

How

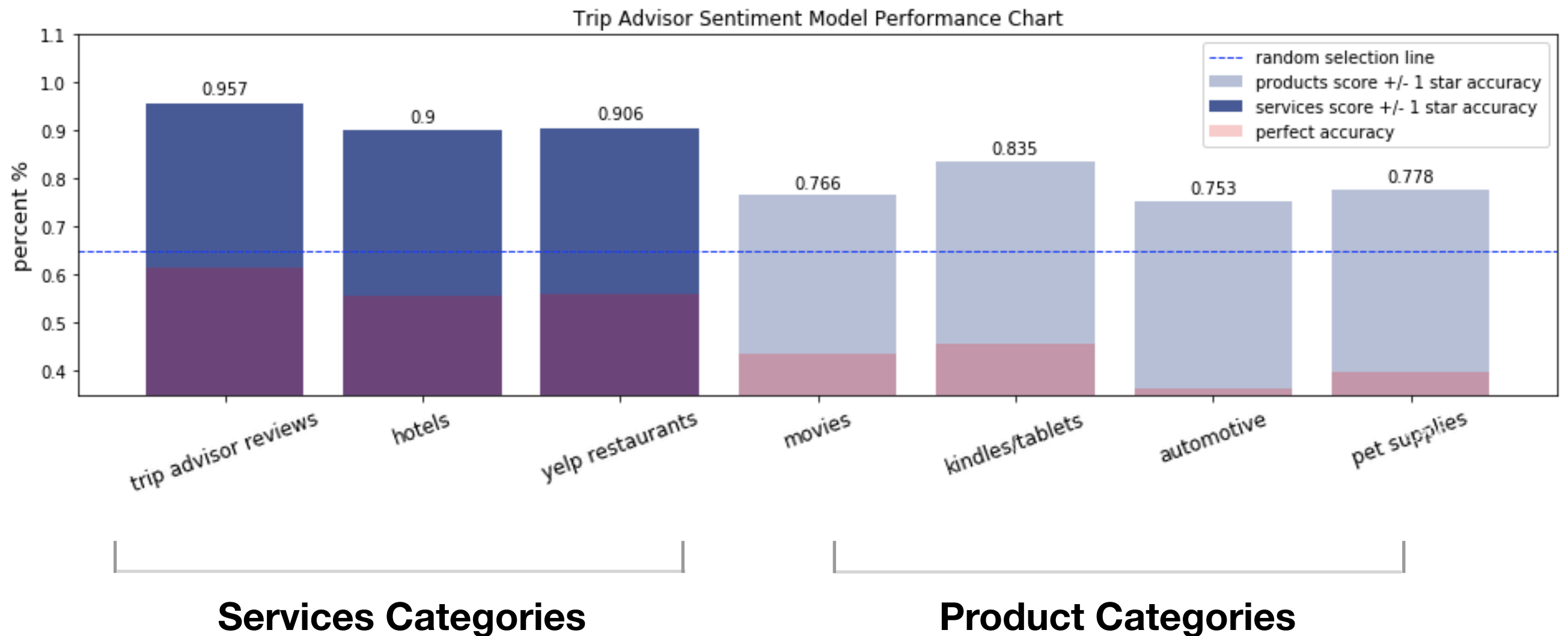
- **Model:** LSTM Recurrent Neural Net
 1. One embedding layer
 2. One LSTM Layer
 3. ~45,000 Trip Adviser Lodging Reviews

„this place is great, if you like staying with
screaming kids, drug dealers and general lowlives“

