

Castel-Branco MM, Lavrador M, Cabral AC, Pinheiro A, Fernandes J, Figueiredo IV, Fernandez-Llimos F. Discrepancies among equations to estimate the glomerular filtration rate for drug dosing decision making in aged patients.

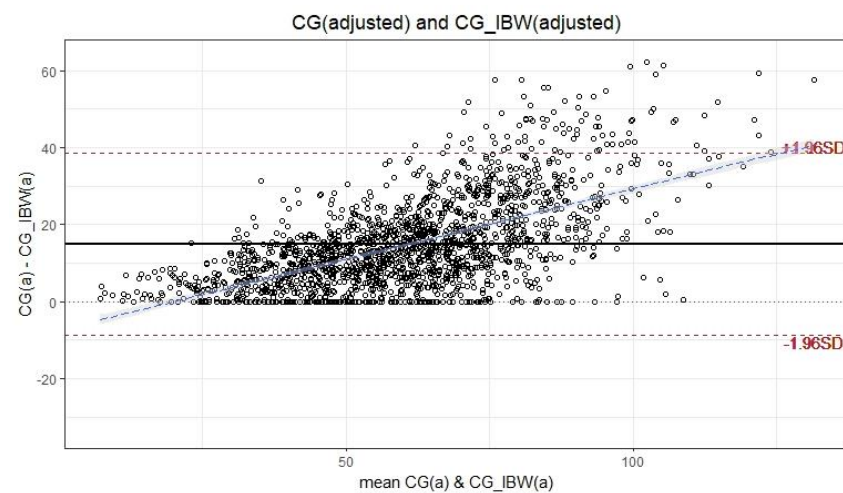
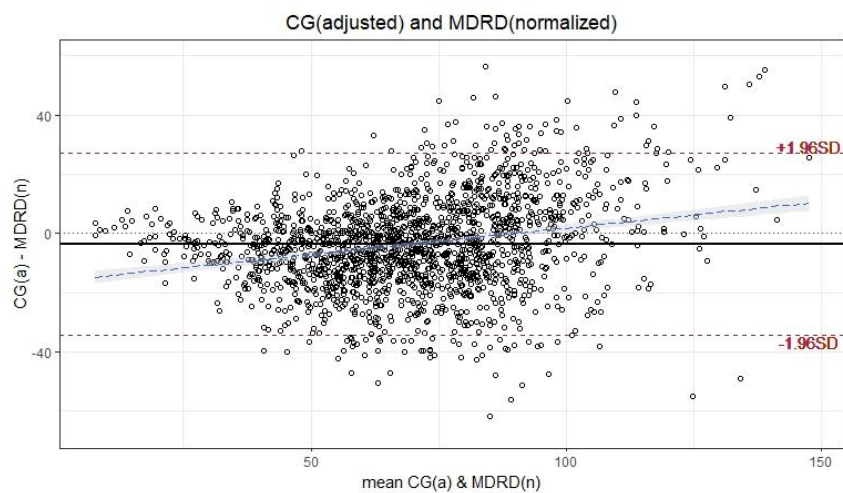
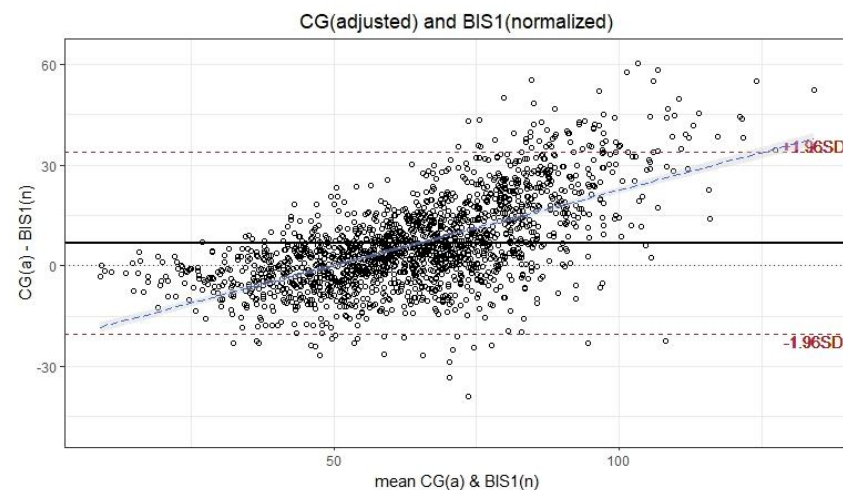
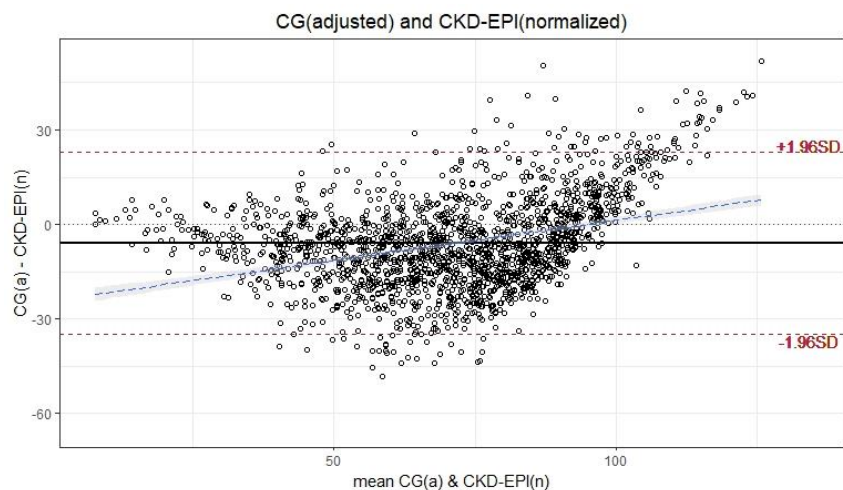
Supplementary File S2. Bland-Altman plots analyzing the agreement between original equations to estimate glomerular filtration rate.

Pairwise comparison	Bias	Error (%)	Limit of agreement		Regression		X when y=0	
			upper	lower	R Square	equation	X	95%CI
CG(adjusted) vs. CG_IBW(adjusted)	14.9	69.44	38.51	-8.66	0.386	$y=0.38x-8.03$	21	[17 : 26]
CG(adjusted) vs. MDRD(normalized)	-3.7	90.30	26.97	-34.37	0.386	$y=0.17x-15.88$	91	[65 : 130]
CG(adjusted) vs. CKD-EPI(normalized)	-6.0	84.86	22.85	-34.80	0.142	$y=0.28x-25.49$	93	[76 : 114]
CG(adjusted) vs. BIS1(normalized)	6.7	79.64	33.76	-20.34	0.401	$y=0.46x-23.11$	50	[44 : 57]
CG_IBW(adjusted) and CG(adjusted)	-14.9	89.00	8.66	-38.51	0.386	$y=-0.38x+8.03$	21	[17 : 26]
CG_IBW(adjusted) vs. MDRD(normalized)	-18.6	71.68	0.38	-37.62	0.167	$y=-0.22x-4.93$	-22	[-26 : -18]
CG_IBW(adjusted) vs. CKD-EPI(normalized)	-20.9	59.28	-5.18	-36.60	0.066	$y=-0.12x-13.28$	-111	[-120 : -104]
CG_IBW(adjusted) vs. BIS1(normalized)	-8.2	40.01	2.40	-18.81	0.045	$y=0.07x-12.35$	170	[130 : 231]
