



# Correction: The timing dilemma: understanding the determinants of innovative startups' patent collateralization for loans

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## Correction: Small Business Economics

<https://doi.org/10.1007/s11187-022-00645-2>

The original online version of this article was revised: There are several entries missing in Table 5 of the published version. The correct presentation should appear as below:

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The original article can be found online at <https://doi.org/10.1007/s11187-022-00645-2>.

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**Table 5** Descriptive statistics and correlations (matched sample)

Variable	Mean	S. D	Min	Max	1	2	3	4	5	6	7	8	9
1. Pledge	0.151	0.358	0	1									
2. Patent age	1.554	0.373	0	2.398	0.023*								
3. VC backing	0.008	0.090	0	1	0.034*	0.012							
4. High-tech certification	0.168	0.374	0	1	0.032*	-0.025*	-0.005						
5. Core	0.808	0.394	0	1	0.024*	-0.019*	-0.032*	-0.051*					
6. No. of inventors	1.267	0.481	0.693	3.367	0.001	-0.002	-0.020*	0.018*	-0.061*				
7. No. of applicants	0.703	0.068	0.693	1.792	-0.003	0.014*	-0.013*	-0.014*	-0.017*	0.083*			
8. No. of pages	2.273	0.398	1.386	5.136	-0.002	0.065*	0.051*	0.022*	-0.021*	0.032*	0.042*		
9. No. of claims	1.755	0.579	0	4.595	0.001	0.027*	0.025*	0.048*	-0.022*	-0.012	0.033*	0.460*	
10. No. of fields	0.824	0.213	0.693	1.792	-0.013*	0.029*	-0.002	-0.007	-0.071*	0.015*	-0.017*	0.025*	0.040*
11. No. of backward citations	1.086	0.645	0	3.296	0.044*	-0.134*	-0.001	-0.026*	0.031*	-0.002	-0.033*	0.035*	0.047*
12. No. of forward citations	0.747	0.695	0	4.094	0.027*	0.069*	0.017*	0.007	0.016*	0.071*	-0.002	0.105*	0.115*
13. PCT	0.001	0.038	0	1	0.009	0.025*	-0.003	0.001	0.016*	0.011	-0.006	0.041*	0.051*
14. Firm age	1.724	0.380	0.693	2.398	0.040*	0.750*	0.029*	0.013*	-0.129*	0.084*	0.01	0.114*	0.084*
15. Patent portfolio size	1.756	1.193	0.278	7.424	-0.011	0.059*	0.044*	0.047*	-0.269*	0.082*	0.018*	0.155*	0.171*
16. Pledge experience	0.136	0.453	0	3.714	0.01	0.128*	0.049*	-0.018*	-0.073*	0.051*	0.025*	0.01	0.049*
17. Technological diversity	0.312	0.278	0	0.913	-0.024*	0.038*	0.024*	0.077*	-0.457*	0.076*	0.01	0.055*	0.045*
18. Technological competence	2.910	0.867	0.111	6.252	0.022*	-0.071*	-0.048*	-0.077*	0.609*	-0.020*	-0.019*	-0.128*	-0.069*
19. Public status	0.036	0.187	0	1	-0.049*	-0.089*	-0.018*	0.036*	-0.061*	0.079*	0.001	0.029*	0.016*
20. Licensing probability	0.022	0.014	0	0.117	0.074*	0.219*	-0.051*	-0.040*	0.026*	0.020*	0.015*	-0.059*	-0.004
21. Market structure	0.079	0.065	0.022	0.313	-0.002	0.041*	0.088*	0.045*	-0.042*	-0.028*	-0.001	0.181*	0.105*
22. Marketization index	2.180	0.175	1.261	2.393	0.047*	0.155*	0.005	0.048*	-0.031*	-0.099*	0.039*	0.061*	0.130*
Variable	10	11	12	13	14	15	16	17	18	19	20	21	22
1. Pledge													
2. Patent age													
3. VC backing													
4. High-tech certification													
5. Core													
6. No. of inventors													
7. No. of applicants													
8. No. of pages													
9. No. of claims													
10. No. of fields													

Table 5 (continued)

Variable	10	11	12	13	14	15	16	17	18	19	20	21
11. No. of backward citations	-0.045*											
12. No. of forward citations	0.082*	0.061*										
13. PCT	-0.017*	0.029*	0.01									
14. Firm age	0.025*	-0.060*	0.080*	0.022*								
15. Patent portfolio size	0.038*	0.042*	0.052*	-0.009	0.392*							
16. Pledge experience	0.040*	-0.019*	0.030*	0.014*	0.273*	0.389*						
17. Technological diversity	0.081*	-0.003	0.005	-0.004	0.213*	0.424*	0.099*					
18. Technological competence	-0.042*	0.009	-0.012	0.012	-0.204*	-0.388*	-0.097*	-0.608*				
19. Public status	-0.011	0.058*	0.012	0.011	0.065*	0.196*	0.029*	0.117*	-0.103*			
20. Licensing probability	0.018*	-0.021*	0.022*	0.013*	0.236*	0.058*	0.105*	-0.034*	0.089*	0.044*		
21. Market structure	-0.015*	0.01	0.018*	0.001	0.058*	0.202*	-0.003	0.098*	-0.300*	-0.002	-0.247*	
22. Marketization index	0.013*	0.082*	0.029*	0.008	0.193*	0.106*	0.073*	0.067*	-0.110*	-0.015*	0.080*	0.043*

Note: N = 23,190; year dummies, industry dummies and region dummies are excluded from this table; \* Significant at the 5% level

Also, in Table 3, the original content “Eq. (2)” and “Eq. (3)” should be modified to “Eq. (2)” and “Eq. (3)”, respectively.

The original article has been corrected.

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