Technological acceptance of Moodle from the perspective of higher education faculty in Ecuador: a nationwide study based on the UTAUT2 model

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4/12/2021

Raw data

##

ethnic

Doctorado

Afroecuatoriano: 13

The used raw data can be found in the file $raw_data.csv$.

```
summary(raw_data)
##
         part date
                                      part_dec
                                                                  teach mod
##
   2020-11-11: 56
                     Sí, deseo participar.:409
                                                  Ambas
                                                                       :111
   2020-11-23: 47
                                                  Presencial
                                                                       :158
##
   2020-11-04: 38
                                                  Virtual (a distancia):140
   2020-11-10: 31
##
   2020-10-30: 23
   2020-12-07: 22
##
   (Other)
              :192
                                                hei
  Universidad Central Del Ecuador
                                                  : 37
##
## Universidad De Guayaquil
## Pontificia Universidad Católica Del Ecuador
                                                 : 32
  Universidad De Las Américas
                                                  : 21
  Universidad UTE
   Universidad Católica De Santiago De Guayaquil: 18
##
   (Other)
                                                  :248
##
                                              know area
                                                              gender
  CIENCIAS DE LA EDUCACIÓN
##
                                                    : 62
                                                           Female:160
  ECONOMÍA Y NEGOCIOS
                                                    : 49
                                                           Male :249
## COMPUTACIÓN Y CIENCIAS DE LA INFORMACIÓN
  INGENIERÍA ELÉCTRICA, ELECTRÓNICA E INFORMÁTICA: 30
  OTRAS INGENIERÍAS Y TECNOLOGÍAS
##
  CIENCIAS DE LA SALUD
                                                    : 22
##
   (Other)
                                                    :188
##
                                     mar_status
                                                  comp_home internet
                age_group
   18 años a 24 años: 18
                            Casado(a)
                                           :230
                                                  No: 5
                                                            No: 3
   25 años a 34 años: 44
                                                  Sí:404
                                                            Sí:406
##
                            Divorciado(a): 49
   35 años a 44 años:135
                            Soltero(a)
   45 años a 54 años:139
                            Unión de hecho: 31
   Más de 54
                     : 73
                            Viudo(a)
                                          : 5
##
##
```

