtype: int64
**** --------> Basap-Greater Barito GB170
0.0    15
Name: count, dtype: int64
**** --------> Eastern Malayo-Polynesian GB170
0.0    265
1.0      6
Name: count, dtype: int64
**** --------> Tanimbar-Bomberai GB170
0.0    2
Name: count, dtype: int64
**** --------> North Borneo Malayo-Polynesian GB170
0.0    23
Name: count, dtype: int64
**** --------> Greater Central Philippine GB170
0.0    37
Name: count, dtype: int64
**** --------> Malayo-Sumbawan GB170
0.0    39
Name: count, dtype: int64
**** --------> Celebic GB170
0.0    19
Name: count, dtype: int64
**** --------> Northern Luzon GB170
0.0    24
Name: count, dtype: int64
**** --------> Greater Seram Laut GB170
0.0    2
Name: count, dtype: int64
**** --------> Land Dayak GB170
0.0    5
Name: count, dtype: int64
**** --------> Timor-Babar GB170
0.0    16
Name: count, dtype: int64
**** --------> Batanic GB170
0.0    3
Name: count, dtype: int64
**** --------> Nunusaku GB170
```

```
0.0   7
1.0   1
Name: count, dtype: int64
**** --------> Northwest Sumatra-Barrier Islands GB170
0.0   5
Name: count, dtype: int64
**** --------> South Sulawesi GB170
0.0   6
Name: count, dtype: int64
**** --------> Javanesic GB170
0.0   3
Name: count, dtype: int64
**** --------> Aru GB170
1.0   1
0.0   1
Name: count, dtype: int64
**** --------> Minahasan GB170
0.0   1
Name: count, dtype: int64
**** --------> Kalamian GB170
0.0   1
Name: count, dtype: int64
**** --------> Central Timor GB170
0.0   2
Name: count, dtype: int64
**** --------> Moken-Moklen GB170
0.0   2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Tolitoli GB170
0.0   1
Name: count, dtype: int64
**** --------> Bilic GB170
0.0   3
Name: count, dtype: int64
**** --------> Lampungic GB170
0.0   1
Name: count, dtype: int64
**** --------> Sangiric GB170
0.0   3
Name: count, dtype: int64
**** --------> West Central Maluku GB170
0.0   1
Name: count, dtype: int64
**** --------> North Mangyan GB170
0.0   1
Name: count, dtype: int64
*** ----> East Formosan GB170
0.0   5
Name: count, dtype: int64
**** --------> Northern East Formosan GB170
0.0   2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Central East Formosan GB170
0.0   2
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Northwest Formosan GB170
0.0   2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Tsouic GB170
0.0   2
Name: count, dtype: int64
**** --------> Kanakanavu-Saaroa GB170
0.0   2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Atayalic Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Western Plains Austronesian GB170
0.0   1
Name: count, dtype: int64
```

```
**** --------> nan Series([], Name: count, dtype: int64)


=============================


** Atlantic-Congo GB170
1.0    213
0.0    110
Name: count, dtype: int64
*** ----> Volta-Congo GB170
1.0    195
0.0    108
Name: count, dtype: int64
**** --------> Benue-Congo GB170
1.0    182
0.0     46
Name: count, dtype: int64
**** --------> North Volta-Congo GB170
0.0    44
1.0    11
Name: count, dtype: int64
**** --------> Kwa Volta-Congo GB170
0.0    16
1.0     1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Unclassified Volta-Congo GB170
0.0    2
Name: count, dtype: int64
*** ----> North-Central Atlantic GB170
1.0    10
0.0     1
Name: count, dtype: int64
**** --------> Wolof-BKK GB170
0.0    1
1.0    1
Name: count, dtype: int64
**** --------> Cangin GB170
1.0    1
Name: count, dtype: int64
**** --------> Central Atlantic GB170
1.0    3
Name: count, dtype: int64
**** --------> Fula-Sereer GB170
1.0    4
Name: count, dtype: int64
**** --------> Jaad GB170
1.0    1
Name: count, dtype: int64
*** ----> Mel GB170
1.0    8
Name: count, dtype: int64
**** --------> Northern Mel GB170
1.0    4
Name: count, dtype: int64
**** --------> Southern Mel GB170
1.0    4
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)


=============================


** Sino-Tibetan GB170
0.0    204
1.0      5
Name: count, dtype: int64
*** ----> Burmo-Qiangic GB170
0.0    53
Name: count, dtype: int64
**** --------> Lolo-Burmese GB170
0.0    34
```

```
Name: count, dtype: int64
**** -------> Na-Qiangic GB170
0.0    18
Name: count, dtype: int64
**** -------> Tujia GB170
0.0    1
Name: count, dtype: int64
*** ----> Bodic GB170
0.0    27
Name: count, dtype: int64
**** -------> Bodish GB170
0.0    14
Name: count, dtype: int64
**** -------> West Himalayish GB170
0.0    6
Name: count, dtype: int64
**** -------> Kaike-Ghale-Tamangic GB170
0.0    6
Name: count, dtype: int64
**** -------> Tshanglic GB170
0.0    1
Name: count, dtype: int64
*** ----> Sinitic GB170
0.0    13
Name: count, dtype: int64
**** -------> Classical-Middle-Modern Sinitic GB170
0.0    10
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Min GB170
0.0    2
Name: count, dtype: int64
*** ----> Kuki-Chin-Naga GB170
0.0    40
1.0    2
Name: count, dtype: int64
**** -------> Kuki-Chin GB170
0.0    25
1.0    1
Name: count, dtype: int64
**** -------> Angami-Ao GB170
0.0    7
Name: count, dtype: int64
**** -------> Zemeic GB170
0.0    4
Name: count, dtype: int64
**** -------> Tangkhul-Maring GB170
0.0    3
Name: count, dtype: int64
**** -------> Karbic GB170
0.0    1
1.0    1
Name: count, dtype: int64
*** ----> Himalayish GB170
0.0    23
1.0    3
Name: count, dtype: int64
**** -------> Mahakiranti GB170
0.0    22
1.0    3
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Macro-Bai GB170
0.0    3
Name: count, dtype: int64
**** -------> Baic GB170
0.0    3
Name: count, dtype: int64
*** ----> Dhimalish GB170
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Digarish GB170
0.0    2
```

