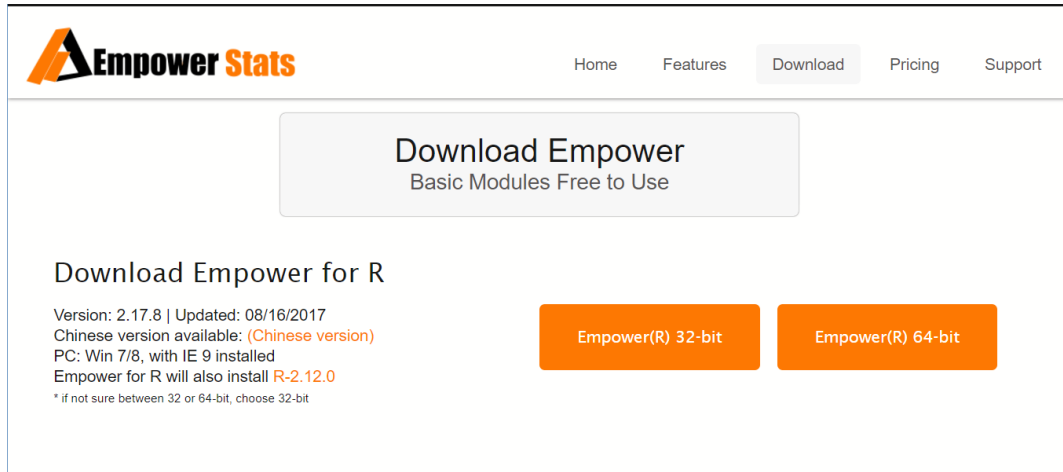
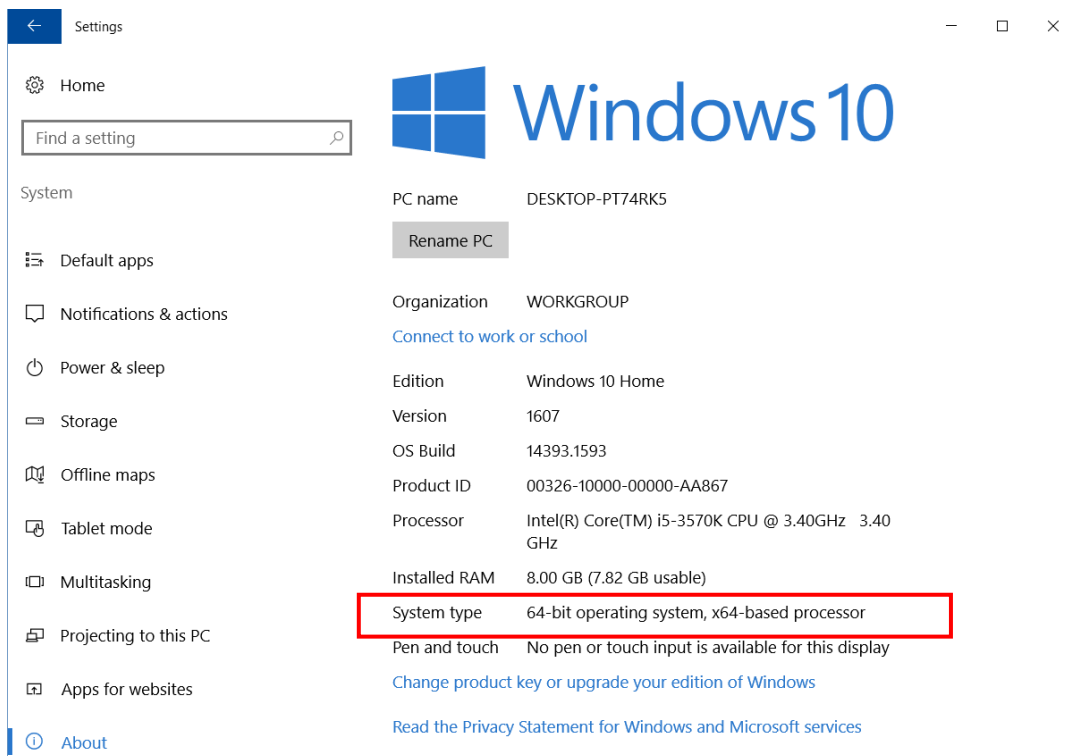


