

Data Appendix

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Variable: filename

Definition: Name of the ASL image

Creation: Provided by original ASL dataset

Missing value: No missing values

Variable: width

Definition: Width of the entire image

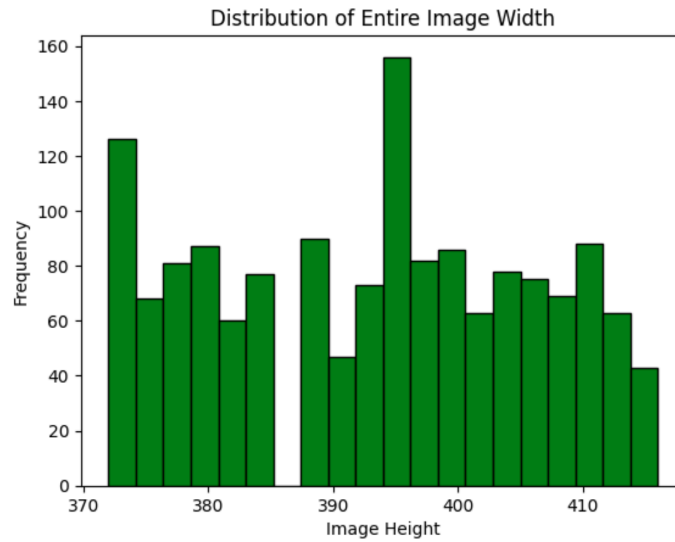
Creation: Provided by original ASL dataset

Missing value: No missing values

```
combined_annotations["width"].describe()
```

	width
count	1512.000000
mean	393.277778
std	12.550028
min	372.000000
25%	382.000000
50%	394.000000
75%	404.000000
max	416.000000

dtype: float64



Variable: height

Definition: height of the entire image

Creation: Provided by original ASL dataset

Missing value: No missing values

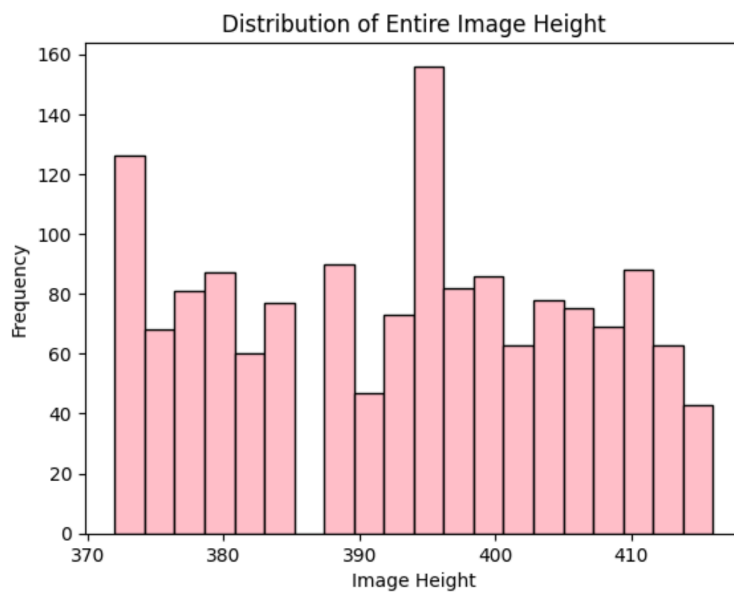
```
combined_annotations["height"].describe()
```



height

count	1512.000000
mean	393.277778
std	12.550028
min	372.000000
25%	382.000000
50%	394.000000
75%	404.000000
max	416.000000

dtype: float64



Variable: class

Definition: Letter classification of the ASL image

Creation: Provided by original ASL dataset

Missing value: No missing values

```
combined_annotations["class"].describe()
```



