ONLINE APPENDIX

The Impact of COVID-19 on Labor Markets and Living Standards in Mauritius

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This document contains the supplementary appendix for The Impact of COVID-19 on Labor Markets and Living Standards in Mauritius, ELRR 33(4) December 2022

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### Table A 6. Labor Market Status

| Employment                  | The employed population consists of Mauritians ages 16–64 who are not in full-time education and who have worked for pay, profit, or family gain for at least one hour during the reference week in a month. This includes individuals who are temporarily absent from work for reasons such as work time arrangements, the nature of the work, public holidays, annual leave, sick leave, and maternity or paternity leave. Individuals absent for other reasons, such as parental leave, educational leave, other personal leave, furlough, layoff, temporary disorganization or suspension of work, lack of clients, capital, or materials, strikes, government lockdowns, quarantine, and disaster, are classified as employed if one of the following two conditions hold:  
  - The total expected duration of the absence is three months or less  
  - The worker continues to receive full or partial remuneration paid by the employer |
| Unemployment                | The unemployed population comprises all Mauritians ages 16–64 who are not in full-time education and who were not employed, but were looking for work and were available for work during the reference week. |
| Inactivity                  | The inactive population includes persons who were neither employed nor unemployed during the reference week. This includes individuals who, during the reference week, were not employed because of the lockdown, did not have any job attachment, were not available for work, and were not looking for work. |

### Employment type

| Employer                    | An employer is a person who operates his or her own business or trade and hires one or more employees. |
| Own-account worker          | An own-account worker is a person who operates his or her own business or trade and does not hire employees. He or she may be working alone or with the help of contributing family workers. |
| Employee                    | An employee is a person who works for pay for someone else, even in a temporary capacity. |
| Apprentice                  | An apprentice is a person being trained for a job or trade. He or she may be paid or may receive pocket money; a paid apprentice is considered to be in employment. |
| Contributing family worker  | A contributing family worker is a person who works without pay in a market-oriented enterprise operated by a family member. |

**Source:** Statistics Mauritius and World Bank 2020.
Table A 7: The Determinants of Labor Force Participation

| Gender | 2020 | 2021 |
|--------|------|------|
| Male=1, Female=0 | 0.135*** | 0.126*** |
|          | -0.039 | -0.018 |

| Age Group | 25-44 | 45-64 | Divorced | Widowed | Separated | Single |
|-----------|-------|-------|----------|--------|----------|-------|
| 0.121*** | 0.123*** | 0.137*** | 0.166*** | 0.108*** | 0.127*** | 0.127*** |
| -0.017 | -0.024 | -0.0256 | -0.029 | -0.037 | -0.036 | -0.029 |
| -0.0128 | -0.0165 | -0.034 | 0.00135 | 0.0207 | -0.044 | -0.0155 |
| -0.0255 | -0.0248 | -0.0298 | 0.00394 | 0.0404 | -0.0423 | -0.0286 |

| Mental Status | 0.159*** | -0.0124 | 0.00724 | -0.184*** | -0.172 | -0.102 | -0.131*** |
|               | 0.08682 | 0.0275 | -0.176*** | -0.23 | -0.0351 | -0.0975*** | -0.129*** |

| Education | Primary | Lower Secondary | Upper Secondary | Relationship to HH Head | Spouse | Parents | Other relative (specify) | NH Size |
|-----------|---------|----------------|----------------|------------------------|--------|---------|------------------------|---------|
| 0.0265*** | 0.0479*** | 0.0333 | 0.0489*** | 0.0890*** | 0.0092 | 0.023 | 0.0403*** | 0.0315 | 0.0311 | 0.06045 |
| -0.0131 | -0.0164 | -0.02 | 0.00934 | 0.00812 | 0.0086 | 0.0135 | 0.0285 | 0.0121 | -0.0311 | -0.0208 |
| -0.0053 | -0.0083 | -0.0245 | 0.0025 | -0.0109 | 0.0376 | 0.0352 | 0.036 | 0.0351 | 0.0308 | -0.0423 |
| -0.0019 | -0.0024 | -0.0225 | 0.0093 | 0.0093 | 0.0109 | 0.0092 | 0.0119 | 0.0084 | 0.0091 | -0.0107 |
| 0.207*** | 0.126*** | 0.292*** | 0.243*** | 0.150*** | 0.305*** | 0.203*** | 0.212*** | 0.282*** | 0.217*** | 0.153*** |
| -0.0143 | -0.0171 | -0.0231 | -0.0194 | 0.0225 | -0.0321 | -0.0167 | -0.0201 | -0.0269 | -0.0232 | -0.0636 |