```
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Raji-Raute GB170
0.0    1
Name: count, dtype: int64
**** --------> Raute-Rawat GB170
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Brahmaputran GB170
0.0    14
Name: count, dtype: int64
**** --------> Konyak GB170
0.0    4
Name: count, dtype: int64
**** --------> Bodo-Garo GB170
0.0    6
Name: count, dtype: int64
**** --------> Jingpho-Luish GB170
0.0    4
Name: count, dtype: int64
*** ----> Macro-Tani GB170
0.0    8
Name: count, dtype: int64
**** --------> Tani GB170
0.0    7
Name: count, dtype: int64
**** --------> Koro-Holon GB170
0.0    1
Name: count, dtype: int64
*** ----> Miji GB170
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kho-Bwa GB170
0.0    4
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Western Kho-Bwa GB170
0.0    2
Name: count, dtype: int64
**** --------> Puroikic GB170
0.0    1
Name: count, dtype: int64
*** ----> Mruic GB170
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Karenic GB170
0.0    7
Name: count, dtype: int64
**** --------> Central Karen GB170
0.0    2
Name: count, dtype: int64
**** --------> Northern Karen GB170
0.0    3
Name: count, dtype: int64
**** --------> Southern Karen GB170
0.0    1
Name: count, dtype: int64
**** --------> Peripheral Karen GB170
0.0    1
Name: count, dtype: int64
*** ----> Kman-Meyor GB170
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nungish GB170
0.0    2
Name: count, dtype: int64
**** --------> Gunong GB170
0.0    2
Name: count, dtype: int64
```

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==============================

** Indo-European GB170
1.0    119
0.0     52
Name: count, dtype: int64
*** ----> Classical Indo-European GB170
1.0    117
0.0     52
Name: count, dtype: int64
**** --------> Indo-Iranian GB170
1.0    50
0.0    29
Name: count, dtype: int64
**** --------> Italic GB170
1.0    26
0.0     2
Name: count, dtype: int64
**** --------> Graeco-Phrygian GB170
1.0     4
Name: count, dtype: int64
**** --------> Balto-Slavic GB170
1.0    14
Name: count, dtype: int64
**** --------> Armenic GB170
0.0     3
Name: count, dtype: int64
**** --------> Germanic GB170
0.0    17
1.0    15
Name: count, dtype: int64
**** --------> Tokharian GB170
1.0     2
Name: count, dtype: int64
**** --------> Albanian GB170
1.0     3
Name: count, dtype: int64
**** --------> Celtic GB170
1.0     3
0.0     1
Name: count, dtype: int64
*** ----> Anatolian GB170
1.0     2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Luvo-Lydian GB170
1.0     1
Name: count, dtype: int64


==============================

** Afro-Asiatic GB170
1.0    70
0.0    44
Name: count, dtype: int64
*** ----> Chadic GB170
0.0    33
1.0    11
Name: count, dtype: int64
**** --------> Biu-Mandara GB170
0.0    19
1.0     4
Name: count, dtype: int64
**** --------> West Chadic GB170
0.0    11
1.0     3
Name: count, dtype: int64
**** --------> Masa GB170
0.0     2
Name: count, dtype: int64
```

```
****  --------> East Chadic GB170
1.0    4
0.0    1
Name: count, dtype: int64
*** ----> Cushitic GB170
1.0    20
0.0     6
Name: count, dtype: int64
****  --------> South Cushitic GB170
1.0    2
0.0    1
Name: count, dtype: int64
****  --------> East Cushitic GB170
1.0    15
0.0     4
Name: count, dtype: int64
****  --------> Agaw GB170
1.0    2
0.0    1
Name: count, dtype: int64
****  --------> nan Series([], Name: count, dtype: int64)
*** ----> Semitic GB170
1.0    31
0.0     2
Name: count, dtype: int64
****  --------> West Semitic GB170
1.0    30
0.0     2
Name: count, dtype: int64
****  --------> East Semitic GB170
1.0    1
Name: count, dtype: int64
*** ----> Berber GB170
1.0    8
0.0    2
Name: count, dtype: int64
****  --------> Tuareg GB170
1.0    3
0.0    1
Name: count, dtype: int64
****  --------> Kabyle-Atlas Berber GB170
1.0    2
Name: count, dtype: int64
****  --------> nan Series([], Name: count, dtype: int64)
****  --------> Greater Zenatic GB170
1.0    2
Name: count, dtype: int64
*** ----> Egyptian GB170
0.0    1
Name: count, dtype: int64
****  --------> nan Series([], Name: count, dtype: int64)


==============================


** Pama-Nyungan GB170
0.0    83
1.0     4
Name: count, dtype: int64
*** ----> Paman GB170
0.0    9
Name: count, dtype: int64
****  --------> Alaya-Athima GB170
0.0    2
Name: count, dtype: int64
****  --------> Compromise Middle Pama GB170
0.0    3
Name: count, dtype: int64
****  --------> Northern Pama GB170
0.0    1
Name: count, dtype: int64
****  --------> Southwest Pama GB170
0.0    2
```

```
Name: count, dtype: int64
**** --------> Mayabic GB170
0.0    1
Name: count, dtype: int64
*** ----> South-West Pama-Nyungan GB170
0.0    9
Name: count, dtype: int64
**** --------> Pilbara GB170
0.0    6
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Kartu-Nhanda GB170
0.0    2
Name: count, dtype: int64
*** ----> Desert Nyungic GB170
0.0    13
1.0    4
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Wati GB170
0.0    6
Name: count, dtype: int64
**** --------> Ngumpin-Yapa GB170
0.0    5
1.0    4
Name: count, dtype: int64
**** --------> Marrngu GB170
0.0    2
Name: count, dtype: int64
*** ----> Southeastern Pama-Nyungan GB170
0.0    15
Name: count, dtype: int64
**** --------> Victorian Pama-Nyungan GB170
0.0    5
Name: count, dtype: int64
**** --------> North Coast Pama-Nyungan GB170
0.0    4
Name: count, dtype: int64
**** --------> New South Wales Pama-Nyungan GB170
0.0    3
Name: count, dtype: int64
**** --------> Wiradhuric GB170
0.0    3
Name: count, dtype: int64
*** ----> Greater Maric GB170
0.0    6
Name: count, dtype: int64
**** --------> Guwa-Maric GB170
0.0    6
Name: count, dtype: int64
*** ----> Karnic GB170
0.0    4
Name: count, dtype: int64
**** --------> Badjiri-Eastern Karnic Series([], Name: count, dtype: int64)
**** --------> Central Karnic GB170
0.0    2
Name: count, dtype: int64
**** --------> Palku GB170
0.0    2
Name: count, dtype: int64
*** ----> Arandic-Thura-Yura GB170
0.0    7
Name: count, dtype: int64
**** --------> Arandic GB170
0.0    3
Name: count, dtype: int64
**** --------> Thura-Yura GB170
0.0    4
Name: count, dtype: int64
*** ----> Ngarna GB170
0.0    5
Name: count, dtype: int64
**** --------> Southern Ngarna GB170
0.0    5
```

Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yuulngu GB170
0.0   2
Name: count, dtype: int64
**** --------> Southern Yolngu GB170
0.0   1
Name: count, dtype: int64
**** --------> Western-Inland Yolngu GB170
0.0   1
Name: count, dtype: int64
*** ----> Yimidhirr-Yalanji-Yidinic GB170
0.0   5
Name: count, dtype: int64
**** --------> Yidinic GB170
0.0   3
Name: count, dtype: int64
**** --------> Yalandyic GB170
0.0   1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Macleay-New England GB170
0.0   1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kalkatungic GB170
0.0   2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yarli-Baagandji GB170
0.0   1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nyawaygic GB170
0.0   1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Ganaic Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Rockhampton-Gladstone GB170
0.0   1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)