educ

: 85

```
Blanco
                   : 37
                          Maestría
                                                       :294
##
   Indígena
                          Tercer Nivel (universitario): 30
                   : 6
##
   Mestizo
                   :353
##
##
##
##
                                             family_size
               income home
                               children
                                                                         prev_exp
                                            Min. : 1.000
##
   Entre 1500 y 5000:285
                            Min.
                                   :0.000
                                                              Alta
                                                                             : 72
##
   Mayor a 5000
                     : 9
                            1st Qu.:1.000
                                            1st Qu.: 3.000
                                                              Baja
                                                                             :101
##
   Menor a 1500
                     :115
                            Median :2.000
                                            Median : 4.000
                                                              Muy alta
                                                                             : 11
##
                            Mean
                                  :1.704
                                            Mean
                                                  : 3.773
                                                              Ni alta ni baja:127
##
                            3rd Qu.:3.000
                                            3rd Qu.: 5.000
                                                              Nula
                                                                             : 98
##
                                   :7.000
                            Max.
                                            Max.
                                                    :10.000
##
##
                                         pe3
         pe1
                         pe2
                                                          ee1
##
   Min.
          :1.000
                    Min.
                           :1.000
                                    Min.
                                           :1.000
                                                     Min.
                                                            :1.000
    1st Qu.:4.000
                    1st Qu.:4.000
                                    1st Qu.:4.000
                                                     1st Qu.:4.000
##
##
   Median :5.000
                    Median :5.000
                                    Median :5.000
                                                     Median :5.000
   Mean :4.499
                    Mean :4.323
                                                     Mean :4.399
##
                                    Mean :4.215
##
   3rd Qu.:5.000
                    3rd Qu.:5.000
                                    3rd Qu.:5.000
                                                     3rd Qu.:5.000
                           :5.000
##
   Max. :5.000
                    Max.
                                    Max. :5.000
                                                     Max.
                                                           :5.000
##
##
         ee2
                         ee3
                                         ee4
                                                         si1
                                                                         si2
   Min. :1.000
                                                           :1.000
                                                                           :1.000
##
                    Min.
                           :1.000
                                    Min.
                                           :1.00
                                                   Min.
                                                                    Min.
##
   1st Qu.:4.000
                    1st Qu.:4.000
                                    1st Qu.:4.00
                                                    1st Qu.:3.000
                                                                    1st Qu.:3.000
                                                    Median :4.000
   Median :5.000
                    Median :5.000
                                    Median:5.00
                                                                    Median :4.000
##
   Mean :4.416
                    Mean :4.325
                                    Mean :4.33
                                                    Mean
                                                         :3.804
                                                                    Mean :3.653
   3rd Qu.:5.000
                    3rd Qu.:5.000
                                    3rd Qu.:5.00
                                                    3rd Qu.:5.000
                                                                    3rd Qu.:5.000
##
          :5.000
                           :5.000
##
   Max.
                    Max.
                                    Max. :5.00
                                                    Max.
                                                           :5.000
                                                                    Max.
                                                                           :5.000
##
##
         si3
                         fc1
                                         fc2
                                                         fc3
                                                                         fc4
##
   Min.
           :1.000
                    Min.
                           :1.000
                                    Min.
                                            :1.00
                                                    Min.
                                                           :1.000
                                                                    Min.
                                                                           :1.000
##
    1st Qu.:3.000
                    1st Qu.:4.000
                                    1st Qu.:4.00
                                                    1st Qu.:4.000
                                                                    1st Qu.:3.000
   Median :4.000
                    Median :5.000
                                    Median:5.00
                                                    Median :4.000
                                                                    Median :4.000
##
##
   Mean :3.773
                    Mean :4.577
                                    Mean :4.34
                                                    Mean :4.188
                                                                    Mean :3.907
##
   3rd Qu.:5.000
                    3rd Qu.:5.000
                                    3rd Qu.:5.00
                                                    3rd Qu.:5.000
                                                                    3rd Qu.:5.000
##
   Max. :5.000
                    Max.
                           :5.000
                                    Max.
                                           :5.00
                                                    Max.
                                                           :5.000
                                                                    Max.
                                                                           :5.000
##
##
         hm1
                         hm2
                                         hm3
                                                         ht1
                                           :1.000
##
          :1.000
                           :1.000
                                                           :1.000
   Min.
                    Min.
                                    Min.
                                                     Min.
                    1st Qu.:3.000
   1st Qu.:3.000
                                    1st Qu.:3.000
                                                     1st Qu.:3.000
   Median :4.000
##
                    Median :4.000
                                    Median :4.000
                                                     Median :5.000
   Mean :3.914
                    Mean
                           :3.941
                                    Mean :3.888
                                                     Mean :4.098
##
   3rd Qu.:5.000
                    3rd Qu.:5.000
                                    3rd Qu.:5.000
                                                     3rd Qu.:5.000
                                           :5.000
   Max.
           :5.000
                           :5.000
                    Max.
                                    Max.
                                                     Max.
                                                            :5.000
##
##
         ht2
                         ht3
                                         lv1
                                                          lv2
           :1.000
                                           :1.000
                                                            :1.000
##
   Min.
                    Min.
                           :1.000
                                    Min.
                                                     Min.
   1st Qu.:3.000
                    1st Qu.:3.000
                                    1st Qu.:3.000
                                                     1st Qu.:3.000
##
   Median :3.000
                    Median :4.000
                                    Median :4.000
                                                     Median :4.000
##
   Mean
          :3.347
                           :3.572
                                           :3.775
                    Mean
                                    Mean
                                                     Mean
                                                           :4.117
##
   3rd Qu.:4.000
                    3rd Qu.:5.000
                                    3rd Qu.:5.000
                                                     3rd Qu.:5.000
##
   Max.
           :5.000
                    Max.
                           :5.000
                                    Max.
                                           :5.000
                                                     Max.
                                                            :5.000
```

