

1.1. Annexe 6 : Résultats des analyses statistiques

Variable fixe : $\frac{dk_{verre_rho}}{time \times \frac{SSA}{V} \times (1-SR) \times e^{\frac{Ea}{RT}}}$

Variable dont l'exposant pouvait changer : Facteur ionique

--- RÉGRESSION AVEC LOG ---

OLS Regression Results

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Dep. Variable: log_dk_dt_SSA_V R-squared: 0.818

Model: OLS Adj. R-squared: 0.805

Method: Least Squares F-statistic: 62.93

Date: Mon, 18 Aug 2025 Prob (F-statistic): 1.51e-06

Time: 11:26:05 Log-Likelihood: 21.127

No. Observations: 16 AIC: -38.25

Df Residuals: 14 BIC: -36.71

Df Model: 1

Covariance Type: nonrobust

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	coef	std err	t	P> t	[0.025	0.975]
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const	-5.1561	0.479	-10.764	0.000	-6.183	-4.129
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log10_fact_io	0.4290	0.054	7.933	0.000	0.313	0.545
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Omnibus: 12.857 Durbin-Watson: 1.684

Prob(Omnibus): 0.002 Jarque-Bera (JB): 9.866

Skew: -1.417 Prob(JB): 0.00720

Kurtosis: 5.602 Cond. No. 249.

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Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.