

# The effect of inventor mobility on invention productivity

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## **1 Regression Results**

Table 1: Regression Results

Regional Mobility of Inventors and Productivity of Inventors			
VARIABLES	(1) Productivity	(2) Productivity	(3) Productivity
Moved Region (MR)	1.5328*** (0.2967)	0.8679*** (0.1278)	0.5668*** (0.0851)
Prior Patents of Inventor (PPI)		0.0866*** (0.0065)	0.0740*** (0.0019)
Prior Patents of Team (PPT)		0.0004* (0.0002)	0.0005*** (0.0002)
MR x PPI			0.0335*** (0.0078)
MR x PPT			-0.0006*** (0.0002)
Constant	1.7242*** (0.1644)	1.7335*** (0.0746)	1.7487*** (0.0848)
Observations	3,981,822	3,440,812	3,440,812
$R^2$	0.0292	0.3001	0.3096
Year FE	Yes	Yes	Yes
Technology FE	Yes	Yes	Yes
Clustered SE	Country	Country	Country

Robust standard errors in parentheses

\*\*\* p&lt;0.01, \*\* p&lt;0.05, \* p&lt;0.1

Table 2: Regression Results

Country Mobility of Inventors and Productivity of Inventors			
VARIABLES	(1) Productivity	(2) Productivity	(3) Productivity
Moved Country (MC)	1.7074*** (0.4054)	0.9275*** (0.1655)	0.5005*** (0.1186)
Prior Patents of Inventor (PPI)		0.0875*** (0.0066)	0.0775*** (0.0027)
Prior Patents of Team (PPT)		0.0004** (0.0002)	0.0005*** (0.0002)
MC x PPI			0.0381*** (0.0062)
MC x PPT			-0.0009* (0.0005)
Constant	1.7096*** (0.1609)	1.7260*** (0.0727)	1.7337*** (0.0810)
Observations	3,981,822	3,440,812	3,440,812
$R^2$	0.0176	0.2962	0.3063
Year FE	Yes	Yes	Yes
Technology FE	Yes	Yes	Yes
Clustered SE	Country	Country	Country

Robust standard errors in parentheses

\*\*\* p&lt;0.01, \*\* p&lt;0.05, \* p&lt;0.1

Table 3: Regression Results

Regional Mobility of Inventors and Productivity of Inventors			
VARIABLES	(1) Productivity	(2) Productivity	(3) Productivity
Moved Region (MR)	1.3974*** (0.0997)	0.7966*** (0.0531)	0.5571*** (0.0556)
Prior Patents of Inventor (PPI)		0.0852*** (0.0041)	0.0741*** (0.0027)
Prior Patents of Team (PPT)		0.0004*** (0.0001)	0.0005*** (0.0001)
MR x PPI			0.0282*** (0.0054)
MR x PPT			-0.0005*** (0.0002)
Constant	1.7123*** (0.0894)	1.7258*** (0.0468)	1.7404*** (0.0504)
Observations	2,886,438	2,507,963	2,507,963
$R^2$	0.0282	0.2940	0.3010
Year FE	Yes	Yes	Yes
Technology FE	Yes	Yes	Yes
Clustered SE	Region	Region	Region

Robust standard errors in parentheses

\*\*\* p&lt;0.01, \*\* p&lt;0.05, \* p&lt;0.1

Table 4: Regression Results

Country Mobility of Inventors and Productivity of Inventors			
VARIABLES	(1) Productivity	(2) Productivity	(3) Productivity
Moved Country (MC)	1.8086*** (0.1945)	0.9959*** (0.0892)	0.6032*** (0.1072)
Prior Patents of Inventor (PPI)		0.0860*** (0.0041)	0.0774*** (0.0036)
Prior Patents of Team (PPT)		0.0004*** (0.0001)	0.0005*** (0.0001)
MC x PPI			0.0332*** (0.0083)
MC x PPT			-0.0006 (0.0006)
Constant	1.7019*** (0.0871)	1.7212*** (0.0453)	1.7294*** (0.0483)
Observations	2,886,438	2,507,963	2,507,963
$R^2$	0.0173	0.2903	0.2980
Year FE	Yes	Yes	Yes
Technology FE	Yes	Yes	Yes
Clustered SE	Region	Region	Region

Robust standard errors in parentheses

\*\*\* p&lt;0.01, \*\* p&lt;0.05, \* p&lt;0.1

Table 5: Regression Results

Regional Mobility of Inventors and Productivity of Inventors			
VARIABLES	(1) Productivity	(2) Productivity	(3) Productivity
Moved Region (MR)	1.5681*** (0.0926)	0.9204*** (0.0606)	0.6239*** (0.0654)
Prior Patents of Inventor (PPI)		0.0803*** (0.0138)	0.0683*** (0.0124)
Prior Patents of Team (PPT)		0.0003*** (0.0000)	0.0005*** (0.0000)
MR x PPI			0.0319*** (0.0051)
MR x PPT			-0.0005*** (0.0002)
Constant	1.7227*** (0.0197)	1.7344*** (0.0218)	1.7489*** (0.0207)
Observations	4,120,577	3,563,673	3,563,673
$R^2$	0.0298	0.2888	0.2984
Year FE	Yes	Yes	Yes
Technology FE	Yes	Yes	Yes
Clustered SE	Technology	Technology	Technology

Robust standard errors in parentheses

\*\*\* p&lt;0.01, \*\* p&lt;0.05, \* p&lt;0.1

Table 6: Regression Results

Country Mobility of Inventors and Productivity of Inventors			
VARIABLES	(1) Productivity	(2) Productivity	(3) Productivity
Moved Country (MC)	1.7541*** (0.1470)	0.9859*** (0.0872)	0.5779*** (0.1018)
Prior Patents of Inventor (PPI)		0.0812*** (0.0139)	0.0719*** (0.0125)
Prior Patents of Team (PPT)		0.0004*** (0.0000)	0.0005*** (0.0000)
MC x PPI			0.0351*** (0.0075)
MC x PPT			-0.0009* (0.0005)
Constant	1.7081*** (0.0213)	1.7267*** (0.0217)	1.7340*** (0.0213)
Observations	4,120,577	3,563,673	3,563,673
$R^2$	0.0179	0.2845	0.2940
Year FE	Yes	Yes	Yes
Technology FE	Yes	Yes	Yes
Clustered SE	Technology	Technology	Technology

Robust standard errors in parentheses

\*\*\* p&lt;0.01, \*\* p&lt;0.05, \* p&lt;0.1