Note: Robust standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1. The point estimates are based on OLS regression including month and district fixed effects. The dependent variable in all model specifications is a respondent’s answer to the question whether they have been active in the labor force between the first half of 2020 and the second half of 2021.
| Gender                  | 2020  | May-Dec | May-Jul | Sep-Dec | 2021  |
|-------------------------|-------|---------|---------|---------|-------|
| Male/1, Female/1        | 0.0363 | 0.0589  | 0.0403  | 0.0425  | 0.0394 |
| -0.0137                 | -0.0153 | -0.0164 | -0.0127 | -0.0243 | -0.0339 |
| Age Group               |       |         |         |         |       |
| 25-64                   | 0.1848** | 0.134** | 0.2121**| 0.186** | 0.209**|
| -0.0284                 | -0.0284 | -0.0324 | -0.0315 | -0.0214 | -0.0124|
| 65-84                   | 0.189**  | 0.134**  | 0.2121**| 0.186**  | 0.209**|
| -0.0196                 | -0.0256 | -0.0349 | -0.0304 | -0.0406 | -0.0327|
| Marital Status          |       |         |         |         |       |
| Married                  | -0.0114  | -0.0297  | -0.00253 | -0.034 | -0.115**|
| -0.0261                 | -0.0736 | -0.0237 | -0.00838 | -0.0371 | -0.0097|
| Divorced                | 0.0672  | 0.00447 | 0.0464  | 0.00568 | 0.0897**|
| -0.0244                 | -0.0454 | -0.0193 | -0.0155 | -0.0413 | -0.029|
| Separated               | 0.0309  | -0.0077 | -0.00946 | -0.0485 | -0.184**|
| -0.0223                 | -0.0307 | -0.0438 | -0.034 | -0.0556 | -0.0266|
| Single                  | 0.0136  | 0.0167  | 0.0478  | 0.0176  | 0.0392|
| -0.0156                 | -0.0167 | -0.0392 | -0.0184 | -0.0359 | -0.0241|
| Education               |       |         |         |         |       |
| Primary                 | 0.0141  | 0.0249  | 0.00162 | -0.00498 | -0.0481**|
| -0.0122                 | -0.0156 | -0.0193 | -0.0103 | -0.0257 | -0.014|
| Lower Secondary         | 0.0267** | 0.0389** | 0.0203** | 0.0285** | 0.0976**|
| -0.0137                 | -0.0168 | -0.0229 | -0.0146 | -0.0157 | -0.028|
| Post Secondary          | 0.0727** | 0.0724** | 0.066** | 0.0282 | 0.0122|
| -0.0151                 | -0.0201 | -0.0229 | -0.0194 | -0.0325 | -0.0175|
| Relationship to NH Head |       |         |         |         |       |
| Spouse                  | 0.0329  | 0.0333  | 0.0312  | 0.0316  | 0.0264**|
| -0.0128                 | -0.0281 | -0.0328 | -0.0168 | -0.00847 | -0.0228|
| Children                | 0.0443** | 0.0513** | 0.0227** | 0.0264** | 0.0264**|
| -0.0309                 | -0.0352 | -0.0493 | -0.0035 | -0.0483 | -0.0286|
| Children in law         | 0.0613  | 0.0761  | 0.0954  | 0.0616  | 0.1052|
| -0.0399                 | -0.0347 | -0.0496 | 0.0367  | -0.0361 | -0.0276|
| Grandchildren           | 0.159**  | -0.168**  | -0.194** | -0.144 | -0.279**|
| -0.0613                 | -0.0761 | -0.0954 | -0.0616 | -0.1052 | -0.106|
| Parents                 | 0.0947** | 0.333**  | 0.6063** | 0.3771** | 0.07064**|
| -0.0398                 | -0.034 -0.0208 | -0.0189 | -0.0152 | -0.0234 | -0.0523|
| Parents in law          | 0.0626** | 0.0729** | 0.0816** | 0.0771** | 0.0618**|
| -0.0153                 | -0.0353 | -0.013 | -0.0333 | -0.0168 | -0.0323|
| Other relative (spouse) | 0.0495  | 0.0241** | 0.0307** | 0.0272** | 0.0286**|
| -0.0384                 | -0.0481 | 0.0363 | -0.0239 | -0.027 | -0.0453|
| Non-relative            | 0.0134  | 0.0134  | 0.0136** | 0.0131** | 0.0131**|
| -0.31                   | -0.275 -0.0563 | -0.0363 | -0.1564 | -0.0166 | -0.0151|
| NH Size                 |       |         |         |         |       |
| Householdsize           | 0.0047  | 0.0024  | 0.00743 | -0.00667 | -0.00198|
| -0.0001                 | -0.0067 | -0.00196 | -0.0024 | 0.000986 | 0.000653|
| Constant                | 0.732**  | 0.800**  | 0.665**  | 0.795**  | 0.425**|
| -0.0209                 | -0.0732 | 0.0352 | 0.0386 | -0.0403 | -0.0553|

