

## Contents

1.	Introduction	9
2.	Validity of prediction models: when is a model clinically useful?	19
3.	Sample size considerations for external validation studies of prediction models: simulations with logistic regression	39
4.	Predictors of occult metastasis in clinical stage I nonseminoma: a systematic review of 2500 patients	53
5.	Residual mass histology in testicular germ cell cancer: development and validation of a clinical prediction model	69
6.	Validation of a prediction model and its predictors for the histology of residual masses in nonseminomatous testicular germ cell cancer	83
7.	External validity of a prediction model for residual mass histology in testicular germ cell cancer: an evaluation for good prognosis patients	93
8.	Predicting retroperitoneal histology in postchemotherapy testicular germ cell cancer: a model update and multicentre validation with 1094 patients	105
9.	General discussion	117
	Summary	131
	Samenvatting	135
	Curriculum vitae	141
	Woord van dank	143