# Download and Install EmpowerStats

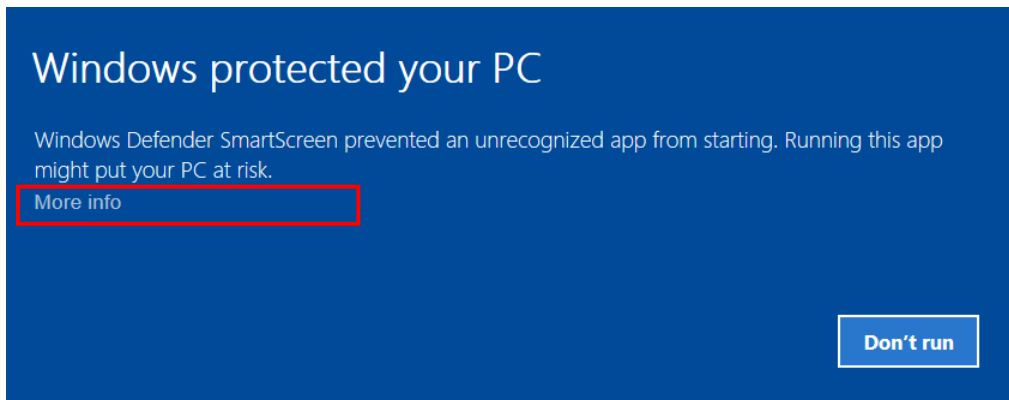
1. Go to: <http://www.empowerstats.com> or <http://r.empowerstats.cn> (for Chinese version), click “Download” button



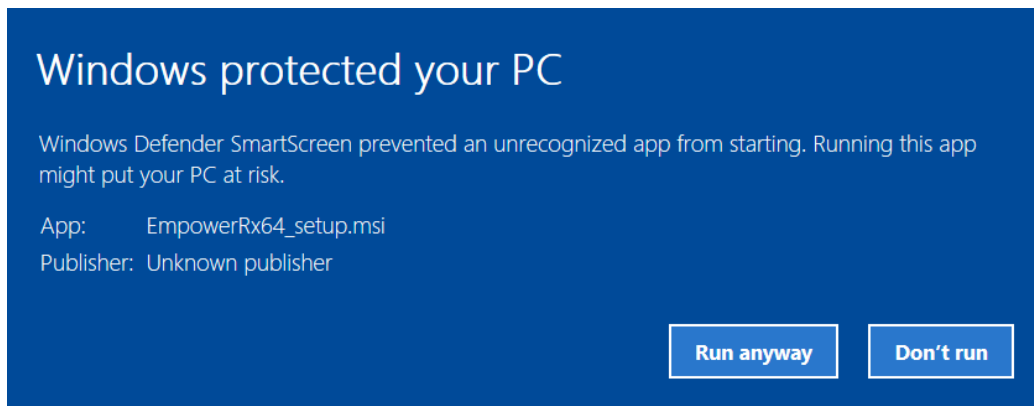
2. Click “Empower(R) 32-bit” or “Empower(R) 64-bit”. If you are not sure which one to choose, click “Empower(R) 32-bit”. Or open your computer setting, check system for “**System type**” (see below), select the file match with your system type.