Note: Robust standard errors in parentheses. **p<0.01, *p<0.05, *p<0.1. The point estimates are based on OLS regression including month and district fixed effects. The dependent variable in all model specifications is a respondent’s answer to the question whether they have been employed between the first quarter of 2020 and 2021.
Table A 9: Correlates of Displacement

| VARIABLES | Sep 2020 – Q1 2021 | Sep-Dec 2020 | Q1 2021 |
|-----------|---------------------|--------------|---------|
|           | All | Men | Women | All | Men | Women | All | Men | Women |
| Gender    |     |     |       |     |     |       |     |     |       |
| Male=1, Female=0 | -0.00838 | -0.111*** | -0.00816 |
| Age Group |     |     |       |     |     |       |     |     |       |
| 25-44     | -0.0476*** | -0.0484* | -0.0482* | -0.0222 | -0.0887* | -0.0887* | -0.169*** | -0.174*** | -0.168** |
|            | -0.0183 | -0.0261 | -0.0266 | -0.0254 | -0.0466 | -0.0533 | -0.0793* | -0.0793* | -0.0695 |
| 45-64     | -0.0358* | -0.0351 | -0.0401 | 0.110*** | -0.0633 | -0.0672 | -0.129*** | -0.125 | -0.144** |
|            | -0.0213 | -0.0302 | -0.0187 | -0.0153 | -0.051 | -0.0602 | -0.0911 | -0.0768 |
| Marital Status |     |     |       |     |     |       |     |     |       |
| Widowed   | 0.0151 | -0.0279 | 0.0115 | 0.00431 | 0.012 | -0.0151 | 0.0687 | 0.00877 | 0.00204 |
| Divorced  | 0.00168 | -0.0247 | -0.0198 | -0.0102 | -0.000104 | -0.0285 | 0.0397 | 0.0091 | 0.00278 |
| Separated | 0.00682 | 0.00554 | -0.00866 | -0.0146 | 0.0161 | -0.0274 | 0.066 | 0.0443 | -0.00198 |
| Single    | -0.00162 | -0.00852 | -0.01231 | 0.0223 | 0.0028 | -0.0791 | 0.0239 | 0.0443 | -0.00972 |
|            | -0.0128 | -0.0143 | -0.0179 | -0.0289 | -0.0256 | -0.064 | -0.0412 | -0.0428 | -0.0122 |
| Education |     |     |       |     |     |       |     |     |       |
| Primary   | -0.0036 | -0.0129 | 0.0123 | 0.00298 | -0.0216 | 0.026 | -0.00831 | -0.0371 | 0.0156 |
| Lower Secondary | -0.00912 | -0.0206 | 0.00165 | 0.00207 | -0.0289 | -0.031 | -0.0134 | -0.0154 |
