

Table S6: Performance metrics of the CKD-EPI and the MDRD Study equations by transplanted organ

Metric	Equation	Kidneys	Liver	Lungs	Heart	Pancreas	Multiple
Mean Error (ml/min/1.73 m ²)	CKD-EPI	0.3 (-0.5, 1.0)	0.6 (-0.7, 1.8)	3.3 (0.3, 6.2)	1.4 (-2.1, 4.8)	7.1 (0.2, 14.0)	-2.0 (-4.6, 0.6)
	MDRD Study	3.9 (3.1, 4.6)	4.1 (2.8, 5.3)	6.1 (2.0, 10.2)	4.9 (1.4, 8.3)	12.6 (5.4, 19.9)	1.8 (-0.8, 4.3)
Median Percent Error (%)	CKD-EPI	0.8 (-0.7, 2.7)	0.6 (-1.2, 2.6)	4.7 (-5.4, 11.4)	4.1 (0.3, 11.8)	7.3 (-5.8, 25.0)	-6.3 (-14.3, -0.1)
	MDRD Study	7.2 (5.7, 8.5)	5.7 (3.3, 7.8)	12.6 (5.1, 20.1)	8.8 (4.6, 16.5)	16.3 (6.8, 32.5)	1.6 (-3.6, 8.5)
Mean Percent Error (log scale)	CKD-EPI	-0.6 (-2.0, 0.9)	-0.7 (-2.9, 1.5)	7.2 (1.8, 12.3)	1.0 (-5.5, 7.2)	8.0 (-4.3, 18.9)	-6.2 (-12.2, -0.6)
	MDRD Study	5.9 (4.5, 7.3)	5.0 (2.9, 7.1)	13.1 (7.8, 18.2)	6.4 (0.2, 12.2)	16.0 (4.3, 26.3)	1.1 (-4.5, 6.4)
Mean Absolute Error (ml/min/1.73 m ²)	CKD-EPI	9.7 (9.2, 10.2)	11.8 (11.0, 12.7)	9.9 (8.0, 11.7)	11.6 (9.2, 14.0)	11.7 (6.7, 16.7)	11.1 (9.5, 12.7)
	MDRD Study	10.1 (9.6, 10.6)	12.1 (11.2, 13.1)	12.1 (8.9, 15.3)	12.3 (9.8, 14.8)	14.9 (9.0, 20.8)	10.5 (8.9, 12.1)
Median Percent Absolute Error (%)	CKD-EPI	14.9 (13.9, 15.9)	16.7 (15.2, 18.5)	18.3 (13.5, 23.6)	15.7 (11.4, 19.6)	17.0 (11.7, 25.4)	19.4 (12.1, 22.0)
	MDRD Study	16.0 (14.9, 17.1)	16.6 (15.1, 17.7)	19.1 (13.2, 24.5)	17.1 (12.9, 21.3)	19.0 (8.8, 25.8)	19.9 (16.8, 24.3)
Mean Absolute Percent Error (log scale) %	CKD-EPI	20.7 (19.6, 21.8)	24.4 (22.6, 26.3)	23.3 (17.7, 29.1)	22.0 (17.9, 26.2)	22.4 (12.5, 33.2)	26.1 (21.9, 30.5)
	MDRD Study	22.1 (20.9, 23.2)	25.3 (23.5, 27.2)	24.9 (19.4, 30.8)	25.7 (20.8, 30.9)	28.6 (17.1, 41.2)	25.5 (21.3, 29.9)
P ₃₀	CKD-EPI	80.9 (78.5, 83.2)	76.7 (73.4, 79.6)	80.0 (68.3, 88.1)	81.6 (72.1, 88.4)	88.5 (59.8, 97.5)	68.3 (58.9, 76.4)
	MDRD Study	81.7 (79.3, 83.9)	75.9 (72.7, 78.9)	72.7 (60.5, 82.3)	82.3 (72.8, 89.0)	76.9 (49.1, 92.0)	72.1 (62.8, 79.9)

Point estimates (mean or median as appropriate for the distribution) and 99.6 % CIs for the equation performance metrics for the CKD-EPI and the MDRD Study equation in transplant organ based categories are shown.