==============================

* GB171 Can an adnominal demonstrative agree with the noun in noun class/gender?
** Austronesian GB171
0.0   526
1.0   10
Name: count, dtype: int64
*** ----> Malayo-Polynesian GB171
0.0   514
1.0   10
Name: count, dtype: int64
**** --------> Bima-Lembata GB171
0.0   16
Name: count, dtype: int64
**** --------> Central Luzon GB171
0.0   7
Name: count, dtype: int64
**** --------> Basap-Greater Barito GB171
0.0   15
Name: count, dtype: int64
**** --------> Eastern Malayo-Polynesian GB171
0.0   265
1.0   5
Name: count, dtype: int64

```
**** -------> Tanimbar-Bomberai GB171
0.0    2
Name: count, dtype: int64
**** -------> North Borneo Malayo-Polynesian GB171
0.0    23
Name: count, dtype: int64
**** -------> Greater Central Philippine GB171
0.0    39
Name: count, dtype: int64
**** -------> Malayo-Sumbawan GB171
0.0    39
Name: count, dtype: int64
**** -------> Celebic GB171
0.0    19
Name: count, dtype: int64
**** -------> Northern Luzon GB171
0.0    24
Name: count, dtype: int64
**** -------> Greater Seram Laut GB171
0.0    2
Name: count, dtype: int64
**** -------> Land Dayak GB171
0.0    5
Name: count, dtype: int64
**** -------> Timor-Babar GB171
0.0    16
Name: count, dtype: int64
**** -------> Batanic GB171
0.0    3
Name: count, dtype: int64
**** -------> Nunusaku GB171
0.0    7
1.0    2
Name: count, dtype: int64
**** -------> Northwest Sumatra-Barrier Islands GB171
0.0    5
Name: count, dtype: int64
**** -------> South Sulawesi GB171
0.0    6
Name: count, dtype: int64
**** -------> Javanesic GB171
0.0    3
Name: count, dtype: int64
**** -------> Aru GB171
1.0    2
Name: count, dtype: int64
**** -------> Minahasan GB171
1.0    1
Name: count, dtype: int64
**** -------> Kalamian GB171
0.0    1
Name: count, dtype: int64
**** -------> Central Timor GB171
0.0    2
Name: count, dtype: int64
**** -------> Moken-Moklen GB171
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Tolitoli GB171
0.0    1
Name: count, dtype: int64
**** -------> Bilic GB171
0.0    3
Name: count, dtype: int64
**** -------> Lampungic GB171
0.0    1
Name: count, dtype: int64
**** -------> Sangiric GB171
0.0    3
Name: count, dtype: int64
**** -------> West Central Maluku GB171
0.0    1
Name: count, dtype: int64
```

```
**** --------> North Mangyan GB171
0.0    1
Name: count, dtype: int64
*** ----> East Formosan GB171
0.0    5
Name: count, dtype: int64
**** --------> Northern East Formosan GB171
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Central East Formosan GB171
0.0    2
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Northwest Formosan GB171
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Tsouic GB171
0.0    2
Name: count, dtype: int64
**** --------> Kanakanavu-Saaroa GB171
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Atayalic GB171
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Western Plains Austronesian GB171
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)


===============================


** Atlantic-Congo GB171
1.0    222
0.0    107
Name: count, dtype: int64
*** ----> Volta-Congo GB171
1.0    205
0.0    105
Name: count, dtype: int64
**** --------> Benue-Congo GB171
1.0    191
0.0     39
Name: count, dtype: int64
**** --------> North Volta-Congo GB171
0.0    51
1.0     8
Name: count, dtype: int64
**** --------> Kwa Volta-Congo GB171
0.0    12
1.0     6
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Unclassified Volta-Congo GB171
0.0    2
Name: count, dtype: int64
*** ----> North-Central Atlantic GB171
1.0    11
Name: count, dtype: int64
**** --------> Wolof-BKK GB171
1.0    2
Name: count, dtype: int64
**** --------> Cangin GB171
1.0    1
Name: count, dtype: int64
**** --------> Central Atlantic GB171
1.0    3
Name: count, dtype: int64
```

```
**** --------> Fula-Sereer GB171
1.0    4
Name: count, dtype: int64
**** --------> Jaad GB171
1.0    1
Name: count, dtype: int64
*** ----> Mel GB171
1.0    5
0.0    2
Name: count, dtype: int64
**** --------> Northern Mel GB171
1.0    4
Name: count, dtype: int64
**** --------> Southern Mel GB171
0.0    2
1.0    1
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)


=============================


** Sino-Tibetan GB171
0.0    210
1.0      2
Name: count, dtype: int64
*** ----> Burmo-Qiangic GB171
0.0    54
Name: count, dtype: int64
**** --------> Lolo-Burmese GB171
0.0    35
Name: count, dtype: int64
**** --------> Na-Qiangic GB171
0.0    18
Name: count, dtype: int64
**** --------> Tujia GB171
0.0    1
Name: count, dtype: int64
*** ----> Bodic GB171
0.0    27
Name: count, dtype: int64
**** --------> Bodish GB171
0.0    14
Name: count, dtype: int64
**** --------> West Himalayish GB171
0.0    6
Name: count, dtype: int64
**** --------> Kaike-Ghale-Tamangic GB171
0.0    6
Name: count, dtype: int64
**** --------> Tshanglic GB171
0.0    1
Name: count, dtype: int64
*** ----> Sinitic GB171
0.0    13
Name: count, dtype: int64
**** --------> Classical-Middle-Modern Sinitic GB171
0.0    10
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Min GB171
0.0    2
Name: count, dtype: int64
*** ----> Kuki-Chin-Naga GB171
0.0    40
1.0     2
Name: count, dtype: int64
**** --------> Kuki-Chin GB171
0.0    26
Name: count, dtype: int64
**** --------> Angami-Ao GB171
0.0    6
1.0    1
```

```
Name: count, dtype: int64
**** --------> Zemeic GB171
0.0    4
Name: count, dtype: int64
**** --------> Tangkhul-Maring GB171
0.0    3
Name: count, dtype: int64
**** --------> Karbic GB171
1.0    1
0.0    1
Name: count, dtype: int64
*** ----> Himalayish GB171
0.0    28
Name: count, dtype: int64
**** --------> Mahakiranti GB171
0.0    27
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Macro-Bai GB171
0.0    3
Name: count, dtype: int64
**** --------> Baic GB171
0.0    3
Name: count, dtype: int64
*** ----> Dhimalish GB171
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Digarish GB171
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Raji-Raute GB171
0.0    1
Name: count, dtype: int64
**** --------> Raute-Rawat Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Brahmaputran GB171
0.0    14
Name: count, dtype: int64
**** --------> Konyak GB171
0.0    4
Name: count, dtype: int64
**** --------> Bodo-Garo GB171
0.0    6
Name: count, dtype: int64
**** --------> Jingpho-Luish GB171
0.0    4
Name: count, dtype: int64
*** ----> Macro-Tani GB171
0.0    8
Name: count, dtype: int64
**** --------> Tani GB171
0.0    7
Name: count, dtype: int64
**** --------> Koro-Holon GB171
0.0    1
Name: count, dtype: int64
*** ----> Miji GB171
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kho-Bwa GB171
0.0    4
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Western Kho-Bwa GB171
0.0    2
Name: count, dtype: int64
**** --------> Puroikic GB171
0.0    1
Name: count, dtype: int64
*** ----> Mruic GB171
0.0    2
```

Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Karenic GB171
0.0   7
Name: count, dtype: int64
**** --------> Central Karen GB171
0.0   2
Name: count, dtype: int64
**** --------> Northern Karen GB171
0.0   3
Name: count, dtype: int64
**** --------> Southern Karen GB171
0.0   1
Name: count, dtype: int64
**** --------> Peripheral Karen GB171
0.0   1
Name: count, dtype: int64
*** ----> Kman-Meyor GB171
0.0   2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nungish GB171
0.0   2
Name: count, dtype: int64
**** --------> Gunong GB171
0.0   2
Name: count, dtype: int64

