Codebook for
"Has China's Young Thousand Talents Program been Successful in Recruiting and Nurturing Top Caliber Scientists?"

acceptor_rejector.csv	
uniqueID	Unique scientist identifier
reject	Dummy variable with the value of one indicating that the focal scientist rejected the YTT offer
Recruit_year	The year of the YTT offer
Cohort	The corhot of the YTT offer (please keep in mind that for some years, the YTT program recruited two cohorts)
Discipline	The academic discipline of the focal scientist
top200	Dummy of whether the scientist received his/her doctoral degree from a globally top-200 university
PI	Dummy of whether the focal scientist held an overseas faculty position when he/she was recruited by the YTT program
avg_pub	Average number of articles per year for the pre-treatment era (i.e. the five years prior to return and the year of return)
avg_FA_pub	Average number of first-authored articles per year for the pre-treatment era (i.e. the five years prior to return and the year of return)
avg_FA_top10pub	Average number of first-authored articles in top 10% journals (in terms of field-specific journal impact factor) per year for the pre-treatment era (i.e. the five years prior to return and the year of return)
avg_LA_pub	Average number of last-authored articles per year for the pre-treatment era (i.e. the five years prior to return and the year of return)
avg_LA_top10pub	Average number of last-authored articles in top 10% journals (in terms of field-specific journal impact factor) per year for the pre-treatment era (i.e. the five years prior to return and the year of return)
grant_nlg	Research grants in USD per year for the pre-treatment era (i.e. the five years prior to return and the year of return)
cem.csv,fullsample.csv,control_univ_ri.csv,control_evertop200.csv,control_top200.csv,cninclude.csv,cninclude.csv,ytt_vs_stayer.csv,gt.csv,cem_grdy1.csv,cem_grdy0.csv,cemadvisor.csv	
uniqueID	Unique scientist identifier
year	Unique year identifier
treat	Dummy variable with the value of one for the YTT scientists
returnyear	The year in which the focal YTT scientist returned to China

groupID	Unique identifier for scientist groups. Each YTT scientist and his/her matched overseas peers belonged to one unique group
Doctoral_graduation_year	The year in which the focal scientist received his/her doctoral degree
post	Dummy of whether the focal year was in the post-return era
treat_post	The interaction of the variables *treat* and *post*
Gender	The gender of the focal scientist
Cohort	The YTT cohort for the focal YTT scientist
Discipline	The academic discipline for the focal scientist
Bachelor_university	The bachelor degree university for the focal scientist
Doctoral_university	The doctoral degree university for the focal scientist
Region_bf_rcrt	The country/region in which the focal YTT scientist had worked before returning to China
Doc_region	The country/region for the the university from which the focal scientist received his/her doctoral degree
num_of_pub	Number of articles published each year by the focal scientist
Q12_num	Number of articles published in top 50% journals (in terms of field-specific journal impact factor) each year by the focal scientist
Q1_num	Number of articles published in top 25% journals (in terms of field-specific journal impact factor) each year by the focal scientist
top10_num	Number of articles published in top 10% journals (in terms of field-specific journal impact factor) each year by the focal scientist
FA_pub	Number of first-authored articles each year by the focal scientist
FA_Q12pub	Number of first-authored articles published in top 50% journals (in terms of field-specific journal impact factor) each year by the focal scientist
FA_Q1pub	Number of first-authored articles published in top 25% journals (in terms of field-specific journal impact factor) each year by the focal scientist
FA_top10pub	Number of first-authored articles published in top 10% journals (in terms of field-specific journal impact factor) each year by the focal scientist
LA_pub	Number of last-authored articles each year by the focal scientist
LA_Q12pub	Number of last-authored articles published in top 50% journals (in terms of field-specific journal impact factor) each year by the focal scientist
LA_Q1pub	Number of last-authored articles published in top 25% journals (in terms of field-specific journal impact factor) each year by the focal scientist

LA_top10pub	Number of last-authored articles published in top 10% journals (in terms of field-specific journal impact factor) each year by the focal scientist
teamsize	The annual size of research team (lagged) for the focal scientist
teamsize_nlg	The annual size of research team (not lagged) for the focal scientist
grant	The annual research grant in USD (lagged) for the focal scientist
Alumni	Dummy of whether the focal YTT scientist joined his/her alma mater in China
Recruit_institution	The employer of the focal YTT scientist in China
Recruit_type	The type of employer of YTT. T2-Tsinghua/Peking University; C9?CAS-C9 universities excluding Tsinghua and Peking University or Chinese Academy of Science;Other-other institutions
phd_overall_rank	The doctoral program rankings of the scientist
phd_field_rank	The field-specific doctoral program rankings of the scientist
bc_overall_rank	The bachelor program rankings in China of the scientist
recruit_position	The academic position given to the YTT when he/she returned to China
top10_productivity	Dummy of whether the YTT belongs to the top 10% in terms of pre-return productivity
cov_balance.csv	
uniqueID	Unique scientist identifier
groupID	Unique identifier of the scientist group. The matched YTTs and controls are in the same group
treat	Dummy of the YTT scientist
Doctoral_graduation_year	The year of the doctoral degree
B1	Dummy of whether the scientist got BS from top 10 universities in China
D1	Dummy of whether the scientist got PhD from globally top 100 universities
prior_pub	Number of articles per year before return
prior_Q12	Number of articles per year in top 50% journals during the five years prior to return and the year of return
prior_Q1	Number of articles per year in top 25% journals during the five years prior to return and the year of return
prior_top10	Number of articles per year in top 10% journals during the five years prior to return and the year of return
prior_citation	Number of citations per year during the five years prior to return and the year of return
inst_2019_treat.csv	
uniqueID	Unique scientist identifier
treat	Dummy of the YTT scientist

inst_2019	The employer of the YTT in 2019
offfer_decision.csv	
uniqueID	Unique scientist identifier
reject	Dummy of whether the scientist rejects the YTT offer.
Recruit_year	The year of the YTT offer
recruit_from_us	Dummy of whether the YTT scientist worked in US when getting the YTT offer
Cohort	The corhot of the YTT offer
Discipline	The discipline of the scientist
chinaphd	Dummy of PhD from China
usphd	Dummy of PhD from US
top200	Dummy of whether the scientist got the doctoral degree from globally top 200 universities
PI	Dummy of whether the scientist held an overseas faculty position when he/she was recruited by the YTT
avg_Q12_num	Average number of articles in top 50% journals per year until the year of the YTT offer
avg_Q1_num	Average number of articles in top 25% journals per year until the year of the YTT offer
avg_top10_num	Average number of articles in top 10% journals per year until the year of the YTT offer
avg_FA_Q12pub	Average number of first-authored articles in top 50% journals per year until the year of the YTT offer
avg_FA_Q1pub	Average number of first-authored articles in top 25% journals per year until the year of the YTT offer
avg_FA_top10pub	Average number of first-authored articles in top 10% journals per year until the year of the YTT offer
avg_LA_Q12pub	Average number of last-authored articles in top 50% journals per year until the year of the YTT offer
avg_LA_Q1pub	Average number of last-authored articles in top 25% journals per year until the year of the YTT offer
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