**Reporting results for your study on the AEA RCT Registry:**

**Teacher Training and Entrepreneurship Education: Evidence from a Curriculum Reform in Rwanda**

We are a team of researchers studying pre-registration, pre-analysis plans, and the reporting of results in social science research. Our research team has developed a short template to facilitate reporting all pre-registered hypotheses for a given study.

We have extracted hypotheses from your study registered on the AEA RCT registry and attempted to find results for each of them.

We extracted 13 main hypotheses from the registration. We found results for 11 main hypotheses

**It would be extremely valuable for the research community if you could provide results that we were unable to find and review the ones that we found.** We also encourage you to post these results via the Post-Trial section on the AEA RCT Registry page for your study (in the "Reports, Papers, and Other Materials" tab). If you would like to use an empty results report template, you can access it by clicking here.

We thank you for your valuable participation.

Edward Miguel (UC Berkeley)
Bertil Tungodden (NHH Norwegian School of Economics)
Erik Ø. Sørensen (NHH Norwegian School of Economics)
Fernando Hoces de la Guardia (UC Berkeley)

The following research hypotheses' results were NOT FOUND.

We ask you to verify if you agree with the attached encoding, as you recorded them on the AEA registry. If you disagree or would have encoded them differently, please note your preferred encoding using the attached template.

Also, we ask you to please fill the templates in with the results that we were unable to find.

# RCT Registry Results Report

# Main Results <span style="color:orange">Not Found</span>

Here is your original registration, and the attachment details_Pugatch.pdf contains the details of how your registration was encoded.

## Hypothesis #   1      (as interpreted from pre-registration)

Attendance among teachers in treated schools is not different than among those in control group schools

**Mostly agree with this statement?**      Yes      No   **If not, please say why and add correct one:**

## Please provide closest result to this pre-registered hypothesis. *We could not find this result.*

$\hat{\beta}$ =          , Units:          , SE =          , N =          , p-value =

and/or attach document with results and provide the location below:

Can't access it right now, but I remember it was      statistically significant      null

## Why not originally in paper/report:
(select all that apply)

Didn't collect that data      Not included in write-up

Null result      Unfinished paper      Missed by reviewer team

Other comments:

## Primary pre-registered heterogeneity      Agree with below?   Yes   No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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**RCT Registry Results Report**

# Main Results <span style="color:orange">Not Found</span>

## Hypothesis #  2      (as interpreted from pre-registration)

Compliance with entrepreneurship curriculum among teachers in treated schools is not different than among those in control group schools

**Mostly agree with this statement?**      Yes      No   **If not, please say why and add correct one:**

**Please provide closest result to this pre-registered hypothesis.** *We could not find this result.*

$\hat{\beta}$ =                , Units:              , SE =              , N =              , p-value =

and/or attach document with results and provide the location below:

Can't access it right now, but I remember it was        statistically significant        null

## Why not originally in paper/report:
(select all that apply)

        Didn't collect that data            Not included in write-up

        Null result            Unfinished paper            Missed by reviewer team

Other comments:

## Primary pre-registered heterogeneity      Agree with below?      Yes      No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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The following research hypotheses' results were FOUND.

We ask you to verify if you agree with the attached encoding, as you recorded them on the AEA registry.

If you disagree or would have encoded them differently, please note your preferred encoding using the attached template.

**RCT Registry Results Report**

# Main Results Found

**Hypothesis #** 3        (as interpreted from pre-registration)

Business creation among students in treated schools is not different than among those in control group schools

**Mostly agree with this statement?** [ ] Yes   [ ] No   **If not, please say why and add correct one:**

**Closest result to this pre-registered hypothesis** (as found in article, publication, or write-up)

$\hat{\beta}$ = 0.03, SE = 0.02, p-value: p > 0.1

Location: 2021 Paper, Page 12, Table 7, column 3

**Agree with result?** [ ] Yes   [ ] No   **If not, please tell us why here:**

**Primary pre-registered heterogeneity**      Agree with below?   [ ] Yes   [ ] No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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# Main Results Found

## Hypothesis # 4    (as interpreted from pre-registration)

Employment level among students in treated schools is not different than among those in control group schools

**Mostly agree with this statement?**  ☐ Yes  ☐ No  **If not, please say why and add correct one:**

## Closest result to this pre-registered hypothesis (as found in article, publication, or write-up)

$\hat{\beta}$ = -0.05, SE = 0.02, p-value: p < 0.01

Location: 2021 Paper, Page 12, Table 7, column 8

**Agree with result?**  ☐ Yes  ☐ No  **If not, please tell us why here:**

## Primary pre-registered heterogeneity    Agree with below?  ☐ Yes  ☐ No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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## Hypothesis # 5     (as interpreted from pre-registration)

Income among students in treated schools is not different than among those in control group schools

**Mostly agree with this statement?**   ☐ Yes   ☐ No   **If not, please say why and add correct one:**

## Closest result to this pre-registered hypothesis (as found in article, publication, or write-up)

$\hat{\beta}$ = -0.8, SE = 0.7, p-value: p > 0.1

Location: 2021 Paper, Page 12, Table 7, column 9

**Agree with result?**   ☐ Yes   ☐ No   **If not, please tell us why here:**

## Primary pre-registered heterogeneity      Agree with below?   ☐ Yes   ☐ No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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**RCT Registry Results Report**

# Main Results <span style="color:blue">Found</span>

**Hypothesis #** 6       (as interpreted from pre-registration)

Knowledge of entrepreneurship curriculum content among teachers in treated schools is not different than among those in control group schools