##

```
##
          1v3
                           ti1
                                             ti2
                                                               ti3
                              :1.000
                                       {\tt Min.}
                                                :1.000
                                                                  :1.000
##
    Min.
            :1.000
                      Min.
                                                         Min.
                                                          1st Qu.:3.000
##
    1st Qu.:4.000
                      1st Qu.:4.000
                                        1st Qu.:3.000
    Median :5.000
                      Median :5.000
                                       Median :4.000
                                                         Median :4.000
##
                                                :3.469
##
    Mean
            :4.242
                      Mean
                              :4.225
                                       Mean
                                                         Mean
                                                                  :4.056
    3rd Qu.:5.000
##
                      3rd Qu.:5.000
                                        3rd Qu.:5.000
                                                         3rd Qu.:5.000
            :5.000
##
    Max.
                      Max.
                              :5.000
                                       Max.
                                                :5.000
                                                         Max.
                                                                  :5.000
##
##
          as1
                           as2
                                             as3
                                                               bi1
                                                :1.000
##
    Min.
            :1.000
                      Min.
                              :1.000
                                       Min.
                                                         Min.
                                                                  :1.000
##
    1st Qu.:3.000
                      1st Qu.:4.000
                                        1st Qu.:4.000
                                                          1st Qu.:4.000
    Median :4.000
                      Median :4.000
                                        Median :5.000
                                                         Median :5.000
##
                                                :4.306
##
    Mean
            :3.826
                              :4.132
                                                                  :4.469
                      Mean
                                        Mean
                                                         Mean
                                                          3rd Qu.:5.000
##
    3rd Qu.:5.000
                      3rd Qu.:5.000
                                        3rd Qu.:5.000
            :5.000
                              :5.000
                                                                  :5.000
##
    Max.
                      Max.
                                        Max.
                                                :5.000
                                                         Max.
##
##
          bi2
                           bi3
##
    Min.
            :1.000
                      Min.
                              :1.000
    1st Qu.:4.000
##
                      1st Qu.:4.000
##
    Median :5.000
                      Median :5.000
##
    Mean
            :4.384
                      Mean
                              :4.433
##
    3rd Qu.:5.000
                      3rd Qu.:5.000
            :5.000
                              :5.000
##
    Max.
                      Max.
```

RQ1) What is the level of acceptance of Moodle by Ecuadorian higher education professors?

Behaviour Intention to Use 60% 200 Item b1: I plan to continue using Moodle. Count b2: For my daily work, I would use Moodle. h3: I will continue 24% 100 to use Moodle frequently 5 3 4 Score

RQ2) What are the determinants of Moodle's acceptance by Ecuadorian higher education professors? You can also embed plots, for example:

library(lavaan)