| Upper Secondary | -0.0227*** | -0.0269*** | -0.0188 | -0.0471* | -0.0492*** | -0.0356 | -0.0693** | -0.0814*** | -0.0617 |
| Post Secondary | -0.00867 | -0.0104 | -0.0157 | -0.0261 | -0.0199 | -0.0295 | -0.0333 | -0.0405 | -0.0568 |
| Relationship to HH Head |     |     |       |     |     |       |     |     |       |
| Spouse    | 0.0194* | 0.0536 | 0.0117 | 0.0103*** | 0.121 | 6.97E-05 | 0.0843* | 0.129 | 0.0903 |
| Children  | -0.011 | -0.0528 | -0.0291 | -0.0303 | -0.117 | -0.0448 | -0.036 | -0.188 | -0.0981 |
| Children in law | 0.0145 | 0.00703 | 0.0348 | 0.0408 | 0.06632 | 0.0516 | 0.0154 | 0.00743 | 0.0292 |
| Grandchildren | 0.0113 | -0.0123 | -0.0282 | -0.0328 | -0.0246 | -0.049 | -0.0408 | -0.0465 | -0.0828 |
| Parents   | 0.00367 | -0.0179 | 0.0466 | 0.196*** | -0.0284 | 0.081 | -0.00258 | -0.038 | -0.147 |
| Other relative (specify) | -0.0292 | -0.0317 | -0.0667 | -0.0846 | -0.0555 | -0.013 | -0.0973 | -0.0987 | -0.189 |
| Economic Sector |     |     |       |     |     |       |     |     |       |
| Secondary Sector | 0.0112 | -0.115*** | 0.133* | 0.394*** | -0.167*** | -0.237*** | 0.305** | -0.178*** | 0.359** |
| Tertiary Sector | 0.00953 | 0.104 | 0.07058 | -0.0502 | 0.0512 | -0.0457 | 0.0518 | -0.0516 | -0.0694 |
| Employment Type |     |     |       |     |     |       |     |     |       |
| OWN account worker | -0.029 | -0.0247 | -0.0532*** | 0.0411 | -0.0361 | -0.0386 | -0.0983 | -0.008 | -0.056 |
| Employee   | -0.0207 | -0.0306 | -0.0231 | -0.0365 | -0.0572 | -0.0359 | -0.0819 | -0.093 | -0.0741 |
| Apprentice/Intern | 0.0183 | 0.0646 | 0.032 | 0.217*** | 0.0221 | 0.114** | 0.059 | 0.029 | 0.224*** |
| Unpaid family worker | -0.002 | -0.0305 | -0.0214 | -0.0338 | -0.052 | -0.0342 | -0.0814 | -0.0926 | -0.0731 |
| Other      | -0.036 | 0.0387 | -0.0508 | -0.0411 | -0.0633 | -0.097 | -0.112 |
| HH Size    |     |     |       |     |     |       |     |     |       |
| Household size | -0.0018 | -0.00162 | -0.0254 | -0.0155* | -0.00183 | -0.00855 | -0.0031 | -0.0034 | -0.0057 |
| Constant   | 0.248*** | 0.225*** | 0.291*** | 0.146*** | 0.242*** | 0.286*** | 0.277*** | 0.305*** |

