

# Overview of DETESTS-Dis at IberLEF 2024:

## DETEction and classification of racial STereotypes in Spanish - Learning with Disagreement

### Corpus

Composed of two Spanish corpus:

#### 1. DETESTS

- ❖ Source: News comments
- ❖ Instance: Individual sentence

#### 2. StereoHoax-es

- ❖ Source: Twitter posts
- ❖ Instance: Full post

AVAILABLE ON:  
CLIC-UB/DETESTS-DIS

|               | DETESTS | StereoHoax-ES |
|---------------|---------|---------------|
| Total         | 6,762   | 5,349         |
| No Stereotype | 4,840   | 3,745         |
| 0 votes       | 3,963   | 3,249         |
| 1 vote        | 877     | 496           |
| Stereotype    | 1,922   | 1,604         |
| 2 votes       | 178     | 359           |
| 3 votes       | 1744    | 1245          |
| Implicit      | 1,556   | 344           |

(1) [...] Los inmigrantes ilegales tienen más derechos que los españoles y estamos HARTOS!  
*'[...] Illegal immigrants have more rights than Spaniards and we are FED UP!'*

Stereotype

(3) Acabaremos siendo una minoría en nuestro propio país.  
*'We will end up being a minority in our own country.'*

Implicit

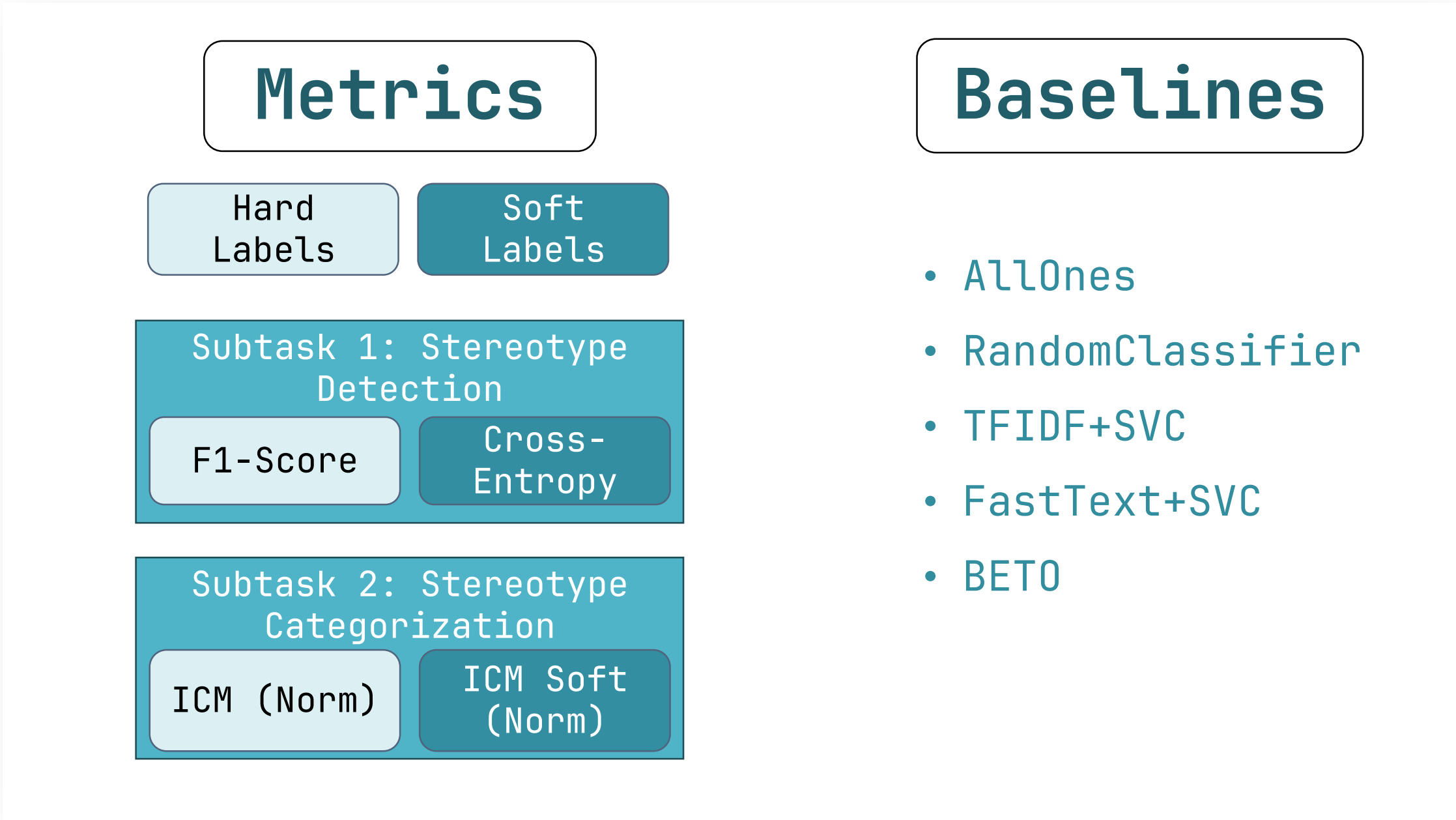
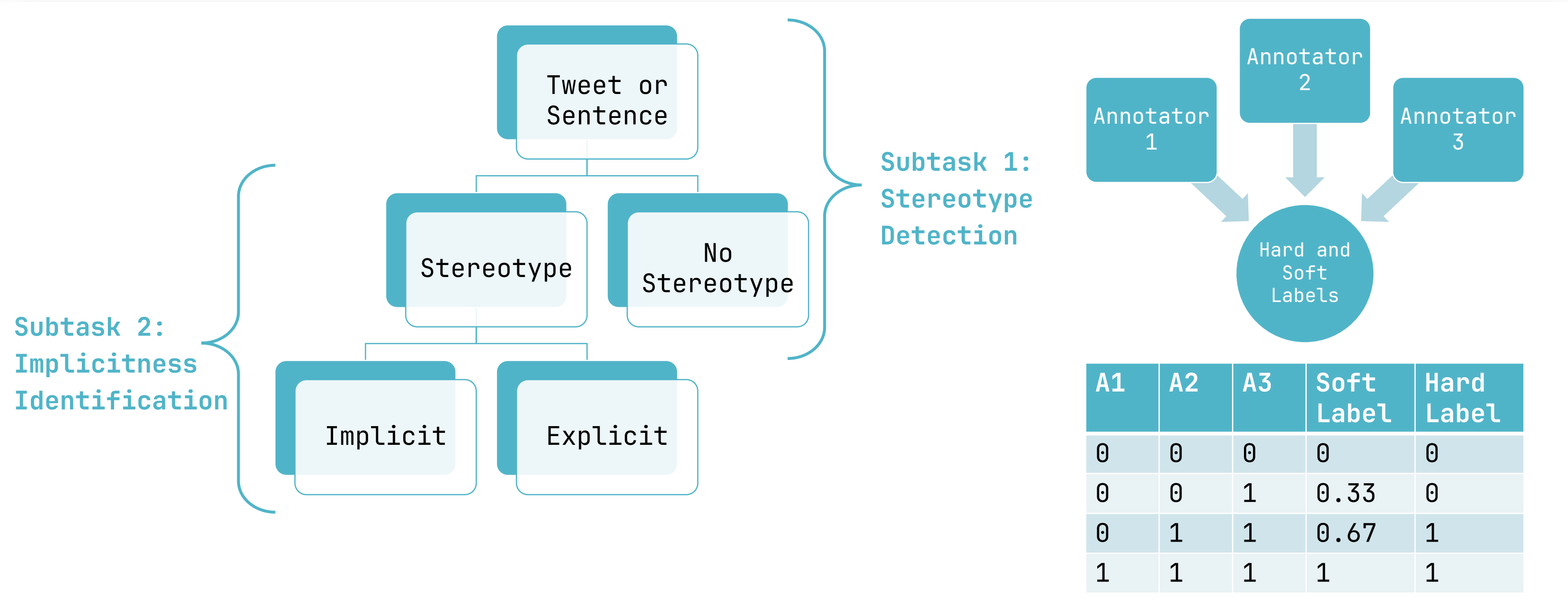
(2) De echo todos los países de mayoría musulmana tienen la sharia como fuente de derecho en mayor o menor grado, todos son teocráticos.  
*'In fact, all Muslim-majority countries have Sharia as a source of law to a greater or lesser degree, they are all theocratic.'*

No Stereotype

(4) Como no les vota ni el Tato, pretenden pillar el voto de los inmigrantes ilegales.  
*'In fact, all Muslim-majority countries have Sharia as a source of law to a greater or lesser degree, they are all theocratic.'*