MDRD(normalized) and CG(adjusted)	3.7	85.61	34.37	-26.97	0.035	$y=-0.16x+15.40$	99	[66 : 153]
MDRD(normalized) and CG_IBW(adjusted)	18.6	53.02	37.62	-0.38	0.154	$y=0.22x+4.93$	-22	[-26 : -18]
MDRD(normalized) and CKD-EPI(normalized)	-2.3	34.73	10.16	-14.72	0.083	$y=0.09x-9.17$	97	[74 : 127]
MDRD(normalized) and BIS1(normalized)	10.4	40.90	25.08	-4.23	0.452	$y=0.28x-8.38$	30	[25 : 35]
CKD-EPI(normalized) and CG(adjusted)	6.0	77.97	34.80	-22.85	0.093	$y=-0.25x+24.66$	98	[77 : 126]
CKD-EPI(normalized) and CG_IBW(adjusted)	20.9	42.50	36.60	5.18	0.074	$y=0.16x+11.25$	-69	[-70 : -69]
CKD-EPI(normalized) and MDRD(normalized)	2.3	33.66	14.72	-10.16	0.204	$y=-0.09x+9.17$	97	[74 : 127]
CKD-EPI(normalized) and BIS1(normalized)	12.7	30.69	24.04	1.36	0.304	$y=0.19x-0.06$	0	[-4 : 5]
BIS1(normalized) and CG(adjusted)	-6.7	88.35	20.34	-33.76	0.302	$y=-0.46x+23.57$	52	[44 : 60]
BIS1(normalized) and CG_IBW(adjusted)	8.2	34.64	18.81	-2.40	0.007	$y=-0.05x+11.53$	254	[146 : 610]
BIS1(normalized) and MDRD(normalized)	-10.4	47.86	4.23	-25.08	0.007	$y=-0.28x+8.38$	30	[25 : 35]
BIS1(normalized) and CKD-EPI(normalized)	-12.7	37.05	-1.36	-24.04	0.304	$y=-0.19x+0.06$	0	[-4 : 5]

CG: Cockcroft-Gault; CG-IBW: Cockcroft-Gault with ideal body weight; MDRD: Modification of Diet in Renal Disease; CKD-EPI: Chronic Kidney Disease Epidemiology Collaboration; BIS1: Berlin Initiative Study 1; BSA: body surface area.

