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3. Proportional Hazards Models

4. Cox

5. Weibull

6. Baseline Hazard Function

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1. Censored Data

2. Survival Analysis

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$$h_{ijklmnp}(t) = h_0(t) \exp[hys_i(t) + p_j(t_1, t_2) + AFC_k + m_l(t) + hf_m + s_n + 0.5mgs_p]$$

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$$h_0(t) \quad t \quad h_{ijklmnp}(t)$$

$$\lambda \quad \rho$$

$$i \quad hys_i(t)$$

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(γ, γ)

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$$j \quad p_j(t_1, t_2)$$

$t_2 \quad t_1$ (

$$h_{\log}^2 = \frac{4\sigma_s^2}{\sigma_s^2 + \psi^{(1)}(\gamma) + \frac{\pi^2}{6}}$$

σ_s^2

$\psi^{(1)}(\gamma)$

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k

AFC_k

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$m_l(t)$

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$$h_{orig}^2 = \left[\exp\left(\frac{\nu}{\rho}\right) \right]^{-2} h_{\log}^2$$

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$\nu = digamma(\gamma) - \ln(\gamma) - \text{Euler's constant}$

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(p<0.01)

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k hf_k

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$mgs_p S_n$

$A\sigma_s^2$

σ_s^2

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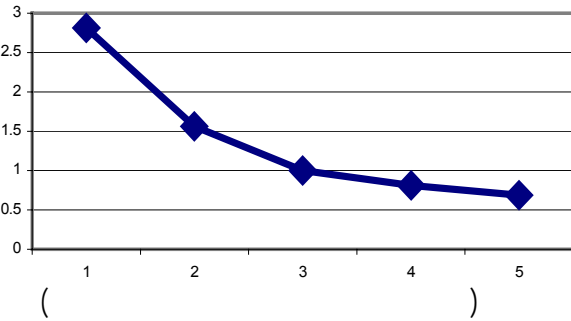
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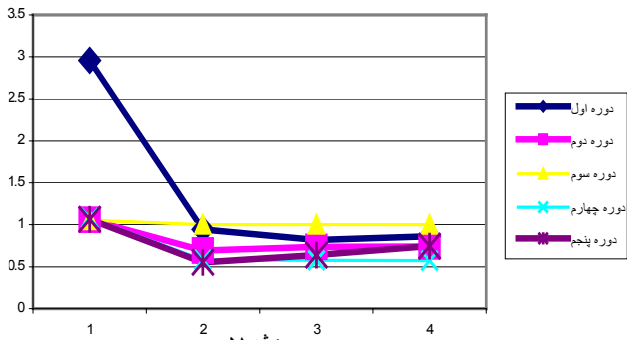
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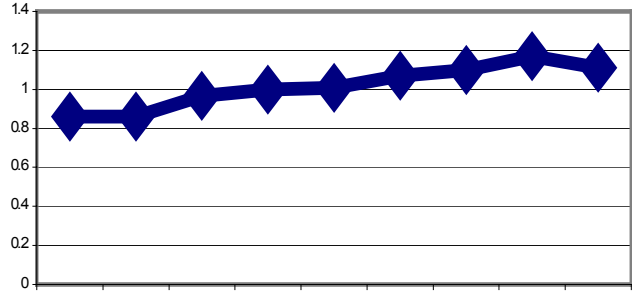
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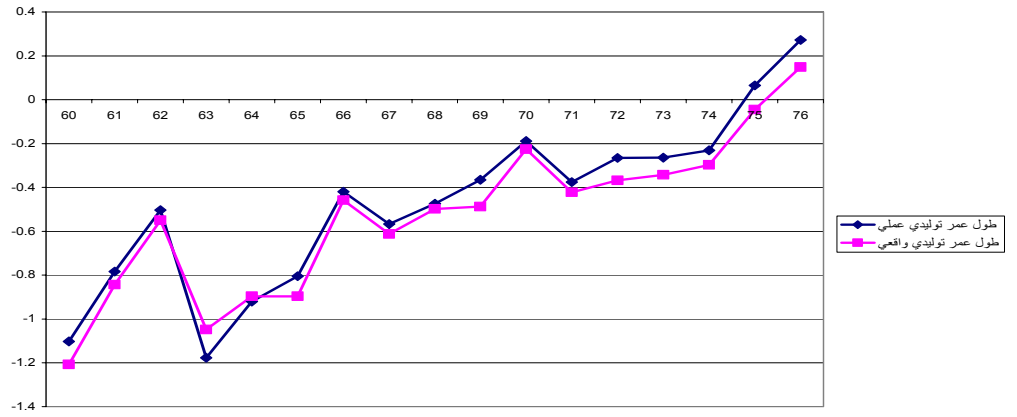
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1. Transmitting Ability



Survival Kit

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