Note: Robust standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1. The point estimates are based on OLS regression including month and district fixed effects. The dependent variable in all model specifications is a respondent’s answer to the question whether they have lost their employment due to business closures between September 2020 and the first quarter of 2021.
| Table A 10: Correlates of Household Income Loss |
|-----------------------------------------------|
| **HH/Head Characteristics**                   |
| HH Head, female                               |
| -0.0830*** -0.0601 -0.0884** -0.0824*** -0.0601 -0.0577** |
| -0.0288 -0.043 -0.0468 -0.0288 -0.043 -0.0499 |
| Education                                     |
| Primary                                       |
| 0.0091 0.0585 0.0719 0.00829 -0.0385 0.0761 |
| Lower Secondary                               |
| -0.0401 -0.0617 -0.0686 -0.0401 -0.0617 -0.0686 |
| Upper Secondary                               |
| -0.0416 -0.131* -0.0128 -0.038 -0.131* -0.0122 |
| Post Secondary                                |
| -0.0056 -0.0765 -0.0861 -0.0504 -0.0765 -0.0861 |
| Unemployed                                    |
| 0.0066 0.106 -0.107 -0.068 0.106 -0.107 |
| Inactive                                      |
| -0.0588 -0.231*** -0.0511 -0.0834 -0.231*** -0.0511 |
| Employment                                    |
| 0.111 0.0175 0.00612 0.11 0.0175 0.00612 |
| Age                                           |
| 0.0044** -0.0206 -0.0239 -0.0145 -0.0206 -0.0239 |
| Education Age 16 - 64, share                  |
| -0.057 -0.230** 0.0658 -0.0566 -0.230** 0.0662 |
| Age 65+, share                                |
| -0.189* -0.194 -0.0732 -0.195* -0.194 -0.0751 |
| Tertiary                                     |
| 0.25 0.125 0.198 0.143 0.25 0.125 |
| Employment                                    |
| Share Employed                                |
| 0.0577 -0.126 0.141 0.0618 -0.126 0.141 |
| Number Employed                               |
| -0.0795 -0.103 -0.119 -0.073 -0.103 -0.119 |
| Displacement, Share                           |
| 0.154** -0.0941 0.00406 -0.0838 -0.0941 0.00406 |
| Informal Sector, Share                        |
| 0.131*** -0.0941 0.00406 -0.0838 -0.0941 0.00406 |
| Age/fish                                      |
| -0.125*** -0.175 -0.126 -0.154** -0.173 -0.126 |
| Other secondary                              |
| -0.0704 -0.11 -0.112 -0.0703 -0.11 -0.112 |
| Manufact                                      |
| 0.0891 -0.119 -0.1071 -0.0914 -0.119 -0.0914 |
| Construction                                  |
| 0.0187 -0.0273 0.00886 0.0199 -0.0273 -0.00886 |
| Other trade/repair                            |
| 0.0674 -0.0784 -0.102 -0.0677 -0.0784 -0.102 |
| Transp/loc/Info/comm                          |
| 0.112* -0.157 -0.0998 -0.113* -0.157 -0.0998 |
| Fin/ins/RealEst                               |
| -0.063 -0.0975 -0.103 -0.062 -0.0975 -0.103 |
| Prof/ScolTech/Adm/Inp/Support serv act        |
| -0.129*** -0.161 -0.253 -0.183** -0.161 -0.253 |
| PA/Def/SocSec/Ed/Hlth/Soc/Wrk                 |
| 0.112*** -0.390*** -0.288*** -0.324*** -0.396*** -0.282*** |
| Other services                                |
| 0.0512 -0.0605 -0.0863 -0.0513 -0.0863 -0.0513 |
| Missing                                       |
| -0.359 -0.431 -0.351 -0.431 -0.351 -0.431 |
| Constant                                      |
| 0.422*** 0.784*** 0.181 0.435*** 0.843*** 0.343 |
| Observations                                  |
| 2,817 1,220 1,032 2,817 1,220 1,032 |
| R squared                                     |
| 0.115 0.119 0.14 0.114 0.119 0.14 |
| District FE                                   |
| YES YES YES YES YES YES |
| Time trend                                    |
| NO NO NO YES YES YES |
| March FE                                      |
| YES YES YES NO NO NO |