Rotor Aerodynamic Model Validation (s = 0.098;  $C_{d_0}$  = 0.01) Figure of Merit **Power Coefficient** 8.0 0.0020 0.7 0.6 0.0015 merit o.o 0.0010 Figure E'0 <u>0.0005</u> GP model ( $k_i = 1.15$ ) GP model ( $k_i = 1.15$ ) 0.2 GP model ( $k_i = 1.20$ ) GP model ( $k_i = 1.20$ ) 0.1 Test data Test data 0.0000 -0.0 -0.010 0.015 0.005 0.020 0.005 0.010 0.015 0.020 0.000 0.000 Thrust coefficient Thrust coefficient