

THE DAILY DRIP

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&
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OUR INSPO:

- Bistro Baristas
- Coffee Quality Data Set
- Arabica vs Robusta



[HTTPS://WWW.KAGGLE.COM/DATASETS/VOLPATTO/COFFEE-QUALITY-DATABASE-FROM-CQI?](https://www.kaggle.com/datasets/volpatto/coffee-quality-database-from-cqi?)

SELECT=MERGED_DATA_CLEANED.CSV

HOW MUCH COFFEE DOES EACH COUNTRY PRODUCE (KG)?



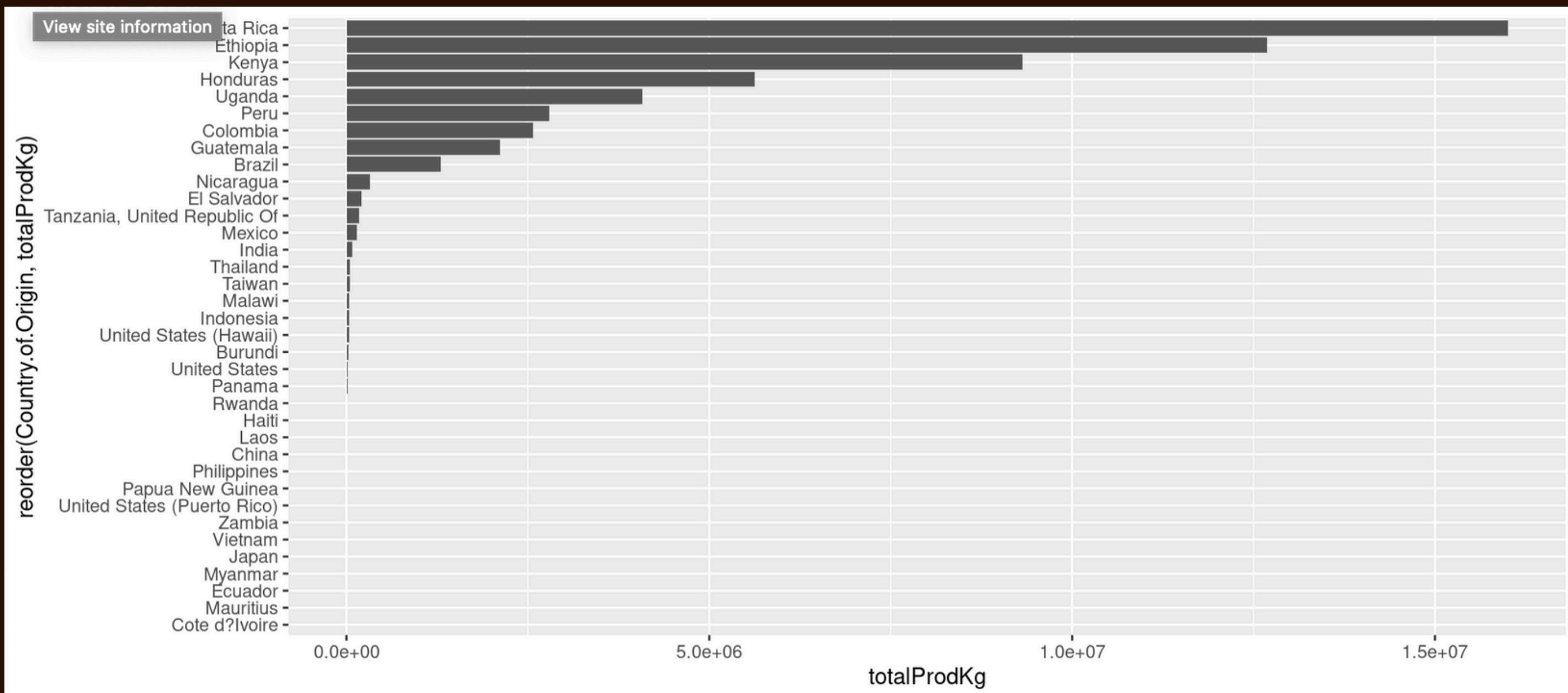
Number.of.Bags	Bag.Weight	In.Country.Partner	Harvest.Year
300	60 kg	METAD Agricultural Development plc	2014
300	60 kg	METAD Agricultural Development plc	2014
5	1	Specialty Coffee Association	METAD Agricultural Development p
320	60 kg	METAD Agricultural Development plc	2014
300	60 kg	METAD Agricultural Development plc	2014
100	30 kg	Specialty Coffee Institute of Asia	2013
100	69 kg	Specialty Coffee Institute of Asia	2012
300	60 kg	Ethiopia Commodity Exchange	March 2010
300	60 kg	Ethiopia Commodity Exchange	March 2010
50	60 kg	METAD Agricultural Development plc	2014
300	60 kg	METAD Agricultural Development plc	2014
10	1 kg	Allgemeine	2014

