



Ground truth:

- 1. Arctic fox
- 2. Fox
- 3. Canine
- 4. Carnivore
- 5. Placental



Example prediction:

- 1. Huskey
- 2. Dog
- 3. Canine
- 4. Carnivore
- 5. Placental

Weighted top-3 accuracy:

$$0.18 = \frac{0 \times 1 + 0 \times \frac{1}{2} + 1 \times \frac{1}{3} + 0 \times \frac{1}{4} + 0 \times \frac{1}{5}}{1 + \frac{1}{2} + \frac{1}{3}}$$

Weighted top-5 accuracy:

$$0.34 = \frac{0 \times 1 + 0 \times \frac{1}{2} + 1 \times \frac{1}{3} + 1 \times \frac{1}{4} + 1 \times \frac{1}{5}}{1 + \frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5}}$$