Agreement of thresholds detected by different methods 250 Bias = -3.75 [95%CI: -31.37, 23.87] Lower LOA = -68.51 [90%CI: -99.33, -37.68] Upper LOA = 61.01 [90%CI: 30.18, 91.83] 200 Dmax 150  $\rho_{CCC} = 0.66$ [95%CI: 0.31, 0.85] 100 250 Bias = -9.99 [95%CI: -17.67, -2.3] Lower LOA = -28.01 [90%CI: -36.59, -19.43] Upper LOA = 8.03 [90%CI: -0.54, 16.61] Exp-Dmax 200 150 Threshold determined by Zelemiq Ltd (Watts)  $\rho_{CCC} = 0.87$ [95%CI: 0.63, 0.96] 250 -Bias = -14.47 [95%CI: -33.78, 4.83] Lower LOA = -59.73 [90%CI: -81.27, -38.19] Upper LOA = 30.78 [90%CI: 9.24, 52.32] LTP1  $\rho_{CCC} = 0.43$ [95%CI: -0.12, 0.77] Bias = -16.41 [95%CI: -37.08, 4.26] Lower LOA = -64.87 [90%CI: -87.94, -41.8] Upper LOA = 32.04 [90%CI: 8.98, 55.11] 200 LTP2 150  $\rho_{CCC} = 0.6$ [95%CI: 0.01, 0.88] 100 250 Bias = -0.95 [95%CI: -13.85, 11.95] Lower LOA = -31.2 [90%CI: -45.6, -16.8] Upper LOA = 29.3 [90%CI: 14.9, 43.7] 200 150  $\rho_{CCC} = 0.93$ [95%CI: 0.77, 0.98] 100 150 200 100 250 Threshold determined by blood lactate (Watts)