- **NUMBER OF BAGS PRODUCED**
- **BAG WEIGHT**
- **NUMBER**
- **UNITS**
- **CONVERT**
- **PRODUCE_KG**



Number.of.Bags	number	units	In.Country.Partner
300	60	kg	METAD Agricultural Development plc
300	60	kg	METAD Agricultural Development plc
320	60	kg	METAD Agricultural Development plc
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300	60	kg	Ethiopia Commodity Exchange
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50	60	kg	METAD Agricultural Development plc
300	60	kg	METAD Agricultural Development plc

convert	produced_kg
1.00	18000.0
1.00	18000.0
1.00	19200.0
1.00	18000.0
1.00	3000.0
1.00	6900.0
1.00	18000.0
1.00	18000.0
1.00	3000.0



WHAT ARE THE TOP 6 COUNTRIES THAT PRODUCE THE MOST COFFEE?



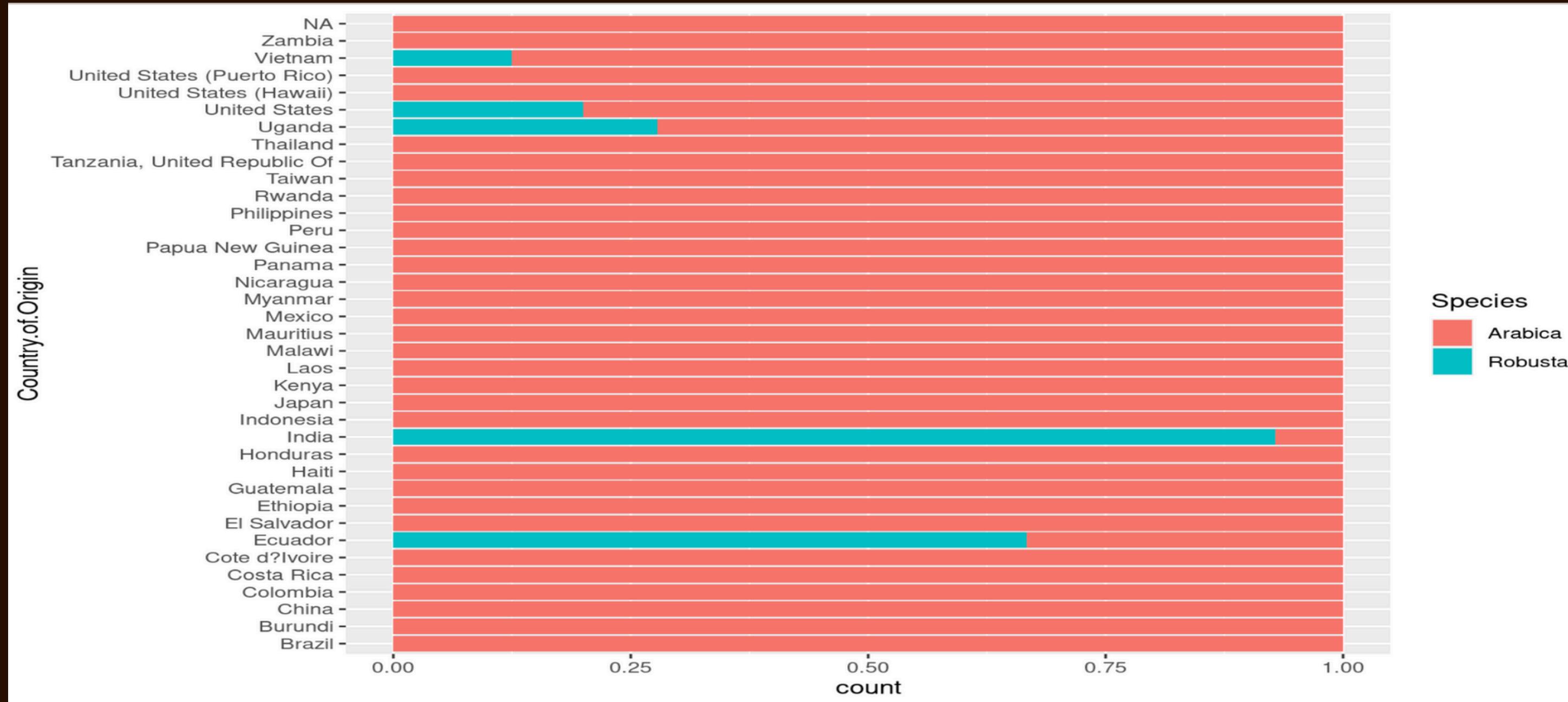
Country.of-Origin <chr>	totalProdKg <dbl>
Costa Rica	16005390
Ethiopia	12685679
Kenya	9319251
Honduras	5619899
Uganda	4080780
Peru	2790160

