

# [Jars] Instructions

## Multi-label Image Classification


### Summary of Task

- Given an image of a jar, choose all applicable categories/states. If the image is considerably noisy or the object of specified category cannot be identified, annotate the image as ambiguous. When multiple objects are visible, annotate the most dominant object of the specified category. Note that images are captured in-the-wild and small motion blur, therefore, shouldn't be considered as noise.



### Labels & Attributes Table

Attribute	Relevant Attributes+Their Option Choices [optional]
State	Open
State	Close
State	Inhand
State	Outofhand
State	Ambiguous





### Annotation Rules












Description	Example
Some attributes are mutually exclusive i.e. can not be simultaneously applicable for the same image	Open/Close (Only one applicable)
Some attributes are mutually exclusive i.e. can not be simultaneously applicable for the same image	Inhand/Outofhand (Only one applicable)
Occlusion with the hand might hide whether the object is open or close, in that case skip annotation for both open and close. However the image can still be annotated for other attributes.	
Highly Noisy Images with blur or occlusion or where the object is not visible can be skipped	Ambiguous category is applicable

### Common Edge Cases

Edge Case	How to Handle It	Example
Multiple Objects	<p>If there are a very large number of objects, label the image as ambiguous. If two or three are visible, label by considering the most dominant and centered object.</p> <p>1. Image on the right is labelled ambiguous</p>	
Multiple Objects	<p>If there are a very large number of objects, label the image as ambiguous. If two or three are visible, label by considering the most dominant and centered object.</p> <p>1. Image on the right is labelled as open and outofhand</p>	

## Labels & Attributes Description/Examples

Labels/Attributes	Description	Example
State	Open (When the lid/cap is slightly or fully open)	   

State	Close (When the lid/cap is fully closed)	  
State	Inhand (When the hand is grasping the object)	    
State	Outofhand (When the object is not grasped by the hand)	  
State	Ambiguous (Occlusion, blur, or object not visible)	