ONLINE APPENDIX

Appendix A: Database Construction Procedures, Summary Statistics, Correlation Matrix, PSM Tests, and Control Variables

Database Construction Procedures

To obtain unique identifiers for entrepreneurs/firms in the Chinese Private Entrepreneurs Survey (CPES) Data from the Chinese Academy of Social Science (CASS), one approach is to use initial conditions and other fixed characteristics. Same firms have identical values for these variables, and this facilitates identifying the common firms over time. These identifying variables include founding conditions such as initial sources of funding, initial financial indicators (e.g., total assets, sales, registered capital, taxes, and fees), and initial employee makeup (e.g., number of technicians, managers, and workers), all of which are reported in different survey waves. This approach has been confirmed by data providers as an accurate way to identify firms and has been used by other researchers. These are the basic steps of this procedure:

- 1. Assuming a researcher is working from the individual raw data files for each year, s/he would first need to clean these files, particularly making variable names consistent. Generating a codebook to indicate the common names and available years of each variable is a helpful first step. The researcher needs to attend to this closely as order of questions, naming conventions, and other details in the survey questionnaires were not consistent over time. Generate the line number of each firm in the original dataset, and this will be the year-ID of that firm in that year. After this, the researcher can pool the original datasets together to get a full sample encompassing all the available years.
- 2. To get the dictionary linking year, year-IDs and the unique-IDs, merge pairs of datasets from survey waves by relying on the codebook generated from the step above, which provides availability of these identifying variables. For instance, the researcher can start by matching 1993 and 1995 data with the available identifying variables, e.g., initial investments variables. Then 1993 with 1997, 2000, 2002, and so on; 1995 with 1997, 2000, 2002, and so on; 1997 with 2000, 2002, and so on; and so on. For each pair of two waves, select the generic identifying variables that are available—such as initial sources of funding—first, and if there are too many missing values and/or inconsistencies (e.g., in terms of rounding and other reporting errors), then use other identifying variables to match the two waves. Due to different sources of inconsistency such as input or reporting errors, frequently manual inspection and human judgment is necessary to determine whether the two observations indeed match. This step results in pairs of matches of year-IDs, e.g., IDs in 1993 to be linked to IDs in 1995.

- 3. Regarding the unique-IDs, the researcher can set 1993 as the benchmark and begin with that year, then unique-IDs would be equal to the year-IDs or the line number in that year—1993 in this example. Find out which lines can be matched with 1993's lines in the 1995 dataset and add that corresponding unique-ID to the year-ID in 1995. Continue in this fashion, add unique-IDs for the 1997 to 2012 data. Then continue year by year and assign unique-IDs to the unmatched data. For instance, if the first unmatched line in 1995 is line (year-ID) 4, continue numbering that line based on the next number in the unique-ID sequence. For example, if the largest unique-ID number for 1993 is 1000, then assign 1001 to the line 4 of 1995 and continue until every unmatched line has a unique-ID. Then use the unmatched 1995 lines with the newly assigned unique-IDs to match 1997, 2000, and so on, continuing in this fashion to get a year-ID-line dictionary. Note that the researcher would need to cross-check the match over time after the series of dyadic matches, i.e., if line 5 in 1995 and line 9 in 1997 are both matched to line 3 in 1993, then the first two should be identical in other identifying variables—if available. Again, this process involves manual inspection and human judgment in case of different sources of inconsistency such as rounding issues of decimal places (sometimes different waves report different decimal levels), missing values (and thus need other identifying variables), and potential input or reporting errors.
- 4. Finally, generate a dataset containing year-ID-line for all years by pooling them together. Then merge the pooled year-ID-line with the entire sample (from step 1) to create an overall database that includes unique identifiers.

