Table 1: Test-retest reliability of KinfitR and PMOD

Ligand	Software	Model	Mean	CV (%)	ICC	WSCV (%)	AV (%)
Invasive							
	KinfitR	2TCM	0.76	27.1	0.75	13.9	18.9
	PMOD	2TCM	0.75	27.4	0.72	15.0	20.0
$[^{11}C]$PK11195	KinfitR	Logan	0.76	27.2	0.79	12.9	17.2
	PMOD	Logan	0.79	26.2	0.80	12.2	16.2
	KinfitR	MA1	0.84	26.4	0.73	14.1	17.9
	PMOD	MA1	0.80	28.2	0.67	16.6	19.2
	KinfitR	2TCM	3.84	59.6	0.91	18.4	25.1
	PMOD	2TCM	3.73	57.3	0.89	19.1	26.7
$[^{11}C]$PBR28	KinfitR	Logan	3.75	57.4	0.91	17.7	24.4
	PMOD	Logan	3.68	54.8	0.88	19.4	26.5
	KinfitR	MA1	4.00	58.4	0.91	18.0	24.0
	PMOD	MA1	3.54	53.1	0.91	16.7	23.7
Non-Invasive							
	KinfitR	SRTM	1.59	10.7	0.67	6.3	5.9
	PMOD	SRTM	1.60	11.0	0.67	6.5	5.9
$[^{11}C]$AZ10419369	KinfitR	ref Logan	1.45	8.1	0.61	5.2	4.8
	PMOD	ref Logan	1.49	8.3	0.62	5.3	5.5
	KinfitR	MRTM2	1.42	8.2	0.52	5.9	4.7
	PMOD	MRTM2	1.48	8.0	0.59	5.2	5.5
	KinfitR	SRTM	1.49	11.1	0.83	4.6	5.0
	PMOD	SRTM	1.49	11.2	0.83	4.6	5.0
$[^{11}C]$SCH23390	KinfitR	ref Logan	1.48	11.3	0.82	4.8	5.3
	PMOD	ref Logan	1.56	12.3	0.80	5.6	7.0
	KinfitR	MRTM2	1.49	11.1	0.83	4.6	4.9
	PMOD	MRTM2	1.51	11.3	0.82	4.9	5.4