

## **Effects of international climate policy for India: evidence from a national and global CGE model\***

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### **Online appendix**

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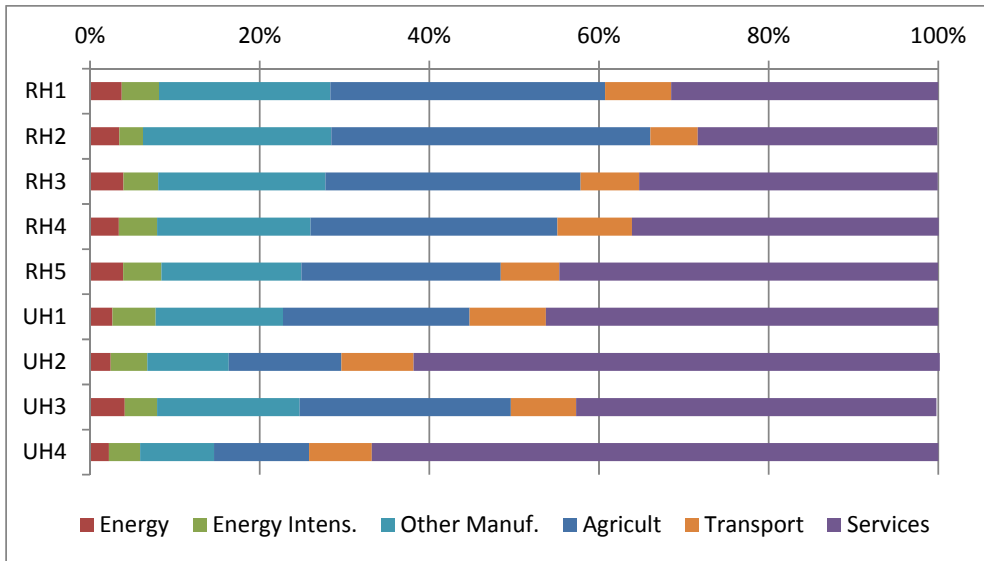


Figure A1. *Expenditure shares for different household types in the base year.*

Table A1. *Surplus allowances, CO<sub>2</sub> prices and resulting international transfer revenues in the policy scenario*

Year	Surplus allowances (Mt CO <sub>2</sub> )		CO <sub>2</sub> price (US\$/tCO <sub>2</sub> )	International transfer revenues			
	DART	IEG		billion US\$		% of baseline GDP	
				DART	IEG	DART	IEG
2015	401.4	-73.3	1.9	0.8	-0.1	0.1%	0.0%
2020	680.0	81.5	6.8	4.6	0.6	0.2%	0.0%
2030	2071.4	1366.6	71.1	144.4	95.3	3.2%	2.1%
2040	1173.6	346.4	145.7	166.8	49.2	2.0%	0.6%
2050	1461.9	681.2	440.8	567.3	264.4	4.7%	2.2%

Table A2. *Accumulated and discounted welfare changes relative to BAU for poor households vs. overall welfare in IEG-CGE*

Fuel price adjustments	International transfers (in US\$)	Poor households' welfare changes <sup>a</sup> when revenues are allocated to:			Overall welfare changes (in %) when revenues are allocated to:		
		poor	all	govt.	poor	all	govt
No	No	+	+	-	-5.1	-3.4	-2.4
No	Yes	+	+	-	-4.5	-2.6	-1.6
Yes	No	+	+	-	-4.3	-2.5	-1.7
Yes	Yes	+	+	-	-3.9	-1.9	-0.9

<sup>a</sup> A "+" indicates that all poor household groups both gain relative to the BAU and that the income gap decreases while a "-" refers to the opposite.