Table A1. Summary Statistics and Correlation Matrix (N = 20,564)*

1. Invarial internationalization (0/2) investment (Val) 1.1 3.0	Variable	Mean	S.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2. Invarial internationalization (foreign avectment/odd) 11 12 2.6 3. Outvari internationalization (verseas assets/total) 21 4.8 1.2 1.1 -7.4	1. Inward internationalization (0/1)	.15	.36															
3. Outvard internationalization (verses assets/total) 1.12 3.8 1.24 1.4 </td <td>2. Inward internationalization (foreign investment/total)</td> <td>.11</td> <td>.12</td> <td>.63</td> <td></td>	2. Inward internationalization (foreign investment/total)	.11	.12	.63														
4. Outvard internationalization (oveneers assets/total)	3. Outward internationalization (0/1)	.18	.38	.14	.14													
5. Metoological imprint .21 .41 -18 -16 -19 6. Political involvement .30 .46 .04 .07 .00 .00 .02 .00 .02 7. Government appropriation .13 .10 .05 .15 .07 .02 .10 .02 .00 .02 9. Post 2001 .66 .47 .07 .00 .04 .08 .04 .02 .00 .03 .04 .04 .01 .04 .02 .00 .05 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04	4. Outward internationalization (overseas assets/total)	.12	.48	.12	.11	.43												
6. Political involvement 6. Political 6. Politica 6. Political 6. Politica 6. Politic	5. Ideological imprint	.21	.41	18	15	16	19											
7. Covernment appropriation 1.1 0. 0.5 1.5 -07 -02 0.0 -02 0.0 -02 0.0 9. Post 2001 .66 4.7 07 0.20 0.0 0.8 -0.6 -0.5 -0.5 .49 -	6. Political involvement	.30	.46	.04	.07	.01	.05	06										
8. Social network .69 .46 .04 .07 .05 -01 .02 .09 .04 .04 .09 .04 .00 .09 .04 .00 .05 .49	7. Government appropriation	.13	.10	.05	.15	07	02	.03	.00									
9. Post 2001	8. Social network	.69	.46	.04	.07	.05	01	02	.10	.02								
10. Age 25 28 1.0 20 0.8 0.00 0.00 0.04 0.04 0.04 0.04 0.04 0.04 0.05 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.05 0.05 0.04 0.05 0.05 0.04 0.05 0.05 0.05 0.04 0.05 0.05 0.05 0.04 0.05	9. Post 2001	.66	.47	.07	.09	.14	.02	.09	07	23	04							
11. Age 45.29 8.71 0.01 0.2 0.01 0.20 0.04 -0.08 -0.1 -0.25 -1.7 -1.6 -1.5 -1.7 -1.6	10. Regional FDI intensity	.25	.28	.10	.20	.08	.00	.08	06	05	05	.49						
12. Educational attainment 12.89 1.62 03 02 .00 02 .06 .05 01 01 04 .00 03 .00 13 02 .06 .03 .00 13 02 .06 .01 01 .04 .00 .05 .29 .09 .03 .00 14 01 .01 .01 .01 .01 .02 .00 .01 .00 .05 .06 .03 .03 .04 .10 .00 .05 .06 .03 .01 .04 .04 .00 .05 .05 .01 .01 .02 .03 .01 .02 .00 .03 .01 <td< td=""><td>11. Age</td><td>45.29</td><td>8.71</td><td>.01</td><td>.01</td><td>.02</td><td>.01</td><td>.02</td><td>.04</td><td>08</td><td>01</td><td>.14</td><td>.08</td><td></td><td></td><td></td><td></td><td></td></td<>	11. Age	45.29	8.71	.01	.01	.02	.01	.02	.04	08	01	.14	.08					
13. Current communis ideology 5.53 2.52 -01 01 -13 -42 00 -02 06 00 0.1 -01 -01 14. Foreign experience 0.9 2.1 4.0 0.0 0.0 0.0 -0.0 -0.0 0.0 -0.0 0.0	12. Educational attainment	12.89	1.62	03	02	02	.00	02	.06	.05	01	32	17	16				
14. Foreign experience 21 41 0.3 0.4 0.5 1.05 25 -0.4 1.8 11 0.5 -0.4 1.8 11 0.5 -0.4 0.0 0.5 -0.8 -0.5 -0.4 0.1 0.5 -0.4 0.0 0.0 -0.4 0.0 0.0 -0.4 0.0 0.0 -0.4 0.0 0.0 -0.4 0.0 0.0 -0.4 0.0 0.0 -0.4 0.0 0.0 -0.4 0.0 0.0 -0.4 0.0 0.0 -0.4 0.0 0.0 -0.4 0.0 0.0 -0.1 0.0 <td>13. Current communist ideology</td> <td>5.53</td> <td>2.52</td> <td>01</td> <td>01</td> <td>.01</td> <td>01</td> <td>.34</td> <td>24</td> <td>.01</td> <td>02</td> <td>.06</td> <td>.00</td> <td>13</td> <td>02</td> <td></td> <td></td> <td></td>	13. Current communist ideology	5.53	2.52	01	01	.01	01	.34	24	.01	02	.06	.00	13	02			
15. Government work sperience .09 .28 .02 .02 .04 .04 .11 .05 04 .02 .00 15. Firm size .33 .22 .01 .02 .00 .01 .01 .05 .06 .03 .03 .04 .11 .07 24 .04 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05 .01 .	14. Foreign experience	.21	.41	.03	.04	.05	.01	.05	.29	09	.09	.33	07	.00	14	01		
16. Firm size 5.61 1.69 0.2 0.2 0.0 0.2 2.0 -0.6 0.3 0.3 0.4 1.1 0.7 -2.4 0.4 0.00 18. Firm age 7.89 5.59 0.5 0.5 0.1 1.0 0.1 0.5 0.6 0.2 0.0 -0.1 0.5 0.0 -0.1 0.0 0.0 -0.1 0.0 0.0 -0.1 0.0 0.0 -0.1 0.0	15. Government work experience	.09	.28	.02	.02	.04	.00	.05	08	05	04	.18	.11	.05	04	.02	.00	
17. Financial leverage .1.3 .2.2 .0.1 .0.2 .0.0 .0.1 .0.1 .0.1 .0.2 .0.3 .0.4 .0.4 .0.5 .0.5 .1.2 .0.1 18. Firm age .7.89 .5.5 .0.5 .0.1 .0.0 .0.7 .2.2 .1.9 .4.1 .3.5 .1.1 .0.4 .0.6 .0.5 .0.1 .0.0 .0.7 .2.0 .0.3 .4.1 .3.5 .1.1 .0.4 .0.6 .0.3 .0.0 .0.7 .0.0 .0.7 .0.0 .0.1 .0.1 .0.0 .0.0 .0.1 .0.1 .0.1 .0.0 .0.0 .0.1	16. Firm size	3.61	1.69	.02	.02	.02	.01	.02	.20	06	.03	.03	.04	.11	.07	24	.04	.00
18. Firm age 7.89 5.59 .05 .05 .05 .05 .01 .01 .07 -20 .03 .41 .35 .15 18 .06 .05 .21 .00 .07 -20 .03 .10 .12 .01 .04 .00 .05 .01 .05 .03 .10 .12 .01 .04 .03 .00 .07 .06 .03 .05 .03 .00 .01 .01 .00 .00 .02 .00 .01 .01 .01 .01 .01 .00	17. Financial leverage	.13	.22	.01	.02	.00	01	.01	.05	.06	.02	.03	04	.04	05	05	.12	01
19. Industry average (inward internationalization 0/1) .15 .04 .06 .05 .11 .02 .00 .07 -20 .03 .41 .35 .11 -23 .01 .28 .09 20. Industry average (outward internationalization, continuous) .11 .04 .95 .62 .04 .05 .00 .05 .03 .04 .25 .09 .00 .01 .01 .01 .01 .01 .01 .05 .02 .09 .04 .03 .00 23. Manufacturing firm .22 .23 .00 .01 .01 .01 .01 .01 .01 .00	18. Firm age	7.89	5.59	.05	.05	.11	.01	.10	21	22	19	.49	.45	.15	18	.06	05	.22
20. Industry average (inward internationalization, continuous) 1.1 0.4 .95 .62 .04 .01 -06 .03 .05 .03 .10 .12 .01 -04 .00 .06 .03 21. Industry average (outward internationalization, continuous) .12 .06 .02 .02 .02 .00 .01 .01 .00 .01 .01 .00 .01 .01 .00 .01 .01 .00 .01 .00	19. Industry average (inward internationalization 0/1)	.15	.04	.06	.05	.11	.02	.00	.07	20	.03	.41	.35	.11	23	.01	.28	.09
21. Industry average (outward internationalization (/1) .18 .09 .05 .04 .05 .00 .00 27 .06 .49 .25 .09 -09 .04 .18 .10 22. Industry average (outward internationalization, continuous) .12 .065 .02 .02 .09 .00 .01 .	20. Industry average (inward internationalization, continuous)	.11	.04	.95	.62	.04	.01	06	.03	.05	.03	.10	.12	.01	04	.00	.06	.03
22. Industry average (outward internationalization, continuous) .12 .06 .02 .09 .22 .07 .07 -05 .01 .05 .02 .04 .03 .00 .01 .00 .01 <t< td=""><td>21. Industry average (outward internationalization 0/1)</td><td>.18</td><td>.09</td><td>.05</td><td>.04</td><td>.24</td><td>.05</td><td>.00</td><td>.00</td><td>27</td><td>.06</td><td>.49</td><td>.25</td><td>.09</td><td>09</td><td>.04</td><td>.18</td><td>.10</td></t<>	21. Industry average (outward internationalization 0/1)	.18	.09	.05	.04	.24	.05	.00	.00	27	.06	.49	.25	.09	09	.04	.18	.10
23. Manufacturing firm .22 .23 .00 -01 .01 -01 -05 .02 .04 .03 03 04 .08 .01 .01 24. Poor Internet coverage .11 .14 .00 .01	22. Industry average (outward internationalization, continuous)	.12	.06	.02	.02	.69	.22	07	.07	05	.01	.05	.05	.00	.01	01	.03	.00
24. Poor Internet coverage .11 .14 .00 <	23. Manufacturing firm	.22	.23	.00	01	.01	.01	01	.00	01	05	.02	.04	.03	03	04	08	.01
25. Density of CPC membership .06 .06 .00 .00 .00 .01 .00 .01 .00 .01 .01 .01 .00 .01 .00 .01 .00 .01	24. Poor Internet coverage	.11	.14	.00	.00	02	.01	.00	.00	.00	01	.00	.00	.00	.00	.00	.01	01
26. GDP per capita (logged) 7.25 4.21 0.03 0.02 0.09 -0.1 -0.2 -11 .29 4.6 0.8 -0.3 0.01 -42 0.9 27. Population growth 0.4 -0.1 .02 .03 -0.01 0.5 -0.8 -1.5 -0.4 -0.4 .07 0.02 0.6 0.9 0.03 -0.0 0.03 -0.0 0.08 -0.4 0.08 -0.4 .08 -0.4 .06 -0.1 0.0	25. Density of CPC membership	.06	.06	.01	.00	01	.00	.00	.01	01	.01	.00	.01	.00	.00	.00	.00	.00
27. Population growth .04 .04 .04 .01 .02 .03 .01 .05 .08 .15 15 .04 .04 .07 .02 .18 .03 .00 .01 .05 .08 .14 .03 .06 .12 .06 .06 .08 .04 .08 .08 .08 .09 .07 .00 30. Firm performance .13 .28 .03 .02 .07 .00 .03 .04	26. GDP per capita (logged)	7.25	4.21	.03	.02	.09	.04	.01	10	21	11	.29	.46	.08	03	.01	42	.09
28. Institutional development 6.76 3.03 0.3 .10 0.2 .07 08 19 .07 .42 .33 .06 12 .06 .09 29. R&D investment (0/1) .37 .48 .02 .02 .05 .01 .06 .11 12 .06 .08 .04 .08 .09 .07 .00 30. Firm performance .13 .28 01 .00 03 .03 .04 .05 09 .07 .01 .06 01 .08 .04 .01 .00 .04 32. Industry growth .00 .64 .00 .01 .01 .01 .01 .01 .01 .01 .01 .01 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td>27. Population growth</td> <td>.04</td> <td>.04</td> <td>01</td> <td>01</td> <td>.02</td> <td>.03</td> <td>01</td> <td>.05</td> <td>08</td> <td>.15</td> <td>15</td> <td>04</td> <td>04</td> <td>.07</td> <td>.02</td> <td>18</td> <td>08</td>	27. Population growth	.04	.04	01	01	.02	.03	01	.05	08	.15	15	04	04	.07	.02	18	08
29. R&D investment (0/1) .37 .48 .02 .02 .05 .01 .06 .11 12 .06 .08 .04 .08 .04 .08 .04 <t< td=""><td>28. Institutional development</td><td>6.76</td><td>3.03</td><td>.03</td><td>.03</td><td>.10</td><td>.02</td><td>.07</td><td>08</td><td>19</td><td>.07</td><td>.42</td><td>.33</td><td>.06</td><td>12</td><td>.06</td><td>.05</td><td>.09</td></t<>	28. Institutional development	6.76	3.03	.03	.03	.10	.02	.07	08	19	.07	.42	.33	.06	12	.06	.05	.09
30. Firm performance .13 2.8 03 02 00 03 04 04 04 01 10 04 31. Industry competitiveness .93 12 01 00 03 .01 03 04 05 09 01 06 01 08 04 32. Industry growth 00 04 00 01 01 01 01 01 01 01 01 01 01 01 </td <td>29. R&D investment (0/1)</td> <td>.37</td> <td>.48</td> <td>.02</td> <td>.02</td> <td>.05</td> <td>.01</td> <td>.06</td> <td>.11</td> <td>12</td> <td>.06</td> <td>.08</td> <td>.04</td> <td>.08</td> <td>.08</td> <td>09</td> <td>.07</td> <td>.00</td>	29. R&D investment (0/1)	.37	.48	.02	.02	.05	.01	.06	.11	12	.06	.08	.04	.08	.08	09	.07	.00
31. Industry competitiveness .93 .12 01 .00 03 .01 .03 .04 .05 09 01 01 06 01 .08 04 32. Industry growth .00 .04 .00 .00 .00 .00 .02 .01 .00 .01 .01 .00 .00 .00 17. Financial leverage .07 02 02 02 22 23 24 25 26 27 28 29 30 31 32 18. Firm age .02 02 02 02 <t< td=""><td>30. Firm performance</td><td>.13</td><td>.28</td><td>03</td><td>02</td><td>07</td><td>02</td><td>09</td><td>.00</td><td>.35</td><td>06</td><td>25</td><td>13</td><td>04</td><td>.04</td><td>01</td><td>10</td><td>04</td></t<>	30. Firm performance	.13	.28	03	02	07	02	09	.00	.35	06	25	13	04	.04	01	10	04
32. Industry growth .00 .64 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .01 .01 .01 .00 .00 Variable .01 .02 .01 .42 .02 .01 .00 .00 .01 <th< td=""><td>31. Industry competitiveness</td><td>.93</td><td>.12</td><td>01</td><td>.00</td><td>03</td><td>03</td><td>.01</td><td>.03</td><td>.04</td><td>.05</td><td>09</td><td>07</td><td>01</td><td>06</td><td>01</td><td>.08</td><td>04</td></th<>	31. Industry competitiveness	.93	.12	01	.00	03	03	.01	.03	.04	.05	09	07	01	06	01	.08	04
Variable 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 17. Financial leverage .07 .08 .01 .42	32. Industry growth	.00	.64	.00	.00	.00	.00	.00	.00	.02	01	.00	.00	.01	.01	.01	.00	.00
17. Financial leverage .07 18. Firm age .02 02 19. Industry average (inward internationalization 0/1) .08 .01 .42 20. Industry average (inward internationalization, continuous) .02 .02 .37 .62 21. Industry average (outward internationalization, continuous) .02 .02 .32 .20 .16 22. Industry average (outward internationalization, continuous) .02 .00 .04 .18 .19 .37 23. Manufacturing firm .05 01 .07 .02 .01 .00 .03 24. Poor Internet coverage .01 .00 .00 .00 .00 .00 .00 .00 25. Density of CPC membership .01 .01 .00 .00 .00 .00 .00 .01 .01 27. Population growth 02 .10 17 02 .22 .09 .06 .03 .00 .01 .41 .11 29. R&D investment (0/1) .26 .07 .07 .09 .02 .15 .03 .01 .01	Variable	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18. Firm age .02 02 19. Industry average (inward internationalization 0/1) .08 .01 .42 20. Industry average (inward internationalization, continuous) .02 .37 .62 21. Industry average (outward internationalization, continuous) .02 .32 .20 .16 22. Industry average (outward internationalization, continuous) .02 .00 .04 .18 .19 .37 23. Manufacturing firm .05 01 .07 .02 01 .00 .03 24. Poor Internet coverage .01 .00 .00 .00 .00 .00 .00 .00 25. Density of CPC membership .01 .01 .00 .01 .00 .00 .00 .00 .00 26. GDP per capita (logged) .03 16 .48 .27 .02 .32 .11 .09 .00 .01 .41 .11 29. Rob Investment (0/1) .26 .07 .07 .09 .02 .15 .03 .16 .43 .27 .02 .15 .03 .01 .47	17. Financial leverage	.07																
19. Industry average (inward internationalization $0/1$).08.01.4220. Industry average (inward internationalization, continuous).02.02.37.6221. Industry average (outward internationalization $0/1$).05.02.32.20.1622. Industry average (outward internationalization, continuous).02.00.04.18.19.3723. Manufacturing firm.0501.07.0201.00.0324. Poor Internet coverage.01.00.00.0001.01.0125. Density of CPC membership.01.01.00.01.00.00.00.0026. GDP per capita (logged).0316.48.27.02.32.11.09.00.0127. Population growth0210170202.09.0603.00.01.4728. Institutional development.26.07.07.09.02.15.03.01.41.1129. R&D investment (0/1).26.07.07.09.02.15.03.01.01.00.0030. Firm performance.06.1523.19042604.01.0001010531. Industry competitiveness.02.041905.00100101010101010101010	18. Firm age	.02	02															
20. Industry average (inward internationalization, continuous).02.02.37.6221. Industry average (outward internationalization $0/1$).05.02.32.20.1622. Industry average (outward internationalization, continuous).02.00.04.18.19.3723. Manufacturing firm.0501.07.0201.00.0324. Poor Internet coverage.01.01.00.00.0001.0125. Density of CPC membership.01.01.00.01.00.00.00.0026. GDP per capita (logged).0316.48.27.02.32.11.09.00.0127. Population growth0210170202.09.0603.00.01.4728. Institutional development0103.37.29.05.37.0401.01.41.1129. R&D investment (0/1).26.07.07.09.02.15.03.01.00.00.00.0031. Industry competitiveness.02.041905.00.1001.01.01.00.00.01.01.01.00.00.01.01.01.01.00.00.01.01.01.01.01.01.01.00.00.01.11.11.11.11.11.11.11	19. Industry average (inward internationalization 0/1)	.08	.01	.42														
21. Industry average (outward internationalization $0/1$).05.02.32.20.1622. Industry average (outward internationalization, continuous).02.00.04.18.19.3723. Manufacturing firm.0501.07.0201.00.00.0324. Poor Internet coverage.01.01.00.00.00.00.00.00.0025. Density of CPC membership.01.01.00.01.00.00.00.00.0026. GDP per capita (logged).0316.48.27.02.32.11.09.00.0127. Population growth0210170202.09.0603.00.01.4728. Institutional development01070902.1503.01.00.00.00.0029. R&D investment (0/1)26070799021503.01.00011514.1531. Industry competitiveness02041905001001 <tr <tr=""><tr <tr="">29. R&D investment</tr></tr>	20. Industry average (inward internationalization, continuous)	.02	.02	.37	.62													
22. Industry average (outward internationalization, continuous).02.00.04.18.19.3723. Manufacturing firm.0501.07.0201.00.0324. Poor Internet coverage.01.00.00.0001.00.01.0125. Density of CPC membership.01.01.00.01.00.00.00.00.0026. GDP per capita (logged).0316.48.27.02.32.11.09.00.0127. Population growth02101702.02.09.0601.01.4728. Institutional development0103.37.29.05.37.0401.01.41.1129. R&D investment (0/1).26.07.07.09.02.15.03.01.00.00.15.14.1530. Firm performance06.152319042604.01.000101.06.00.0631. Industry competitiveness.02.041905.00.00.00.0101.01.01.01.06.0132. Industry growth.01.01.01.01.00.00.00.01.01.00.0304.01.00.00.0303.03.01	21. Industry average (outward internationalization 0/1)	.05	.02	.32	.20	.16												
23. Manufacturing firm.05 01 $.07$ $.02$ 01 $.00$ $.03$ 24. Poor Internet coverage.01 $.00$ $.00$ $.00$ 01 $.00$ 01 $.01$ 25. Density of CPC membership.01 $.01$ $.00$ $.00$ $.00$ $.00$ $.00$ $.00$ $.00$ 26. GDP per capita (logged).03 16 $.48$ $.27$ $.02$ $.32$ $.11$ $.09$ $.00$ $.01$ 27. Population growth 02 10 17 02 $.02$ $.09$ $.06$ 01 $.01$ $.47$ 28. Institutional development 01 03 $.37$ $.29$ $.05$ $.37$ $.04$ 01 $.01$ $.41$ $.11$ 29. R&D investment (0/1) $.26$ $.07$ $.07$ $.09$ $.02$ $.15$ $.03$ $.01$ $.00$ $.00$ $.15$ $.14$ $.15$ 30. Firm performance 06 $.15$ 23 19 04 26 04 $.01$ $.00$ 01 01 01 01 01 01 01 06 $.06$ 31. Industry competitiveness $.02$ $.04$ 19 05 $.00$ 10 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 03 03 03 01 06 $.01$ 32. Industry grow	22. Industry average (outward internationalization, continuous)	.02	.00	.04	.18	.19	.37											
24. Poor Internet coverage.01.00.00.00.00 01 .00.01.0125. Density of CPC membership.01.01.00.01.00.00.00.00.00.0026. GDP per capita (logged).03 16 .48.27.02.32.11.09.00.01.4727. Population growth 02 01 17 02 02 .09.06 01 .41.1129. R&D investment (0/1).26.07.07.09.02.15.03.01.00.00.15.14.1530. Firm performance 06 .15 23 19 04 26 04 .01.00 01 21 01 06 .0631. Industry competitiveness.02.04 19 05 .00 10 01 $$	23. Manufacturing firm	.05	01	.07	.02	01	.00	.03										
25. Density of CPC membership.01.01.00.00.00.00.00.00.0026. GDP per capita (logged).03 16 .48.27.02.32.11.09.00.01.4727. Population growth 02 10 17 02 02 .09.06 03 .00 01 .4728. Institutional development 01 03 .37.29.05.37.04 01 .01.41.1129. R&D investment (0/1).26.07.07.09.02.15.03.01.00.00.15.14.1530. Firm performance 06 .15 23 19 04 26 04 .01.00 01 21 01 06 .0631. Industry competitiveness.02.04 19 05 .00 10 01 <	24. Poor Internet coverage	.01	.00	.00	.00	01	.00	01	.01									
26. GDP per capita (logged).03 16 .48.27.02.32.11.09.00.0127. Population growth 02 10 17 02 02 0.9 .06 03 .00 01 .4728. Institutional development 01 01 01 01 01 01 01 .41.1129. R&D investment (0/1).26 0.7 .07.09.02.15.03.01.00.00.15.14.1530. Firm performance 06 .15 23 19 04 26 04 .01.00 01 35 25 30 18 31. Industry competitiveness.02.04 19 05 .00 10 01 0	25. Density of CPC membership	.01	.01	.00	.01	.00	.00	.00	.00	.00								
27. Population growth 02 02 02 02 03 00 01 47 28. Institutional development 01 01 03 37 29 05 37 04 01 01 41 29. R&D investment (0/1) 26 07 09 02 15 03 01 00 01 41 11 29. R&D investment (0/1) 26 07 09 02 15 03 01 00 00 15 14 15 30. Firm performance 06 15 23 19 04 26 04 01 01 06 09 01 01 06 01 00 00 01 01 01 01 00 00 01 01 01 00 01 01 01 01 00 01 01 01 01 01 $.$	26. GDP per capita (logged)	.03	16	.48	.27	.02	.32	.11	.09	.00	.01							
28. Institutional development 01 03 .37 .29 .05 .37 .04 01 01 .11 29. R&D investment (0/1) .26 .07 .07 .09 .02 .15 .03 .01 .00 .00 .15 .14 .15 30. Firm performance 06 .15 23 19 04 26 04 .01 .00 01 35 25 30 18 31. Industry competitiveness .02 .04 19 05 .00 10 01 01 01 01 01 01 01 04 .01 .00 01 21 01 06 .06 32. Industry growth .01 .01 .01 .00 .00 .00 .01 01 .03 03 03 01 .06 .01	27. Population growth	02	10	17	02	02	.09	.06	03	.00	01	.47						
29. R&D investment (0/1) .26 .07 .07 .09 .02 .15 .03 .01 .00 .15 .14 .15 30. Firm performance 06 .15 23 19 04 26 04 .01 .00 01 35 25 30 18 31. Industry competitiveness .02 .04 19 05 .00 .01 01 01 01 06 .00 .06 32. Industry growth .01 .01 .01 .00 .00 .01 01 03 03 01 .06 .01	28. Institutional development	01	03	.37	.29	.05	.37	.04	01	01	.01	.41	.11					
30. Firm performance 06 .15 23 19 04 26 04 .01 .00 05 25 30 18 31. Industry competitiveness .02 .04 19 05 .00 10 06 09 01 21 01 06 .00 .06 32. Industry growth .01 .01 .01 .00 .00 .00 .01 01 03 03 01 .06 .01	29. R&D investment (0/1)	.26	.07	.07	.09	.02	.15	.03	.01	.00	.00	.15	.14	.15				
31. Industry competitiveness .02 .04 19 05 .00 10 01 01 01 01 06 .00 .06 32. Industry growth .01 .01 .01 .01 .00 .00 .01 01 01 03 03 01 .06 .01	30. Firm performance	06	.15	23	19	04	26	04	.01	.00	01	35	25	30	18	0.5		
32. Industry growth .01 .01 .01 .01 .00 .00 .00 .0101 .0004030301 .06 .01	31. Industry competitiveness	.02	.04	19	05	.00	10	06	09	01	01	21	01	06	.00	.06		
	32. Industry growth	.01	.01	01	.01	.00	.00	.00	.01	01	.00	04	03	03	01	.06	.01	

