

animal	level	direction	$\delta$		$\theta$		$\alpha$	
			$p$	$\tilde{R}^2 (max(R^2))$	$p$	$\tilde{R}^2 (max(R^2))$	$p$	$\tilde{R}^2 (max(R^2))$
1	iso 0.0 %	PFC → V1	1.0000	0.024 (0.101)	1.0000	0.034 (0.122)	1.0000	0.061 (0.146)
		V1 → PFC	0.9662	0.030 (0.230)	0.8389	0.009 (0.045)	1.0000	0.008 (0.047)
	iso 0.5 %	PFC → V1	1.0000	0.033 (0.090)	1.0000	0.073 (0.132)	1.0000	0.013 (0.117)
		V1 → PFC	0.1319	0.001 (0.010)	1.0000	0.018 (0.058)	0.9097	0.001 (0.015)
	iso 1.0 %	PFC → V1	1.0000	0.009 (0.058)	1.0000	0.009 (0.029)	1.0000	0.012 (0.038)
		V1 → PFC	0.0947	0.002 (0.024)	1.0000	0.003 (0.116)	0.9996	0.004 (0.058)
2	iso 0.0 %	PFC → V1	1.0000	0.060 (0.102)	1.0000	0.055 (0.121)	1.0000	0.036 (0.052)
		V1 → PFC	0.9998	0.006 (0.038)	1.0000	0.012 (0.056)	0.9998	0.010 (0.040)
	iso 0.5 %	PFC → V1	1.0000	0.108 (0.157)	1.0000	0.115 (0.166)	1.0000	0.079 (0.160)
		V1 → PFC	1.0000	0.026 (0.149)	1.0000	0.015 (0.052)	0.6675	0.003 (0.009)
	iso 1.0 %	PFC → V1	0.0000***	0.009 (0.095)	1.0000	0.010 (0.037)	1.0000	0.007 (0.030)
		V1 → PFC	0.0153	0.008 (0.023)	1.0000	0.006 (0.035)	0.7369	0.001 (0.017)

animal	level	site	$\beta$		$\gamma$	
			$p$	$\tilde{R}^2 (max(R^2))$	$p$	$\tilde{R}^2 (max(R^2))$
1	iso 0.0 %	PFC → V1	1.0000	0.069 (0.157)	0.0352	0.005 (0.044)
		V1 → PFC	0.9612	0.010 (0.040)	0.0009**	0.010 (0.028)
	iso 0.5 %	PFC → V1	1.0000	0.033 (0.121)	0.0611	0.031 (0.038)
		V1 → PFC	0.9991	0.010 (0.039)	0.0014**	0.021 (0.028)
	iso 1.0 %	PFC → V1	0.0000***	0.004 (0.019)	0.0000***	0.007 (0.054)
		V1 → PFC	0.0912	0.002 (0.063)	0.0000***	0.006 (0.109)
2	iso 0.0 %	PFC → V1	1.0000	0.021 (0.040)	0.3062	0.015 (0.036)
		V1 → PFC	0.9998	0.002 (0.039)	0.2046	0.002 (0.041)
	iso 0.5 %	PFC → V1	1.0000	0.107 (0.132)	0.6054	0.006 (0.013)
		V1 → PFC	0.0186	0.004 (0.019)	0.0000***	0.022 (0.041)
	iso 1.0 %	PFC → V1	0.9940	0.004 (0.039)	0.0025*	0.003 (0.027)
		V1 → PFC	0.9122	0.002 (0.013)	0.0000***	0.002 (0.058)

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