This is lavaan 0.6-8
lavaan is FREE software! Please report any bugs.

```
model_sem <- '
performance.expectancy =~ pe1 + pe2 + pe3
effort.expectancy =~ ee1 + ee2 + ee3 + ee4
social.influence =~ si1 + si2 + si3
facilitating.conditions =  fc1 + fc2 + fc3 + fc4 
hedonic.motivation = \sim hm1 + hm2 + hm3
habit = -ht1 + ht2 + ht3
learning.value =~ lv1 + lv2 + lv3
technology.innovativeness =~ ti1 + ti2 + ti3
attitude.strength =~ as1 + as2 + as3
behavior.intention =~ bi1 + bi2 + bi3
performance.expectancy ~ attitude.strength
effort.expectancy ~ attitude.strength
social.influence ~ attitude.strength
facilitating.conditions ~ attitude.strength
hedonic.motivation ~ attitude.strength
habit ~ attitude.strength
learning.value ~ attitude.strength
technology.innovativeness ~ attitude.strength
behavior.intention ~ performance.expectancy + effort.expectancy + social.influence + facilitating.condi
model_fit <- lavaan::sem(</pre>
 model = model sem,
 data = raw_data,
 estimator = "WLSMV",
  ordered = names(raw_data)
standardizedSolution(model_fit)
##
                             lhs
                                 op
                                                           rhs est.std
## 1
          performance.expectancy
                                                           pe1
                                                                 0.915 0.018
## 2
          performance.expectancy
                                                                 0.927 0.012
                                                           pe2
## 3
          performance.expectancy
                                                                 0.937 0.015
                                                           pe3
## 4
               effort.expectancy
                                                           ee1
                                                                 0.870 0.021
## 5
               effort.expectancy
                                                                 0.941 0.013
                                                           ee2
## 6
               effort.expectancy
                                                           ee3
                                                                 0.904 0.014
## 7
               effort.expectancy
                                                                 0.920 0.013
                                                           ee4
## 8
                                                                 0.922 0.011
               social.influence =~
                                                           si1
## 9
                social.influence =~
                                                           si2
                                                                 0.961 0.008
## 10
                social.influence
                                                           si3
                                                                 0.968 0.007
## 11
                                                           fc1
                                                                 0.749 0.034
         facilitating.conditions =~
## 12
         facilitating.conditions
                                                           fc2
                                                                0.828 0.025
                                                                0.832 0.022
## 13
         facilitating.conditions
                                                           fc3
## 14
         facilitating.conditions
                                                           fc4
                                                                 0.644 0.037
## 15
              hedonic.motivation =~
                                                           hm1
                                                                 0.944 0.008
## 16
              hedonic.motivation =~
                                                                 0.982 0.005
                                                           hm2
## 17
              hedonic.motivation =~
                                                                 0.966 0.006
                                                           hm3
## 18
                           habit =~
                                                           ht1
                                                                 0.935 0.016
## 19
                                                                 0.779 0.024
                           habit =~
                                                           ht2
```

```
## 20
                             habit
                                                               ht3
                                                                     0.861 0.018
                   learning.value
## 21
                                                               7 v 1
                                                                     0.760 0.028
## 22
                   learning.value
                                                               lv2
                                                                     0.918 0.013
## 23
                   learning.value
                                                               lv3
                                                                     0.943 0.010
##
   24
       technology.innovativeness
                                                               ti1
                                                                     0.920 0.016
   25
       technology.innovativeness
                                                               ti2
                                                                     0.783 0.024
##
       technology.innovativeness
  26
                                                                     0.886 0.016
                                                               ti3
## 27
                attitude.strength
                                                               as1
                                                                     0.830 0.020
##
   28
                attitude.strength
                                                               as2
                                                                     0.862 0.017
##
  29
                attitude.strength
                                                               as3
                                                                     0.872 0.017
   30
               behavior.intention
                                                               bi1
                                                                     0.927 0.020
## 31
               behavior.intention
                                                               bi2
                                                                     0.964 0.012
   32
##
               behavior.intention
                                                               bi3
                                                                     0.956 0.012
## 33
                                                                     0.874 0.018