	Pre-match	Post-match	Bias	(%)
	1	2	3	4
Variable	Results	<i>p</i> -value of differences	Reduction	Post-match
Age	.015"	.324	388.6	511
	(.001)			
Educational attainment	.067"	.198	239.9	1.19
	(.007)			
Current communist ideology	.024"	.277	421.9	1.24
	(.004)			
Government work experience	.197"	.347	226.1	.91
	(.006)			
Foreign experience	870 ``	.28	492.1	.8
	(.038)			
Firm size	.054"	.152	354.7	1.5
	(.007)			
Financial leverage	.105*	.202	233.7	66
	(.051)			
Firm age	019"	.394	297.4	1.6
	(.000)			
Manufacturing firm	261 "	.491	483.6	.4
	(.036)			
Industry average of inward Internationalization	314"	.458	375.4	83
(0/1)	(.024)			
Industry average of outward internationalization	578 **	.42	329.4	44
(0/1)	(.044)		100.0	
GDP per capita (logged)	.1//*	.364	188.0	-1.4
Den letter en d	(.006)	282	274.6	10
Population growth	031	.283	274.6	40
Institutional development	(.004)	276	1257	17
institutional development	017	.370	155.7	-1./
Door Internet coverage	(.004)	301	138.0	2
r oor miternet coverage	033	.321	136.9	.2
Density of CPC membership	(.010)	315	1/19.6	14
Density of effective memoership	(039)	.515	147.0	.14
Political involvement	168"	219	133.8	1 36
	(029)	.21)	155.0	1.50
Government appropriation	576"	.285	178.8	1.33
	(.132)			
Social network	.508••	.154	237.1	-1.35
	(.028)			
Post 1999	.247••	.248	364.7	94
	(.047)			
Regional FDI intensity	004••	.232	269.5	-1
- •	(.001)			
Number of observations	20,564			
Goodness of fit (pseudo R^2)	.270			

Table A2. Logit Regressi	on Results. Pre	 and Post-match Difference 	es. and Percentage	e Bias Reduction*
	,,			

* p < .10; • p < .05; • p < .01; intercept not reported to save space. * The pseudo R² of the logit model diminished to less than .001 for the matched sample, and all variables are insignificant at the 10% level.