Explicit

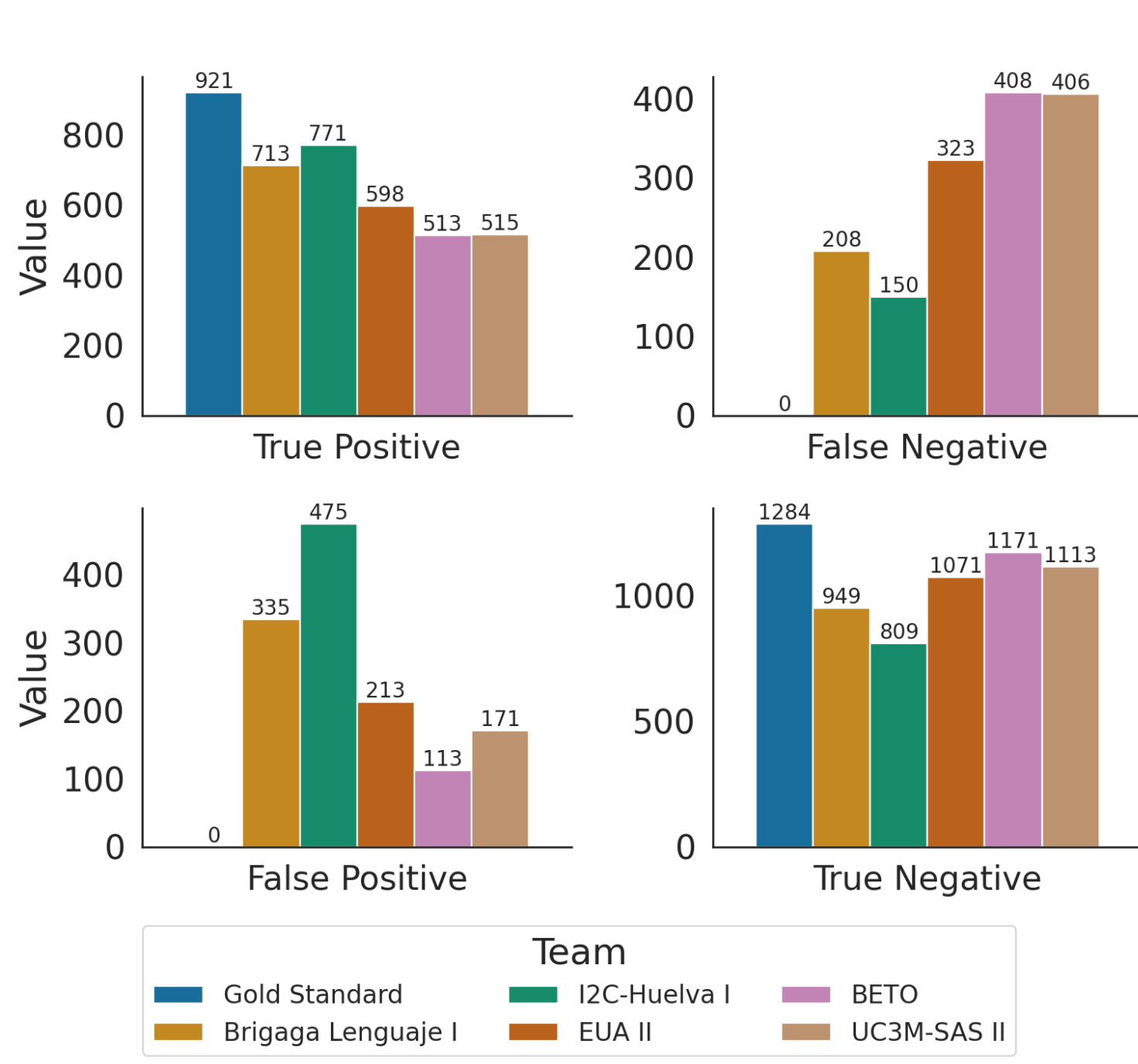
### Task



### Results

#### Subtask 1

| Rank | Team                   | F1    |
|------|------------------------|-------|
| 1    | Brigada Lenguaje I     | 0.724 |
| 2    | I2C-Huelva I           | 0.712 |
| 4    | EUA II                 | 0.691 |
|      | BETO                   | 0.663 |
| 7    | UC3M-SAS II            | 0.641 |
| 8    | TaiDepZai999_UIT_AIC I | 0.630 |
|      | AllOnes                | 0.589 |
| 12   | VINE Bias Busters I    | 0.581 |
|      | TFIDF+SVC              | 0.297 |
|      | RandomClassifier       | 0.297 |
|      | FastText+SVC           | 0.297 |
|      | AllZeros               | 0.000 |

