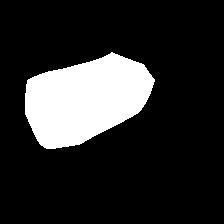


**fc6**

**fc7**



Feature 4

Feature x

**Polyp Detection**

**Polyp Segmentation**

**Segmentation map S**

**Pooled feature**

**...**

Feature x

proposals

**xd**

**Proposal scores**

**Xc=Dr**

**Dm**



Feature 3

Feature 2

Feature 1