Figure A1. Graphical illustration of PSM matching quality.



Table A3a. Results of Control Variables in Table 2*

Variable	1	2	3	4	5	6	7	8			
Panel A: First-stage results of Heckman (random effects probit) after PSM											
Age	002	001	001	002	001	001	002	002			
	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)			
Educational attainment	020**	012^{+}	012	017 ·	013^{+}	014^{+}	018	023**			
	(.007)	(.007)	(.007)	(.007)	(.007)	(.007)	(.007)	(.008)			
Current communist ideology	007	004	004	004	005	004	005	005			
	(.004)	(.005)	(.005)	(.005)	(.005)	(.005)	(.005)	(.005)			
Government work experience	.130**	.104"	.113"	.082*	.110"	.121"	.147**	.147**			
	(.034)	(.039)	(.039)	(.040)	(.040)	(.040)	(.040)	(.041)			
Foreign experience	.086•	.101"	.102"	.114"	.102"	.100**	.097•	.110**			
	(.037)	(.038)	(.038)	(.038)	(.038)	(.038)	(.038)	(.039)			
Firm size	.009	.005	.006	.003	.005	.005	.005	.003			
	(.007)	(.007)	(.007)	(.007)	(.007)	(.007)	(.007)	(.007)			
Financial leverage	.114•	.110	.104•	.116	.116	.113	.108	.116			
	(.050)	(.051)	(.051)	(.052)	(.052)	(.051)	(.052)	(.053)			
Firm age	$.005^{+}$.011"	.010"	.010"	.012"	.012"	.008*	.009			
	(.003)	(.003)	(.003)	(.003)	(.003)	(.003)	(.003)	(.004)			
Manufacturing firm	023	014	016	017	019	010	.004	001			
	(.047)	(.048)	(.048)	(.048)	(.048)	(.048)	(.048)	(.049)			
Industry average (for corresponding dependent variable)	1.094**	.160	.165	.304	.154	.228	.511	$.588^{+}$			
	(.312)	(.342)	(.342)	(.347)	(.344)	(.342)	(.345)	(.352)			
Poor Internet coverage	022	021	025	004	024	022	034	019			
	(.076)	(.077)	(.077)	(.078)	(.078)	(.077)	(.078)	(.080)			
Density of CPC membership	.253	.258	.253	.268	.224	.267	.215	.194			
	(.172)	(.175)	(.175)	(.177)	(.177)	(.176)	(.178)	(.181)			
GDP per capita (logged)	.016**	002	001	002	.002	001	.012	.018"			
	(.005)	(.005)	(.005)	(.005)	(.005)	(.005)	(.005)	(.005)			
Population growth	487	.265	.245	.046	.020	.252	296	698			
	(.395)	(.417)	(.417)	(.421)	(.422)	(.417)	(.423)	(.431)			
Institutional development	003	008^{+}	008^{+}	008^{+}	010 ·	008^{+}	005	005			
	(.004)	(.004)	(.004)	(.004)	(.004)	(.004)	(.004)	(.005)			
R&D investment (0/1)	.019	$.041^{+}$.039	.036	.037	.038	.031	.019			
	(.024)	(.024)	(.024)	(.025)	(.025)	(.024)	(.025)	(.025)			
Firm performance (return on assets)	017	217 ··	212 ···	051	–.195 "	223 **	–.168 ''	013			
	(.047)	(.050)	(.050)	(.050)	(.050)	(.050)	(.050)	(.051)			
Industry competitiveness	.129	.099	.112	.132	.107	.101	.139	$.184^{+}$			
	(.092)	(.094)	(.094)	(.096)	(.095)	(.094)	(.096)	(.098)			

Industry growth	009	007	007	012	007	007	007	009
	(.018)	(.017)	(.017)	(.018)	(.017)	(.017)	(.018)	(.018)
Panel B: Second-stag	ge results of H	leckman (ra	andom effec	ts) after PS	М			
Age	$.000^{+}$.000	.000	.000	.000	.000	.000	.000
	(.000)	(.000)	(.000)	(.000)	(.000)	(.000)	(.000)	(.000)
Educational attainment	.005"	.003"	.003"	.004"	.003"	.003*	.003"	.002
	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)
Current communist ideology	.001	.001	.001	.001	.001	.001+	.001	.001
	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)
Government work experience	017**	020**	017 **	021 °°	020**	016 **	020**	004
	(.005)	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)	(.008)
Foreign experience	015 ·	009	009	013 ·	009	010^{+}	009	005
	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)	(.007)
Firm size	000	001	001	001	001	001	001	001
	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)
Financial leverage	011	.001	000	003	.001	.002	.001	.005
	(.009)	(.008)	(.008)	(.008)	(.008)	(.008)	(.008)	(.009)
Firm age	001°	001	001	001	001	000	001	000
	(.000)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)
Manufacturing firm	.008	.013+	.012	.013+	.013+	.012	.013+	.011
	(.008)	(.008)	(.008)	(.008)	(.008)	(.007)	(.008)	(.007)
Industry average (for corresponding dependent variable)	.000	001	002	001	001	002	001	006
	(.013)	(.012)	(.012)	(.012)	(.012)	(.012)	(.012)	(.012)
Poor Internet coverage	041	023	024	030	024	015	023	012
	(.030)	(.028)	(.028)	(.028)	(.028)	(.027)	(.028)	(.027)
Density of CPC membership	002**	001	001	001	001	001	001	.000
	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)
GDP per capita (logged)	.051	.002	006	.011	.016	028	000	053
	(.069)	(.064)	(.064)	(.064)	(.064)	(.063)	(.065)	(.066)
Population growth	.000	000	000	.000	000	000	000	000
	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)
Institutional development	.188"	027	026	026	019	031	027	020
	(.069)	(.065)	(.065)	(.065)	(.065)	(.064)	(.065)	(.063)

p < .10; p < .05; p < .01; intercept not reported to save space. * 18,424 out of 20,564 observations are on the common support and are thus used for PSM analysis; 2,781 out of 3,115 observations are on the common support and are thus used for PSM analysis.

Table A3b. Results of Control Variables in Table 3*

Variable	1	2	3	4	5	6	7	8			
Panel A: First-stage results of Heckman (random effects probit) after PSM											
Age	001	001	001	001	001	001	001	001			
	(.002)	(.002)	(.002)	(.002)	(.002)	(.002)	(.002)	(.002)			
Educational attainment	.001	.005	.004	.004	.005	.005	.004	.004			
	(.009)	(.009)	(.009)	(.009)	(.009)	(.009)	(.009)	(.009)			
Current communist ideology	.000	.002	.002	.002	.002	.002	.001	.002			
	(.005)	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)			
Government work experience	045	105	080	103^{+}	097^{+}	112•	096^{+}	067			
	(.046)	(.053)	(.054)	(.054)	(.054)	(.054)	(.054)	(.054)			
Foreign experience	.024	.032	.032	.032	.029	.032	.032	.028			
	(.041)	(.042)	(.042)	(.042)	(.042)	(.042)	(.042)	(.042)			
Firm size	.024**	.022**	.022**	.021	.022**	.021	.022**	.023**			
	(.008)	(.008)	(.008)	(.008)	(.008)	(.008)	(.008)	(.008)			
Financial leverage	051	047	058	046	040	047	047	050			
	(.062)	(.063)	(.063)	(.063)	(.063)	(.063)	(.063)	(.063)			
Firm age	001	.003	.002	.003	.004	.002	.003	.003			
	(.003)	(.004)	(.004)	(.004)	(.004)	(.004)	(.004)	(.004)			
Manufacturing firm	.068	.065	.062	.068	.063	.065	.067	.063			
	(.055)	(.055)	(.055)	(.055)	(.056)	(.055)	(.055)	(.056)			
Industry average (for corresponding dependent variable)	189•	179^{+}	192 ·	178^{+}	186 ·	182 ·	180^{+}	203 ·			
	(.092)	(.093)	(.093)	(.093)	(.093)	(.093)	(.093)	(.093)			
Poor Internet coverage	199	206	228	205	243	207	212	277			
	(.209)	(.210)	(.211)	(.210)	(.211)	(.210)	(.210)	(.212)			
Density of CPC membership	004	013^{+}	009	012^{+}	008	013+	012^{+}	002			
	(.006)	(.007)	(.007)	(.007)	(.007)	(.007)	(.007)	(.007)			
GDP per capita (logged)	.301	.092	.129	.069	096	.105	.041	104			
	(.467)	(.481)	(.482)	(.482)	(.484)	(.482)	(.482)	(.486)			
Population growth	.005	001	001	001	002	002	001	000			
	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)			
Institutional development	002	006	007	005	008	005	006	011			
	(.028)	(.028)	(.028)	(.028)	(.028)	(.028)	(.028)	(.028)			
R&D investment (0/1)	079	082	080	066	049	081	077	035			
	(.091)	(.093)	(.093)	(.094)	(.094)	(.093)	(.093)	(.094)			
Firm performance (return on assets)	076	058	044	060	064	059	057	048			
	(.101)	(.102)	(.103)	(.102)	(.103)	(.102)	(.102)	(.103)			
Industry competitiveness	066	066	059	067	053	066	068	048			
	(.064)	(.067)	(.067)	(.067)	(.066)	(.067)	(.067)	(.066)			
Industry growth	1.062**	.434	.396	.443	.351	.418	.455	.332			
	(.363)	(.378)	(.380)	(.378)	(.385)	(.378)	(.378)	(.388)			