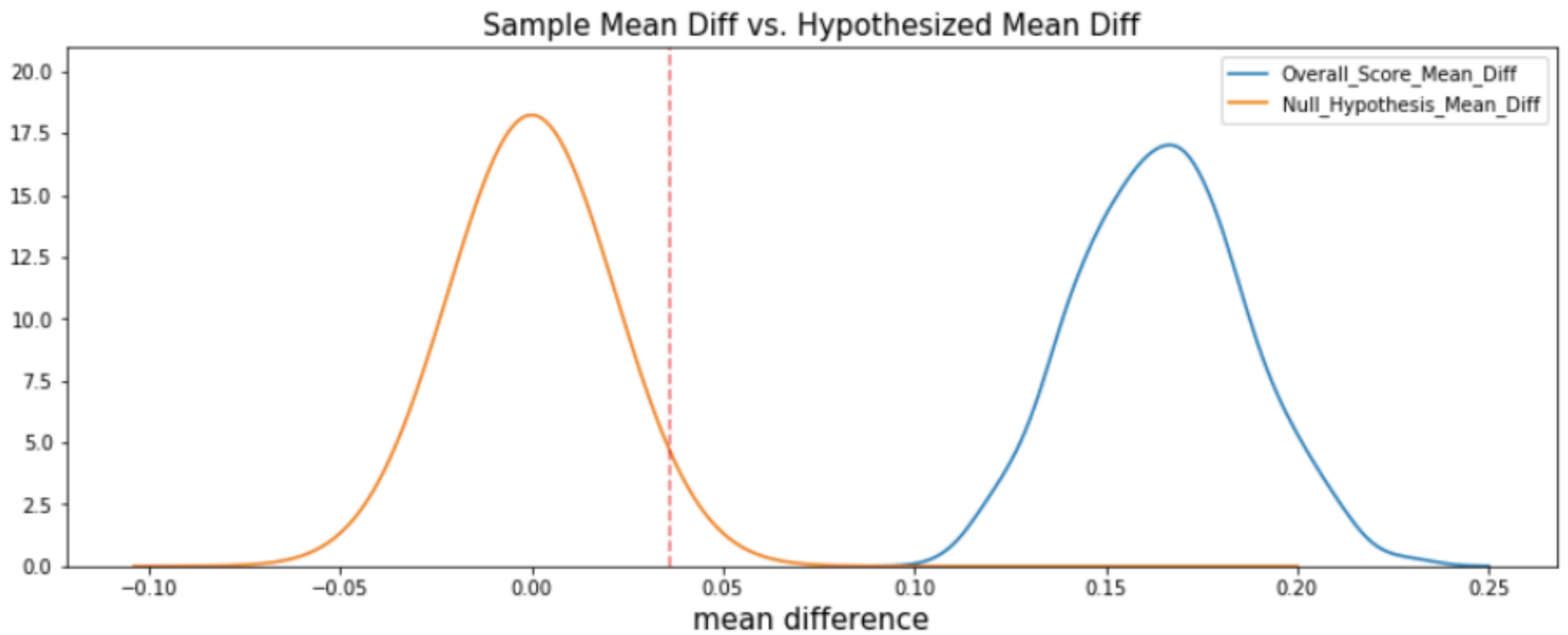
-hotel review | score: 1 prediction: 5

Transferability of Sentiment Models

transferability: A measure of how well a model generalizes across different but related tasks



Hypothesis Test



capstone: application



Vacation13571238346 wrote a review Feb 2019

📍 Grand Rapids, Michigan • 1 contribution



My business trip

"Overall I had a great time without any mishaps. I loved the fact that it was quiet because I was able to complete all of my work there at the hotel which was nice. As long as you don't eat the waffles the breakfast is good."



Richard L wrote a review Sep 2014

📍 New York City, New York • 101 contributions • 26 helpful votes



Disappointing and overpriced

"The room is small, although efficient. We could not get into the dining room for breakfast, overcrowded so sent to alternative and given table which had not been cleaned. Same buffet, but not as well presented. No pool attendant in morning. . However concierge service excellent. Staff friendly."



