



**Figure 1:** Sensitivity and specificity (%) for predictor variables: MRI defined post-neoadjuvant chemoradiotherapy T-stage (ymrT), MRI defined post-neoadjuvant chemoradiotherapy tumour regression grading (ymrTRG) and volume change at week 9 and week 14 as derived from the logistic regression models with pathological defined T-stage (ypT) and pathological defined tumour regression grading (ypTRG) as outcome variables. The area under the receiver operating curve (ROC), together with its 95%CI, are given in Appendix 2 for each of the predictors.