==============================

** Indo-European GB171
1.0   96
0.0   73
Name: count, dtype: int64
*** ----> Classical Indo-European GB171
1.0   95
0.0   72
Name: count, dtype: int64
**** --------> Indo-Iranian GB171
0.0   49
1.0   32
Name: count, dtype: int64
**** --------> Italic GB171
1.0   23
0.0   2
Name: count, dtype: int64
**** --------> Graeco-Phrygian GB171
1.0   4
Name: count, dtype: int64
**** --------> Balto-Slavic GB171
1.0   14
Name: count, dtype: int64
**** --------> Armenic GB171
0.0   3
Name: count, dtype: int64
**** --------> Germanic GB171
0.0   17
1.0   14
Name: count, dtype: int64
**** --------> Tokharian GB171
1.0   2
Name: count, dtype: int64
**** --------> Albanian GB171
1.0   3
Name: count, dtype: int64
**** --------> Celtic GB171
1.0   3
0.0   1
Name: count, dtype: int64
*** ----> Anatolian GB171
1.0   1
0.0   1

```
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Luvo-Lydian GB171
0.0    1
Name: count, dtype: int64


===========================


** Afro-Asiatic GB171
1.0    72
0.0    42
Name: count, dtype: int64
*** ----> Chadic GB171
0.0    28
1.0    13
Name: count, dtype: int64
**** --------> Biu-Mandara GB171
0.0    18
1.0     3
Name: count, dtype: int64
**** --------> West Chadic GB171
0.0    9
1.0    6
Name: count, dtype: int64
**** --------> Masa GB171
1.0    1
0.0    1
Name: count, dtype: int64
**** --------> East Chadic GB171
1.0    3
Name: count, dtype: int64
*** ----> Cushitic GB171
1.0    24
0.0     4
Name: count, dtype: int64
**** --------> South Cushitic GB171
1.0    3
Name: count, dtype: int64
**** --------> East Cushitic GB171
1.0    18
0.0     3
Name: count, dtype: int64
**** --------> Agaw GB171
1.0    2
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Semitic GB171
1.0    27
0.0     7
Name: count, dtype: int64
**** --------> West Semitic GB171
1.0    26
0.0     7
Name: count, dtype: int64
**** --------> East Semitic GB171
1.0    1
Name: count, dtype: int64
*** ----> Berber GB171
1.0    7
0.0    3
Name: count, dtype: int64
**** --------> Tuareg GB171
1.0    4
Name: count, dtype: int64
**** --------> Kabyle-Atlas Berber GB171
0.0    1
1.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Greater Zenatic GB171
1.0    1
```

```
0.0    1
Name: count, dtype: int64
*** ----> Egyptian GB171
1.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)


=============================


** Pama-Nyungan GB171
0.0    73
1.0     6
Name: count, dtype: int64
*** ----> Paman GB171
0.0    9
Name: count, dtype: int64
**** -------> Alaya-Athima GB171
0.0    2
Name: count, dtype: int64
**** -------> Compromise Middle Pama GB171
0.0    3
Name: count, dtype: int64
**** -------> Northern Pama GB171
0.0    1
Name: count, dtype: int64
**** -------> Southwest Pama GB171
0.0    2
Name: count, dtype: int64
**** -------> Mayabic GB171
0.0    1
Name: count, dtype: int64
*** ----> South-West Pama-Nyungan GB171
0.0    8
Name: count, dtype: int64
**** -------> Pilbara GB171
0.0    6
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Kartu-Nhanda GB171
0.0    1
Name: count, dtype: int64
*** ----> Desert Nyungic GB171
0.0    12
1.0     4
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Wati GB171
0.0    6
Name: count, dtype: int64
**** -------> Ngumpin-Yapa GB171
0.0    4
1.0    4
Name: count, dtype: int64
**** -------> Marrngu GB171
0.0    2
Name: count, dtype: int64
*** ----> Southeastern Pama-Nyungan GB171
0.0    14
Name: count, dtype: int64
**** -------> Victorian Pama-Nyungan GB171
0.0    5
Name: count, dtype: int64
**** -------> North Coast Pama-Nyungan GB171
0.0    4
Name: count, dtype: int64
**** -------> New South Wales Pama-Nyungan GB171
0.0    3
Name: count, dtype: int64
**** -------> Wiradhuric GB171
0.0    2
Name: count, dtype: int64
*** ----> Greater Maric GB171
```

```
0.0    7
Name: count, dtype: int64
**** --------> Guwa-Maric GB171
0.0    7
Name: count, dtype: int64
*** ----> Karnic GB171
0.0    4
Name: count, dtype: int64
**** --------> Badjiri-Eastern Karnic GB171
0.0    1
Name: count, dtype: int64
**** --------> Central Karnic GB171
0.0    1
Name: count, dtype: int64
**** --------> Palku GB171
0.0    2
Name: count, dtype: int64
*** ----> Arandic-Thura-Yura GB171
0.0    6
Name: count, dtype: int64
**** --------> Arandic GB171
0.0    3
Name: count, dtype: int64
**** --------> Thura-Yura GB171
0.0    3
Name: count, dtype: int64
*** ----> Ngarna GB171
0.0    2
Name: count, dtype: int64
**** --------> Southern Ngarna GB171
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yuulngu GB171
1.0    1
0.0    1
Name: count, dtype: int64
**** --------> Southern Yolngu GB171
1.0    1
Name: count, dtype: int64
**** --------> Western-Inland Yolngu GB171
0.0    1
Name: count, dtype: int64
*** ----> Yimidhirr-Yalanji-Yidinic GB171
0.0    3
Name: count, dtype: int64
**** --------> Yidinic GB171
0.0    1
Name: count, dtype: int64
**** --------> Yalandyic GB171
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Macleay-New England GB171
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kalkatungic GB171
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yarli-Baagandji GB171
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nyawaygic GB171
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Ganaic Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Rockhampton-Gladstone GB171
1.0    1
```

```
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)


============================


* GB172 Can an article agree with the noun in noun class/gender?
** Austronesian GB172
0.0    518
1.0     29
Name: count, dtype: int64
*** ----> Malayo-Polynesian GB172
0.0    507
1.0     29
Name: count, dtype: int64
**** -------> Bima-Lembata GB172
0.0    16
Name: count, dtype: int64
**** -------> Central Luzon GB172
0.0    6
Name: count, dtype: int64
**** -------> Basap-Greater Barito GB172
0.0    15
Name: count, dtype: int64
**** -------> Eastern Malayo-Polynesian GB172
0.0    265
1.0     19
Name: count, dtype: int64
**** -------> Tanimbar-Bomberai GB172
0.0    2
Name: count, dtype: int64
**** -------> North Borneo Malayo-Polynesian GB172
0.0    25
Name: count, dtype: int64
**** -------> Greater Central Philippine GB172
0.0    30
1.0     7
Name: count, dtype: int64
**** -------> Malayo-Sumbawan GB172
0.0    39
Name: count, dtype: int64
**** -------> Celebic GB172
0.0    19
Name: count, dtype: int64
**** -------> Northern Luzon GB172
0.0    23
1.0     3
Name: count, dtype: int64
**** -------> Greater Seram Laut GB172
0.0    2
Name: count, dtype: int64
**** -------> Land Dayak GB172
0.0    5
Name: count, dtype: int64
**** -------> Timor-Babar GB172
0.0    15
Name: count, dtype: int64
**** -------> Batanic GB172
0.0    3
Name: count, dtype: int64
**** -------> Nunusaku GB172
0.0    6
Name: count, dtype: int64
**** -------> Northwest Sumatra-Barrier Islands GB172
0.0    5
Name: count, dtype: int64
**** -------> South Sulawesi GB172
0.0    6
Name: count, dtype: int64
**** -------> Javanesic GB172
```

```
0.0    3
Name: count, dtype: int64
**** --------> Aru GB172
0.0    2
Name: count, dtype: int64
**** --------> Minahasan GB172
0.0    2
Name: count, dtype: int64
**** --------> Kalamian GB172
0.0    1
Name: count, dtype: int64
**** --------> Central Timor GB172
0.0    2
Name: count, dtype: int64
**** --------> Moken-Moklen GB172
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Tolitoli GB172
0.0    1
Name: count, dtype: int64
**** --------> Bilic GB172
0.0    3
Name: count, dtype: int64
**** --------> Lampungic GB172
0.0    1
Name: count, dtype: int64
**** --------> Sangiric GB172
0.0    3
Name: count, dtype: int64
**** --------> West Central Maluku GB172
0.0    1
Name: count, dtype: int64
**** --------> North Mangyan GB172
0.0    1
Name: count, dtype: int64
*** ----> East Formosan GB172
0.0    5
Name: count, dtype: int64
**** --------> Northern East Formosan GB172
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Central East Formosan GB172
0.0    2
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Northwest Formosan GB172
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Tsouic GB172
0.0    2
Name: count, dtype: int64
**** --------> Kanakanavu-Saaroa GB172
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Atayalic Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Western Plains Austronesian GB172
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)


=============================


** Atlantic-Congo GB172
0.0    258
1.0     55
Name: count, dtype: int64
*** ----> Volta-Congo GB172
```

```
0.0    251
1.0     44
Name: count, dtype: int64
**** -------> Benue-Congo GB172
0.0    183
1.0     32
Name: count, dtype: int64
**** -------> North Volta-Congo GB172
0.0    52
1.0     7
Name: count, dtype: int64
**** -------> Kwa Volta-Congo GB172
0.0    13
1.0     5
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Unclassified Volta-Congo GB172
0.0    2
Name: count, dtype: int64
*** ----> North-Central Atlantic GB172
1.0    7
0.0    3
Name: count, dtype: int64
**** -------> Wolof-BKK GB172
1.0    1
0.0    1
Name: count, dtype: int64
**** -------> Cangin GB172
1.0    1
Name: count, dtype: int64
**** -------> Central Atlantic GB172
0.0    1
1.0    1
Name: count, dtype: int64
**** -------> Fula-Sereer GB172
1.0    4
Name: count, dtype: int64
**** -------> Jaad GB172
0.0    1
Name: count, dtype: int64
*** ----> Mel GB172
1.0    4
0.0    3
Name: count, dtype: int64
**** -------> Northern Mel GB172
1.0    3
0.0    1
Name: count, dtype: int64
**** -------> Southern Mel GB172
0.0    2
1.0    1
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)


=============================


** Sino-Tibetan GB172
0.0    208
Name: count, dtype: int64
*** ----> Burmo-Qiangic GB172
0.0    54
Name: count, dtype: int64
**** -------> Lolo-Burmese GB172
0.0    35
Name: count, dtype: int64
**** -------> Na-Qiangic GB172
0.0    18
Name: count, dtype: int64
**** -------> Tujia GB172
0.0    1
Name: count, dtype: int64
*** ----> Bodic GB172
```

```
0.0    27
Name: count, dtype: int64
**** --------> Bodish GB172
0.0    14
Name: count, dtype: int64
**** --------> West Himalayish GB172
0.0    6
Name: count, dtype: int64
**** --------> Kaike-Ghale-Tamangic GB172
0.0    6