          performance.expectancy
                                                attitude.strength
## 34
                effort.expectancy
                                                                     0.918 0.012
                                                attitude.strength
## 35
                 social.influence
                                                attitude.strength
                                                                     0.783 0.022
## 36
                                                                     0.918 0.016
         facilitating.conditions
                                                attitude.strength
## 37
               hedonic.motivation
                                                attitude.strength
                                                                     0.883 0.013
## 38
                                                                     0.903 0.014
                             habit
                                                attitude.strength
## 39
                   learning.value
                                                attitude.strength
                                                                     0.934 0.012
##
  40
       technology.innovativeness
                                                attitude.strength
                                                                     0.914 0.012
## 41
               behavior.intention
                                          performance.expectancy
                                                                    -0.061 0.105
## 42
               behavior.intention
                                                effort.expectancy
                                                                     0.202 0.130
## 43
               behavior.intention
                                                 social.influence
                                                                    -0.0440.077
## 44
               behavior.intention
                                         facilitating.conditions
                                                                    -0.067 0.142
## 45
               behavior.intention
                                              hedonic.motivation
                                                                     0.318 0.095
## 46
               behavior.intention
                                                             habit
                                                                     0.242 0.109
   47
               behavior.intention
                                                   learning.value
##
                                                                     0.123 0.131
## 48
               behavior.intention
                                       technology.innovativeness
                                                                     0.032 0.130
## 49
                                                                    -2.014 0.138
                               pe1
## 50
                               pe1
                                                                t2
                                                                    -1.761 0.113
## 51
                              pe1
                                                                t3
                                                                    -1.117 0.078
## 52
                              pe1
                                                                t4
                                                                    -0.501 0.065
## 53
                                                                    -2.063 0.144
                              pe2
                                                                t1
## 54
                              pe2
                                                                    -1.680 0.107
                                                                t3
## 55
                                                                    -0.893 0.072
                              pe2
## 56
                              pe2
                                                                    -0.188 0.062
## 57
                              pe3
                                                                t1
                                                                    -2.117 0.151
## 58
                              pe3
                                                                t2
                                                                    -1.566 0.099
                                                                t3
## 59
                                                                    -0.692 0.068
                              pe3
## 60
                                                                    -0.089 0.062
                              pe3
## 61
                                                                t1
                                                                    -2.335 0.186
                               ee1
                                                                    -1.761 0.113
## 62
                               ee1
## 63
                                                                    -1.061 0.077
                                                                t3
                               ee1
## 64
                                                                    -0.232 0.063
                               ee1
## 65
                                                                    -2.335 0.186
                               ee2
                                                                t1
## 66
                               ee2
                                                                t2
                                                                    -1.680 0.107
## 67
                               ee2
                                                                t3
                                                                    -1.164 0.080
## 68
                               ee2
                                                                t.4
                                                                    -0.238 0.063
## 69
                               ee3
                                                                    -2.440 0.208
                                                                t2
## 70
                                                                    -1.822 0.119
                               ee3
## 71
                               ee3
                                                                t3
                                                                    -0.979 0.074
## 72
                               ee3
                                                                t.4
                                                                    -0.077 0.062
                               ee4
## 73
                                                                    -2.335 0.186
```

