Method	Model	Fixed Effects	Controls	Weights	N		Estimate (95% CI)
IV with Dust in the Bodele as instrument	1	Cluster, Year, Country-Month	Household + weather	Y	432,542		15.59 (2.00,29.19)
					990,696		22.24 (9.98,34.51)
	2	Cluster, Year, Country-Month	Household + weather+ ENSO	Y	432,542		18.75 (5.75,31.75)
					990,696		22.91 (11.19,34.63)
	3	Mother, Year, Country-Month	Household + weather	Y	432,542		7.73 (−13.43,28.89)
					990,696		10.49 (−8.74,29.73)
	4	Cluster, Year, Country-Month	Household + weather	N	432,542		13.96 (4.45,23.46)
					990,696		27.11 (19.28,34.94)
IV with Rain in the Bodele as instrument	5	Cluster, Year, Country-Month	Household + weather	Y	432,542		17.74 (2.20,33.28)
					990,696		24.14 (12.07,36.20)
	6	Cluster, Year, Country-Month	Household + weather+ ENSO	Y	432,542		17.13 (3.19,31.06)
					990,696		23.21 (12.10,34.31)
	7	Mother, Year, Country-Month	Household + weather	Y	432,542		11.67 (−13.61,36.96)
					990,696		12.91 (−7.07,32.89)
	8	Cluster, Year, Country-Month	Household + weather	N	432,542		10.03 (−0.59,20.65)
					990,696		25.84 (17.68,33.99)
OLS	9	Cluster, Year, Country-Month	Household + weather	Y	432,542		6.19 (0.40,11.97)
					990,696		8.65 (3.19,14.11)
	10	Mother, Year, Country-Month	Household + weather	Y	432,542		4.48 (−4.55,13.51)
					990,696		7.72 (0.42,15.02)
	11	Cluster, Year, Country-Month	Household + weather	N	432,542		2.22 (−0.99,5.43)
					990,696		6.86 (3.70,10.03)

change in infant mortality rate

○ West Africa
● Full sample