

animal	isoflurane level	direction	ACT		signal variance	
			$p$	$\tilde{R}^2 (max(R^2))$	$p$	$\tilde{R}^2 (max(R^2))$
1	iso 0.0 %	PFC → V1	1.0000	0.035 (0.110)	0.9861	0.009 (0.060)
		V1 → PFC	0.9996	0.029 (0.215)	0.6644	0.024 (0.089)
	iso 0.5 %	PFC → V1	1.0000	0.016 (0.110)	1.0000	0.024 (0.033)
		V1 → PFC	0.7310	0.003 (0.014)	0.0063*	0.005 (0.011)
	iso 1.0 %	PFC → V1	1.0000	0.006 (0.047)	0.5836	0.002 (0.037)
		V1 → PFC	0.0069*	0.001 (0.032)	0.0000***	0.005 (0.092)
2	iso 0.0 %	PFC → V1	1.0000	0.063 (0.105)	0.8315	0.008 (0.025)
		V1 → PFC	0.9996	0.006 (0.041)	0.0434	0.005 (0.031)
	iso 0.5 %	PFC → V1	1.0000	0.115 (0.155)	0.0440	0.017 (0.103)
		V1 → PFC	1.0000	0.022 (0.125)	0.9985	0.005 (0.086)
	iso 1.0 %	PFC → V1	0.0000**	0.011 (0.111)	0.0000***	0.012 (0.058)
		V1 → PFC	0.0076*	0.009 (0.031)	0.0000***	0.015 (0.032)

\* $p < 0.05$ ; \*\* $p < 0.01$ ; \*\*\* $p < 0.001$