Name: count, dtype: int64
**** --------> Tshanglic GB172
0.0    1
Name: count, dtype: int64
*** ----> Sinitic GB172
0.0    13
Name: count, dtype: int64
**** --------> Classical-Middle-Modern Sinitic GB172
0.0    10
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Min GB172
0.0    2
Name: count, dtype: int64
*** ----> Kuki-Chin-Naga GB172
0.0    39
Name: count, dtype: int64
**** --------> Kuki-Chin GB172
0.0    25
Name: count, dtype: int64
**** --------> Angami-Ao GB172
0.0    7
Name: count, dtype: int64
**** --------> Zemeic GB172
0.0    4
Name: count, dtype: int64
**** --------> Tangkhul-Maring GB172
0.0    3
Name: count, dtype: int64
**** --------> Karbic Series([], Name: count, dtype: int64)
*** ----> Himalayish GB172
0.0    27
Name: count, dtype: int64
**** --------> Mahakiranti GB172
0.0    26
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Macro-Bai GB172
0.0    3
Name: count, dtype: int64
**** --------> Baic GB172
0.0    3
Name: count, dtype: int64
*** ----> Dhimalish GB172
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Digarish GB172
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Raji-Raute GB172
0.0    2
Name: count, dtype: int64
**** --------> Raute-Rawat GB172
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Brahmaputran GB172
0.0    14
Name: count, dtype: int64
**** --------> Konyak GB172
0.0    4
Name: count, dtype: int64
```

```
**** -------> Bodo-Garo GB172
0.0    6
Name: count, dtype: int64
**** -------> Jingpho-Luish GB172
0.0    4
Name: count, dtype: int64
*** ----> Macro-Tani GB172
0.0    8
Name: count, dtype: int64
**** -------> Tani GB172
0.0    7
Name: count, dtype: int64
**** -------> Koro-Holon GB172
0.0    1
Name: count, dtype: int64
*** ----> Miji GB172
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Kho-Bwa GB172
0.0    3
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Western Kho-Bwa GB172
0.0    2
Name: count, dtype: int64
**** -------> Puroikic GB172
0.0    1
Name: count, dtype: int64
*** ----> Mruic GB172
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Karenic GB172
0.0    7
Name: count, dtype: int64
**** -------> Central Karen GB172
0.0    2
Name: count, dtype: int64
**** -------> Northern Karen GB172
0.0    3
Name: count, dtype: int64
**** -------> Southern Karen GB172
0.0    1
Name: count, dtype: int64
**** -------> Peripheral Karen GB172
0.0    1
Name: count, dtype: int64
*** ----> Kman-Meyor GB172
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Nungish GB172
0.0    2
Name: count, dtype: int64
**** -------> Gunong GB172
0.0    2
Name: count, dtype: int64


==============================


** Indo-European GB172
0.0    111
1.0     58
Name: count, dtype: int64
*** ----> Classical Indo-European GB172
0.0    109
1.0     58
Name: count, dtype: int64
**** -------> Indo-Iranian GB172
0.0    67
1.0    12
```

```
Name: count, dtype: int64
**** --------> Italic GB172
1.0    22
0.0     5
Name: count, dtype: int64
**** --------> Graeco-Phrygian GB172
1.0    3
Name: count, dtype: int64
**** --------> Balto-Slavic GB172
0.0    12
1.0     2
Name: count, dtype: int64
**** --------> Armenic GB172
0.0    3
Name: count, dtype: int64
**** --------> Germanic GB172
0.0    18
1.0    14
Name: count, dtype: int64
**** --------> Tokharian GB172
0.0    2
Name: count, dtype: int64
**** --------> Albanian GB172
1.0    3
Name: count, dtype: int64
**** --------> Celtic GB172
1.0    2
0.0    2
Name: count, dtype: int64
*** ----> Anatolian GB172
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Luvo-Lydian GB172
0.0    1
Name: count, dtype: int64


=============================


** Afro-Asiatic GB172
0.0    80
1.0    33
Name: count, dtype: int64
*** ----> Chadic GB172
0.0    35
1.0    10
Name: count, dtype: int64
**** --------> Biu-Mandara GB172
0.0    20
1.0     4
Name: count, dtype: int64
**** --------> West Chadic GB172
0.0    13
1.0     4
Name: count, dtype: int64
**** --------> Masa GB172
1.0    1
0.0    1
Name: count, dtype: int64
**** --------> East Chadic GB172
1.0    1
0.0    1
Name: count, dtype: int64
*** ----> Cushitic GB172
0.0    13
1.0    11
Name: count, dtype: int64
**** --------> South Cushitic GB172
0.0    2
1.0    1
Name: count, dtype: int64
**** --------> East Cushitic GB172
```

```
0.0    9
1.0    8
Name: count, dtype: int64
**** -------> Agaw GB172
0.0    2
1.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Semitic GB172
0.0    28
1.0     6
Name: count, dtype: int64
**** -------> West Semitic GB172
0.0    27
1.0     6
Name: count, dtype: int64
**** -------> East Semitic GB172
0.0    1
Name: count, dtype: int64
*** ----> Berber GB172
1.0    5
0.0    4
Name: count, dtype: int64
**** -------> Tuareg GB172
1.0    4
Name: count, dtype: int64
**** -------> Kabyle-Atlas Berber GB172
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Greater Zenatic GB172
0.0    1
1.0    1
Name: count, dtype: int64
*** ----> Egyptian GB172
1.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)


==============================


** Pama-Nyungan GB172
0.0    81
Name: count, dtype: int64
*** ----> Paman GB172
0.0    9
Name: count, dtype: int64
**** -------> Alaya-Athima GB172
0.0    2
Name: count, dtype: int64
**** -------> Compromise Middle Pama GB172
0.0    3
Name: count, dtype: int64
**** -------> Northern Pama GB172
0.0    1
Name: count, dtype: int64
**** -------> Southwest Pama GB172
0.0    2
Name: count, dtype: int64
**** -------> Mayabic GB172
0.0    1
Name: count, dtype: int64
*** ----> South-West Pama-Nyungan GB172
0.0    8
Name: count, dtype: int64
**** -------> Pilbara GB172
0.0    6
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Kartu-Nhanda GB172
0.0    1
Name: count, dtype: int64
```

```
*** ----> Desert Nyungic GB172
0.0   17
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Wati GB172
0.0   6
Name: count, dtype: int64
**** --------> Ngumpin-Yapa GB172
0.0   9
Name: count, dtype: int64
**** --------> Marrngu GB172
0.0   2
Name: count, dtype: int64
*** ----> Southeastern Pama-Nyungan GB172
0.0   14
Name: count, dtype: int64
**** --------> Victorian Pama-Nyungan GB172
0.0   5
Name: count, dtype: int64
**** --------> North Coast Pama-Nyungan GB172
0.0   4
Name: count, dtype: int64
**** --------> New South Wales Pama-Nyungan GB172
0.0   3
Name: count, dtype: int64
**** --------> Wiradhuric GB172
0.0   2
Name: count, dtype: int64
*** ----> Greater Maric GB172
0.0   7
Name: count, dtype: int64
**** --------> Guwa-Maric GB172
0.0   7
Name: count, dtype: int64
*** ----> Karnic GB172
0.0   4
Name: count, dtype: int64
**** --------> Badjiri-Eastern Karnic GB172
0.0   1
Name: count, dtype: int64
**** --------> Central Karnic GB172
0.0   1
Name: count, dtype: int64
**** --------> Palku GB172
0.0   2
Name: count, dtype: int64
*** ----> Arandic-Thura-Yura GB172
0.0   7
Name: count, dtype: int64
**** --------> Arandic GB172
0.0   3
Name: count, dtype: int64
**** --------> Thura-Yura GB172
0.0   4
Name: count, dtype: int64
*** ----> Ngarna GB172
0.0   3
Name: count, dtype: int64
**** --------> Southern Ngarna GB172
0.0   3
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yuulngu GB172
0.0   2
Name: count, dtype: int64
**** --------> Southern Yolngu GB172
0.0   1
Name: count, dtype: int64
**** --------> Western-Inland Yolngu GB172
0.0   1
Name: count, dtype: int64
*** ----> Yimidhirr-Yalanji-Yidinic GB172
0.0   3
Name: count, dtype: int64
```

```
**** --------> Yidinic GB172
0.0    1
Name: count, dtype: int64
**** --------> Yalandyic GB172
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Macleay-New England GB172
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kalkatungic GB172
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yarli-Baagandji GB172
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nyawaygic GB172
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Ganaic Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Rockhampton-Gladstone Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)


==============================


* GB192 Is there a gender system where a noun's phonological properties are a factor in class assignment?
** Austronesian GB192
0.0    531
1.0      2
Name: count, dtype: int64
*** ----> Malayo-Polynesian GB192
0.0    520
1.0      2
Name: count, dtype: int64
**** --------> Bima-Lembata GB192
0.0    16
Name: count, dtype: int64
**** --------> Central Luzon GB192
0.0    7
Name: count, dtype: int64
**** --------> Basap-Greater Barito GB192
0.0    13
Name: count, dtype: int64
**** --------> Eastern Malayo-Polynesian GB192
0.0    274
1.0      1
Name: count, dtype: int64
**** --------> Tanimbar-Bomberai GB192
0.0    2
Name: count, dtype: int64
**** --------> North Borneo Malayo-Polynesian GB192
0.0    22
Name: count, dtype: int64
**** --------> Greater Central Philippine GB192
0.0    37
Name: count, dtype: int64
**** --------> Malayo-Sumbawan GB192
0.0    38
Name: count, dtype: int64
**** --------> Celebic GB192
0.0    18
Name: count, dtype: int64
**** --------> Northern Luzon GB192
```

```
0.0    26
Name: count, dtype: int64
**** --------> Greater Seram Laut GB192
0.0    2
Name: count, dtype: int64
**** --------> Land Dayak GB192
0.0    5
Name: count, dtype: int64
**** --------> Timor-Babar GB192
0.0    14
Name: count, dtype: int64
**** --------> Batanic GB192
0.0    3
Name: count, dtype: int64
**** --------> Nunusaku GB192
0.0    7
1.0    1
Name: count, dtype: int64
**** --------> Northwest Sumatra-Barrier Islands GB192
0.0    5
Name: count, dtype: int64
**** --------> South Sulawesi GB192
0.0    6
Name: count, dtype: int64
**** --------> Javanesic GB192
0.0    3
Name: count, dtype: int64
**** --------> Aru GB192
0.0    2
Name: count, dtype: int64
**** --------> Minahasan GB192
0.0    2
Name: count, dtype: int64
**** --------> Kalamian GB192
0.0    1
Name: count, dtype: int64
**** --------> Central Timor GB192
0.0    2
Name: count, dtype: int64
**** --------> Moken-Moklen GB192
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Tolitoli GB192
0.0    1
Name: count, dtype: int64
**** --------> Bilic GB192
0.0    3
Name: count, dtype: int64
**** --------> Lampungic GB192
0.0    1
Name: count, dtype: int64
**** --------> Sangiric GB192
0.0    3
Name: count, dtype: int64