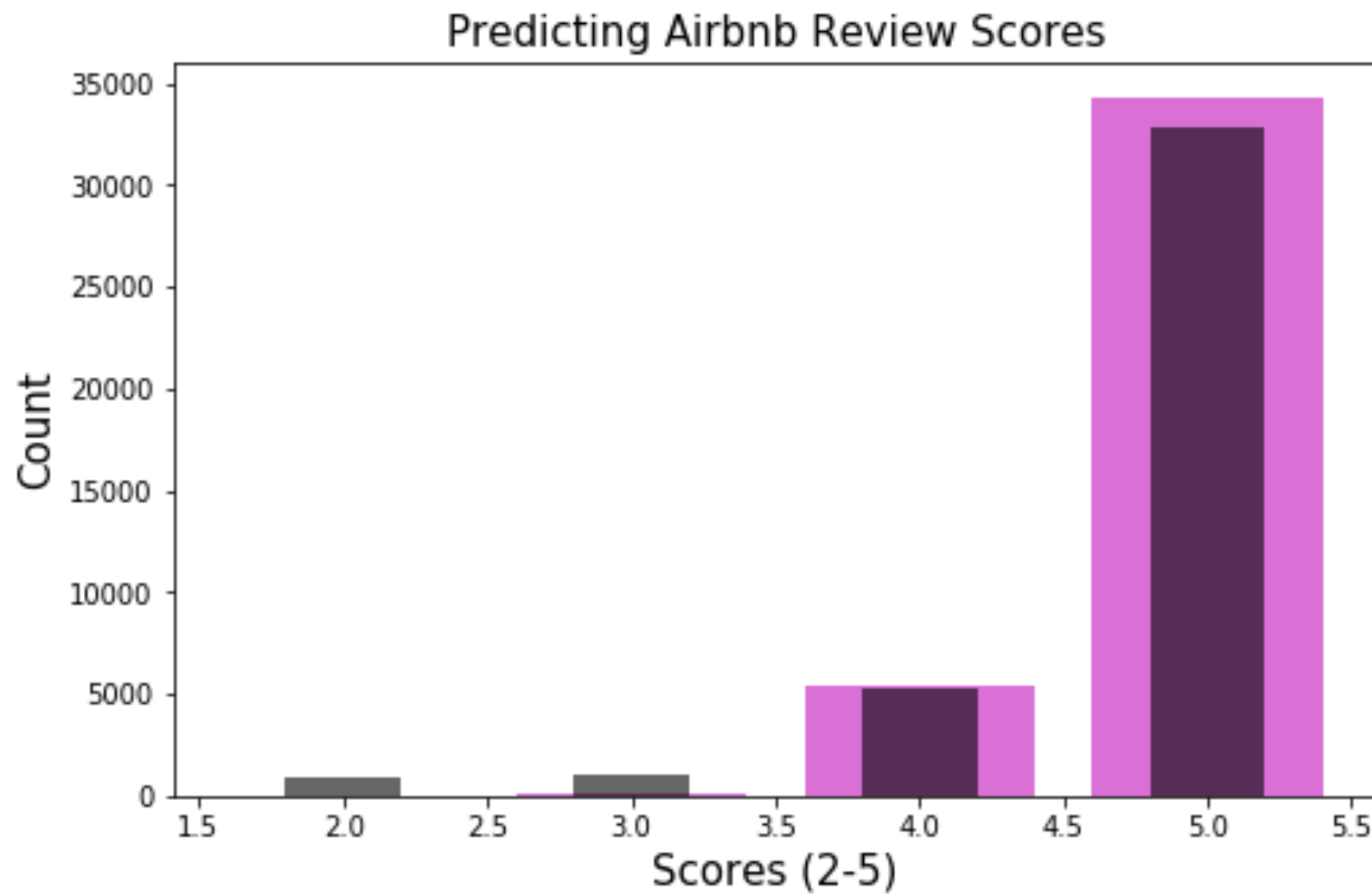
Review for Ina

Ina is a lovely host and made us feel welcome from the beginning by welcoming us upon arrival. She provides a lot of useful information about the region of Skye and her home is very close to both the Skye bridge and the Eilean Donan castle. We were very satisfied with our stay. Our only complaint is that the internet was a bit slow, the shower was off temperature, and that there was some clutter around the outside of the house. Other than that everything was great. Thanks Ina!

August 2018

	label	score	pred	probability
Requires	Review	3	5	0.56
	Accurate	2	2	0.99
	Accurate	4	4	0.99

capstone: application



Portland: 40,000+ Abnb Reviews between 2015-2019