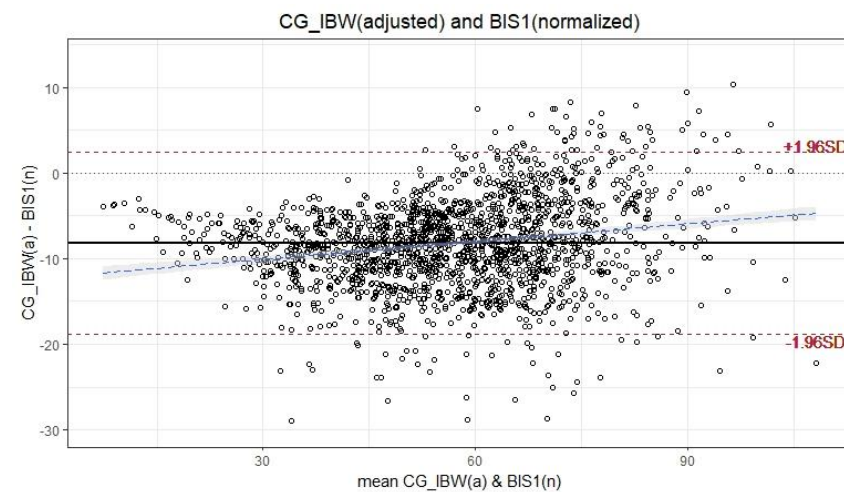
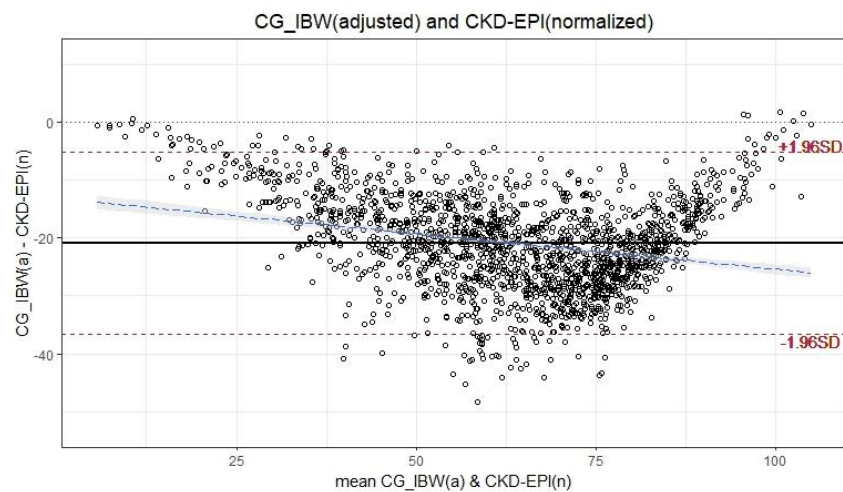
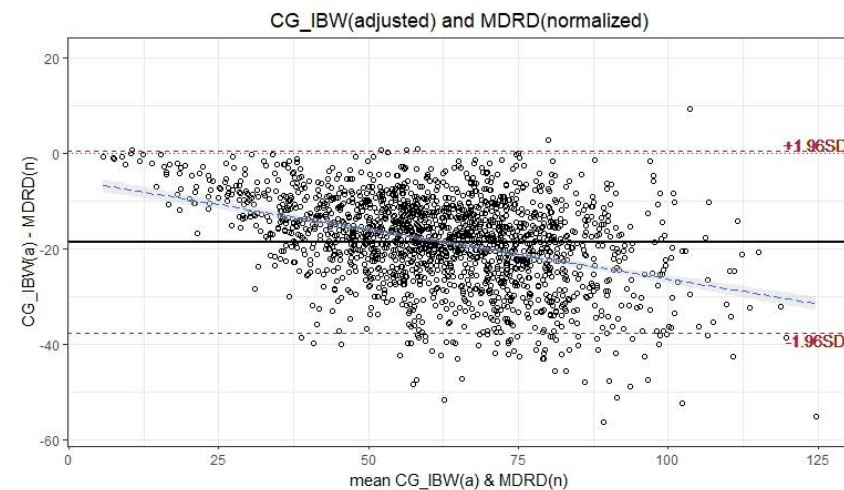
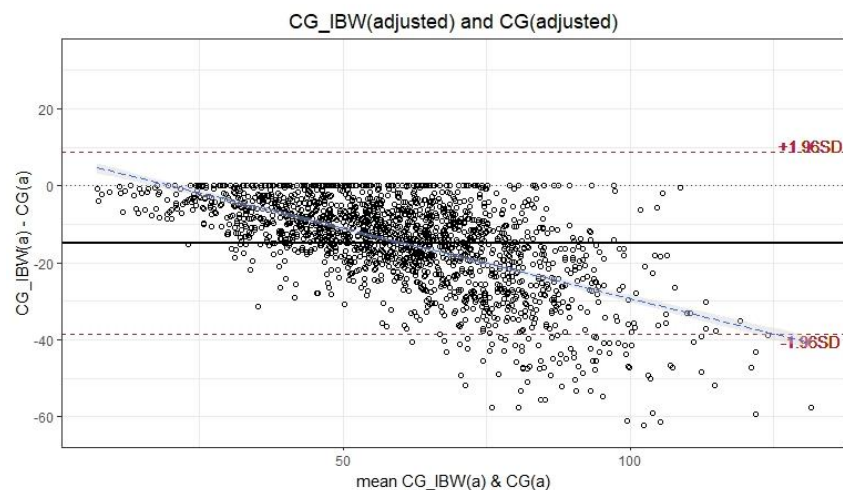
