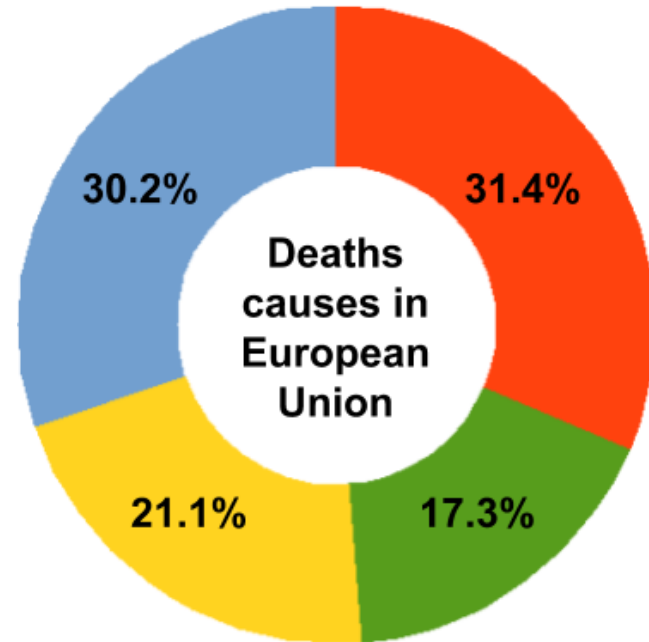
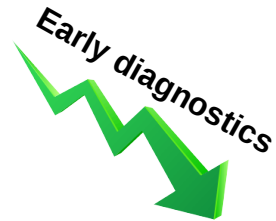


BREAKING THE WALL OF MEDICAL IMAGING

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- Ischaemic heart disease
- Cerebrovascular diseases
- Respiratory diseases
- Cancer



Medical imaging



but...

- **Long time** for a diagnosis
- **Low explanatory capabilities**
- **Low robustness** to new cases

Deep
Learning

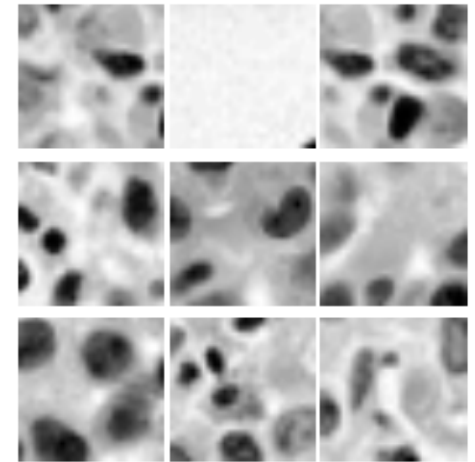
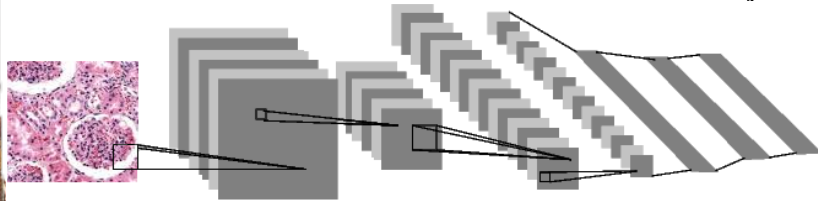
+

Bayesian
inference

$$p(y|\mathbf{x}) = \int p(y|\mathbf{z})q(\mathbf{z}|\mathbf{x})d\mathbf{z}$$

=

DeeBMED



More information:

<https://jmtomczak.github.io/deebmed>

Training **Bayesian Deep Model** for
medical imaging (digital histopathology).