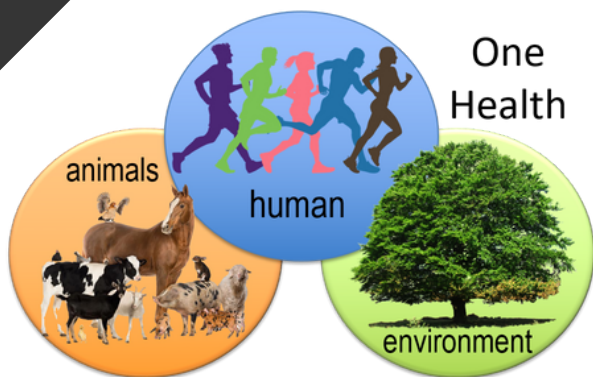# ONE HEALTH KNOWLEDGE

EXPLORING SEMANTIC DEEP LEARNING FROM HUMAN AND ANIMAL DATA

Full paper published in Journal of Biomedical Semantics available here

1

ONE HEALTH

One health is an approach that brings together the health of people, animals and the environment. It involves professionals working in many different areas.

2

STUDY

Focused on 11 medical conditions that affect humans and animals including heart failure, asthma, epilepsy, glaucoma, chronic kidney disease and osteoarthritis.

3

STUDY

It used 300k systemic review articles from biomedical literature and 2.5 million consults from SAVSNET.
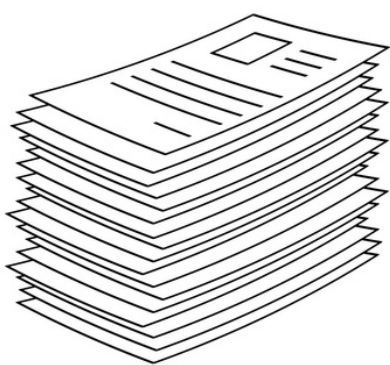
4

Enable computers to do more useful work

I know what you mean!

AIM

Turn information about diagnoses, prognoses, therapies and other clinical concepts into computable knowledge using free-text data about human and animal health.

5

CONCLUSION

It is possible to acquire One Health knowledge from the evidence based biomedical literature and veterinary clinical narratives.

6

THANKYOU

THANK YOU

Thank you to all veterinary practices who participate in SAVSNET.