Supplementary material.
Regression formula after shrinkage

The log odds of successful stent therapy: ln (odds of success) = 
1.43210 + 0.54003 * etiology2 – 1.70622 * etiology3 – 
0.63430 * location2 – 0.09898 * location3 – 0.00196 * crp – 
0.43567 * size2 – 0.90226 * size3

The individual probability of success: P (success) = \exp (\ln (\text{odds of success})) / (1 + \exp (\ln (\text{odds of success}))).

The regression formula is based on the following coding:
- Etiology2 = etiology of defect, defined as:
  - 1 = iatrogenic/spontaneous perforation
  - 0 = other
- Etiology3 = etiology of defect, defined as:
  - 1 = esophago-respiratory, -cutaneous or -pleural fistula
  - 0 = other
- Location2 = location of defect, defined as:
  - 1 = mid esophagus (25 – 30 cm from the incisors)
  - 0 = other
- Location3 = location of defect, defined as:
  - 1 = distal esophagus (> 30 cm from the incisors)
  - 0 = other
- CRP = highest CRP level (mg/L) in the 7 days before the first stent placement procedure
- Size2 = size of defect at baseline endoscopy, defined as:
  - 1 = 1 – 2 cm
  - 0 = other
- Size3 = size of defect at baseline endoscopy, defined as:
  - 1 = > 2 cm
  - 0 = other