Inward internationalization [†]	3.916**	3.857 ··	3.872**	3.853"	3.908"	3.861"	3.850**	3.917**				
	(.146)	(.148)	(.148)	(.148)	(.149)	(.148)	(.148)	(.149)				
Panel B: Second-stage results of Heckman (random effects) after PSM												
Age	.001	.000	.000	.000	.000	.000	.000	.000				
	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)				
Educational attainment	.006	.004	.004	.004	.003	.004	.004	.003				
	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)				
Current communist ideology	006	003	003	003	003	003	003	003				
	(.004)	(.003)	(.003)	(.003)	(.003)	(.003)	(.003)	(.003)				
Government work experience	.091**	018	014	018	001	017	018	001				
	(.034)	(.036)	(.036)	(.036)	(.036)	(.036)	(.036)	(.041)				
Foreign experience	034	000	.001	001	005	001	000	005				
	(.029)	(.025)	(.025)	(.025)	(.025)	(.025)	(.025)	(.027)				
Firm size	018**	012*	011	012*	015**	012*	012*	015^{+}				
	(.006)	(.005)	(.005)	(.005)	(.005)	(.005)	(.005)	(.008)				
Financial leverage	.055	.054	.047	.055	.060	.054	.054	.059				
	(.044)	(.039)	(.039)	(.039)	(.039)	(.039)	(.039)	(.043)				
Firm age	003	.002	.002	.002	.001	.002	.002	.001				
	(.002)	(.003)	(.003)	(.003)	(.003)	(.003)	(.003)	(.003)				
Manufacturing firm	.010	.017	.019	.021	.009	.016	.017	.012				
	(.038)	(.033)	(.033)	(.033)	(.033)	(.033)	(.033)	(.038)				
Industry average (for corresponding dependent variable)	.196**	.118	$.099^{+}$.118	.141	.119	.118	.137				
	(.066)	(.058)	(.058)	(.058)	(.059)	(.058)	(.058)	(.084)				
Poor Internet coverage	.145	038	059	036	008	037	037	009				
	(.146)	(.129)	(.129)	(.129)	(.129)	(.129)	(.129)	(.150)				
Density of CPC membership	.012	006	005	005	005	006	006	004				
	(.005)	(.005)	(.005)	(.005)	(.005)	(.005)	(.005)	(.005)				
GDP per capita (logged)	.430	.750**	.776**	.736	.762**	.749**	.754**	.767**				
	(.316)	(.288)	(.288)	(.288)	(.287)	(.288)	(.288)	(.288)				
Population growth	.000	.004	.004	.004	.004	.004	.004	.004				
	(.004)	(.004)	(.004)	(.004)	(.004)	(.004)	(.004)	(.004)				
Institutional development	.186•	081	090	081	090	081	081	093				
-	(.088)	(.080)	(.080)	(.080)	(.080)	(.080)	(.080)	(.080)				
Inward internationalization [†]	.820**	.185	.459	.220	.298	.173	.176	.218				
	(.262)	(.255)	(.279)	(.257)	(.338)	(.258)	(.259)	(1.151)				

p < .10; p < .05; p < .01; intercept not reported to save space. * 12,643/2,171 out of 14,119/2,476 observations are on the common support and are thus used for PSM analysis in the first/second stage. † Foreign investment over total assets was instrumented by presence of foreign concession, whose test is based on joint statistical independence (Zhang, Marquis, and Qiao, 2016). Test results suggested that the instruments are highly correlated with foreign investments and satisfy the exogeneity and exclusion restriction.

Appendix B: Robustness Checks and Additional Analyses

Variable	<u>100001. III</u>		3	4	5	6	7
Panel A: First_stage results of Heckman	(random effec	ts probit): con	J trols are the s	+ amo as Panol /	J A of table A3a	U and not repor	/
Ideological imprint (H1)	<u>– 505"</u>	<u> </u>	_1 198"	-431"	_2 125"	_4 822"	_3 907"
ideological implific (III)	(032)	(038)	(051)	(066)	(230)	(559)	(303)
Political involvement	102"	059	096"	107"	099"	086"	051+
i ondear myörvenient	(027)	(029)	(027)	(027)	(027)	(027)	(029)
Government appropriation	1 1 4 0 ••	(.027)	520"	1.003"	1.131"	(.027) 857 ··	600"
Government appropriation	(100)	(100)	.520	(111)	(110)	(112)	(152)
Social natural	(.109)	(.109)	(.151)	(.111)	(.110)	(.113)	(.152)
Social network	.140	.147	.110	.029	.145	.120	.012
D (2001	(.026)	(.026)	(.026)	(.027)	(.026)	(.026)	(.027)
Post 2001	.041	.037	.001	.023	.016	.080*	.011
	(.044)	(.044)	(.044)	(.044)	(.045)	(.044)	(.046)
Regional FDI intensity	.503	.498	.402	.453	.493	.115	.1/3
	(.047)	(.047)	(.048)	(.048)	(.047)	(.057)	(.058)
Ideological imprint × Political		.280**					.308**
involvement (H2a)		(.066)					(.073)
Ideological imprint × Government			4.521"				3.897*
appropriation (H2b)			(.238)				(.262)
Ideological imprint × Social network (H3)				.186"			.170**
				(.023)			(.029)
Ideological imprint × Post 2001 (H4a)					.440**		.102*
					(.073)		(.024)
Ideological imprint × Regional FDI						1.046"	.311"
intensity (H4b)						(.102)	(.110)
Number of observations	20,564	20,564	20,564	20,564	20,564	20,564	20,564
Goodness of fit (pseudo R ²)	.367	.397	.397	.398	.401	.404	.423
Panel B: Second-stage results of Heckma	n (random effe	ects linear); co	ntrols are the	same as Panel	B of table A3a	and not report	rted
Inverse Mills ratio	074**	070**	104**	069**	062**	072**	.003
	(.008)	(.008)	(.011)	(.008)	(.008)	(.012)	(.045)
Ideological imprint (H1)	128**	111 **	160**	181 **	216**	126**	516**
	(.007)	(.008)	(.010)	(.069)	(.053)	(.013)	(.140)
Political involvement	.031"	.023**	.028"	.031"	.032"	.031"	.026**
	(.004)	(.005)	(.004)	(.004)	(.004)	(.004)	(.005)
Government appropriation	.021	.024	.092"	.024	.025	.022	.034
	(.017)	(.017)	(.024)	(.017)	(.017)	(.018)	(.033)
Social network	.006	.007	.006	.006	.006	.006	.008*
	(.004)	(.004)	(.004)	(.004)	(.004)	(.004)	(.004)
Post 2001	.018"	.016"	.021"	.018"	.016"	.018"	.018"
	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)	(.006)
Regional FDI intensity	.028"	.028"	.018	.030**	.029	.027	.016
	(.008)	(.008)	(.008)	(.008)	(.007)	(.009)	(.010)
Ideological imprint \times Political involvement	()	.490"		()			.651"
(H2a)		(.110)					(.113)
Ideological imprint \times Government		(.186"				.978"
appropriation (H2b)			(042)				(118)
Ideological imprint × Social network (H3)			(.012)	311"			236
reconstruct inprint / bootal network (115)				(069)			(093)
Ideological imprint × Post 2001 (H4a)				(.00))	136"		151"
					(014)		(015)
Ideological imprint × Pagional FDI					(.014)	004+	100+
intensity (H/b)						(004)	(061)
Mullishy (1140)						(.002)	(.001)
Number of obcomulations	2 115	2 1 1 5	2 1 1 5	2 1 1 5	2 1 1 5	2 1 1 5	2 1 1 5
Number of observations $C_{1} = \frac{1}{2} \sum_{i=1}^{2} \frac{1}{2} \sum_{i=$	3,115	3,115	3,115	3,115	3,115	3,115	3,115

Table B1a. Results from	Heckman Model:	Inward Internationalization	(1993–2012)*
			. (

* The results are from the original sample with unique identifiers (20,564 firm-year observations) and are similar to what were reported with the PSM approach in tables 2 and 3 and tables A3a and A3b.

Variable	1	2	3	4	5	6	7
Panel A: First-stage results of Heckman	(random effec	ts probit); con	trols are the s	ame as Panel A	A of table A3b	and not repor	ted
Ideological imprint (H1)	317"	448**	397"	-1.118"	-1.869"	-1.390**	-1.247**
	(.035)	(.042)	(.059)	(.093)	(.269)	(.351)	(.127)
Political involvement	.047	039	.046	$.058^{+}$.048	.045	025
	(.033)	(.036)	(.033)	(.033)	(.033)	(.033)	(.036)
Government appropriation	.143	.089	282	106	.163	.041	334
	(.198)	(.199)	(.325)	(.200)	(.198)	(.205)	(.325)
Social network	.218"	.222**	.216**	.090**	.218"	.216"	.093"
	(.032)	(.032)	(.032)	(.033)	(.032)	(.032)	(.034)
Post 2001	.042	.037	.044	.038	.068	.050	.073
	(.049)	(.049)	(.049)	(.049)	(.050)	(.049)	(.051)
Regional FDI intensity	.165"	.154**	.151"	.124	.162"	.102	.016
	(.058)	(.058)	(.058)	(.058)	(.058)	(.066)	(.067)
Ideological imprint × Political involvement		.458"					.564**
(H2a)		(.074)					(.077)
Ideological imprint × Government			.691+				1.744**
appropriation (H2b)			(.409)				(.603)
Ideological imprint × Social network (H3)				.127**			.154**
				(.031)			(.035)
Ideological imprint × Post 2001 (H4a)					.164•		.088•
					(.077)		(.042)
Ideological imprint × Regional FDI						.215	.091**
intensity (H4b)						(.107)	(.032)
Number of observations	14,119	14,119	14,119	14,119	14,119	14,119	14,119
Goodness of fit (pseudo R ²)	.450	.475	.474	.477	.484	.486	.499
Panel B: Second-stage results of Heckman	n (random effe	cts linear); con	ntrols are the s	ame as Panel	B of Table A3	and not repo	rted
Inverse Mills ratio	391"	303"	378"	545"	398*	390"	577
	(.086)	(.095)	(.086)	(.114)	(.087)	(.087)	(.456)
Ideological imprint (H1)	623	6/4	65/**	891	639	625	-1.415
	(.026)	(.035)	(.040)	(.118)	(.045)	(.036)	(.478)
Political involvement	.1/2	.153	.1/2	.161	.1/1	.172	.158
Community and a second second	(.020)	(.022)	(.020)	(.021)	(.020)	(.020)	(.024)
Government appropriation	.540	.538	.356	.563	.536	.537	.417
	(.123)	(.123)	(.209)	(.123)	(.123)	(.132)	(.242)
Social network	041	028	040°	046	042	041	048
D+ 2001	(.021)	(.022)	(.021)	(.021)	(.021)	(.021)	(.039)
Post 2001	.012	.012	.013	.005	.009	.012	005
	(.031)	(.031)	(.031)	(.031)	(.032)	(.031)	(.041)
Regional FDI intensity	.032	.039	.027	.019	.032	.031	.028
Ideala si al inconint o Daliti al incolorment	(.037)	(.037)	(.037)	(.057)	(.057)	(.041)	(.041)
(112)		.313					.510
(FI2a)		(.052)	200+				(.072)
appropriation (U2b)			.280				./0/
$\frac{appropriation}{(H20)}$			(.138)	224.			(.209)
Ideological Imprint × Social network (HS)				.234			.062
Ideala - i - 1 immint Da - t 2001 (II4-)				(.115)	021+		(.040)
Ideological imprint × Post 2001 (H4a)					.021		.014
Idealogical immunt v D:1 EDI					(.011)	004•	(.008)
intensity (U4b)						.004	.007
Intensity (H4D) Number of observations	2 176	2 176	2 176	2 176	2 176	(.002)	(.004) 2 474
Goodness of fit (between \mathbb{P}^2)	∠,470 366	2,470	2,470	2,470 366	∠,470 366	∠,470 366	2,470
OOOD MESS OF ME (Detween K-)	.500	.307	.300	.500	.300	.300	.307

Table B1b. Results from Heckman Model: Outward Internationalization (1993–2012)*

⁺ p < .10; [•] p < .05; [•] p < .01; intercept not reported to save space. * The results are from the original sample with unique identifiers (20,564 firm-year observations) and are similar to what were reported with the PSM approach in tables 2 and 3 and tables A3a and A3b.