**Mostly agree with this statement?**  ☐ Yes   ☐ No   **If not, please say why and add correct one:**

**Closest <span style="color:orange">result</span> to this pre-registered hypothesis** (as found in article, publication, or write-up)

$\hat{\beta}$ = 0.08, SE = 0.02, p-value: p < 0.01

Location: 2022 Paper, Page 9, Table 3, column 5

**Agree with <span style="color:orange">result</span>?**  ☐ Yes   ☐ No   **If not, please tell us why here:**

**Primary pre-registered heterogeneity**      Agree with below?  ☐ Yes  ☐ No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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**Hypothesis # 7**  (as interpreted from pre-registration)

Use of lesson plans and notes among teachers in treated schools is not different than among those in control group schools

**Mostly agree with this statement?**  [ ] Yes  [ ] No  **If not, please say why and add correct one:**

**Closest result to this pre-registered hypothesis** (as found in article, publication, or write-up)

$\hat{\beta}$ = -0.04, SE = 0.05, p-value: p > 0.1

Location: 2022 Paper, Page 9, Table 3, column 4

**Agree with result?**  [ ] Yes  [ ] No  **If not, please tell us why here:**

**Primary pre-registered heterogeneity**     Agree with below?  [ ] Yes  [ ] No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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**RCT Registry Results Report**

# Main Results <span style="color:blue">Found</span>

**Hypothesis #** 8          (as interpreted from pre-registration)

Promotion of skills-based learning outcomes among teachers in treated schools is not different than among those in control group schools

**Mostly agree with this statement?**          Yes          No          **If not, please say why and add correct one:**

**Closest <span style="color:orange">result</span> to this pre-registered hypothesis** (as found in article, publication, or write-up)

$\hat{\beta}$ = 0.03, SE = 0.03, p-value: p > 0.1

Location: 2022 Paper, Page 9, Table 3, column 7

**Agree with <span style="color:orange">result</span>?**          Yes          No          **If not, please tell us why here:**

**Primary pre-registered heterogeneity**          Agree with below?          Yes          No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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# Main Results Found

**Hypothesis #** 9          (as interpreted from pre-registration)

Adherence to student-centered teaching style among teachers in treated schools is not different than among those in control group schools

**Mostly agree with this statement?**          Yes          No          **If not, please say why and add correct one:**

**Closest result to this pre-registered hypothesis** (as found in article, publication, or write-up)

$\hat{\beta}$ = 0.16, SE = 0.15, p-value: p > 0.1

Location: 2022 Paper, Page 9, Table 3, column 6

**Agree with result?**          Yes          No          **If not, please tell us why here:**

**Primary pre-registered heterogeneity**          Agree with below?          Yes          No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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**Hypothesis #** 10    (as interpreted from pre-registration)

Use of active instructional techniques among teachers in treated schools is not different than among those in control group schools

**Mostly agree with this statement?**    ☐ Yes    ☐ No    **If not, please say why and add correct one:**

**Closest <span style="color:orange">result</span> to this pre-registered hypothesis** (as found in article, publication, or write-up)

$\hat{\beta}$ = 0.06, SE = 0.02, p-value: $p < 0.05$

Location: 2022 Paper, Page 9, Table 4, column 7

**Agree with <span style="color:orange">result</span>?**    ☐ Yes    ☐ No    **If not, please tell us why here:**

**Primary pre-registered heterogeneity**    Agree with below?    ☐ Yes    ☐ No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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# Main Results Found

**Hypothesis #** 11      (as interpreted from pre-registration)

Use of active instructional techniques (student reports) among teachers in treated schools is not different than among those in control group schools

**Mostly agree with this statement?**      Yes      No      **If not, please say why and add correct one:**

**Closest result to this pre-registered hypothesis** (as found in article, publication, or write-up)

$\hat{\beta}$ = 0.07, SE = 0.01, p-value: p < 0.01

Location: 2022 Paper, Page 9, Table 4, column 10

**Agree with result?**      Yes      No      **If not, please tell us why here:**

**Primary pre-registered heterogeneity**      Agree with below?      Yes      No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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**Hypothesis #** 12     (as interpreted from pre-registration)

Time spent in active instruction among teachers in treated schools is not different than among those in control group schools

**Mostly agree with this statement?**     Yes     No     **If not, please say why and add correct one:**

**Closest result to this pre-registered hypothesis** (as found in article, publication, or write-up)

$\hat{\beta}$ = 0.01, SE = 0.03, p-value: p > 0.1

Location: 2022 Paper, Page 9, Table 4, column 1

**Agree with result?**     Yes     No     **If not, please tell us why here:**

**Primary pre-registered heterogeneity**     Agree with below?     Yes     No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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# Main Results Found

**Hypothesis #** 13    (as interpreted from pre-registration)

Attendance at training and exchange visits among teachers in treated schools is not different than among those in control group schools

**Mostly agree with this statement?**    Yes    No    **If not, please say why and add correct one:**

**Closest result to this pre-registered hypothesis** (as found in article, publication, or write-up)

$\hat{\beta}$ = 0.85, SE = 0.03, p-value: p < 0.01

Location: 2021 Paper, Page 9, Table 3, column 1

**Agree with result?**    Yes    No    **If not, please tell us why here:**

**Primary pre-registered heterogeneity**    Agree with below?    Yes    No

*If you disagree with this interpretation of estimates and/or believe that some dimensions of primary pre-registered heterogeneity are missing, add or modify them below. We will keep track of your edits.*

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