3. After downloading completed, click the downloaded **.msi** file, eg. EmpowerRx64\_setup.msi



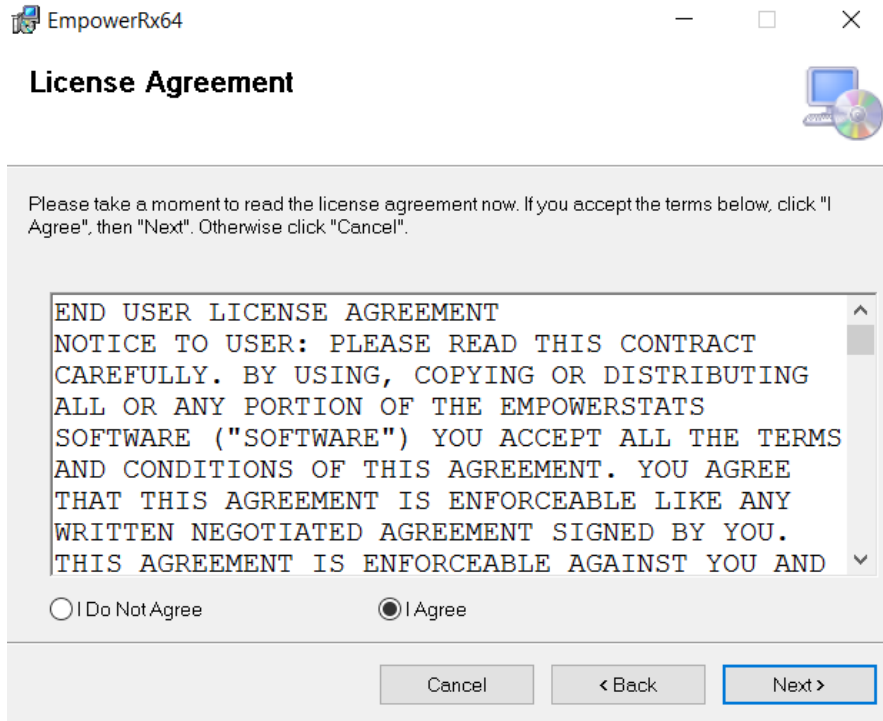
Click "More info"



Click "Run anyway"

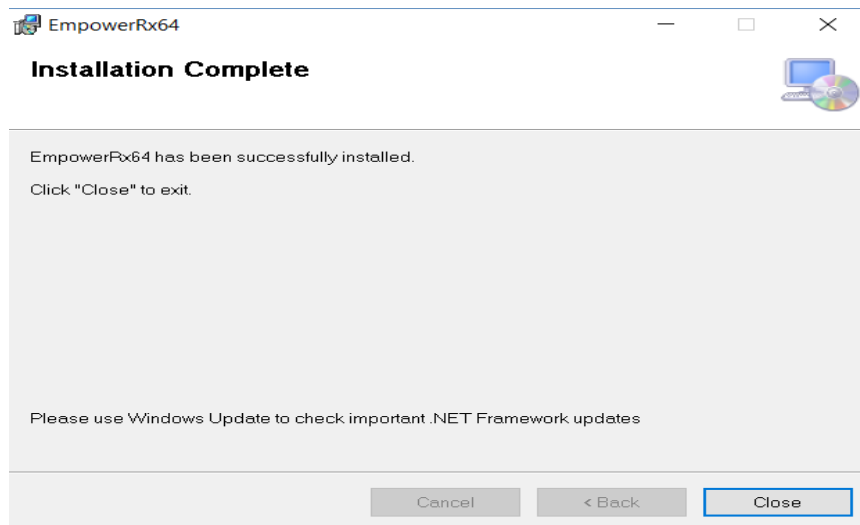


Click "Next >"



Select “I Agree”, then click “Next >”

Click “Yes” in the next prompt page, if needed.



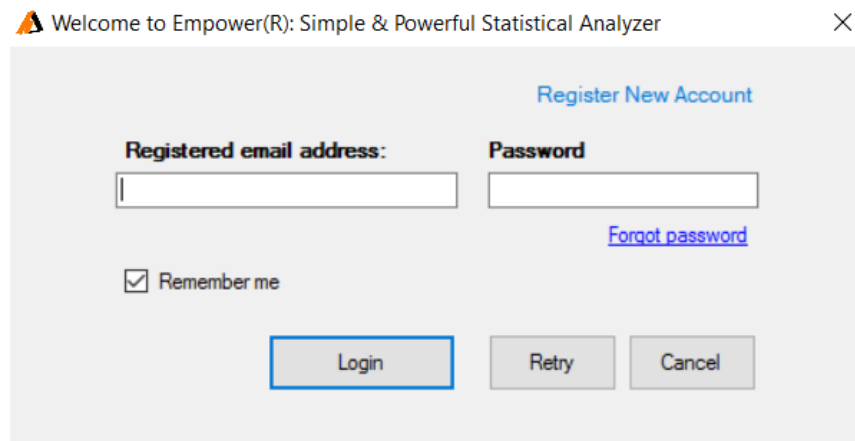
Click “Close” to finish installation.

