

SCORE AND WALD TESTS FOR THE MULTIVARIATE GROWTH CURVE MODEL WITH MISSING DATA

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Abstract. We present the score and Wald test analogues to Srivastava's (1985, *Comm. Statist. A—Theory Methods*, **14**, 775–792) likelihood ratio tests for the multivariate growth curve model with missing data, and illustrate their use with data from an immunotherapy experiment (Fukushima *et al.* (1982, *Int. J. Cancer*, **29**, 107–112, 113–117)).

Key words and phrases: Potthoff-Roy model, multivariate regression, score, Wald and likelihood ratio tests.