class

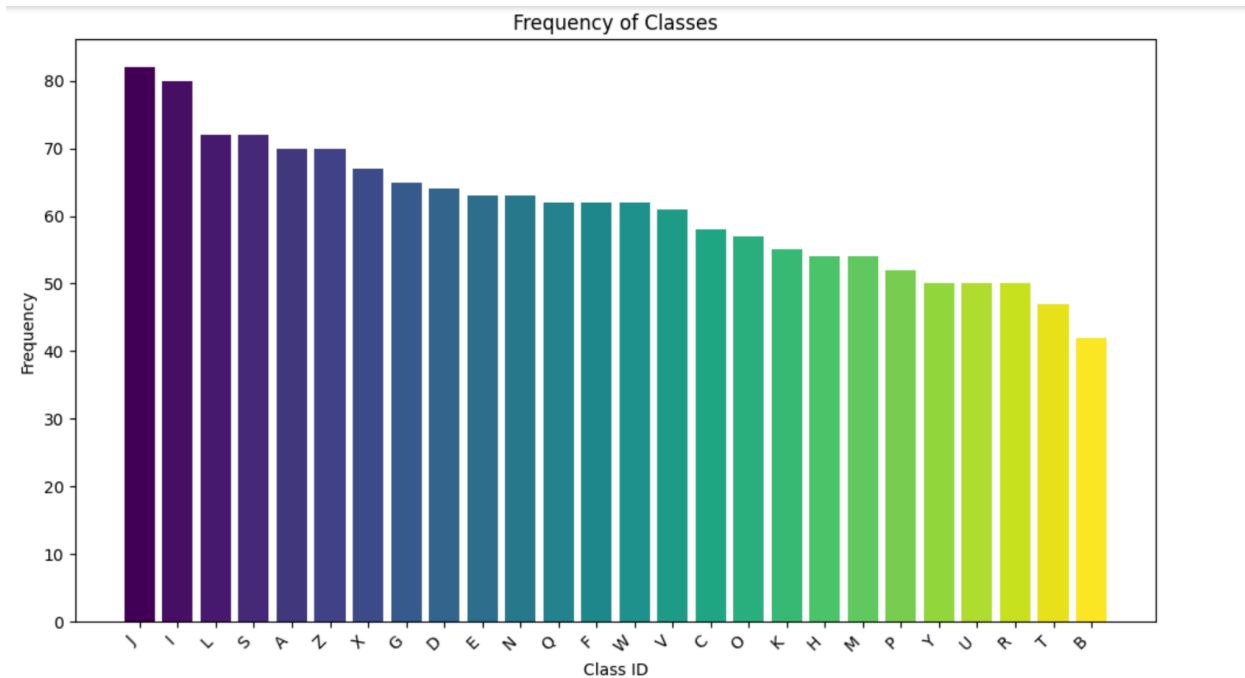
count 1512

unique 26

top J

freq 78

dtype: object



Variable: xmin

Definition: Position on the x axis of the picture where the hand configuration begins

Creation: Provided by original ASL dataset

Missing value: No missing values

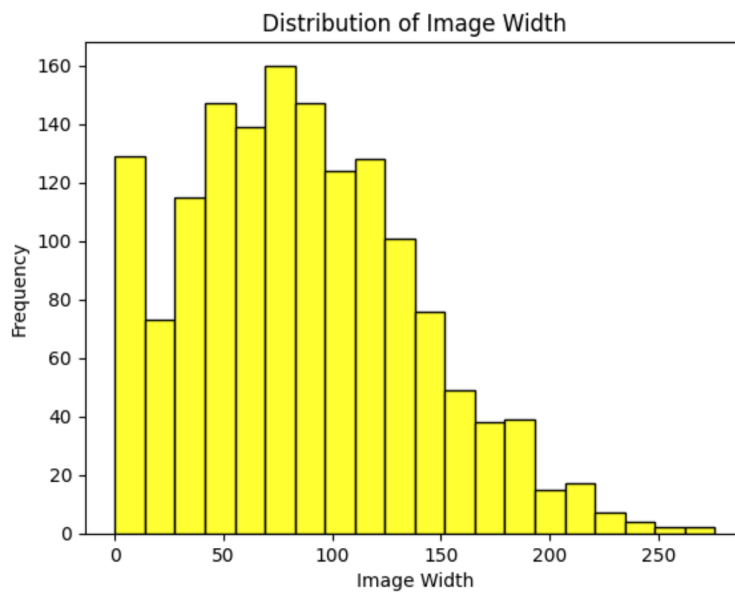
```
combined_annotations["xmin"].describe()
```



xmin

count	1512.000000
mean	86.464947
std	52.850564
min	0.000000
25%	47.750000
50%	82.000000
75%	121.000000
max	276.000000

dtype: float64



Variable: xmax

Definition: Position on the x axis of the picture where the hand configuration ends

