Encouraging Income Assistance clients to register at WorkBC

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SDPR and WorkBC





- SDPR provides income assistance (IA) to individuals and families who have no other resources to meet their basic needs.
- WorkBC supports individuals in finding and keeping a job.
- Target population: employment-obligated IA clients.
- The Problem: only 8% clients who are referred to WorkBC Employment Services access those services.
 - WorkBC participation increases monthly employment rates by 2.3x

The intervention – a BI-enhanced reminder message

Barriers Solutions

- Low motivation ga
 - gain frame
- impersonal service personalized
- Lack of Service Awareness

information

easy

cognitive overload

forgetfulness

Subject: WorkBC can help!

Dear <<Recipient>>,

Did you know that WorkBC Employment Services can double your chances of finding work?

These are some of the great programs that WorkBC can connect you with:

- Job search, training, and placements
- Assistance with clothing, equipment, and transportation
- Interpreter and English language services
- Assistive technology
- Indigenous Skills and Employment Training

Click here to apply online, download the WorkBC app, or visit your local WorkBC Centre.

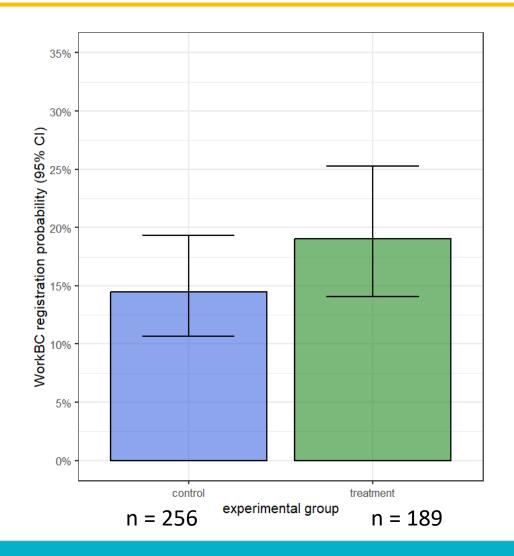
For more information, please contact WorkBC by phone at 250-952-6914 or 1-877-952-6914 (toll free), or by e-mail at wbcinfo@gov.bc.ca

WorkBC is looking forward to supporting your employment journey.

Results – main effect of treatment

Ignoring other factors, our Gain message increased the WorkBC registration rate from 14.5% to 19.0% (p = 0.197).





Results – Does the treatment interact with other factors?

We checked using a causal forest machine learning model

- An ensemble of decision trees which quantifies variation in treatment effects due to interactions with other factors, like age, education, etc.
- Is the effect of an intervention stronger or weaker for some subgroups in our sample than others, and if so, by how much?



Susan Athey



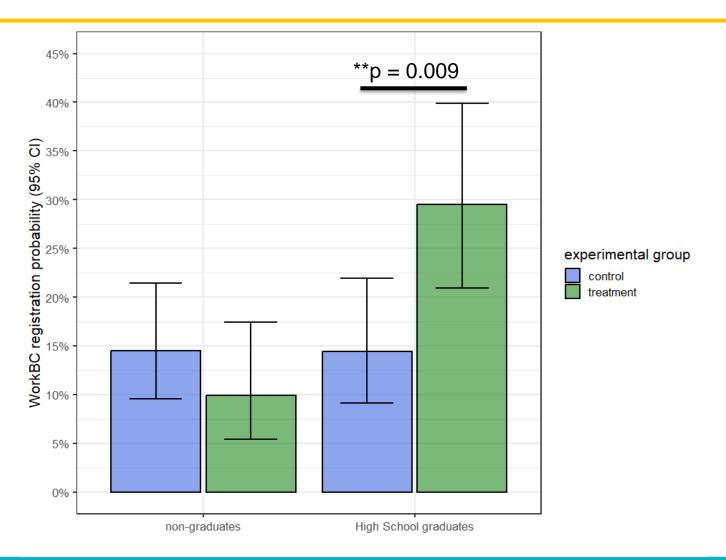
Athey, S., & Imbens, G. (2016). Recursive partitioning for heterogeneous causal effects. *PNAS*, *113*(27), 7353-7360.

Athey, S., & Wager, S. (2019). Estimating treatment effects with causal forests: An application. *Observational Studies*, 5(2), 37-51.

Results – treatment by education interaction

- Statistically significant interaction between treatment and high school graduation status (p = 0.013).
- Gain message doubles WorkBC registration rate (14.4% to 29.5%), but only among high school graduates.





Recommendations

Implement the gain message, starting with high school grads

• Explore alternative options for helping clients with greater barriers.

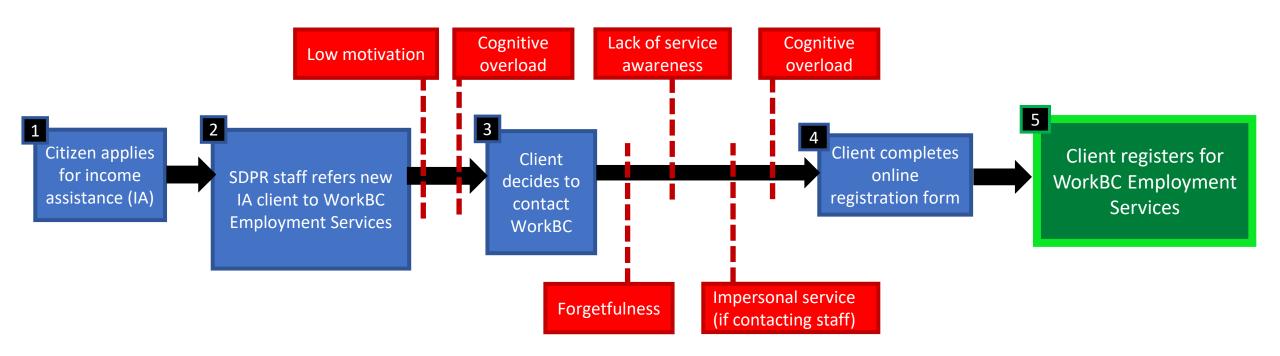
Support further research to evaluate employment outcomes.



Q&A

Behavioural process map

(actions | barriers | target behaviour)





Target Behaviour:

Client registers for WorkBC services.

