

EFICIENCIA TECNICA Y ESCALAS DE OPERACION EN PESCA

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Modelo para las ineficiencias estimadas \hat{u}_{it} :

	P1	P2	P3	Panel completo
Constante	0.05 (0.05)	1.19 (0.16)	0.07 (0.07)	0.36 (0.36)
Acarreo empresa (aj)	0.25 (2.17)*	0.15 (1.71)++	-0.43 (-1.69)++	0.2 (2.13)*
Cap. bodega empresa (h ⁱ)	-0.52 (-3.22)*	-0.01 (-0.09)	0.96 (2.84)*	-0.09 (-0.67)
No. barcos empresa (n ⁱ)	0.33 (2.29)*	-0.24 (-2.75)*	-0.49 (-2.78)*	-0.24 (-3.45)*
Acarreo total industria (a ^I)	0.36 (1.39)	0.48 (1.66)++	0.06 (0.24)	0.5 (3.39)*
No. barcos industria (n ^I)	-1.46 (-2.27)*	-0.44 (-0.81)	0.04 (0.04)	-1.4 (-3.94)*
Antigüedad (g _j)	1.96 (4.1)*	0.37 (3.52)*	0.12 (1.41)	0.16 (3.78)*
Experiencia (x _i)	0.00 (0.07)	-0.29 (-3.5)*	0.07 (1.58)	0.02 (0.68)
Esfuerzo (e _j)	-0.92 (-6.74)*	-0.92 (-3.75)*	-0.06 (-0.28)	-0.98 (-11.76)*
Biomasa (b)	0.05 (0.29)	0.01 (0.03)	-0.12 (-0.51)	0.13 (1.35)
D 87	0.05 (0.25)	0.01 (0.07)	.	-0.04 (-0.37)
D 88	0.33 (2.06)*	-0.12 (-0.85)	.	-0.02 (-0.19)
D 89	-0.77 (-3.25)*	-0.38 (-2.21)*	0.35 (0.81)	-0.47 (-3.76)*
D 90	0.26 (2.01)*	0.08 (0.77)	0.23 (0.87)	0.3 (3.93)*
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Parámetros				
Nº total observaciones	391	707	149	1255
$\sigma_S^2 = \sigma_\mu^2 + \sigma_v^2$	0.16 (12.1)	0.12 (8.28)	0.07 (10.9)	0.21 (17.8)
$\gamma = \sigma_\mu^2 / \sigma_S^2$	0.82 (19.8)	0.9 (36.5)	0.88 (16.36)	0.88 (49.06)
Log-likelihood	-71.7	-2.9	47.5	-198.7
ETM (eficiencia media)	0.66	0.68	0.80	0.72
Valor Mínimo	0.11	0.05	0.57	0.11
Valor Máximo	0.96	0.97	0.97	0.96

Notas: en parentesis los valores del estadístico t; *: significativo al 95% de confianza,

++: significativo sólo al 90% de confianza; $ETM = \sum_{it} \exp(-u_{it}) / (NT)$.