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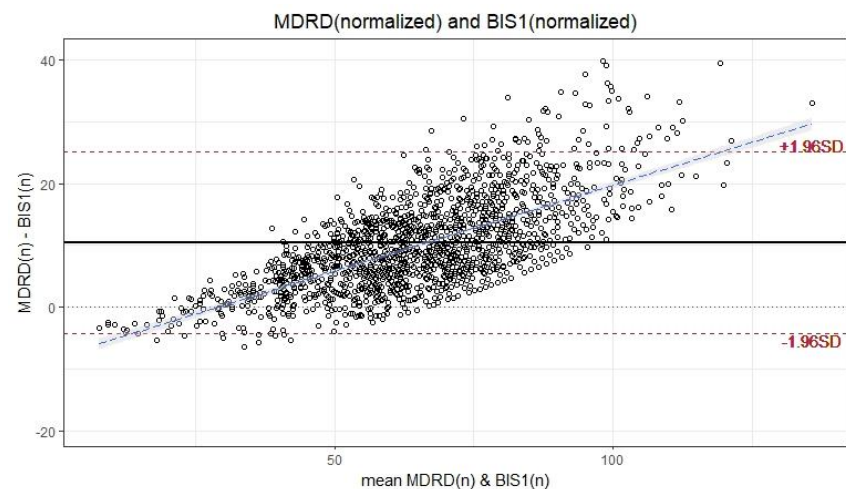
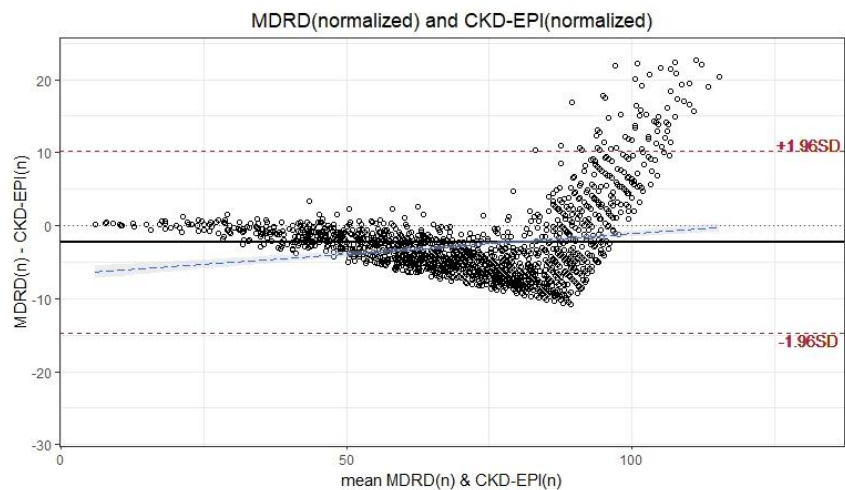
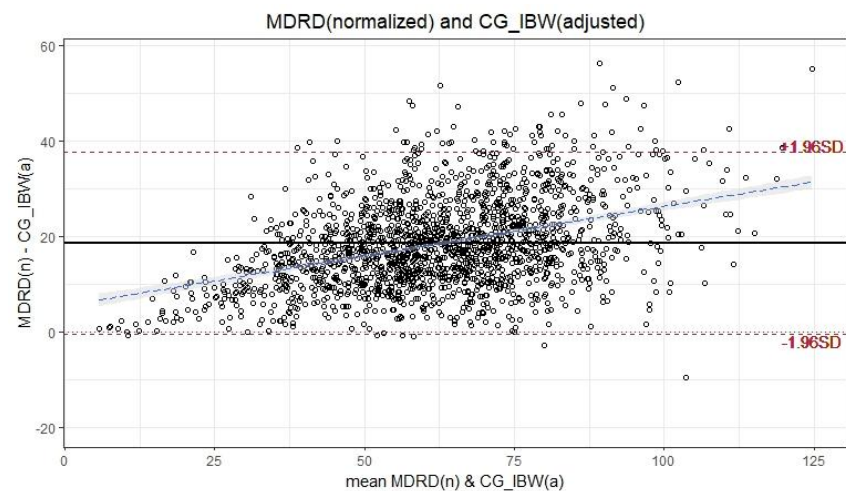