A Counterfactual Analysis for Understanding Effects of Profitability from Internationalization (1993–2012)

To better triangulate the imprinting processes we theorize, we also examined whether entrepreneurs with a communist ideological imprint tend to ignore profitable business opportunities from internationalization, showing whether the imprint dominates self-interest in considering foreign cooperation, i.e., whether the information filter by the communist ideological imprint motivates cognition. We measured profitable internationalization opportunities by calculating profitability differentials between internationalized firms and their non-internationalized/domestic counterparts of focal firms' institutional equivalents, i.e., those in the same geographical location (province) and industry as their counterfactuals, respectively (Marquis and Tilcsik, 2016). Then we interacted these two proxies of information of profitable internationalization of the focal firm with a Cox proportional hazard model. To estimate the Cox model, we stratified the model at the industry–province level to alleviate unobservable heterogeneity concerns and employed the graphic method (Andersen, 1982) and partial residuals approach (Schoenfeld, 1982) to ensure that the proportionality assumption holds. We also clustered standard errors at the industry–province level to obtain the most robust results (Lin and Wei, 1989).

Table B2 shows that profit premiums of the same industry, same province, and their interaction are all positively associated with firms' tendency to internationalize. But the interaction terms of all three variables with ideological imprint are negative and significant (p < .05), suggesting that firm leaders filtered information about profitable opportunities via internationalization with a communist ideological imprint. These results lend support to our theorizing that the communist ideological imprint acts as an information filter that motivates cognition—entrepreneurs eschew cooperation with foreign capitalists even when it is in their economic self-interest. Results from the Heckman model are similar.

	Inward Internationalization					Outward Internationalization				
	1	2	3	4	5	6	7	8		
	Co	x model	nodel Heckman 1st and 2		Co	x model	Heckman 1st and 2nd stage			
Analysis Variable	Single event	Repeated events	RE probit [†]	RE linear	Single event	Repeated events	RE probit	RE linear		
Ideological imprint	206**	444**	250**	035"	167*	767 ·	-3.892"	513 **		
	(.073)	(.122)	(.052)	(.008)	(.075)	(.340)	(1.126)	(.138)		
Profit premium by geography	2.443"	.024*	.024**	.003"	2.265"	.086•	1.163+	.211		
	(.288)	(.011)	(.006)	(.001)	(.306)	(.036)	(.677)	(.094)		
Profit premium by industry	1.842"	.022**	.027**	.006**	1.415"	.086•	1.067^{+}	.306"		
	(.269)	(.008)	(.008)	(.001)	(.286)	(.034)	(.579)	(.092)		
Profit premium by geography	3.834"	.157"	.074**	.008**	2.535"	.155"	1.213"	.174+		
× Profit premium by industry	(.404)	(.058)	(.015)	(.001)	(.424)	(.054)	(.305)	(.100)		
Ideological imprint	-4.493**	221**	691**	015"	-3.707**	083"	-1.515"	-1.544"		
\times Profit premium by geography	(.352)	(.070)	(.163)	(.005)	(.360)	(.016)	(.477)	(.282)		
Ideological imprint	-4.695**	-1.735**	326**	013 ·	-3.841"	-1.868"	-2.029"	-1.055		
× Profit premium by industry	(.348)	(.357)	(.097)	(.006)	(.360)	(.643)	(.333)	(.506)		
Ideological imprint × profit premium by	-4.456**	-4.291**	772 ·	118 ·	-3.904"	-3.034"	-3.608"	-1.220**		
geography × Profit premium by industry	(.364)	(.567)	(.385)	(.054)	(.376)	(.590)	(.561)	(.278)		
Number of observations	15,681	20,564	20,564	3,115	10,217	14,119	14,119	2,476		
Goodness of fit (pseudo R ²)	.125	.186	.330		.104	.193	.494			
Goodness of fit (between R ²)				.303				.421		

Table B2. Predicting Inward and Outward Internationalization with Counterfactual Profits (1993–2012)*

p < .10; p < .05; p < .01; intercept not reported to save space. The sample size for the Cox model single event history analysis varies because the right-censored firms are dropped whenever they internationalized their firms.

* The repeated events Cox proportional hazard model retains all observations even if the focal firm/individual has already adopted the action, and therefore numbers of observations are the same as tables A3a and A3b for corresponding dependent variables. Standard errors are clustered at the industry–province level to obtain the most robust results (Lin and Wei, 1989). Controls and moderators are the same as tables A3a and A3b, respectively (not reported); interaction terms are excluded.

† "RE" refers to random effects.

Diff-in-diff and Related Estimation of Internationalization

We provide a finer-grained analysis of communist ideological imprint and also rule out cohort effects as an alternative explanation —it is not only those born before 1978 who are antagonistic to foreign cooperation but it is the importance of the socialization of joining the CPC—based on a diff-in-diff analysis. We distinguished those born before and after 1978, in addition to communist ideology. Therefore we analyzed four groups of entrepreneurs: pre- and post-1978 communists and non-communists. Unlike traditional diff-in-diff estimation, our diff-in-diff analysis is not about the event of imprinting but about whether the entrepreneur had the ideological imprint (treatment) or not (control), and the "event" was whether opening up in 1978 invalidates the negative impact of current ideology on internationalization such that the post-1978 (reformist) government encourages capital and foreign cooperation more fully. Our approach resembles the diff-in-diff estimation for repeated cross sections, which utilizes between-differences of individuals rather than within ones, i.e., different individuals before and after the events (see Abadie, 2005: 9, for summary of exemplar studies).

We found that pre-1978 communists are least prone to internationalization; we present results in Panel A of table B3. We also combined the diff-in-diff analysis with PSM as going through the imprinting process might be self-selected and thus endogeneity could be an issue. The PSM approach helps generate a random sample in terms of entrepreneurs with or without a communist ideological imprint based on observable variables. The results are shown in Panel B of table B3 and are consistent with the main analyses. Finally, we distinguished entrepreneurs' Party age (years since they joined the CPC) to gauge when they received the communist ideological imprinting process. We had a set of three dummy variables: joined the CPC before 1978, joined the CPC after 1978 and before they founded their ventures, and joined the CPC after they founded their ventures (an alternative proxy for current ideology). The results are shown in Panel C of table B3, suggesting that the ideological imprint formed before 1978 has the strongest negative effect on internationalization, while that formed after 1978 but before entrepreneurs founded their ventures is much weaker. Contemporary ideology does not make a difference statistically or economically.

Pane	Panel A: Diff-in-diff estimation of internationalization										
	Inward internat	Inward internationalization Outward internationalizati									
	0/1	Value	0/1	Value							
Variable	1	2	3	4							
CPC membership	082	001	-1.075	006							
	(.063)	(.002)	(.824)	(.008)							
Born before 1978	159•	009*	-2.704*	071							
	(.062)	(.003)	(1.261)	(.032)							
CPC membership	234**	021**	-4.858**	277**							
× Born before 1978	(.042)	(.006)	(.624)	(.069)							
Inverse Mills ratio [†]		-1.502**		-2.315"							
		(.441)		(.447)							
Number of observations	20,564	3,115	20,564	2,476							
Goodness of fit (pseudo R ²)	.399		.476								
Goodness of fit (between R ²)		.315		.404							
Panel B: Diff-in-diff estim	ation of internationalizat	tion combined with pr	opensity score ma	itching							
	Inward internationalization Outward international										
Variable	Binary	Continuous	Binary	Continuous							
CPC membership	005	001	894	012							
	(.008)	(.004)	(.837)	(.013)							
Born before 1978	035*	005*	-1.524	041							

(.002)

-.015"

(.003)

-1.468" (.390)

2,781

(.655)

-5.910"

(1.297)

12,643

(.020)

-.380**

(.113)

-2.417"

(.443)

2,171

(.016)

-.475**

(.074)

18,424

Table B3. Diff-in-diff and Related Estimation of Internationalization*

Goodness of fit (pseudo R ²)	.370		.372									
		.281		.286								
Panel C: A set of dumn	Panel C: A set of dummy variables to measure ideological imprint and current ideology											
	Inward internat	nationalization										
Variable	Binary	Continuous	Binary	Continuous								
Joined CPC before 1978	466**	043**	-3.863"	347"								
	(.144)	(.008)	(1.148)	(.107)								
Joined CPC after 1978 but before	025**	002*	046**	031*								
they founded their venture	(.005)	(.001)	(.016)	(.015)								
Joined CPC after founding their	000	000	010	000								
venture (current political ideology)	(.007)	(.003)	(.043)	(.004)								
Inverse Mills ratio [‡]		-1.376"		-2.861"								
		(.318)		(1.050)								
Number of observations	20,564	3,115	14,119	2,476								
Goodness of fit (pseudo R ²)	.364		.442									
Goodness of fit (between \mathbb{R}^2)		271		386								

 $^+ p < .10$; $^{\bullet} p < .05$; $^{\bullet \bullet} p < .01$; intercept not reported to save space.

CPC membership

Inverse Mills ratio[†]

× Born before 1978

Number of observations

* Numbers of observations for the PSM results in Panel B vary because of the matching. Controls and moderators are the same as tables A3a and A3b, respectively (not reported); interaction terms are excluded.

† Inverse Mills ratio was from the first stage including two additional variables—*born before* 1978 and *CPC membership* × *Born before* 1978 corresponding to the diff-in-diff setting.

‡ Inverse Mills ratio was from the first stage including the corresponding three binary variables in the dummy approach.

Other Endogeneity Concerns and Moderators Unrelated to Information Filtering

We tried a number of additional approaches to address a variety of endogeneity concerns. For instance, we use the variation of parents' government work experience of entrepreneurs, which highly correlates with CPC membership (Bian, Shu, and Logan, 2001), as an instrumental variable. Parents' CPC government work experience is exogenous and not affected by entrepreneurs' later new ventures. Studies have shown intergenerational transmissions of ideology (Jost, Federico, and Napier, 2009), and CPC membership is required for governmental work (Wu and Treiman, 2007). Lastly, parents' work experience is at best weakly correlated with firms' internationalization, given that nearly all entrepreneurs' parents—assuming they gave birth to their children in their twenties—are in their late eighties. Therefore the instrumental variable is valid conceptually. We still ran a first-stage F-test, test for the exclusion restriction, according to Zhang, Marquis, and Qiao (2016), and obtained supporting evidence that our instrumental variable is valid. Results are reported in columns 1 and 2 of table B4 and are similar to our main results.

Endogeneity issues may also arise because of omitted control variables. Therefore we also controlled for (1) state-owned-enterprise work experience and political rank to indicate whether the focal entrepreneur ever worked as a government official, and (2) the exclusion restrictions, i.e., technological resource, firm performance, industry competitiveness, and growth (Villalonga and McGahan, 2005). We report results in columns 3 to 6 of table B4, which are similar in terms of sign, significance, and magnitude on the communist ideological imprint. Additional control variables are insignificant both respectively and jointly, however, and a Hausman test suggested that these variables did not change our results in terms of magnitude or significance (Hausman, 1978).

