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Differences in carbon emissions reduction between countries pursuing renewable electricity versus nuclear power

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Supplementary online material

Variable	Sample	Timeframe	п	М	SD
GDP per capita	Nuclear countries	Timeframe 1	30	12'735,44	12'374.46
		Timeframe 2	30	19'105.82	16'410.33
	Renewable countries	Timeframe 1	117	6'852.80	10'198.80
		Timeframe 2	123	10'655.29	15'414.76
Nuclear electricity production	Nuclear countries	Timeframe 1	30	26.77	21.46
(%)					
		Timeframe 2	30	27.84	21.38
	Renewable countries	Timeframe 1	117	6.86	15.90
		Timeframe 2	123	6.79	15.90
Renewable electricity	Nuclear countries	Timeframe 1	30	20.77	21.86
production (%)					
		Timeframe 2	30	20.30	20.34
	Renewable countries	Timeframe 1	117	39.03	34.93
		Timeframe 2	123	35.64	32.79
CO ₂ emissions (metric tons per	Nuclear countries	Timeframe 1	30	7.40	4.42
capita)					
		Timeframe 2	30	7.22	3.97
	Renewable countries	Timeframe 1	117	4.59	4.60
		Timeframe 2	123	4.67	4.98

Table SOM1: Metric characteristics of all research variables

Source: Authors

Table SOM2: List of countries included per analysis

	Timeframe 1	Timeframe 2			
Nuclear	Argentina, Armenia, Belgium, Bulgaria, Brazil, Canada, Switzerland, China, Czech Republic, Germany,				
countries	Spain, Finland, France, United Kingdom, Hungary, India, Japan, Korea Rep., Lithuania, Mexico,				
	Netherlands, Pakistan, Romania, Russian Federation, Slovak Republic, Slovenia, Sweden, Ukraine, United				
	States, South Africa				
Renewable	Angola, Albania, Argentina, Armenia, Australia,	Angola, Albania, Argentina, Armenia, Australia,			
countries	Austria, Azerbaijan, Belgium, Benin, Bangladesh,	Austria, Azerbaijan, Belgium, Benin, Bangladesh,			
	Bulgaria, Bosnia and Herzegovina, Belarus,	Bulgaria, Bosnia and Herzegovina, Belarus, Bolivia,			
	Bolivia, Brazil, Canada, Switzerland, Chile, China,	Brazil, Canada, Switzerland, Chile, China, Cote			
	Cote d'Ivoire, Cameroon, Congo (Dem. Rep.),	d'Ivoire, Cameroon, Congo (Dem. Rep.), Congo			
	Congo (Rep.), Colombia, Costa Rica, Cuba, Czech	(Rep.), Colombia, Costa Rica, Cuba, Cyprus, Czech			
	Republic, Germany, Denmark, Dominican	Republic, Germany, Denmark, Dominican Republic,			
	Republic, Algeria, Ecuador, Egypt, Arab Rep.,	Algeria, Ecuador, Egypt, Arab Rep., Eritrea, Spain,			
	Eritrea, Spain, Estonia, Ethiopia, Finland, France,	Estonia, Ethiopia, Finland, France, Gabon, United			
	Gabon, United Kingdom, Georgia, Ghana, Greece,	Kingdom, Georgia, Ghana, Greece, Guatemala,			
	Guatemala, Honduras, Croatia, Haiti, Hungary,	Honduras, Croatia, Haiti, Hungary, Indonesia, India,			
	Indonesia, India, Ireland, Iran, Iraq, Iceland, Israel,	Ireland, Iran, Iraq, Iceland, Israel, Italy, Jamaica,			
	Italy, Jamaica, Jordan, Japan, Kazakhstan, Kenya,	Jordan, Japan, Kazakhstan, Kenya, Kyrgyz			
	Kyrgyz Republic, Korea (Rep.), Lebanon, Sri	Republic, Cambodia, Korea (Rep.), Lebanon, Sri			
	Lanka, Lithuania, Luxembourg, Latvia, Morocco,	Lanka, Lithuania, Luxembourg, Latvia, Morocco,			

Moldova, Mexico, Macedonia (FYR), Mozambique, Mauritius, Malaysia, Namibia, Nigeria, Nicaragua, Netherlands, Norway, Nepal, New Zealand, Pakistan, Panama, Peru, Philippines, Poland, Portugal, Paraguay, Romania, Russian Federation, Sudan, Senegal, Singapore, El Salvador, Slovak Republic, Slovenia, Sweden, Syrian Arab Republic, Togo, Thailand, Tajikistan, Turkmenistan, Trinidad and Tobago, Tunisia, Turkey, Tanzania, Ukraine, Uruguay, United States, Uzbekistan, Venezuela, Vietnam, South Africa, Zambia, Zimbabwe Moldova, Mexico, Macedonia (FYR), Myanmar, Montenegro, Mozambique, Mauritius, Malaysia, Namibia, Niger, Nigeria, Nicaragua, Netherlands, Norway, Nepal, New Zealand, Pakistan, Panama, Peru, Philippines, Poland, Portugal, Paraguay, Romania, Russian Federation, Sudan, Senegal, Singapore, El Salvador, Serbia, Suriname, Slovak Republic, Slovenia, Sweden, Syrian Arab Republic, Togo, Thailand, Tajikistan, Trinidad and Tobago, Tunisia, Turkey, Tanzania, Ukraine, Uruguay, United States, Uzbekistan, Venezuela, Vietnam, South Africa, Zambia, Zimbabwe