IN PROSPECTIVE 1 OLYMPIC SIZE SWIMMING POOL HOLD 1 MILLION KG OF WATER





**WHAT SPECIES OF
COFFEE DOES EACH
COUNTRY PRODUCE?**



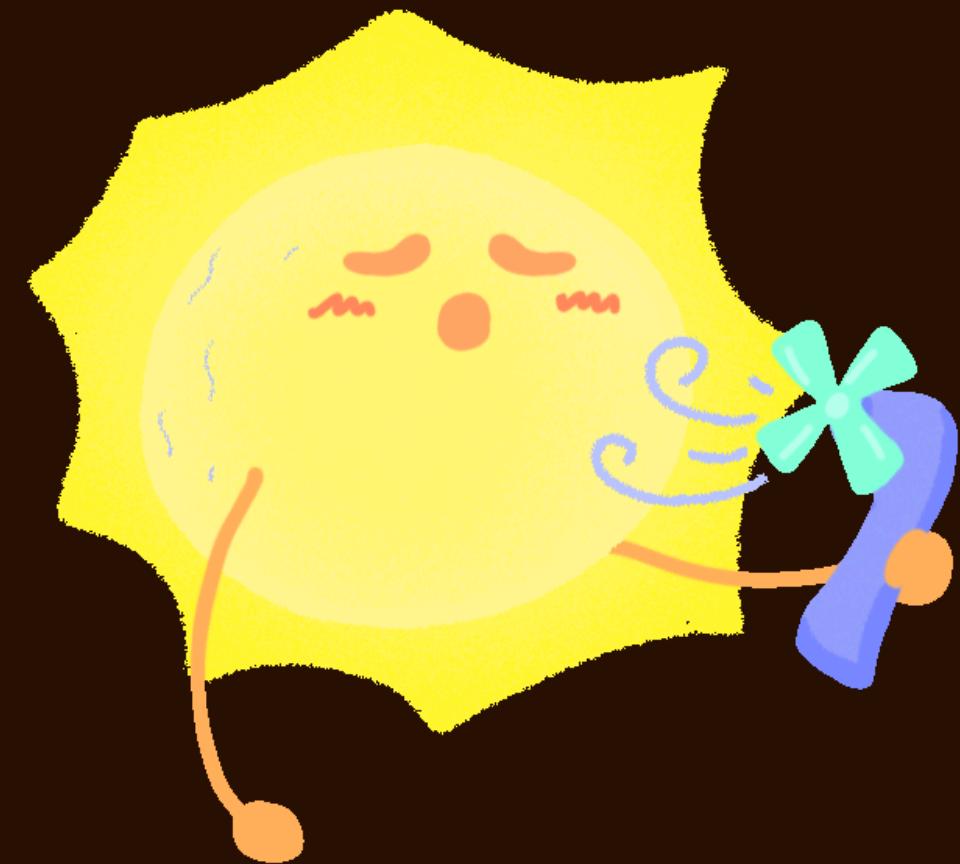
HONDURAS, ETHIOPIA, & COSTA RICA

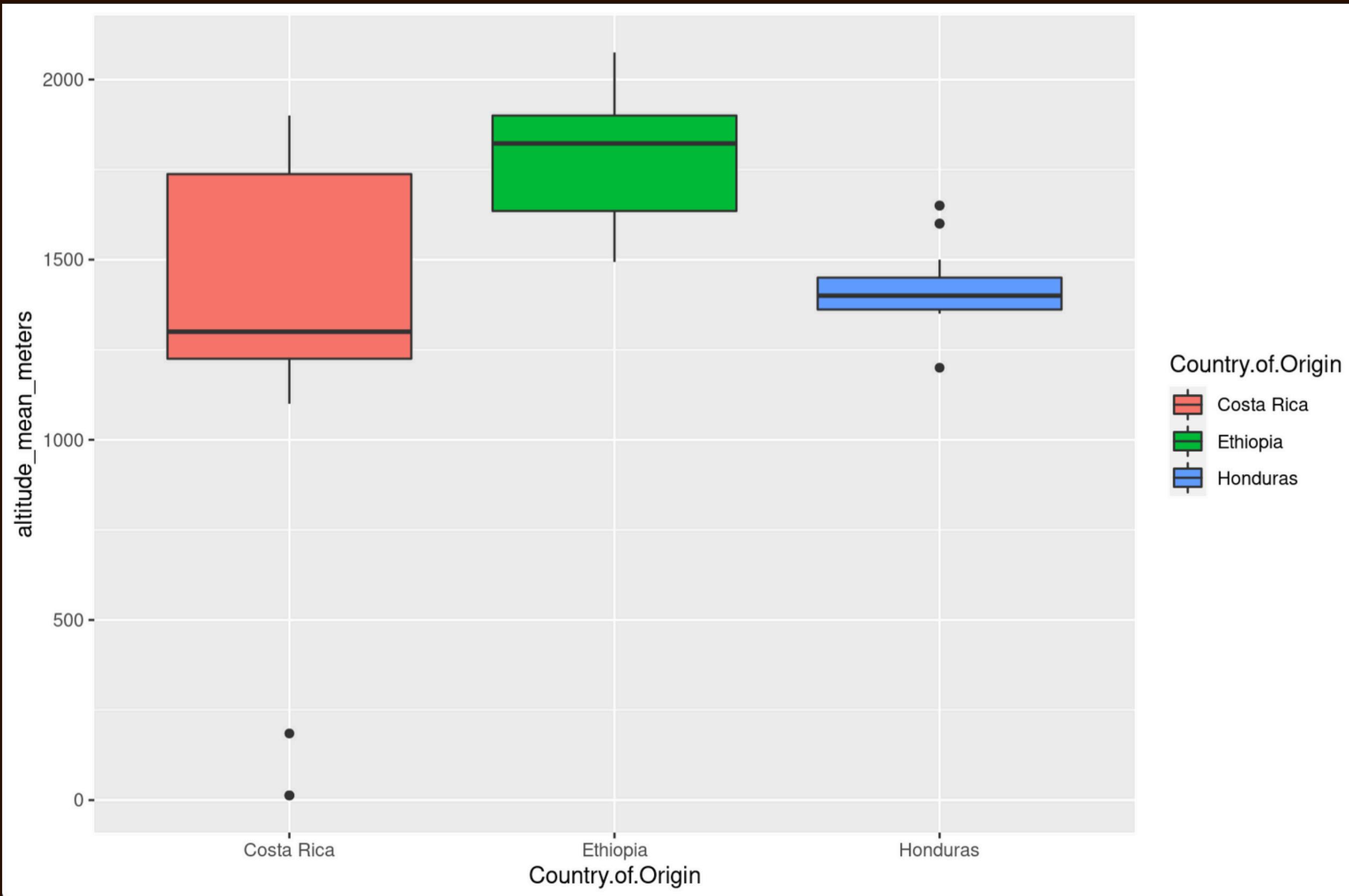
- ONLY ARABICA SPECIES
- NO ROBUSTA
- WHY IS THE CASE?



