STAT 3015/4030/7030 GLMS 29/8/2017 Power transformations Survival time White blood cell count when You >0, Y, < 0 these curves look like; to "linearise" this relationship we take logs of both sides (n S = (n 80 + 8, (n W) $= \beta_0 + \beta_1 (N)$ Gamma distribution when $\alpha = 1$ fx=1, p(y) = B' y 1-1 e-By = Re-By

(exponential distribution)