Look desktop for application icon:  or  (Chinese version)

Now you have successfully installed “EmpowerStats”.

## Start using EmpowerStats

1) Click the icon “EmpowerRx64” to start using EmpowerStats.



Welcome to Empower(R): Simple & Powerful Statistical Analyzer

Register New Account

Registered email address:

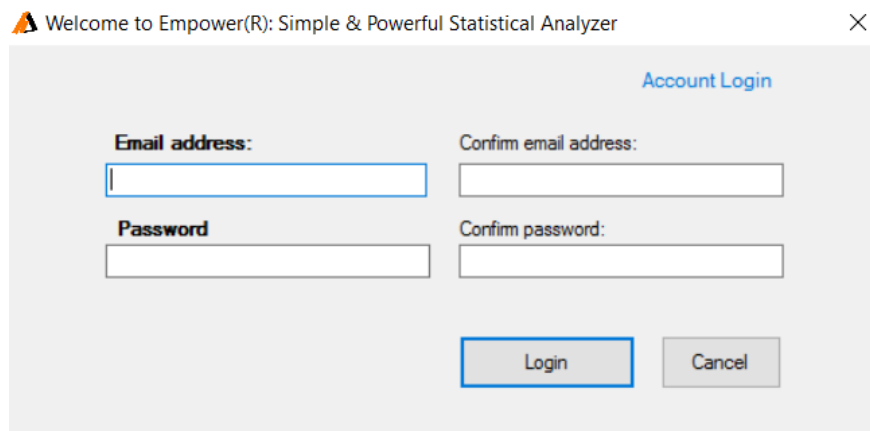
Password:

Remember me

[Forgot password](#)

Login Retry Cancel

2) First time user need to click “Register New Account” to register an account.



Welcome to Empower(R): Simple & Powerful Statistical Analyzer

Account Login

Email address:

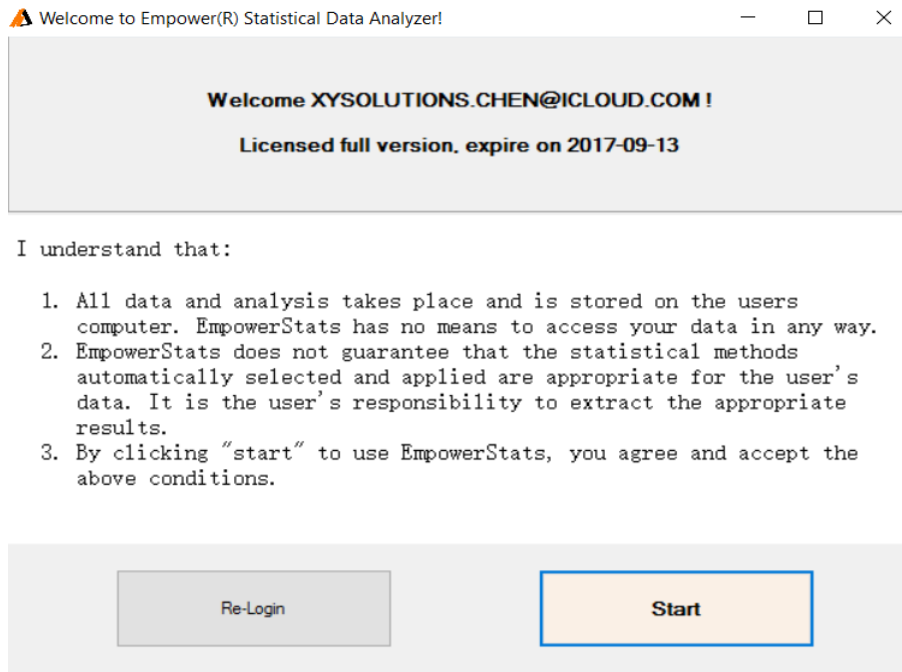
Confirm email address:

