Appendix

Logistic Regression Formula for the Six-Item Model Predicting the Probability of Carpal Tunnel Syndrome

$p(CTS)/1 - p(CTS) = e^{b_0 + b_1 x_1 + b_2 x_2 + b_3 x_3 + b_4 x_4 + b_5 x_5 + \{b_6 x_6\}}$, where CTS = carpal tunnel syndrome,

$b_0 = -2.14$, $b_1 = 1.44$, $b_2 = 1.44$, $b_3 = 1.30$, $b_4 = 1.16$, $b_5 = 1.16$, $b_6 = 1.03$. Variable present

$= 1$, variable absent $= 0$, $x_1 =$ thenar atrophy, $x_2 =$ Phalen test, $x_3 =$ loss of two-point

discrimination, $x_4 =$ Tinel sign, $x_5 =$ nocturnal numbness, and $x_6 =$ numbness in the

median nerve distribution.