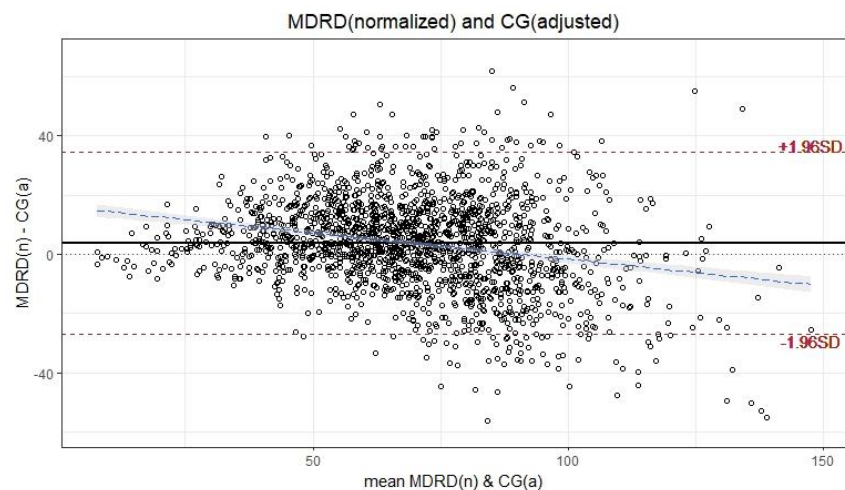
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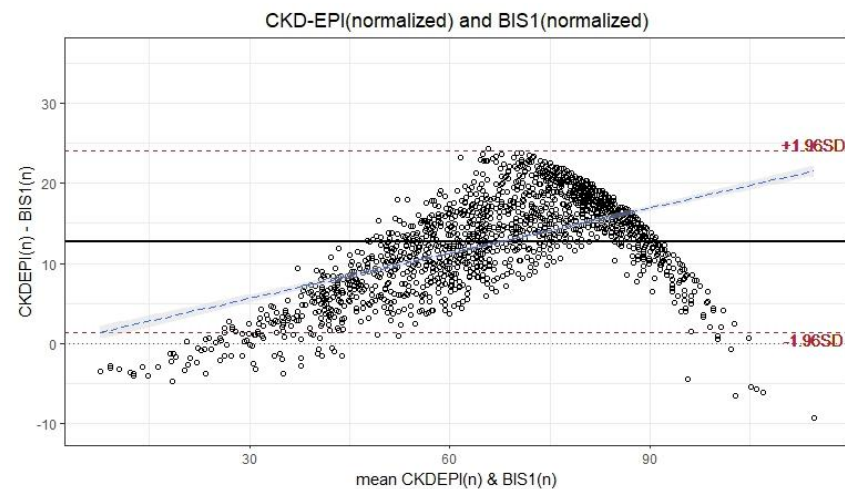