**** --------> West Central Maluku GB192
0.0    1
Name: count, dtype: int64
**** --------> North Mangyan GB192
0.0    1
Name: count, dtype: int64
*** ----> East Formosan GB192
0.0    5
Name: count, dtype: int64
**** --------> Northern East Formosan GB192
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Central East Formosan GB192
0.0    2
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Northwest Formosan GB192
0.0    2
```

```
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Tsouic GB192
0.0    2
Name: count, dtype: int64
**** -------> Kanakanavu-Saaroa GB192
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Atayalic Series([], Name: count, dtype: int64)
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Western Plains Austronesian GB192
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)


==============================


** Atlantic-Congo GB192
0.0    241
1.0     46
Name: count, dtype: int64
*** ----> Volta-Congo GB192
0.0    229
1.0     41
Name: count, dtype: int64
**** -------> Benue-Congo GB192
0.0    164
1.0     35
Name: count, dtype: int64
**** -------> North Volta-Congo GB192
0.0    51
1.0     4
Name: count, dtype: int64
**** -------> Kwa Volta-Congo GB192
0.0    11
1.0     2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Unclassified Volta-Congo GB192
0.0    2
Name: count, dtype: int64
*** ----> North-Central Atlantic GB192
1.0    5
0.0    4
Name: count, dtype: int64
**** -------> Wolof-BKK GB192
0.0    1
1.0    1
Name: count, dtype: int64
**** -------> Cangin GB192
0.0    1
Name: count, dtype: int64
**** -------> Central Atlantic GB192
0.0    2
Name: count, dtype: int64
**** -------> Fula-Sereer GB192
1.0    4
Name: count, dtype: int64
**** -------> Jaad Series([], Name: count, dtype: int64)
*** ----> Mel GB192
0.0    7
Name: count, dtype: int64
**** -------> Northern Mel GB192
0.0    3
Name: count, dtype: int64
**** -------> Southern Mel GB192
0.0    4
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)
```

```
===============================

** Sino-Tibetan GB192
0.0    210
Name: count, dtype: int64
*** ----> Burmo-Qiangic GB192
0.0    53
Name: count, dtype: int64
**** --------> Lolo-Burmese GB192
0.0    34
Name: count, dtype: int64
**** --------> Na-Qiangic GB192
0.0    18
Name: count, dtype: int64
**** --------> Tujia GB192
0.0    1
Name: count, dtype: int64
*** ----> Bodic GB192
0.0    27
Name: count, dtype: int64
**** --------> Bodish GB192
0.0    14
Name: count, dtype: int64
**** --------> West Himalayish GB192
0.0    6
Name: count, dtype: int64
**** --------> Kaike-Ghale-Tamangic GB192
0.0    6
Name: count, dtype: int64
**** --------> Tshanglic GB192
0.0    1
Name: count, dtype: int64
*** ----> Sinitic GB192
0.0    13
Name: count, dtype: int64
**** --------> Classical-Middle-Modern Sinitic GB192
0.0    10
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Min GB192
0.0    2
Name: count, dtype: int64
*** ----> Kuki-Chin-Naga GB192
0.0    40
Name: count, dtype: int64
**** --------> Kuki-Chin GB192
0.0    24
Name: count, dtype: int64
**** --------> Angami-Ao GB192
0.0    7
Name: count, dtype: int64
**** --------> Zemeic GB192
0.0    4
Name: count, dtype: int64
**** --------> Tangkhul-Maring GB192
0.0    3
Name: count, dtype: int64
**** --------> Karbic GB192
0.0    2
Name: count, dtype: int64
*** ----> Himalayish GB192
0.0    28
Name: count, dtype: int64
**** --------> Mahakiranti GB192
0.0    27
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Macro-Bai GB192
0.0    3
Name: count, dtype: int64
**** --------> Baic GB192
0.0    3
Name: count, dtype: int64
```

```
*** ----> Dhimalish GB192
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Digarish GB192
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Raji-Raute GB192
0.0    2
Name: count, dtype: int64
**** --------> Raute-Rawat GB192
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Brahmaputran GB192
0.0    14
Name: count, dtype: int64
**** --------> Konyak GB192
0.0    4
Name: count, dtype: int64
**** --------> Bodo-Garo GB192
0.0    6
Name: count, dtype: int64
**** --------> Jingpho-Luish GB192
0.0    4
Name: count, dtype: int64
*** ----> Macro-Tani GB192
0.0    8
Name: count, dtype: int64
**** --------> Tani GB192
0.0    7
Name: count, dtype: int64
**** --------> Koro-Holon GB192
0.0    1
Name: count, dtype: int64
*** ----> Miji GB192
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kho-Bwa GB192
0.0    4
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Western Kho-Bwa GB192
0.0    2
Name: count, dtype: int64
**** --------> Puroikic GB192
0.0    1
Name: count, dtype: int64
*** ----> Mruic GB192
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Karenic GB192
0.0    7
Name: count, dtype: int64
**** --------> Central Karen GB192
0.0    2
Name: count, dtype: int64
**** --------> Northern Karen GB192
0.0    3
Name: count, dtype: int64
**** --------> Southern Karen GB192
0.0    1
Name: count, dtype: int64
**** --------> Peripheral Karen GB192
0.0    1
Name: count, dtype: int64
*** ----> Kman-Meyor GB192
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nungish GB192
```

```
0.0    2
Name: count, dtype: int64
**** --------> Gunong GB192
0.0    2
Name: count, dtype: int64


============================


** Indo-European GB192
0.0    104
1.0     66
Name: count, dtype: int64
*** ----> Classical Indo-European GB192
0.0    102
1.0     66
Name: count, dtype: int64
**** --------> Indo-Iranian GB192
0.0    57
1.0    23
Name: count, dtype: int64
**** --------> Italic GB192
1.0    20
0.0     7
Name: count, dtype: int64
**** --------> Graeco-Phrygian GB192
0.0    3
1.0    1
Name: count, dtype: int64
**** --------> Balto-Slavic GB192
1.0    12
0.0     2
Name: count, dtype: int64
**** --------> Armenic GB192
0.0    3
Name: count, dtype: int64
**** --------> Germanic GB192
0.0    26
1.0     5
Name: count, dtype: int64
**** --------> Tokharian GB192
0.0    2
Name: count, dtype: int64
**** --------> Albanian GB192
1.0    2
0.0    1
Name: count, dtype: int64
**** --------> Celtic GB192
1.0    3
0.0    1
Name: count, dtype: int64
*** ----> Anatolian GB192
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Luvo-Lydian GB192
0.0    1
Name: count, dtype: int64


============================


** Afro-Asiatic GB192
0.0    82
1.0    32
Name: count, dtype: int64
*** ----> Chadic GB192
0.0    39
1.0     4
Name: count, dtype: int64
**** --------> Biu-Mandara GB192
0.0    19
```

```
1.0     2
Name: count, dtype: int64
**** --------> West Chadic GB192
0.0    14
1.0     2
Name: count, dtype: int64
**** -------> Masa GB192
0.0    2
Name: count, dtype: int64
**** -------> East Chadic GB192
0.0    4
Name: count, dtype: int64
*** ----> Cushitic GB192
0.0    19
1.0     7
Name: count, dtype: int64
**** -------> South Cushitic GB192
0.0    2
1.0    1
Name: count, dtype: int64
**** -------> East Cushitic GB192
0.0    13
1.0     6
Name: count, dtype: int64
**** -------> Agaw GB192
0.0    3
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Semitic GB192
0.0    18
1.0    16
Name: count, dtype: int64
**** -------> West Semitic GB192
0.0    18
1.0    15
Name: count, dtype: int64
**** -------> East Semitic GB192
1.0     1
Name: count, dtype: int64
*** ----> Berber GB192
1.0    5
0.0    5
Name: count, dtype: int64
**** -------> Tuareg GB192
1.0    2
0.0    2
Name: count, dtype: int64
**** -------> Kabyle-Atlas Berber GB192
0.0    1
1.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Greater Zenatic GB192
1.0    1
0.0    1
Name: count, dtype: int64
*** ----> Egyptian GB192
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)


==============================


** Pama-Nyungan GB192
0.0    79
Name: count, dtype: int64
*** ----> Paman GB192
0.0    9
Name: count, dtype: int64
**** -------> Alaya-Athima GB192
0.0    2
Name: count, dtype: int64
```

```
**** -------> Compromise Middle Pama GB192
0.0    3
Name: count, dtype: int64
**** -------> Northern Pama GB192
0.0    1
Name: count, dtype: int64
**** -------> Southwest Pama GB192
0.0    2
Name: count, dtype: int64
**** -------> Mayabic GB192
0.0    1
Name: count, dtype: int64
*** ----> South-West Pama-Nyungan GB192
0.0    8
Name: count, dtype: int64
**** -------> Pilbara GB192
0.0    6
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Kartu-Nhanda GB192
0.0    1
Name: count, dtype: int64
*** ----> Desert Nyungic GB192
0.0    16
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Wati GB192
0.0    6
Name: count, dtype: int64
**** -------> Ngumpin-Yapa GB192
0.0    8
Name: count, dtype: int64
**** -------> Marrngu GB192
0.0    2
Name: count, dtype: int64
*** ----> Southeastern Pama-Nyungan GB192
0.0    14
Name: count, dtype: int64
**** -------> Victorian Pama-Nyungan GB192
0.0    5
Name: count, dtype: int64
**** -------> North Coast Pama-Nyungan GB192
0.0    4
Name: count, dtype: int64
**** -------> New South Wales Pama-Nyungan GB192
0.0    3
Name: count, dtype: int64
**** -------> Wiradhuric GB192
0.0    2
Name: count, dtype: int64
*** ----> Greater Maric GB192
0.0    7
Name: count, dtype: int64
**** -------> Guwa-Maric GB192
0.0    7
Name: count, dtype: int64
*** ----> Karnic GB192
0.0    4
Name: count, dtype: int64
**** -------> Badjiri-Eastern Karnic GB192
0.0    1
Name: count, dtype: int64
**** -------> Central Karnic GB192
0.0    1
Name: count, dtype: int64
**** -------> Palku GB192
0.0    2
Name: count, dtype: int64
*** ----> Arandic-Thura-Yura GB192
0.0    7
Name: count, dtype: int64
**** -------> Arandic GB192
0.0    3
Name: count, dtype: int64
```

```
**** --------> Thura-Yura GB192
0.0    4
Name: count, dtype: int64
*** ----> Ngarna GB192
0.0    3
Name: count, dtype: int64
**** --------> Southern Ngarna GB192
0.0    3
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yuulngu GB192
0.0    1
Name: count, dtype: int64
**** --------> Southern Yolngu Series([], Name: count, dtype: int64)
**** --------> Western-Inland Yolngu GB192
0.0    1
Name: count, dtype: int64
*** ----> Yimidhirr-Yalanji-Yidinic GB192
0.0    3
Name: count, dtype: int64
**** --------> Yidinic GB192
0.0    1
Name: count, dtype: int64
**** --------> Yalandyic GB192
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Macleay-New England GB192