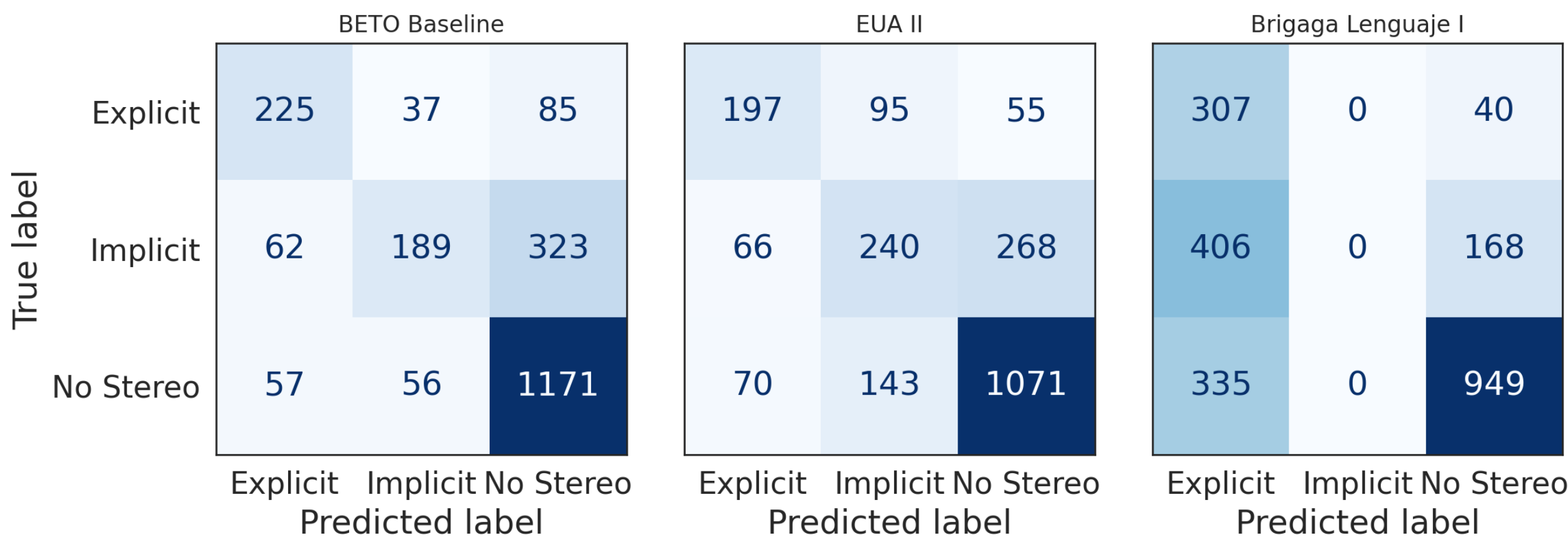


| Rank | Team               | Cross Entropy |
|------|--------------------|---------------|
| 1    | UC3M-SAS I         | 0.841         |
| 2    | EUA II             | 0.850         |
|      | BETO               | 0.893         |
| 4    | Brigada Lenguaje I | 0.938         |

#### Subtask 2

| Rank | Team               | ICM    | ICM Norm |
|------|--------------------|--------|----------|
|      | BETO               | 0.126  | 0.546    |
| 1    | EUA II             | 0.065  | 0.524    |
| 4    | Brigada Lenguaje I | -0.240 | 0.413    |
|      | TFIDF+SVC          | -0.275 | 0.400    |
|      | FastText+SVC       | -0.412 | 0.351    |
|      | AllZeros           | -0.797 | 0.211    |
|      | RandomClassifier   | -1.056 | 0.117    |
|      | AllOnes            | -1.210 | 0.061    |

| Rank | Team               | ICM-Soft | ICM-Soft Norm |
|------|--------------------|----------|---------------|
| 1    | EUA III            | -0.900   | 0.403         |
|      | BETO               | -1.124   | 0.379         |
| 4    | UC3M-SAS II        | -1.250   | 0.366         |
| 5    | Brigada Lenguaje I | -1.684   | 0.319         |



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