IDCJ Evaluation Department presents.
31th 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 ： 13 (Mon) 14:00-17:30, December 2021 (Japan Time (JST)) for a half-day presentation
　　　　14 (Tue) and 15 (Wed) 9:30-18:00, December 2021 (Japan Time (JST))
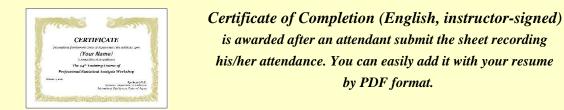Minimum Attendants for implementation:10 people
Language : English (Instructors allow attendants to use Japanese after their lectures and in Counseling time in the last day)
Instructor ： Ryo SASAKI, Ph.D.in Evaluation, Western Michigan University (USA) (Senior Researcher, IDCJ Inc.)
　　　　　　Keiichi TAKAKI, 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
13（Mon）December 2021	14:00-17:30		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
14（Tue）December 2021	9:30-12:00		(1)　Histogram, average and standard deviation 　　　Excel and hand calculation.	Ryo SASAKI
	13:00-15:00		(2) Compare with the previous situation (Paired t-test) 　　　Excel, hand calculation, practices & how to read academic papers	Ryo SASAKI
	15:00-17:00		(3) Compare with the neighbors (Two-group t-test) 　　　Excel, hand calculation, practices & how to read academic papers	Ryo SASAKI
	17:00-18:00		(4) Compare the ratio of "Yes" and "No" (Chi-squared test) 　　　Excel, hand calculation, practices & how to read academic papers	Ryo SASAKI
15（Wed）December 2021	9:30-11:30		(5)　Multiple regression with cross-section data 　　　Excel, practices, and how to read academic papers	Ryo SASAKI
	11:30-12:30		(6) Hand calculation of multiple regression 　　　You will hand-calculate F, R2, coefficient, t, p and everything !!	Ryo SASAKI
	13:30-15:30		(7) Multiple regression with time-series data 　　　Excel, hand practices & how to read academic papers	Ryo SASAKI
	15:30-16:30 Spare time		Spare session (We may extend the above sessions in case time is not enough)	Ryo SASAKI
	16:30-18:00		(8) Practice of statistical data analysis at a private IT firm (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

         You can pay by Peatix as follows.

          https://peatix.com/event/3062558/view

    Contact for registration: The following IDCJ website. Contact person is Ryo SASAKI.

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