In addition, we interacted firm age, entrepreneurs' age, and time trend with their ideological imprint. If the interaction terms are significant and negative, then our arguments that the availability and credibility of contradictory information are two key conditions for imprint decay would be undermined; the imprint decays automatically over time. The last six models (models 7 to 12) of both panels in table B4 suggest this was not the case; all three interaction terms are insignificant, and the effect size is less than .0001, or less than 5 percent of other moderating effects. Therefore the imprinting effect does not decay with an increase in firm age, entrepreneurs' age, or time.

 Table B4. Results from Heckman Model of Internationalization (1993-2012): Other Endogeneity Concerns, Additional Control Variables, and

 Interactive Effects*

	1 (B) [†]	2 (C)	3 (B)	4 (C)	5 (B)	6 (C)	7 (B)	8 (C)	9 (B)	10 (C)	11 (B)	12 (C)	
Approach	Instrumental van	riable	Addi	itional cont	trol varia	bles		New mo	oderators: l	Interactive	effects	ifects	
Variable	Parent is CPC member		Entrepr	Entrepreneur [‡] Firm/industry			Firm	age	Founder's age		Time trend		
	Panel A:	Dependent	variable—	-foreign in	vestment	over total i	nvestment						
	Controls a	nd other m	oderators a	are the sam	ne as table	e A3a and r	ot reported	1					
Ideological imprint (H1)	250**	030**	271**	035"	/	022*	278**	026**	241**	030**	337**	022**	
	(.065)	(.010)	(.100)	(.007)	/	(.011)	(.068)	(.009)	(.067)	(.005)	(.108)	(.007)	
State-owned-enterprise work experience			001	001									
			(.003)	(.001)									
Political rank when working			000	012									
as a government official			(.001)	(.009)									
Tech resources					/§	.002							
					/	(.006)							
Firm performance					/	.01							
					/	(.007)							
Industry competitiveness					/	.001							
					/	(.003)							
Industry growth					/	002							
					/	(.004)							
Firm age							.000	.000					
							(.001)	(.000)					
Ideological imprint \times Firm age							.000	000					
							(.003)	(.001)					
Entrepreneur's age									002	.000			
									(.001)	(.000)			
Ideological imprint									.000	.000			
× Entrepreneur's age									(.001)	(.000)			
Time trend											.002	001	
											(.011)	(.004)	
Ideological imprint											000	000	
× Time trend											(.002)	(.000)	
Weak instrument test	32.394 (passed)												
Exclusion restriction test p value	.192	10.1			,								
Number of observations	3,290	494	3,701	666	/	3,115	20,564	3,115	20,564	3,115	20,564	3,115	
Goodness of fit (pseudo R^2)	.405	222	.376	200	/	010	.368	21.5	.369	210	.369	212	
Goodness of fit (between R ²)		.323		.280		.313		.316		.318		.312	

Panel B: Dependent variable—Overseas assets over total assets												
	Con	trols and ot	her moderato	ors are the	same	as table A3	b and not rep	orted				
Ideological imprint (H1)	-3.776*	259**	-2.342**	212**	/	277**	-3.231"	364**	-2.952 **	267•	-3.501"	290**
	(1.675)	(.086)	(.415)	(.059)	/	(.069)	(.759)	(.119)	(.979)	(.106)	(1.126)	(.096)
State-owned enterprise work			000	006								
experience			(.010)	(.042)								
Political rank when working			005	001								
as a government official			(.009)	(.005)								
Tech resources					/	.152						
					/	(.096)						
Firm performance					/	.043						
					/	(.108)						
Industry competitiveness					/	.000						
					/	(.093)						
Industry growth					/	000						
					/	(.001)						
Firm age							012	011				
							(.008)	(.010)				
Ideological imprint \times Firm age							.000	.000				
							(.004)	(.001)				
Entrepreneur's age									002	.007		
									(.002)	(.006)		
Ideological imprint									.000	000		
\times Entrepreneur's age									(.005)	(.002)		
Time trend											004	002
											(.007)	(.003)
Ideological imprint											000	.000
\times Time trend											(.004)	(.007)
Weak instrument test	30.628 (passed)											
Exclusion restriction test p value	.219											
Number of observations	2,259	407	2,542	457	/	2,476	14,119	2,476	14,119	2,476	14,119	2,476
Goodness of fit (pseudo R ²)	.375		.384		/		.453		.453		.452	
Goodness of fit (between R ²)		.368		.365		.382		.383		.383		.383

 $^+ p < .10$; $^{\bullet} p < .05$; $^{\bullet \bullet} p < .01$; intercept not reported to save space.

* The number of observations changes because parental information was available only in 1993, 1995, and 1997. Therefore 3,290 observations were used to investigate the binary inward internationalization variable, and 494 observations were used to investigate the continuous inward internationalization variable; 2,259 observations were used to investigate the binary outward internationalization variable, and 407 observations were used to investigate the continuous outward internationalization variable.

+ B: binary measure of dependent variable, C: continuous measure of dependent variable.

[‡] The two additional control variables of entrepreneurs did not exist until Year 2004. Therefore 3,701 observations were used to investigate the binary inward internationalization variable, and 666 observations were used to investigate the continuous inward internationalization variable; 2,542 observations were used to investigate the binary outward internationalization variable, and 457 observations were used to investigate the continuous outward internationalization variable.

§ These "additional controls" are exclusion restrictions, and thus the regression results are omitted to avoid duplication with results of model 2 in tables A3a and A3b.

Effects of Heterogeneity of Communist Ideological Imprint on Internationalization

The communist ideological imprint may exhibit some heterogeneity, the substantial magnitude of which may threaten the validity of our moderators as decaying factors of the communist ideological imprint. To address this issue, we considered regional variation—coastal region, geographic proximity to special economic zones, and local communist density during the imprinting period (Liu, Buck, and Shu, 2005; Luo, Xue, and Han, 2010; Kung and Chen, 2011)—that may also influence the intensity of the imprinting effect. Likewise, age groups of entrepreneurs may also affect the intensity of communist ideological indoctrination. During the Cultural Revolution (1966–1976), communist ideology was strengthened (Lu, 2004). Therefore the group born and brought up during the Cultural Revolution might exhibit a stronger imprinting effect and thus more heightened information filtering.

The results are reported in table B5, showing that most of these effects do not change the magnitude or significance of the communist ideological imprint. The first three contingencies are insignificant, whereas in some cases birth in the Cultural Revolution period and from the onset of the Cultural Revolution to the year Nixon visited China are marginally significant at the 10-percent level, though the moderating effects are less than 5 percent of other hypothesized moderating effects and hence are not economically significant. The results suggest that the heterogeneity of the ideological imprint does not pose a substantive threat to our analysis.

Model	1 (B)*	2 (C)	3 (B)	4 (C)	5 (B)	6 (C)	7 (B)	8 (C)	9 (B)	10 (C)
Contingonov			Geographic o	listance to	CPC density	during the	Cultural Re	evolution	Cultural Revol	ution until
Contingency	Coastal	region	special econ	omic zone	imprinting	g period	(1966–1	.976)	Nixon visited Chin	a (1966–1972)
			Panel A: Dep	pendent varia	ble—inward int	ernationaliza	tion			
		Contr	ols and other r	noderators ar	e the same as ta	ble A3a and n	ot reported			
Ideological imprint (H1)	168 **	031**	161 **	030**	150*	024**	194	028**	234**	023**
	(.038)	(.007)	(.034)	(.008)	(.064)	(.008)	(.039)	(.007)	(.084)	(.008)
Contingency	007*	001*	008**	004	008•	001**	013"	001^{+}	008*	000*
	(.003)	(.000)	(.003)	(.003)	(.003)	(.000)	(.004)	(.001)	(.003)	(.000)
Ideological imprint	001	001	.000	.001	001	000	001	000	001	001^{+}
× Contingency	(.003)	(.002)	(.002)	(.003)	(.002)	(.003)	(.001)	(.001)	(.001)	(.001)
Number of observations	20,564	3,115	20,564	3,115	20,564	3,115	20,564	3,115	20,564	3,115
Goodness of fit (pseudo R ²)	.383		.387		.388		.393		.388	
Goodness of fit (between R ²)		.334		.335		.334		.341		.321
Panel B: Dependent variable—outward internationalization										
		Contr	ols and other n	noderators are	e the same as ta	ble A3b and r	ot reported			
Ideological imprint (H1)	-2.364"	215**	-2.301"	119**	-2.573"	162**	-1.953"	189*	-1.506**	192**
	(.553)	(.046)	(.553)	(.065)	(.557)	(.047)	(.779)	(.080)	(.353)	(.072)
Contingency	031"	042	027**	009	014	001**	048	013	019^{+}	000
	(.007)	(.084)	(.008)	(.015)	(.009)	(.000)	(.055)	(.016)	(.011)	(.000)
Ideological imprint	000	000	001	.001	.002	.003	001	001^{+}	001	001
× Contingency	(.002)	(.001)	(.002)	(.002)	(.001)	(.005)	(.001)	(.001)	(.002)	(.002)
Number of observations	14,119	2,476	14,119	2,476	14,119	2,476	14,119	2,476	14,119	2,476
Goodness of fit (pseudo R ²)	.450		.483		.453		.467		.460	
Goodness of fit (between R ²)		.403		.380		.375		.408		.397
$^{+} p < .10; \bullet p < .05; \bullet p < .01;$ inte	ercept not repo	orted to save	space.							
* B: binary measure of dependent	variable, C: o	continuous r	neasure of depen	ndent variable.						

 Table B5. Results from Heckman Model of Internationalization Considering Heterogeneity of Communist Ideological Imprint (1993–2012)

Predicting Current Political Ideology

An important issue to examine is the extent to which the ideological imprint affects the current political ideology of entrepreneurs. If our model correctly predicts the effect of the ideological imprint and its evolution, then we should expect that (1) the ideological imprint positively affects entrepreneurs' current political ideology because of its persistent influence (Marquis and Tilcsik, 2013), and (2) direct interactions with the contemporary reformer-led government, government-created industry social network involvement, and observing governmental support of internationalization should all negatively moderate this relationship. We report results in table B6 with the same model specification as in Panel A of table 2 (shown in table A3a) and obtained supporting evidence for all of our predictions.