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kalkatungic GB192
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yarli-Baagandji GB192
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nyawaygic GB192
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Ganaic Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Rockhampton-Gladstone Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)


==============================



* GB321 Is there a large class of nouns whose noun class/gender is not phonologically or semantically
predictable?
** Austronesian GB321
0.0    508
1.0      7
Name: count, dtype: int64
*** ----> Malayo-Polynesian GB321
0.0    497
1.0      7
Name: count, dtype: int64
**** --------> Bima-Lembata GB321
0.0    16
Name: count, dtype: int64
**** --------> Central Luzon GB321
0.0    6
Name: count, dtype: int64
**** --------> Basap-Greater Barito GB321
0.0    12
```

```
Name: count, dtype: int64
**** -------> Eastern Malayo-Polynesian GB321
0.0    256
1.0      6
Name: count, dtype: int64
**** -------> Tanimbar-Bomberai GB321
0.0    2
Name: count, dtype: int64
**** -------> North Borneo Malayo-Polynesian GB321
0.0    23
Name: count, dtype: int64
**** -------> Greater Central Philippine GB321
0.0    37
Name: count, dtype: int64
**** -------> Malayo-Sumbawan GB321
0.0    37
Name: count, dtype: int64
**** -------> Celebic GB321
0.0    16
Name: count, dtype: int64
**** -------> Northern Luzon GB321
0.0    25
Name: count, dtype: int64
**** -------> Greater Seram Laut GB321
0.0    3
Name: count, dtype: int64
**** -------> Land Dayak GB321
0.0    4
Name: count, dtype: int64
**** -------> Timor-Babar GB321
0.0    15
Name: count, dtype: int64
**** -------> Batanic GB321
0.0    3
Name: count, dtype: int64
**** -------> Nunusaku GB321
0.0    7
Name: count, dtype: int64
**** -------> Northwest Sumatra-Barrier Islands GB321
0.0    5
Name: count, dtype: int64
**** -------> South Sulawesi GB321
0.0    6
Name: count, dtype: int64
**** -------> Javanesic GB321
0.0    3
Name: count, dtype: int64
**** -------> Aru GB321
1.0    1
0.0    1
Name: count, dtype: int64
**** -------> Minahasan GB321
0.0    2
Name: count, dtype: int64
**** -------> Kalamian GB321
0.0    1
Name: count, dtype: int64
**** -------> Central Timor GB321
0.0    2
Name: count, dtype: int64
**** -------> Moken-Moklen GB321
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Tolitoli GB321
0.0    1
Name: count, dtype: int64
**** -------> Bilic GB321
0.0    3
Name: count, dtype: int64
**** -------> Lampungic GB321
0.0    1
Name: count, dtype: int64
**** -------> Sangiric GB321
```

```
0.0   3
Name: count, dtype: int64
**** -------> West Central Maluku GB321
0.0   1
Name: count, dtype: int64
**** -------> North Mangyan GB321
0.0   1
Name: count, dtype: int64
*** ----> East Formosan GB321
0.0   5
Name: count, dtype: int64
**** -------> Northern East Formosan GB321
0.0   2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Central East Formosan GB321
0.0   2
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Northwest Formosan GB321
0.0   2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Tsouic GB321
0.0   2
Name: count, dtype: int64
**** -------> Kanakanavu-Saaroa GB321
0.0   2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Atayalic Series([], Name: count, dtype: int64)
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Western Plains Austronesian GB321
0.0   1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)


==============================


** Atlantic-Congo GB321
0.0   136
1.0   132
Name: count, dtype: int64
*** ----> Volta-Congo GB321
0.0   133
1.0   124
Name: count, dtype: int64
**** -------> Benue-Congo GB321
1.0   113
0.0    80
Name: count, dtype: int64
**** -------> North Volta-Congo GB321
0.0   39
1.0   10
Name: count, dtype: int64
**** -------> Kwa Volta-Congo GB321
0.0   11
1.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Unclassified Volta-Congo GB321
0.0   2
Name: count, dtype: int64
*** ----> North-Central Atlantic GB321
1.0   2
0.0   1
Name: count, dtype: int64
**** -------> Wolof-BKK GB321
0.0   1
Name: count, dtype: int64
**** -------> Cangin GB321
1.0   1
```

```
Name: count, dtype: int64
**** -------> Central Atlantic Series([], Name: count, dtype: int64)
**** -------> Fula-Sereer Series([], Name: count, dtype: int64)
**** -------> Jaad GB321
1.0    1
Name: count, dtype: int64
*** ----> Mel GB321
1.0    6
0.0    1
Name: count, dtype: int64
**** -------> Northern Mel GB321
1.0    2
0.0    1
Name: count, dtype: int64
**** -------> Southern Mel GB321
1.0    4
Name: count, dtype: int64
*** ----> nan Series([], Name: count, dtype: int64)


=============================


** Sino-Tibetan GB321
0.0    208
1.0      1
Name: count, dtype: int64
*** ----> Burmo-Qiangic GB321
0.0    51
Name: count, dtype: int64
**** -------> Lolo-Burmese GB321
0.0    32
Name: count, dtype: int64
**** -------> Na-Qiangic GB321
0.0    18
Name: count, dtype: int64
**** -------> Tujia GB321
0.0    1
Name: count, dtype: int64
*** ----> Bodic GB321
0.0    26
1.0     1
Name: count, dtype: int64
**** -------> Bodish GB321
0.0    14
Name: count, dtype: int64
**** -------> West Himalayish GB321
0.0    6
Name: count, dtype: int64
**** -------> Kaike-Ghale-Tamangic GB321
0.0    5
1.0    1
Name: count, dtype: int64
**** -------> Tshanglic GB321
0.0    1
Name: count, dtype: int64
*** ----> Sinitic GB321
0.0    13
Name: count, dtype: int64
**** -------> Classical-Middle-Modern Sinitic GB321
0.0    10
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Min GB321
0.0    2
Name: count, dtype: int64
*** ----> Kuki-Chin-Naga GB321
0.0    41
Name: count, dtype: int64
**** -------> Kuki-Chin GB321
0.0    25
Name: count, dtype: int64
**** -------> Angami-Ao GB321
0.0    7
```

```
Name: count, dtype: int64
**** --------> Zemeic GB321
0.0    4
Name: count, dtype: int64
**** --------> Tangkhul-Maring GB321
0.0    3
Name: count, dtype: int64
**** --------> Karbic GB321
0.0    2
Name: count, dtype: int64
*** ----> Himalayish GB321
0.0    28
Name: count, dtype: int64
**** --------> Mahakiranti GB321
0.0    27
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Macro-Bai GB321
0.0    3
Name: count, dtype: int64
**** --------> Baic GB321
0.0    3
Name: count, dtype: int64
*** ----> Dhimalish GB321
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Digarish GB321
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Raji-Raute GB321
0.0    2
Name: count, dtype: int64
**** --------> Raute-Rawat GB321
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Brahmaputran GB321
0.0    14
Name: count, dtype: int64
**** --------> Konyak GB321
0.0    4
Name: count, dtype: int64
**** --------> Bodo-Garo GB321
0.0    6
Name: count, dtype: int64
**** --------> Jingpho-Luish GB321
0.0    4
Name: count, dtype: int64
*** ----> Macro-Tani GB321
0.0    8
Name: count, dtype: int64
**** --------> Tani GB321
0.0    7
Name: count, dtype: int64
**** --------> Koro-Holon GB321
0.0    1
Name: count, dtype: int64
*** ----> Miji GB321
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kho-Bwa GB321
0.0    4
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Western Kho-Bwa GB321
0.0    2
Name: count, dtype: int64
**** --------> Puroikic GB321
0.0    1
Name: count, dtype: int64
*** ----> Mruic GB321
```

```
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Karenic GB321
0.0    7
Name: count, dtype: int64
**** --------> Central Karen GB321
0.0    2
Name: count, dtype: int64
**** --------> Northern Karen GB321
0.0    3
Name: count, dtype: int64
**** --------> Southern Karen GB321
0.0    1
Name: count, dtype: int64
**** --------> Peripheral Karen GB321
0.0    1
Name: count, dtype: int64
*** ----> Kman-Meyor GB321
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nungish GB321
0.0    2
Name: count, dtype: int64
**** --------> Gunong GB321
0.0    2
Name: count, dtype: int64


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** Indo-European GB321
0.0    134
1.0     32
Name: count, dtype: int64
*** ----> Classical Indo-European GB321
0.0    132
1.0     32
Name: count, dtype: int64
**** --------> Indo-Iranian GB321
0.0    63
1.0    15
Name: count, dtype: int64
**** --------> Italic GB321
0.0    28
Name: count, dtype: int64
**** --------> Graeco-Phrygian GB321
1.0    3
Name: count, dtype: int64
**** --------> Balto-Slavic GB321
0.0    11
1.0     3
Name: count, dtype: int64
**** --------> Armenic GB321
0.0    3
Name: count, dtype: int64
**** --------> Germanic GB321
0.0    21
1.0     8
Name: count, dtype: int64
**** --------> Tokharian GB321
1.0    1
0.0    1
Name: count, dtype: int64
**** --------> Albanian GB321
0.0    2
1.0    1
Name: count, dtype: int64
**** --------> Celtic GB321
0.0    3
1.0    1
Name: count, dtype: int64
```

```
*** ----> Anatolian GB321
0.0    2
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
**** -------> Luvo-Lydian GB321
0.0    1
Name: count, dtype: int64


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** Afro-Asiatic GB321
0.0    70
1.0    23
Name: count, dtype: int64
*** ----> Chadic GB321
0.0    25
1.0    11
Name: count, dtype: int64
**** -------> Biu-Mandara GB321
0.0    12
1.0     6
Name: count, dtype: int64
**** -------> West Chadic GB321
0.0    10
1.0     3
Name: count, dtype: int64
**** -------> Masa GB321
1.0    1
0.0    1
Name: count, dtype: int64
**** -------> East Chadic GB321
0.0    2
1.0    1
Name: count, dtype: int64
*** ----> Cushitic GB321
0.0    11
1.0     5
Name: count, dtype: int64
**** -------> South Cushitic GB321
1.0    1
Name: count, dtype: int64
**** -------> East Cushitic GB321
0.0    8
1.0    4
Name: count, dtype: int64
**** -------> Agaw GB321
0.0    3
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
*** ----> Semitic GB321
0.0    27
1.0     5
Name: count, dtype: int64
**** -------> West Semitic GB321
0.0    27
1.0     4
Name: count, dtype: int64
**** -------> East Semitic GB321
1.0    1
Name: count, dtype: int64
*** ----> Berber GB321
0.0    6
1.0    2
Name: count, dtype: int64
**** -------> Tuareg GB321
0.0    3
1.0    1
Name: count, dtype: int64
**** -------> Kabyle-Atlas Berber GB321
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)
```

