

Supplementary for “Joint funds of the National Natural Science Foundation of China: a review of information sciences between 2011 and 2020”

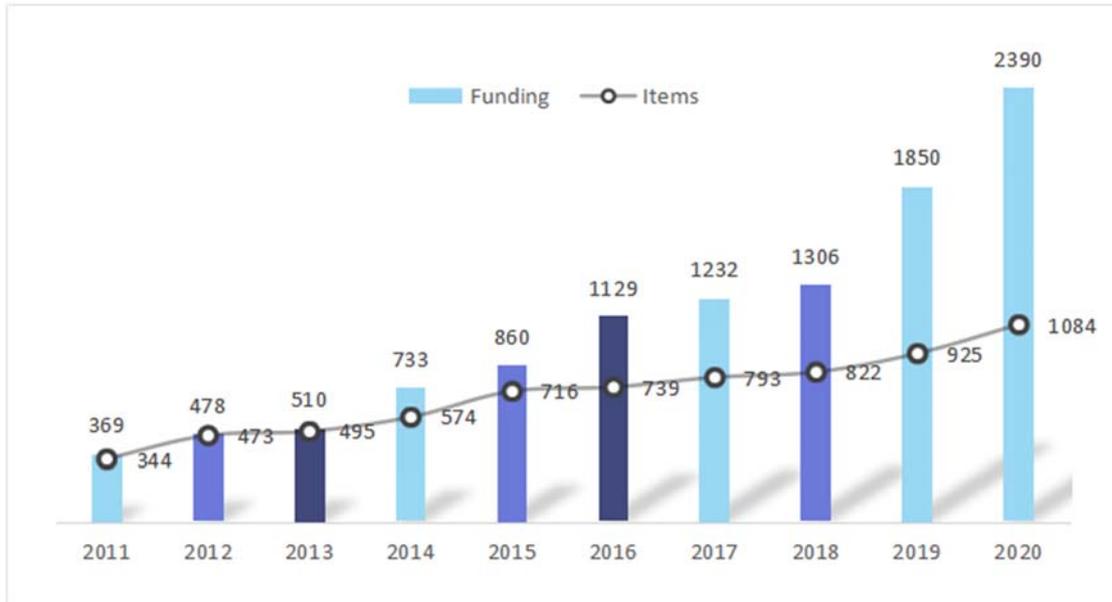


Figure S1

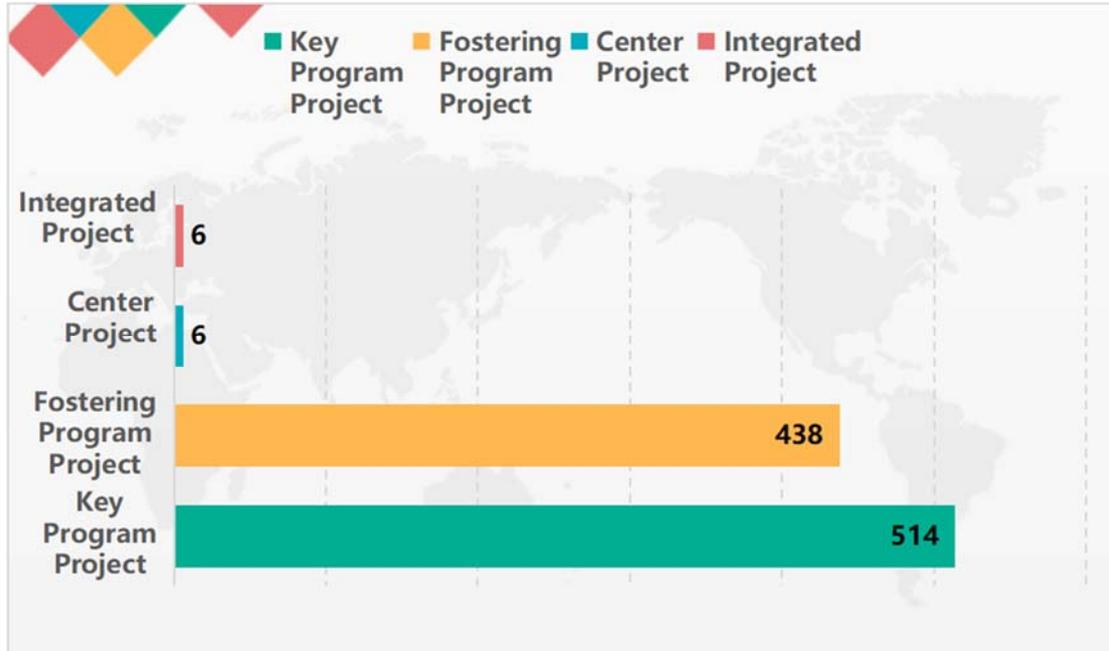


Figure S2

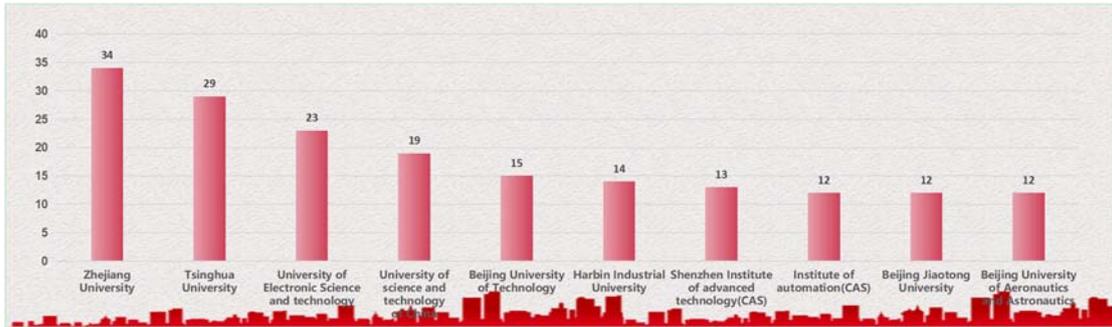


Figure S3

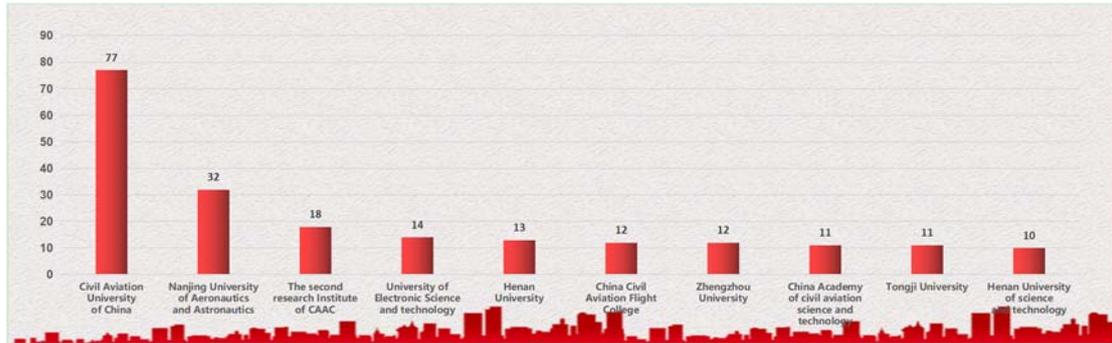


Figure S4

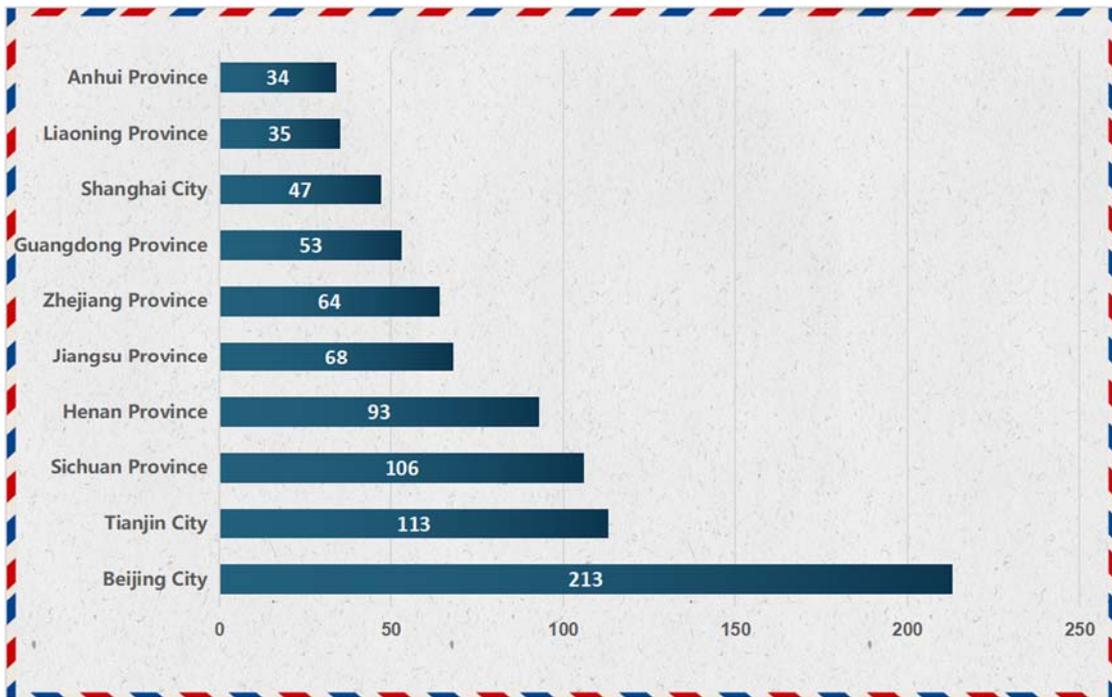


Figure S5

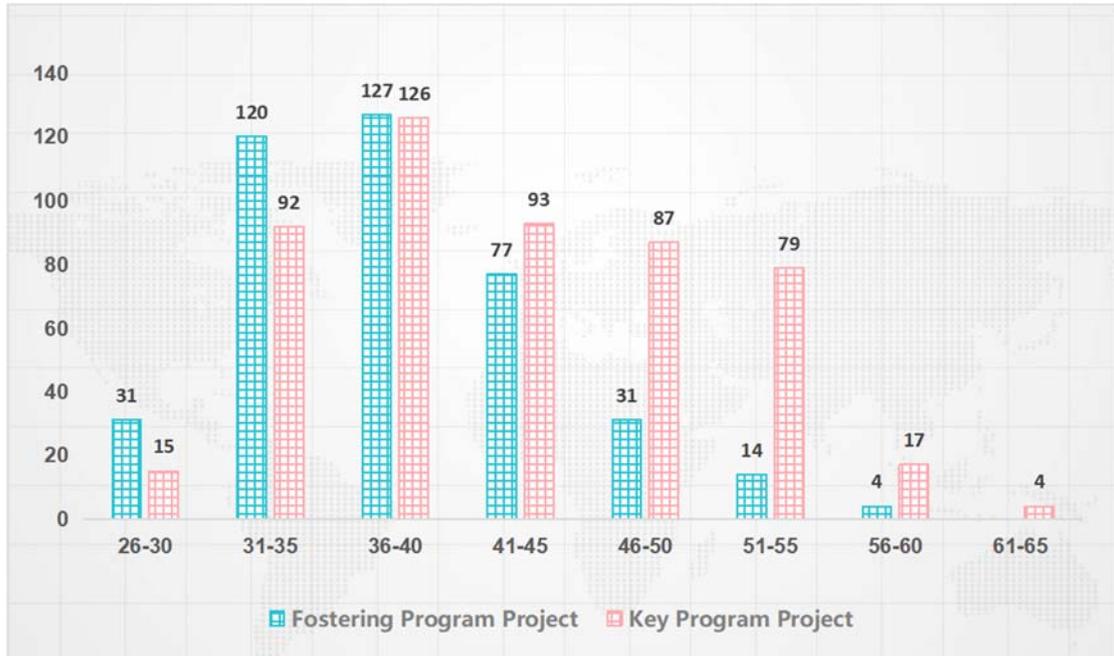


Figure S6



Figure S7

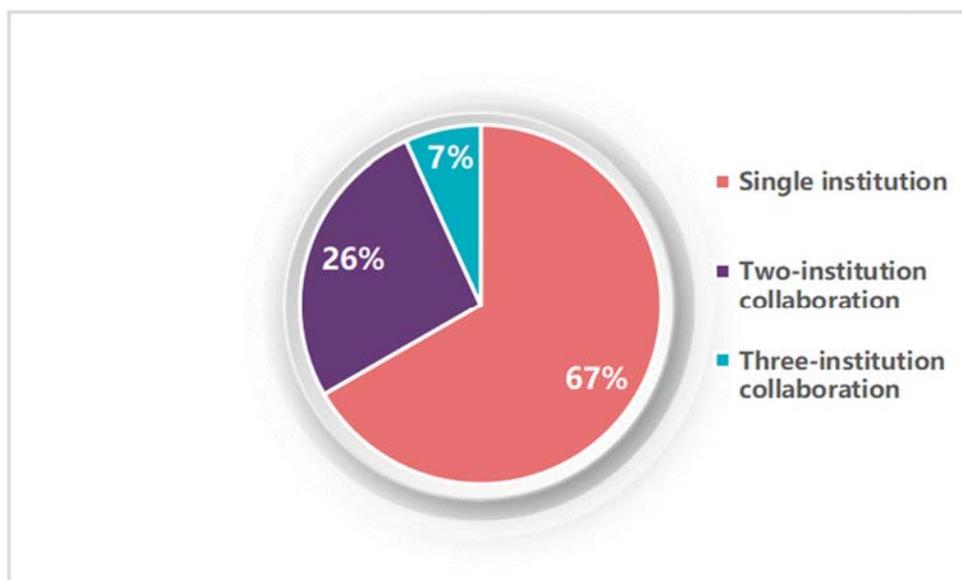


Figure S8

Table S1

Table 1 Funding applications supported by the Joint Funds between 2011-2020

Year	No.of applications	No.of awards	Average funding amount(thousand CNY)	Success rate(%)