Variable	1	2	3	4	5	6	7
Ideological imprint	.747**	.788**	1.014"	.728**	.797**	.788**	.818"
	(.224)	(.224)	(.254)	(.223)	(.224)	(.224)	(.257)
Political involvement	585"	521**	487**	483**	374**	503**	325*
	(.086)	(.084)	(.085)	(.084)	(.108)	(.085)	(.134)
Government appropriation	-1.185"	-1.256**	-1.207**	-1.155"	-1.202**	-1.206**	-1.194**
	(.045)	(.057)	(.045)	(.045)	(.045)	(.045)	(.058)
Social network	.004	.005	.006	.082**	.007	.006	.081"
	(.016)	(.016)	(.016)	(.018)	(.016)	(.016)	(.018)
Post 2001	.187"	.270**	.216**	.503"	.388"	.273**	.019
	(.042)	(.048)	(.042)	(.083)	(.085)	(.052)	(.343)
Regional FDI intensity	001	001	001	001	001	000	001
	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)	(.001)
Ideological imprint × Political involvement		-1.103**					-1.085"
		(.276)					(.277)
Ideological imprint × Government appropriation			-2.848"				-2.504"
			(.447)				(.473)
Ideological imprint × Social network				795"			785 **
				(.071)			(.071)
Ideological imprint × Post 2001					197*		182^{+}
					(.096)		(.106)
Ideological imprint × Regional FDI intensity						161**	129*
						(.042)	(.052)
Number of observations	20,564	20,564	20,564	20,564	20,564	20,564	20,564
Goodness of fit (between R ²)	.206	.214	.215	.217	.215	.215	.240
$+ p < .10; \bullet p < .05; \bullet p < .01;$ intercept not reported to	save space.						
* Controls are the same as table A3a and are not repor	ted						

 Table B6. Predicting Current Political Ideology: Random Effects Model (1993–2012)*

Alternative Measures of Key Constructs

We also used alternative measures for some of our proposed constructs. For outward internationalization, we investigated the number of foreign subsidiaries with zero-inflated negative binomial regression, as the dependent variable is overdispersed with more than 10% zeroes (Hausman, Hall, and Griliches, 1984; Blevins, Tsang, and Spain, 2015). Since the Vuong's alpha was positive and significant, the zero-inflated negative binomial model was the most appropriate. We followed suggestions by Blevins, Tsang, and Spain (2015) in analyzing the model. We examined All-China Federation of Industry and Commerce membership as an alternative to the government-created industry social network (Jia, 2014). Similar results as those reported in table 3 can be found in table B7.

Variable	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Ideological imprint (H1)	383*	570**	496**	128**	429 *	-1.905	-6.548"	456**	484 •	598**	801"	424 ·	326**	-6.720**
	(.151)	(.193)	(.153)	(.036)	(.190)	(.802)	(1.463)	(.158)	(.199)	(.160)	(.245)	(.199)	(.072)	(1.740)
Political involvement	.734	.713	.725	.731	.720	.734	.697•	.645+	$.628^{+}$.636+	.639+	.627+	.645+	$.610^{+}$
	(.327)	(.326)	(.327)	(.327)	(.326)	(.327)	(.326)	(.334)	(.333)	(.334)	(.334)	(.333)	(.334)	(.333)
Government appropriation	5.311"	5.356**	4.437	5.249"	5.316"	5.311"	4.848 ·	5.581"	5.602**	4.700	5.491 "	5.596"	5.581"	5.400
	(.973)	(.976)	(1.982)	(.974)	(.975)	(.973)	(1.954)	(1.078)	(1.077)	(2.079)	(1.081)	(1.086)	(1.078)	(2.122)
Social network (by APE)	.270**	.273**	.270**	.272**	.269**	.270**	.272**							
	(.040)	(.040)	(.040)	(.040)	(.040)	(.040)	(.040)							
Social network (by ACPIC)								.301"	.303"	.301"	.303"	.300"	.301"	.302"
								(.038)	(.038)	(.038)	(.038)	(.038)	(.038)	(.038)
Post 2001	1.541"	1.529"	1.541"	1.570**	1.428**	1.541"	1.440**	1.371"	1.363"	1.372**	1.409**	1.248**	1.372**	1.268**
	(.327)	(.327)	(.327)	(.328)	(.327)	(.327)	(.329)	(.340)	(.339)	(.340)	(.342)	(.340)	(.340)	(.342)
Regional FDI intensity	.020**	.020**	.020**	.020**	.038"	.020**	.036**	.016**	.016**	.016**	.016**	.034"	.016**	.032**
	(.004)	(.004)	(.004)	(.004)	(.008)	(.004)	(.008)	(.005)	(.005)	(.005)	(.005)	(.008)	(.005)	(.008)
Ideological imprint \times		.553*					.534		.513					.488*
Political involvement (H2a)		(.256)					(.259)		(.240)					(.217)
Ideological imprint × Government			5.204				5.605			5.248				5.175
appropriation (H2b)			(2.231)				(2.215)			(2.388)				(2.427)
Ideological imprint × Social network				.279•			.278*							
(by APE, H3)				(.125)			(.125)							
Ideological imprint × Social network											.336**			.329"
(by ACPIC, H3)											(.113)			(.115)
Ideological imprint × Post 2001 (H4a)					.028**		.025**					.027**		.024**
					(.008)		(.008)					(.008)		(.008)
Ideological imprint × Regional FDI intensity						.099"	.095						.110**	.087*
(H4b)						(.015)	(.046)						(.037)	(.040)
Number of observations	14,119	14,119	14,119	14,119	14,119	14,119	14,119	14,119	14,119	14,119	14,119	14,119	14,119	14,119
Goodness of fit (pseudo R ²)	.167	.169	.168	.168	.171	.168	.176	.165	.167	.167	.166	.170	.165	.177
$+ p < .10; \bullet p < .05; \bullet p < .01;$ intercept not repo	orted to save	space.												
	1	-												

Table B7. Results from Zero-inflated Negative Binomial Estimation of Outward Internationalization (200)	00–2012): Number of Foreign Subsidiaries as the
Dependent Variable*	

* Controls are the same as table A3a and are not reported.

Robustness across Industries

We considered industry effects by resorting to more-nuanced classifications. Some industries—such as manufacturing—are much more prone to internationalize than are others, such as services and cultural goods. We thus split the sample into manufacturing firms, firms in high-tech or trade-related industries that have an international focus, and firms in other industries, including services, advertisement, consulting, art, retail, etc. We estimated the subsamples under the seemingly unrelated regressions framework (Zellner, 1962) to facilitate cross-equation comparison of effect sizes and report results in table B8. The results are still similar to what were reported in tables 2 and 3. The negative impact of the communist ideological imprint is the strongest in services and cultural goods industries. Meanwhile, we considered time-varying industry variables, such as dynamism, as an additional control variable and obtained supporting results.

	$\frac{1}{1}$ (B) [†]	2 (C)	3 (B)	4 (C)	5 (B)	<u>6 (C)</u>	7 (B)	8 (C)	9 (B)	10 (C)	11 (B)	12 (C)		
Sample	Manufa	Manufacturing High technology and trade		Oth	Others [‡] Manufacturi			ring High technology and trade			ers			
Dependent variable		Inward internationalization					Outward internationalization							
•		Controls a	are the same as tak	ole A3a and no	t reported	Controls are the same as table A3b and not reported								
Ideological imprint (H1)	266**	014•	294"	028**	377 **	040**	-2.321"	228**	-2.633"	269"	-3.284"	319**		
	(.063)	(.006)	(.077)	(.010)	(.080)	(.005)	(.559)	(.048)	(.520)	(.057)	(.621)	(.059)		
Political involvement	.088	.001	.113	.009**	.032	.012**	.259	.095	.002	.000	.494**	.120**		
	(.288)	(.006)	(.144)	(.003)	(.680)	(.004)	(.393)	(.071)	(.083)	(.003)	(.058)	(.012)		
Government appropriation	.601	.003	8.871	.017	2.503	.038"	1.469	.118	.026	.014	5.203	.047		
	(1.176)	(.029)	(5.840)	(.137)	(2.007)	(.004)	(3.651)	(.329)	(.255)	(.011)	(2.409)	(.049)		
Social network	.378	.010"	.062*	.034•	.310	.002	4.243	.095	.002	.000	.008	.001		
	(.273)	(.003)	(.026)	(.014)	(.838)	(.004)	(5.198)	(.067)	(.031)	(.001)	(.012)	(.003)		
Post 2001	.008	.000	.015"	.003**	.008	.000	.011	.003*	.006**	$.000^{+}$.021**	.004"		
	(.006)	(.000)	(.005)	(.001)	(.013)	(.000)	(.009)	(.001)	(.002)	(.000)	(.002)	(.000)		
Regional FDI intensity	1.346	.009	.083"	.228**	5.580	.029*	.258"	.231+	.549"	.012	.051"	.406**		
	(.879)	(.009)	(.031)	(.043)	(8.129)	(.012)	(.082)	(.124)	(.195)	(.006)	(.019)	(.114)		
Ideological imprint × Political involvement	.189"	.010*	.126"	.095**	.477**	.017**	1.568	.172	1.973"	.140"	1.580^{+}	.066**		
(H2a)	(.061)	(.005)	(.045)	(.031)	(.141)	(.005)	(.682)	(.081)	(.740)	(.037)	(.949)	(.016)		
Ideological imprint × Government	.889*	.093*	.530*	.523**	2.481"	.400**	3.766**	.319"	5.096"	.813"	4.647+	.428**		
appropriation (H2b)	(.365)	(.043)	(.245)	(.203)	(.878)	(.058)	(1.057)	(.050)	(1.587)	(.228)	(2.683)	(.096)		
Ideological imprint × Social network (H3)	.071	.005"	.059*	.049**	.240**	.006**	.510"	.095"	.931"	.061"	.651"	.046		
	(.025)	(.001)	(.027)	(.016)	(.063)	(.002)	(.087)	(.011)	(.344)	(.009)	(.122)	(.019)		
Ideological imprint × Post-1999 (H4a)	.015	.003"	.011	.048*	.125	.003*	.139	.055"	.339+	.017"	.185"	.012**		
	(.007)	(.001)	(.005)	(.022)	(.053)	(.001)	(.060)	(.014)	(.180)	(.006)	(.044)	(.002)		
Ideological imprint × Regional FDI	.041**	.006**	.011+	.026**	.181"	.005**	.357*	.069**	.709**	.014+	.314**	.001"		
intensity (H4b)	(.007)	(.001)	(.006)	(.006)	(.056)	(.001)	(.161)	(.018)	(.268)	(.008)	(.058)	(.000)		
Number of observations	4,483	679	1,686	255	14,395	2,181	3,078	540	1,158	203	9,883	1,733		
Goodness of fit (pseudo R ²)	.377		.395		.386		.453		.432		.454			
Goodness of fit (between R ²)		.311		.365		.297		.372		.401		.384		

Table B8. Subsample Results by Industry from Heckman Model of Internationalization (1993–2012)*

+ p < .10; $\bullet p < .05$; $\bullet p < .01$; intercept not reported to save space.

* Numbers of observation vary according to different subsamples.

† B: binary measure of dependent variable, C: continuous measure of dependent variable.

‡ Other industries include services, advertisement, consulting, art, retail, etc.

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