##	74	ee4	t2	-1.791 0.116
##	75	ee4	t3	-0.950 0.073
##	76	ee4	t4	-0.120 0.062
##	77	si1	t1	-1.353 0.088
##	78	si1	t2	-1.094 0.078
##	79	si1	t3	-0.283 0.063
##	80	si1	t4	0.207 0.063
##	81	si2	t1	-1.240 0.083
##	82	si2	t2	-0.884 0.072
##	83	si2	t3	-0.207 0.063
##	84	si2	t4	0.340 0.063
##	85	si3	t1	-1.384 0.089
##	86	si3	t2	-1.019 0.075
##	87	si3	t3	-0.289 0.063
##	88	si3	t4	0.263 0.063
##	89	fc1	t1	-2.584 0.244
##	90	fc1	t2	-1.929 0.129
##	91	fc1	t3	-1.280 0.085
##	92	fc1	t4	-0.551 0.066
##	93	fc2	t1	-2.335 0.186
##	94	fc2	t2	-1.855 0.122
##	95	fc2	t3	-0.989 0.074
##	96	fc2	t4	-0.107 0.062
##	97	fc3	t1	-2.440 0.208
##	98	fc3	t2	-1.680 0.107
##	99	fc3	t3	-0.715 0.068
##	100	fc3	t4	0.052 0.062
##	101	fc4	t1	-1.353 0.088
##	102	fc4	t2	-0.969 0.074
##	103	fc4	t3	-0.481 0.065
##	104	fc4	t4	0.058 0.062
##	105	hm1	t1	-1.706 0.109
##	106	hm1	t2	-1.253 0.083
##	107	hm1	t3	-0.481 0.065
##	108	hm1	t4	0.308 0.063
##	109	hm2	t1	-1.791 0.116
##	110	hm2	t2	-1.294 0.085
##	111	hm2	t3	-0.467 0.065
##	112	hm2	t4	0.263 0.063
##	113	hm3	t1	-1.706 0.109
##	114	hm3	t2	-1.213 0.082
##	115	hm3	t3	-0.413 0.064
##	116	hm3	t4	0.295 0.063
##	117	ht1	t1	-1.656 0.105
##	118	ht1	t2	-1.308 0.086
##	119	ht1	t3	-0.646 0.067
##	120	ht1	t4	-0.003 0.062
##	121	ht2	t1	-1.176 0.080
##	122	ht2	t2	-0.692 0.068
	123	ht2	t3	0.040 0.062
	124	ht2	t4	0.747 0.069
	125	ht3	t1	-1.266 0.084
##	126	ht3	t2	-0.857 0.071
##	127	ht3	t3	-0.169 0.062

	128	ht3	t4	0.515 0.065
	129	lv1	t1	-1.706 0.109
##	130	lv1	t2	-1.083 0.077
##	131	lv1	t3	-0.270 0.063
##	132	lv1	t4	0.380 0.064
##	133	lv2	t1	-1.791 0.116
##	134	lv2	t2	-1.451 0.093
##	135	lv2	t3	-0.631 0.067
##	136	lv2	t4	0.021 0.062
##	137	lv3	t1	-1.822 0.119
##	138	lv3	t2	-1.566 0.099
##	139	lv3	t3	-0.831 0.071
##	140	lv3	t4	-0.095 0.062
##	141	ti1	t1	-1.855 0.122
##	142	ti1	t2	-1.487 0.095
##	143	ti1	t3	-0.866 0.071
##	144	ti1	t4	-0.046 0.062
##	145	ti2	t1	-1.338 0.087
##	146	ti2	t2	-0.764 0.069
##	147	ti2	t3	-0.034 0.062
##	148	ti2	t4	0.616 0.067
##	149	ti3	t1	-1.822 0.119
##	150	ti3	t2	-1.338 0.087
##	151	ti3	t3	-0.594 0.066
##	152	ti3	t4	0.107 0.062
##	153	as1	t1	-1.891 0.125
##	154	as1	t2	-1.369 0.089
##	155	as1	t3	-0.334 0.063
##	156	as1	t4	0.494 0.065
##	157	as2	t1	-1.891 0.125
##	158	as2	t2	-1.417 0.091
##	159	as2	t3	-0.715 0.068
##	160	as2	t4	0.058 0.062
##	161	as3	t1	-2.179 0.160
##	162	as3	t2	-1.733 0.111
##	163	as3	t3	-0.931 0.073
##	164	as3	t4	-0.095 0.062
##	165	bi1	t1	-2.063 0.144
##	166	bi1	t2	-1.791 0.116
	167	bi1	t3	-1.164 0.080
##	168	bi1	t4	-0.380 0.064
##	169	bi2	t1	-2.179 0.160
##	170	bi2	t2	-1.733 0.111
##	171	bi2	t3	-0.999 0.075
##	172	bi2	t4	-0.251 0.063
##	173	bi3	t1	-2.250 0.171
##	174	bi3	t2	-1.656 0.105
##	175	bi3	t3	-1.105 0.078
##	176	bi3	t4	-0.328 0.063
##	177	pe1 ~~	pe1	0.162 0.034
##	178	pe2 ~~	pe2	0.141 0.022
##	179	pe3 ~~	pe3	0.122 0.028
##	180	ee1 ~~	ee1	0.243 0.036
##	181	ee2 ~~	ee2	0.115 0.025