Creation: Provided by original ASL dataset

Missing value: No missing values

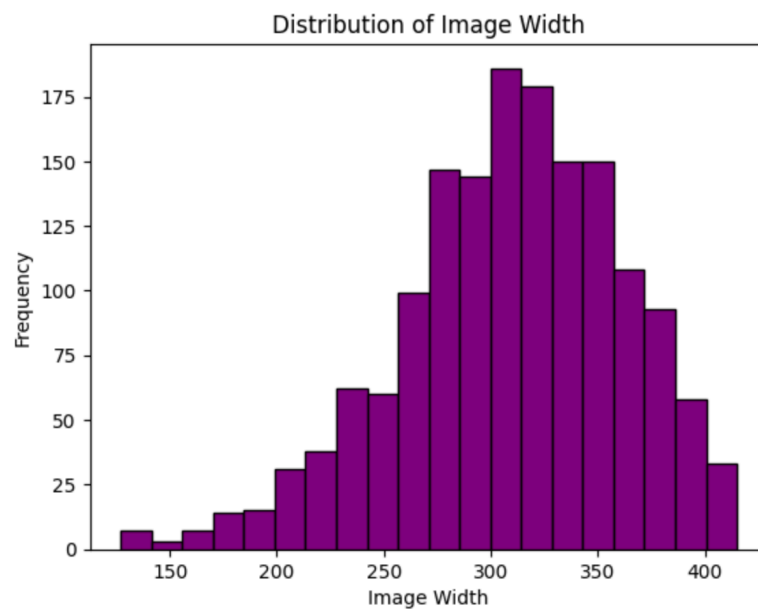
```
combined_annotations["xmax"].describe()
```



xmax

count	1512.000000
mean	308.980159
std	52.283067
min	127.000000
25%	276.000000
50%	312.000000
75%	347.000000
max	414.000000

dtype: float64



Variable: ymin

Definition: Position on the y axis of the picture where the hand configuration begins

Creation: Provided by original ASL dataset

Missing value: No missing values

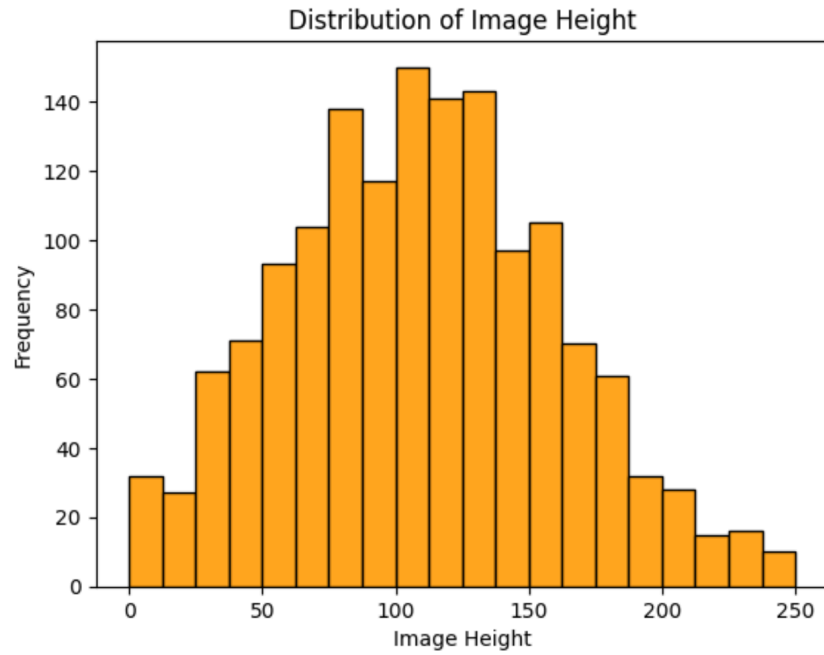
```
combined_annotations["ymin"].describe()
```



ymin

count	1512.000000
mean	109.882937
std	50.632651
min	0.000000
25%	73.750000
50%	109.000000
75%	145.000000
max	250.000000

dtype: float64



Variable: ymax

Definition: Position on the y axis of the picture where the hand configuration ends

Creation: Provided by original ASL dataset

Missing value: No missing values


```
combined_annotations["ymax"].describe()
```



ymax

count	1512.000000
mean	321.168651
std	50.133270
min	104.000000
25%	288.750000
50%	324.000000
75%	360.000000
max	415.000000

dtype: float64