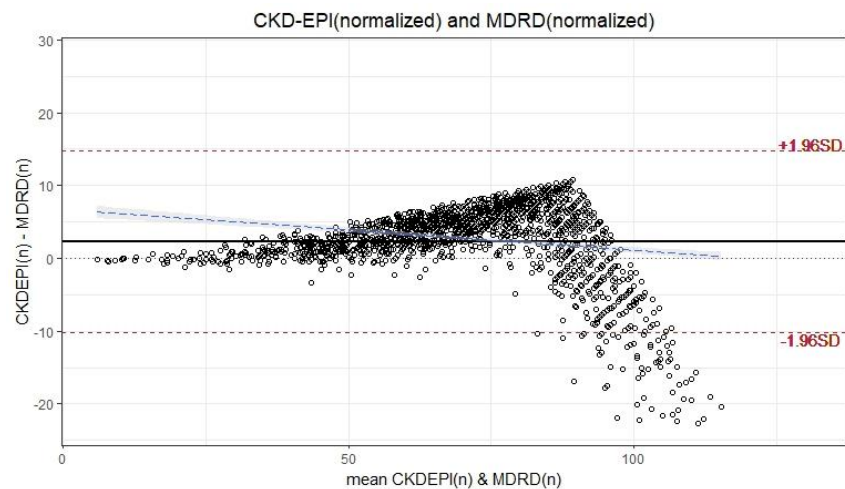
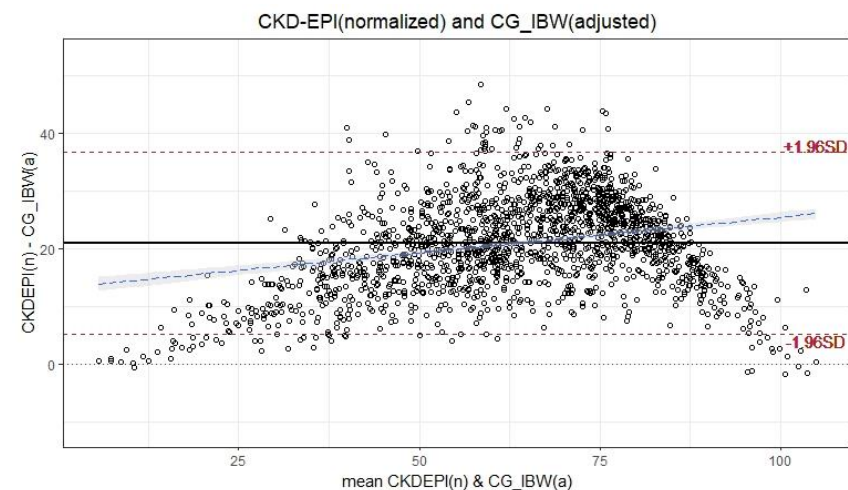
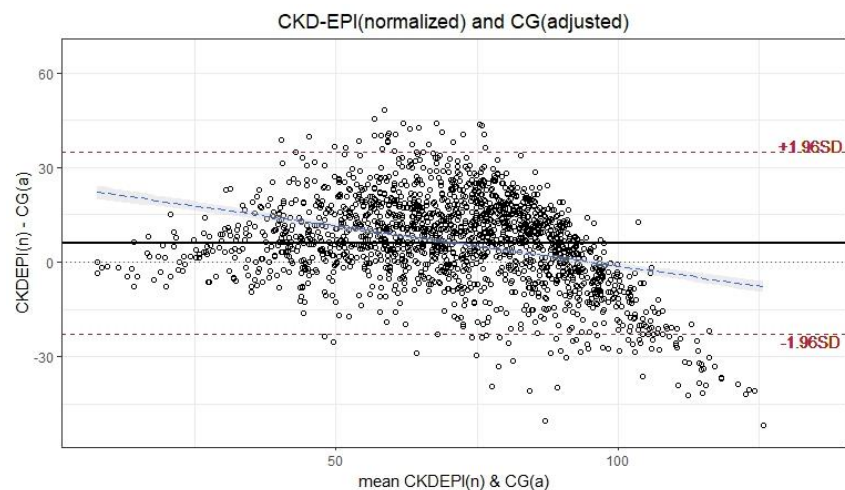
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