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**** --------> Greater Zenatic GB321
0.0    1
1.0    1
Name: count, dtype: int64
*** ----> Egyptian GB321
0.0    1
Name: count, dtype: int64
**** -------> nan Series([], Name: count, dtype: int64)


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** Pama-Nyungan GB321
0.0    71
Name: count, dtype: int64
*** ----> Paman GB321
0.0    4
Name: count, dtype: int64
**** --------> Alaya-Athima GB321
0.0    2
Name: count, dtype: int64
**** --------> Compromise Middle Pama GB321
0.0    1
Name: count, dtype: int64
**** --------> Northern Pama Series([], Name: count, dtype: int64)
**** --------> Southwest Pama Series([], Name: count, dtype: int64)
**** --------> Mayabic GB321
0.0    1
Name: count, dtype: int64
*** ----> South-West Pama-Nyungan GB321
0.0    8
Name: count, dtype: int64
**** --------> Pilbara GB321
0.0    6
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Kartu-Nhanda GB321
0.0    1
Name: count, dtype: int64
*** ----> Desert Nyungic GB321
0.0    16
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
**** --------> Wati GB321
0.0    6
Name: count, dtype: int64
**** --------> Ngumpin-Yapa GB321
0.0    7
Name: count, dtype: int64
**** --------> Marrngu GB321
0.0    1
Name: count, dtype: int64
*** ----> Southeastern Pama-Nyungan GB321
0.0    12
Name: count, dtype: int64
**** --------> Victorian Pama-Nyungan GB321
0.0    3
Name: count, dtype: int64
**** --------> North Coast Pama-Nyungan GB321
0.0    4
Name: count, dtype: int64
**** --------> New South Wales Pama-Nyungan GB321
0.0    3
Name: count, dtype: int64
**** --------> Wiradhuric GB321
0.0    2
Name: count, dtype: int64
*** ----> Greater Maric GB321
0.0    7
Name: count, dtype: int64
**** --------> Guwa-Maric GB321
0.0    7
Name: count, dtype: int64
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*** ----> Karnic GB321
0.0    4
Name: count, dtype: int64
**** --------> Badjiri-Eastern Karnic GB321
0.0    1
Name: count, dtype: int64
**** --------> Central Karnic GB321
0.0    1
Name: count, dtype: int64
**** --------> Palku GB321
0.0    2
Name: count, dtype: int64
*** ----> Arandic-Thura-Yura GB321
0.0    5
Name: count, dtype: int64
**** --------> Arandic GB321
0.0    2
Name: count, dtype: int64
**** --------> Thura-Yura GB321
0.0    3
Name: count, dtype: int64
*** ----> Ngarna GB321
0.0    3
Name: count, dtype: int64
**** --------> Southern Ngarna GB321
0.0    3
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yuulngu GB321
0.0    2
Name: count, dtype: int64
**** --------> Southern Yolngu GB321
0.0    1
Name: count, dtype: int64
**** --------> Western-Inland Yolngu GB321
0.0    1
Name: count, dtype: int64
*** ----> Yimidhirr-Yalanji-Yidinic GB321
0.0    3
Name: count, dtype: int64
**** --------> Yidinic GB321
0.0    1
Name: count, dtype: int64
**** --------> Yalandyic GB321
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> nan Series([], Name: count, dtype: int64)
*** ----> Macleay-New England GB321
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Kalkatungic GB321
0.0    2
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Yarli-Baagandji GB321
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Nyawaygic GB321
0.0    1
Name: count, dtype: int64
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Ganaic Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)
*** ----> Rockhampton-Gladstone Series([], Name: count, dtype: int64)
**** --------> nan Series([], Name: count, dtype: int64)


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