

Updates:
Region characteristics of patent citations

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1 Regression Results

The results are in Table 1

Table 1: Effect of Geographic Distribution of Citations Made on Citations Received

	(1)		(2)	
	Citations Received		Citations Received	
	β	p-value	β	p-value
Share Citations Made[Same Region, Same Assignee]	-0.169	0.158	-0.0200	0.913
Share Citations Made[Same Region, Different Assignee]	-0.0597	0.593	-0.125	0.351
Share Citations Made[Different Region, Same Assignee]	0.0630	0.336	0.185	0.041
Share Citations Made[Different Region, Different Assignee]	0.0488	0.056	0.0641	0.107
Log(Total Citations Made)	0.0131	0.001	0.0126	0.025
Log (Num Patents)	0.779	0.000	0.852	0.000
Log (Patent Pool Size)	-0.128	0.000	-0.123	0.000
Constant	-0.177	0.047	-0.748	0.000
Region Fixed Effects	Yes		Yes	
Year Dummies	Yes		Yes	
HJT Technological Subcategories	Yes		Yes	
Observations	10966		5289	
Number of Regions	1590		774	
Sample	All Regions		Non-US Regions	

p-values in second column

Table 2: Effect of Geographic Distribution of Citations Made on Citations Received

	(1)		(2)	
	Citations Received		Citations Received	
	β	p-value	β	p-value
Share Citations Made[Same Region, Same Assignee]	-0.169	0.158	7.542	0.000
Share Citations Made[Same Region, Different Assignee]	-0.0597	0.593	0.0668	0.961
Share Citations Made[Different Region, Same Assignee]	0.0630	0.336	-0.520	0.109
Share Citations Made[Different Region, Different Assignee]	0.0488	0.056	-0.473	0.000
Share [Same Region, Same Assignee] * IPR			-0.774	0.000
Share [Same Region, Different Assignee] * IPR			-0.0103	0.935
Share [Different Region, Same Assignee] * IPR			0.0607	0.071
Share [Different Region, Different Assignee] * IPR			0.0538	0.000
Log(Total Citations Made)	0.0131	0.001	0.0116	0.003
Log (Num Patents)	0.779	0.000	0.800	0.000
Log (Patent Pool Size)	-0.128	0.000	-0.160	0.000
Constant	-0.177	0.047	-0.0717	0.433
Observations	10966		10895	
Sample	MSA-Urban Centres		MSA-Urban Centres	

p-values in second column

Table 3: Effect of Geographic Distribution of Citations Made on Citations Received

	(1) Citations Received		(2) Citations Received	
	β	p-value	β	p-value
Share Citations Made[Same Region, Same Assignee]	-0.0200	0.913	7.873	0.000
Share Citations Made[Same Region, Different Assignee]	-0.125	0.351	-1.560	0.314
Share Citations Made[Different Region, Same Assignee]	0.185	0.041	-0.245	0.452
Share Citations Made[Different Region, Different Assignee]	0.0641	0.107	-0.269	0.021
Share [Same Region, Same Assignee] * IPR			-0.791	0.000
Share [Same Region, Different Assignee] * IPR			0.134	0.343
Share [Different Region, Same Assignee] * IPR			0.0469	0.177
Share [Different Region, Different Assignee] * IPR			0.0357	0.002
Log(Total Citations Made)	0.0126	0.025	0.0111	0.049
Log (Num Patents)	0.852	0.000	0.879	0.000
Log (Patent Pool Size)	-0.123	0.000	-0.157	0.000
Constant	-0.748	0.000	-0.653	0.000
Observations	5289		5218	
Sample	Non-US MSA-Urban Centres		Non-US MSA-Urban Centres	

p-values in second column

Table 4: Effect of Geographic Distribution of Citations Made on Citations Received

	(1)		(2)	
	Citations Received		Citations Received	
	β	p-value	β	p-value
Share Citations Made[Same Region, Same Assignee]	7.542	0.000	7.873	0.000
Share Citations Made[Same Region, Different Assignee]	0.0668	0.961	-1.560	0.314
Share Citations Made[Different Region, Same Assignee]	-0.520	0.109	-0.245	0.452
Share Citations Made[Different Region, Different Assignee]	-0.473	0.000	-0.269	0.021
Share [Same Region, Same Assignee] * IPR	-0.774	0.000	-0.791	0.000
Share [Same Region, Different Assignee] * IPR	-0.0103	0.935	0.134	0.343
Share [Different Region, Same Assignee] * IPR	0.0607	0.071	0.0469	0.177
Share [Different Region, Different Assignee] * IPR	0.0538	0.000	0.0357	0.002
Log(Total Citations Made)	0.0116	0.003	0.0111	0.049
Log (Num Patents)	0.800	0.000	0.879	0.000
Log (Patent Pool Size)	-0.160	0.000	-0.157	0.000
Constant	-0.0717	0.433	-0.653	0.000
Observations	10895		5218	
Sample	MSA-Urban Centres		Non-US MSA-Urban Centres	

p-values in second column