##	182	ee3	~~	ee3	0.184 0.026
##	183	ee4	~~	ee3	0.154 0.023
##	184	si1	~~	si1	0.151 0.020
##	185	si2	~~	si2	0.076 0.016
##	186	si3	~~	si3	0.062 0.014
			~~		0.439 0.050
##	187	fc1		fc1	
##	188	fc2	~~	fc2	0.315 0.041
##	189	fc3	~~	fc3	0.307 0.037
##	190	fc4	~~	fc4	0.585 0.047
##	191	hm1	~ ~	hm1	0.108 0.016
##	192	hm2	~~	hm2	0.036 0.010
##	193	hm3	~~	hm3	0.066 0.012
##	194	ht1	~~	ht1	0.126 0.030
##	195	ht2	~ ~	ht2	0.393 0.038
##	196	ht3	~ ~	ht3	0.259 0.031
##	197	lv1	~ ~	lv1	0.422 0.042
##	198	1v2	~ ~	lv2	0.157 0.023
##	199	lv3	~ ~	lv3	0.110 0.019
##	200	ti1	~ ~	ti1	0.154 0.030
	201	ti2	~ ~	ti2	0.387 0.037
	202	ti3	~ ~	ti3	0.215 0.029
	203	as1	~ ~	as1	0.311 0.033
##	204	as2	~ ~	as2	0.257 0.029
##	205	as3	~ ~	as3	0.240 0.030
##	206	bi1	~ ~	bi1	0.142 0.038
##	207	bi2	~ ~	bi2	0.071 0.023
##	208	bi3	~ ~	bi3	0.087 0.023
##	209	performance.expectancy	~ ~	performance.expectancy	0.235 0.032
##	210	offort ownectoner	~ ~	66	0 150 0 001
	210	effort.expectancy		effort.expectancy	0.156 0.021
	211	social.influence	~~	effort.expectancy social.influence	0.386 0.035
##					
## ##	211	social.influence	~~	social.influence	0.386 0.035
## ## ##	211 212	social.influence facilitating.conditions	~~	social.influence facilitating.conditions	0.386 0.035 0.158 0.029
## ## ## ##	211 212 213	social.influence facilitating.conditions hedonic.motivation	~~	social.influence facilitating.conditions hedonic.motivation	0.386 0.035 0.158 0.029 0.220 0.023
## ## ## ##	211 212 213 214 215	social.influence facilitating.conditions hedonic.motivation habit	~~	social.influence facilitating.conditions hedonic.motivation habit	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025
## ## ## ## ##	211 212 213 214 215	social.influence facilitating.conditions hedonic.motivation habit learning.value	~~	social.influence facilitating.conditions hedonic.motivation habit learning.value	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022
## ## ## ## ## ##	211 212 213 214 215 216	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness	~~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 0.165 0.022
## ## ## ## ## ##	211 212 213 214 215 216 217	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength	~~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 0.165 0.022 1.000 0.000
## ## ## ## ## ##	211 212 213 214 215 216 217 218	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention	~~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 0.165 0.022 1.000 0.000 0.494 0.046
## ## ## ## ## ## ##	211 212 213 214 215 216 217 218 219	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1	~~ ~~ ~~ ~~ ~~ ~*~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 0.165 0.022 1.000 0.000 0.494 0.046 1.000 0.000
## ## ## ## ## ## ##	211 212 213 214 215 216 217 218 219 220	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3	~~ ~~ ~~ ~~ ~~ ~*~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 0.165 0.022 1.000 0.000 0.494 0.046 1.000 0.000
## ## ## ## ## ## ##	211 212 213 214 215 216 217 218 219 220 221	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1	~~ ~~ ~~ ~~ ~~ ~*~ ~*~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 0.165 0.022 1.000 0.000 0.494 0.046 1.000 0.000 1.000 0.000
## ## ## ## ## ## ## ##	211 212 213 214 215 216 217 218 219 220 221 222	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2	~~ ~~ ~~ ~~ ~~ ~*~ ~*~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 1.000 0.000 0.494 0.046 1.000 0.000 1.000 0.000 1.000 0.000
## ## ## ## ## ## ## ## ## ## ## ## ##	211 212 213 214 215 216 217 218 219 220 221 222 223	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3	~~ ~~ ~~ ~~ ~* ~* ~* ~* ~*	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 1.000 0.000 0.494 0.046 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000
## ## ## ## ## ## ## ## ##	211 212 213 214 215 216 217 218 219 220 221 222 223 224	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4	~~ ~~ ~~ ~~ ~*~ ~*~ ~*~ ~*~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 1.000 0.000 0.494 0.046 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000
######################################	211 212 213 214 215 216 217 218 219 220 221 222 223 224 225	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1	~~ ~~ ~~ ~~ ~* ~* ~* ~* ~* ~*	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 1.000 0.000 0.494 0.046 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000
######################################	211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2	~~ ~~ ~~ ~~ ~* ~* ~* ~* ~* ~* ~*	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 1.000 0.000 0.494 0.046 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000
# # # # # # # # # # # # # # # # # # #	211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3	~~ ~~ ~~ ~~ ~* ~* ~* ~* ~* ~* ~* ~*	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 1.000 0.000 0.494 0.046 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000
#######################################	211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3 fc1	~~ ~~ ~~ ~~ ~* ~* ~* ~* ~* ~* ~* ~* ~* ~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 1.000 0.000 0.494 0.046 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000
######################################	211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3 fc1 fc2	~~ ~~ ~~ ~* ~* ~* ~* ~* ~* ~* ~* ~* ~* ~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3 fc1	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 1.000 0.000 0.494 0.046 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000
##########################	211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3 fc1 fc2 fc3	~~ ~~ ~~ ~* ~* ~* ~* ~* ~* ~* ~* ~* ~* ~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3 fc1 fc2	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 1.000 0.000 0.494 0.046 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000
#######################################	211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3 fc1 fc2 fc3	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3 fc1 fc2 fc3	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 1.000 0.000 0.494 0.046 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000
##########################	211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3 fc1 fc2 fc3 fc4	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3 fc1 fc2 fc3 fc4	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 1.000 0.000 0.494 0.046 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000 1.000 0.000
############################	211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3 fc1 fc2 fc3 fc4 hm1	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	social.influence facilitating.conditions hedonic.motivation habit learning.value technology.innovativeness attitude.strength behavior.intention pe1 pe2 pe3 ee1 ee2 ee3 ee4 si1 si2 si3 fc1 fc2 fc3 fc4 hm1	0.386 0.035 0.158 0.029 0.220 0.023 0.184 0.025 0.128 0.022 1.000 0.000 0.494 0.046 1.000 0.000