Password:

Confirm password:

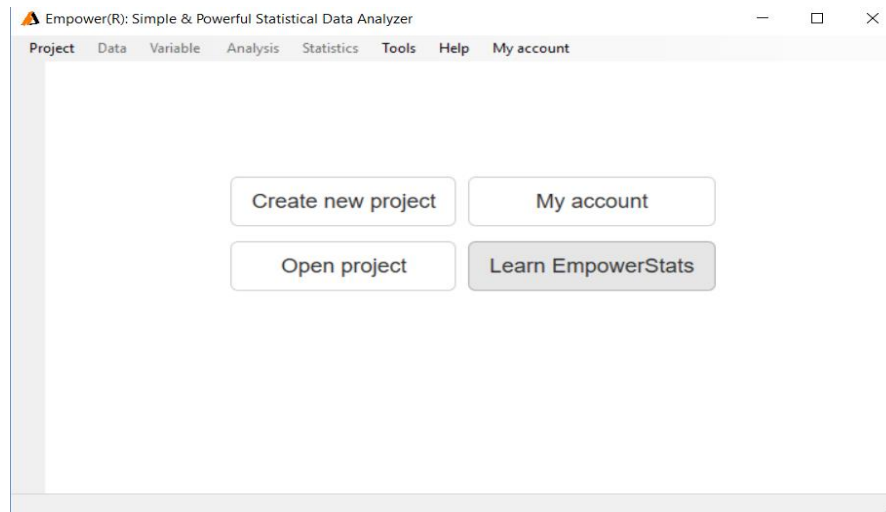
Login Cancel

Filling the form, create a password for your account. Then login to your account.



Click "Start"

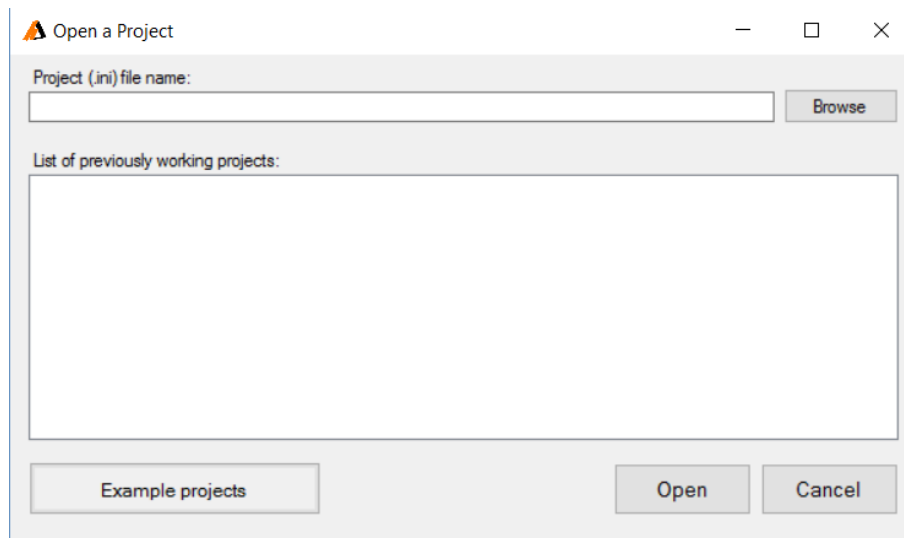
First time user, the system will automatically download and install "R", wait for the "Windows command prompt" windows finished installing "R". Then see the "Empower(R)" startup page as:



Without open up a project, the "Data", "Variable", "Analysis", "Statistics" menu is disabled.

