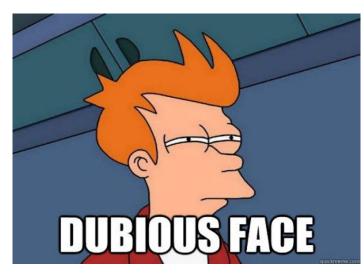
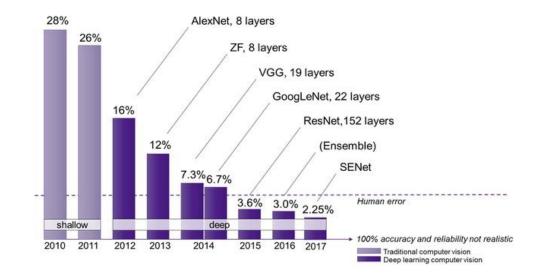


Identifying Model Weakness with Adversarial Examiner <u>Michelle Shu</u>, Chenxi Liu, Weichao Qiu, Alan Yuille

- Machine's ImageNet classification accuracy is higher than humans
- Yet none of us believe that machines are superior than humans
- We suspect this <u>mismatch</u> comes from the <u>evaluation protocol</u>







Identifying Model Weakness with Adversarial Examiner <u>Michelle Shu</u>, Chenxi Liu, Weichao Qiu, Alan Yuille

Adversarial Examiner (AE)

- **Dynamic test set based on test history** instead of fixed test set
- **Worst case** instead of Average case

