

IDCJ Evaluation Department presents.
39th Professional Statistical Workshop

~From basics to Advanced Techniques in two days + Theory & Practice of Impact Evaluation (5 designs)~

“Anyone can understand without fail and you can be a professional !!”

Participant's voice 1: “The instructor explained everything using only +, -, ×, ÷. It was truly amazing”.

Participant's voice 2: “Very happy because I became able to read academic thesis using statistics, and now I am reading many day by day”.

Date 19 (Tue) 9:30-12:00, December 2023 (Japan Time (JST)) for a half-day presentation

19(Tue) 13:00-16:00, 21(Thu) 9:30-16:00, and 22 (Fri) 9:30-18:00, December 2023 (Japan Time (JST))

Minimum Attendants for implementation 10 people

Language English (Instructors allow attendants to use Japanese after their lectures and in Counseling time in the last day)

Instructor Ryo SASAKI, Ph.D.in Evaluation, **Western Michigan University (USA)** (Senior Researcher, IDCJ Inc.)
 Keiichi TAKAKI, Ph.D. in Sociology, **Stanford University (USA)** (Bunsekiya Co.Ltd.)

Venue Zoom. You can access anywhere in the world.

Time table As below. The session may finish earlier or later depending on the progress.



*Certificate of Completion (English, instructor-signed)
 is awarded after an attendant submit the sheet recording
 his/her attendance. You can easily add it with your resume
 by PDF format.*

回	日時			講師
19 (Tue) December 2023	9:30- 12:00		Presentation: 5 designs and case studies of Impact Evaluation (1) Before-after comparison design Most simple (2) Interrupted Time-series design (3) Generic control design (4) Matched control design (5) RCT (Randomized control trial) Most rigorous	Ryo SASAKI
	13:00- 16:00		(1) Histogram, average and standard deviation Excel and hand calculation	Ryo SASAKI
21 (Thu) December 2023	09:30- 12:00		(2) Compare with the previous situation (Paired t-test) Excel, hand calculation, practices & how to read academic papers	Ryo SASAKI
	13:00-14:30		(3) Compare with the neighbors (Two-group t-test) Excel, hand calculation, practices & how to read academic papers	Ryo SASAKI
	14:30-16:00		(4) Compare the ratio of “Yes” and “No” (Chi-squared test) Excel, hand calculation, practices & how to read academic papers	Ryo SASAKI
22 (Fri) December 2023	9:30-12:00		(5) Multiple regression with cross-section data Excel, practices, and how to read academic papers	Ryo SASAKI
	13:00-14:00		(6) Hand calculation of multiple regression You will hand-calculate F, R2, coefficient, t, p and everything !!	Ryo SASAKI
	14:00-16:00		(7) Multiple regression with time-series data Excel, hand practices & how to read academic papers	Ryo SASAKI
	16:00-16:30		(8) How to study statistics: Case of Stanford University	Keiichi TAKAKI
	16:30-18:00		(9) Counseling time (30 minutes x 3 attendants)	Keiichi TAKAKI Ryo SASAKI

Prerequisites

- (1) You should be able to implement addition, subtraction, multiplication, division (+, −, ÷, ×).
- (2) You should have experience in using Microsoft Excel: (i) You should be able to input numbers smoothly. (ii) You should have experience in using “Auto-sum” icon.
- (3) You should be able to prepare a Windows OS personal computer.

Note: “Excel Mobile for Tablet” is not acceptable because its version does not have Analysis Tools.

Necessary items to bring

For a half-day session

- (i) You should bring only a personal computer or tablet.

For two-days training session

- (ii) A Windows OS personal computer (It is preferable that CPU is Core-i5 or faster).
- (iii) A monitor or another personal computer (Its screen size should larger than 12 inch).
- (iv) Writing tools (pen or pencil, high-light pen and an eraser)
- (v) A hand calculator (Smartphone is acceptable).

Fee, Register and Contact

A half-day presentation of impact evaluation: Free-of-charge

Two-days training session: JPY 29,000 (≒USD250) including tax

Registration

Please fill-in the following Googleform.

<https://docs.google.com/forms/d/e/1FAIpQLSebokfLv7LZIVMtD37doCN-pE9UiuCVD94tRLYjeNY7L7jmrq/viewform>

Permission for Paid Archives

The recorded video will be recycled for “paid archives” (the archives that can be viewed by payment) after the workshop. Please provide us your nickname and make your camera off during the workshop if you do not want to be included in the paid archives.

Contact for registration

The following IDCJ website. Contact person is Ryo SASAKI.

<https://www.idcj.jp/seminar/statistical-analysis-workshop.html>