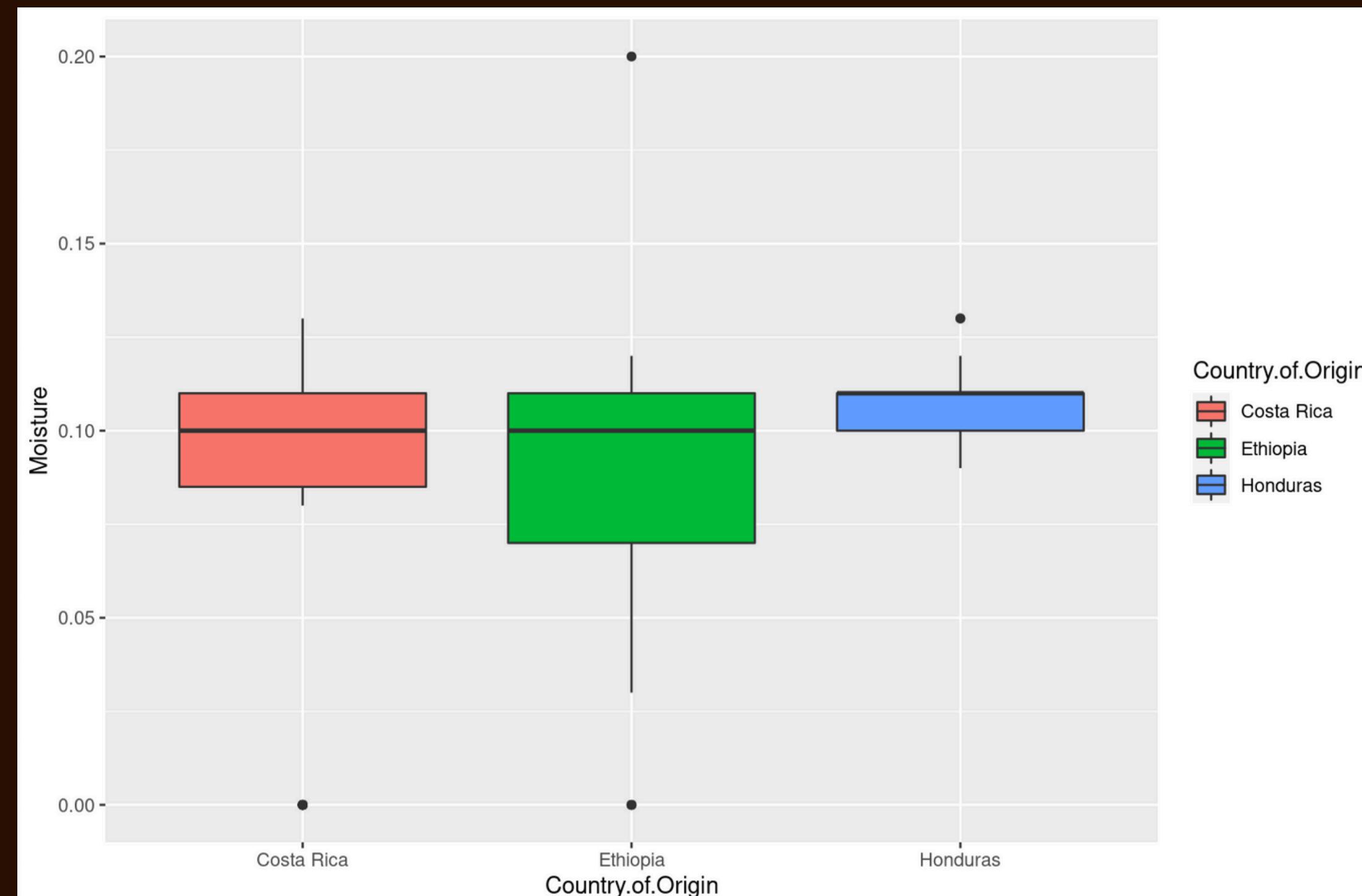
3 ESSENTIALS WHEN GROWING ROBUSTA BEANS

- HIGH TEMPERATURE**
- HIGH LEVELS OF WET DIRT
(MOISTURE)**
- HAS BEEN GROWN ON LOW ALTITUDES**





ALTITUDE MEAN LEVELS



MOISTURE LEVELS

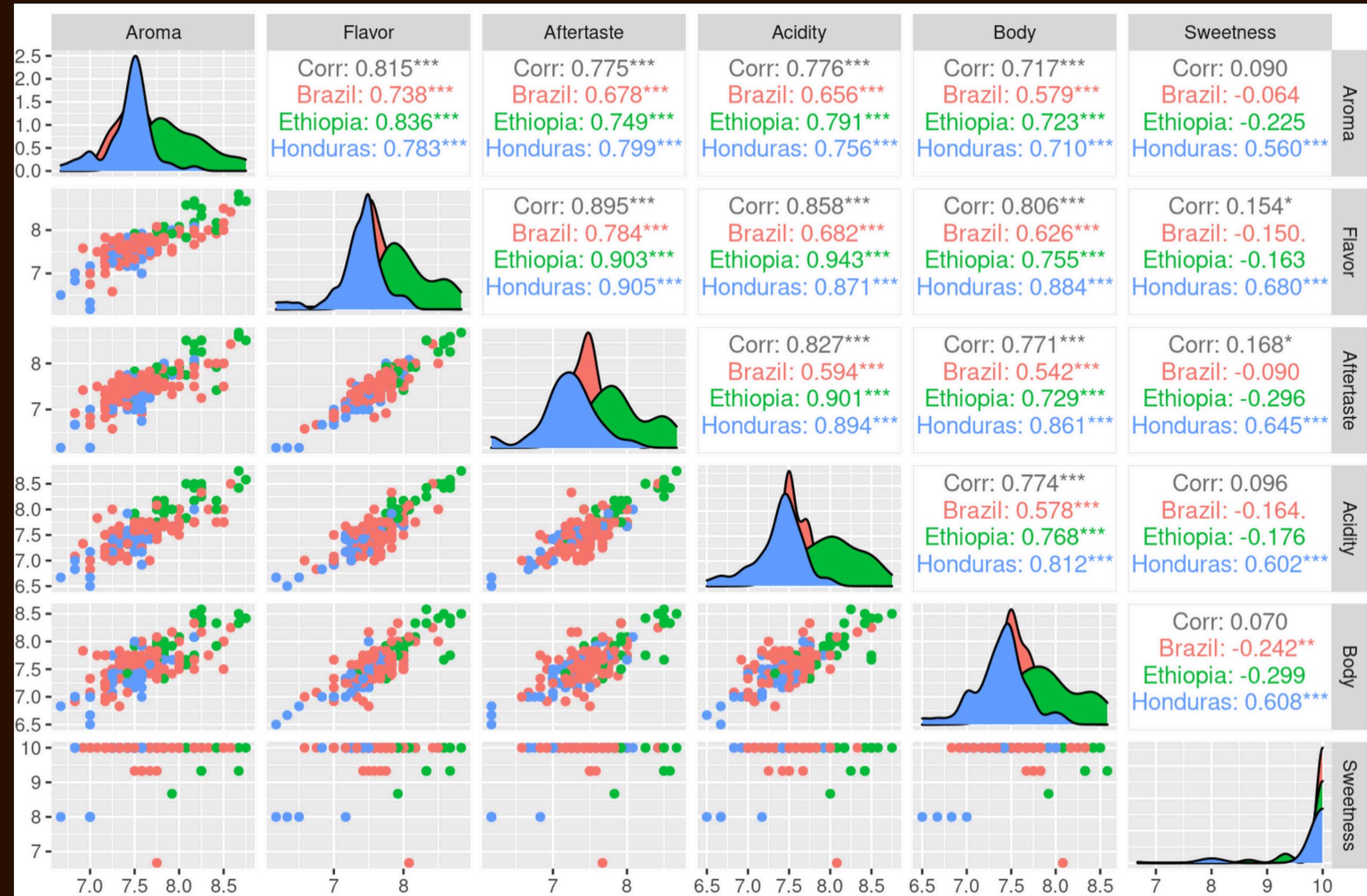
**WE HYPOTHEZIZED THAT ETHIOPIA,
HONDURAS AND COSTA RICA DO NOT
PRODUCE ROBUSTA BEANS BECAUSE THEY
DO NOT MEET THE ESSENTIAL INGREDIENTS
TO PROPERLY GROW IT. ROBUSTA
REQUIRES HIGH LEVELS OF MOISTURE AND
LOW LEVELS OF ALTITUDE, IN ADDITION TO
HIGH TEMPERATURES, AREAS IN WHICH
THESE COUNTRIES SEEM TO LACK IN.**



WHICH COUNTRIES HAVE THE HIGHEST AVERAGE CUP POINTS?

- FAIL!!!

Country.of.Origin <chr>	avgCP <dbl>	n <int>
Ethiopia	85.89452	31
Papua New Guinea	85.75000	1
Japan	84.67000	1
United States	84.43300	10
Kenya	84.30960	25
Panama	83.70750	4
Uganda	83.45194	36
Colombia	83.10656	183
El Salvador	82.93450	20
China	82.92750	16





THANK YOU!

