

This thesis is based on the following publications and manuscripts

Chapter 2

Y Vergouwe, EW Steyerberg, MJC Eijkemans, and JDF Habbema. Validity of prediction models: when is a model clinically useful? *Seminars in Urologic Oncology* 20:96-107, 2002

Chapter 3

Y Vergouwe, EW Steyerberg, MJC Eijkemans, and JDF Habbema. Sample size considerations for external validation studies of prediction models: simulations with logistic regression. *submitted for publication*

Chapter 4

Y Vergouwe, EW Steyerberg, MJC Eijkemans, P Albers and JDF Habbema. Predictors of occult metastasis in clinical stage I nonseminoma: a systematic review of 2500 patients. *Journal of Clinical Oncology*, in press

Chapter 5

EW Steyerberg, Y Vergouwe, HJ Keizer, and JDF Habbema for the ReHiT study group. Residual mass histology in testicular cancer: development and validation of a clinical prediction rule. *Statistics in Medicine* 20:3847-3859, 2001

Chapter 6

Y Vergouwe, EW Steyerberg, RS Foster, JDF Habbema, and JP Donohue. Validation of a prediction model and its predictors for the histology of residual masses in nonseminomatous testicular cancer. *Journal of Urology* 165:84-88, 2001

Chapter 7

Y Vergouwe, EW Steyerberg, R de Wit, JT Roberts, HJ Keizer, L Collette, SP Stenning, and JDF Habbema. External validity of a prediction rule for residual mass histology in testicular cancer: an evaluation for good prognosis patients. *British Journal of Cancer* 88:843-847, 2003

Chapter 8

Y Vergouwe, EW Steyerberg, RS Foster, DT Sleijfer, SD Fosså, A Gerl, R de Wit, JT Roberts, DF Bajorin, and JDF Habbema. Predicting retroperitoneal histology in postchemotherapy testicular germ cell cancer: a model update and multicentre validation with 1094 patients. *in preparation*

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