

Catecholamines and serum potassium alterations in critically ill neonates: a prospective cohort study

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Table 1S - Linear mixed-effects regression model showing the relationship between catecholamine prescription and changes in serum K⁺ levels in neonates

Potassium (mEq/mL)	Coefficient (β)	SE	p value	95%CI	
Dopamine	0.584	0.196	0.003	0.202	0.967
Glomerular filtration rate (mL/min/1.73m ²)	0.004	0.003	0.108	-0.001	0.009
Daily urine output (mL/day)	-0.006	0.008	0.456	-0.022	0.010
Gestational age (weeks)	0.008	0.008	0.311	-0.007	0.235
Constant	4.123	0.088	< 0.001	3.950	4.296
Norepinephrine	0.811	0.251	0.001	0.318	1.296
Glomerular filtration rate (mL/min/1.73m ²)	0.004	0.003	0.121	-0.001	0.009
Daily urine output (mL/day)	-0.033	0.008	0.692	-0.019	0.013
Gestational age (weeks)	0.005	0.007	0.441	-0.088	0.203
Constant	4.136	0.087	< 0.001	3.965	4.308
Dobutamine	-0.308	0.141	0.029	-0.675	-0.022
Glomerular filtration rate (mL/min/1.73m ²)	0.003	0.003	0.265	-0.002	0.008
Daily urine output (mL/day)	-0.004	0.008	0.670	-0.019	0.013
Gestational age (weeks)	0.007	0.008	0.385	-0.009	0.023
Constant	4.197	0.090	< 0.001	4.020	4.373
Epinephrine	-0.253	0.334	0.450	-0.909	0.402
Glomerular filtration rate (mL/min/1.73m ²)	0.003	0.004	0.192	-0.002	0.008
Daily urine output (mL/day)	-0.003	0.008	0.708	-0.020	0.013
Gestational age (weeks)	0.008	0.008	0.328	-0.008	0.024
Constant	4.156	0.088	< 0.001	3.983	4.328

SE - standard error; 95%CI - 95% confidence interval.