2011	2,770	344	1,072	12.4
2012	2,459	473	1,010	19.2
2013	2,288	495	1,029	21.6
2014	3,598	574	1,277	16.0
2015	4,218	716	1,201	17.3
2016	4,869	739	1,527	15.2
2017	4,451	793	1,554	17.8
2018	5,044	822	1,710	16.3
2019	5,729	925	2,000	16.1
2020	5,806	1084	2,202	18.6
Total	41232	6965	1,573	16.9

Table S2

Table 2 Funding applications supported by the Joint Funds in the field of information sciences between 2011-2020

Year	No.of applications	No.of awards	Average funding amount(thousand CNY)	Success rate(%)
2011	131	37	517	28.2
2012	230	52	479	22.6
2013	266	59	569	22.2
2014	372	69	895	18.5
2015	546	84	812	15.4
2016	365	74	2032	20.3
2017	464	121	1,773	26.1
2018	558	125	2,416	22.4
2019	950	191	2,173	20.1
2020	653	152	2,801	23.3
Total	4535	964	1,780	21.3

Table S3

Table 3 Projects supported by the NSFC Joint Funds in the field of information sciences from 2011-2020 according to scientific area

Application code	Areas	Sum
F01	Electronics and Information Systems	428
F02	Computer Sciences	211
F03	Automation Sciences	197
F04	Semiconductor science and information devices	19
F05	Optics and Optoelectronics	29
F06	Artificial Intelligence	79
F07	Information Science in interdisciplinary science	1
Total		964

Table S4

Table 4 The number of projects supported by each joint fund (in the field of information sciences)

Joint Funds	Numbers of awards
Civil Aviation Joint Research Fund	331
NSFC-GenerTec Joint Fund for Basic Research	124
Joint fund for the Innovation-Driven Development of region	108
NSFC-Henan Joint Fund	88
NSFC-Shenzhen Robotics Research Center Project	81
Joint fund for the Innovation-Driven Development of enterprise	69
NSFC-Zhejiang Joint Fund for the Integration of Industrialization and Informatization	57
NSFC-Guangdong Center for Big Data Research	27
Joint Fund for the Innovation-Driven Development of China Automobile Industry	22
NSFC-Liaoning Joint Fund	17
Joint fund for basic research of high speed railway	26
NSFC-Shandong Joint Fund	8
Joint Fund for Smart Grid	5
NSFC-Guangdong Joint Fund	1
Total	964