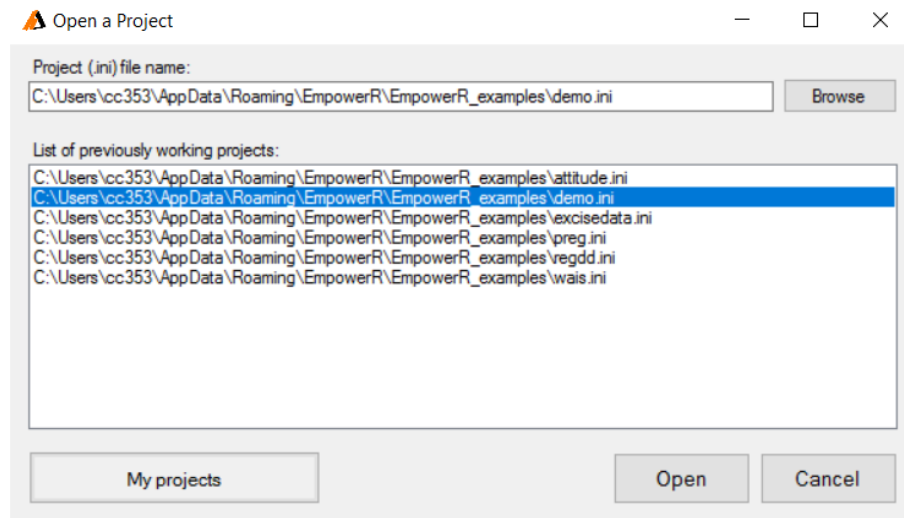
## Open project:

Click “Project”, then select “Open”,



See manual for “open a project”.

To get a glance with “example projects”, click “Example projects”, select “demo.ini”



Click “Open”, see

Empower(R): Simple & Powerful Statistical Data Analyzer

Project Data Variable Analysis Statistics Tools Help My account

**demo**

**Data**

- Selected variables
- All variables
- Characteristics of study pop
- Univariate Analysis
- Stratified analysis
- Interactions test
- Multiple regression
- Automatic Analysis Design
- Spline smoothing plot
- Threshold effect analysis
- Threshold effect analysis
- Threshold effect analysis

Slt	#	Name	Label
1	1	FMYTYPE	FMYTYPE
2	2	FMYID	FMYID
3	3	SUBJ	SUBJ
4	4	NID	NID
5	5	SEX	SEX
6	6	OCCU	OCCU
7	7	EDU	EDU
8	8	AGE	Age, years
9	9	HEIGHT	Height, m
10	10	WEIGHT	Weight, kg
11	11	SBP	Systolic BP, mmhg
12	12	DBP	Diastolic BP, mmhg
13	13	FEV1	FEV1
14	14	FVC	FVC
15	15	PSMK	Passive smoke
16	16	COUGH	COUGH
17	17	PHLEGM	PHLEGM
18	18	WHEEZE	WHEEZE
19	19	SOB	Shortness of breath
20	20	SMOKE	SMOKE
21	21	SMKAMT	SMKAMT
22	22	ALH	Alcohol
23	23	A11	A11
24	24	A12	A12
25	25	A21	A21
26	26	A22	A22
27	27	A31	A31
28	28	A32	A32
29	29	BMI	Body mass index, kg/m2
30	30	HBP	High BP

Data distribution (click HERE to refresh)

**FMYTYPE**

value	count	percent
0	90	10.82%
1	742	89.18%
<b>Total</b>	<b>832</b>	

**FMYID**

percentile	value	distribution
min	1	1
5%	12	10.75  ****
10%	22	30.25  ****
25%	49.75	49.75  ****
50%	98	69.25  ****
75%	143	88.75  ****
90%	173.9	108.25  ****
95%	185.45	127.75  ****
max	196	147.25  ****
mean	97.549	166.75  ***
std	55.194	186.25  ****
n	832	196
.	0	-----distribution--

**SUBJ**

percentile	value	distribution
min	1	1
5%	41.55	41.9  ****
10%	82.1	123.7  ****

Expand All Data file: demo.Rdata #Obs:832, #Variables:28 #New variables:6

Now you can use EmpowerStats to analyze the data.