Environment	Confounder	Method	ATE	SPILL
$SO_4 \rightarrow PM_{2.5}$ $(r = 1)$	NH_4	DAPSM	1.58 ± 0.00	**n/a**
		GCNN	0.68 ± 0.12	n/a
		SPATIAL+	$\mathbf{0.12 \pm 0.04}$	n/a
		SPATIAL	0.12 ± 0.12	n/a
	OC	DAPSM	1.59 ± 0.00	**n/a**
		GCNN	0.61 ± 0.13	n/a
		SPATIAL+	$\mathbf{0.08 \pm 0.04}$	n/a
		SPATIAL	0.08 ± 0.04	n/a
$SO_4 \rightarrow PM_{2.5}$ $(r = 2)$	NH_4	DAPSM	1.50 ± 0.00	**n/a**
		GCNN	0.60 ± 0.05	n/a
		SPATIAL+	0.07 ± 0.04	n/a
		SPATIAL	$\mathbf{0.06 \pm 0.08}$	n/a
	OC	DAPSM	1.52 ± 0.01	**n/a**
		GCNN	0.61 ± 0.15	n/a
		SPATIAL+	0.09 ± 0.05	n/a
		SPATIAL	$\mathbf{0.03 \pm 0.01}$	n/a