##	236	ht1	~ ×	* ~	ht1	1.000	0.000
##	237	ht2	~ ×	* ~	ht2	1.000	0.000
##	238	ht3	~ ×	* ~	ht3	1.000	0.000
##	239	lv1	~ *	* ~	lv1	1.000	0.000
##	240	lv2	~ ×	* ~	1v2	1.000	0.000
##	241	1v3	~ ×	* ~	1v3	1.000	0.000
##	242	ti1	~ *	* ~	ti1	1.000	0.000
##	243	ti2	~ ×	* ~	ti2		0.000
	244	ti3	~ ×	* ~	ti3		0.000
	245	as1			as1		0.000
	246	as2			as2		0.000
	247	as3			as3		0.000
	248	bi1			bi1		0.000
	249	bi2			bi2		0.000
	250	bi3			bi3		0.000
	251	pe1		· ~1	510		0.000
	252	pe2		~1			0.000
	253	pe3		~1			0.000
	254	ee1		~1			0.000
	255	ee2		~1			0.000
	256	ee3		~1			
	257						0.000
		ee4		~1			0.000
	258	si1		~1			0.000
	259	si2		~1			0.000
	260	si3		~1			0.000
	261	fc1		~1			0.000
	262	fc2		~1			0.000
	263	fc3		~1			0.000
	264	fc4		~1			0.000
	265	hm1		~1			0.000
	266	hm2		~1			0.000
	267	hm3		~1			0.000
	268	ht1		~1			0.000
	269	ht2		~1			0.000
	270	ht3		~1			0.000
	271	lv1		~1			0.000
	272	lv2		~1			0.000
	273	1v3		~1			0.000
	274	ti1		~1			0.000
	275	ti2		~1			0.000
	276	ti3	^	~1		0.000	0.000
##	277	as1	^	~1		0.000	0.000
	278	as2		~1		0.000	0.000
	279	as3	^	~1		0.000	0.000
##	280	bi1	^	~1		0.000	0.000
	281	bi2	^	~1		0.000	0.000
	282	bi3		~1		0.000	0.000
##	283	performance.expectancy	^	~1		0.000	0.000
##	284	effort.expectancy	^	~1		0.000	0.000
##	285	social.influence	^	~1		0.000	0.000
##	286	facilitating.conditions	^	~1		0.000	0.000
##	287	hedonic.motivation	^	~1		0.000	0.000
##	288	habit	^	~1		0.000	0.000
##	289	learning.value	^	~1		0.000	0.000

```
## 290 technology.innovativeness
                                                                       0.000 0.000
## 291
                                                                       0.000 0.000
                attitude.strength
## 292
                                                                       0.000 0.000
               behavior.intention
##
              z pvalue ci.lower ci.upper
## 1
        49.822 0.000
                           0.879
                                     0.951
## 2
        77.611 0.000
                           0.904
                                     0.950
## 3
        62.696
                 0.000
                           0.908
                                     0.966
## 4
        41.903
                 0.000
                           0.830
                                     0.911
## 5
        70.885
                 0.000
                           0.915
                                     0.967
## 6
        63.720
                 0.000
                                     0.931
                           0.876
## 7
        73.495
                 0.000
                           0.895
                                     0.944
## 8
        84.246
                 0.000
                           0.900
                                     0.943
## 9
       117.878
                 0.000
                           0.945
                                     0.977
## 10
       131.328
                 0.000
                           0.954
                                     0.983
## 11
        22.361
                 0.000
                           0.684
                                     0.815
## 12
        33.119
                 0.000
                           0.779
                                     0.877
## 13
        37.789
                 0.000
                           0.789
                                     0.875
## 14
        17.649
                 0.000
                           0.573
                                     0.716
## 15
       112.362
                 0.000
                           0.928
                                     0.961
##
   16
       197.637
                 0.000
                           0.972
                                     0.992
       157.199
## 17
                 0.000
                           0.954
                                     0.978
## 18
        59.149
                 0.000
                           0.904
                                     0.966
        31.982
                 0.000
                           0.731
                                     0.827
## 19
## 20
        47.112
                 0.000
                           0.825
                                     0.897
## 21
        27.579
                 0.000
                                     0.814
                           0.706
## 22
        72.598
                 0.000
                           0.894
                                     0.943
## 23
        93.388
                 0.000
                           0.923
                                     0.963
##
  24
        57.279
                 0.000
                           0.888
                                     0.951
## 25
        32.704
                 0.000
                           0.736
                                     0.830
        54.206
                 0.000
                                     0.918
## 26
                           0.854
## 27
        42.080
                 0.000
                           0.791
                                     0.869
## 28
        50.468
                 0.000
                           0.828
                                     0.895
##
  29
                 0.000
                                     0.905
        51.346
                           0.838
##
  30
        45.485
                 0.000
                           0.887
                                     0.966
##
  31
        79.211
                 0.000
                           0.940
                                     0.988
## 32
        80.574
                 0.000
                           0.932
                                     0.979
## 33
        47.790
                 0.000
                           0.839
                                     0.910
## 34
        79.027
                 0.000
                           0.896
                                     0.941
## 35
        35.285
                 0.000
                           0.740
                                     0.827
## 36
        57.088
                 0.000
                           0.886
                                     0.949
  37
        66.620
                 0.000
                           0.857
                                     0.909
##
  38
        64.402
                 0.000
                           0.876
                                     0.931
        78.008
                 0.000
                           0.911
##
  39
                                     0.957
                 0.000
## 40
        75.947
                           0.890
                                     0.937
## 41
        -0.585
                 0.559
                          -0.267
                                     0.144
## 42
         1.554
                 0.120
                          -0.053
                                     0.457
        -0.574
## 43
                 0.566
                          -0.194
                                     0.106
## 44
        -0.473
                 0.636
                          -0.346
                                     0.212
## 45
         3.338
                 0.001
                           0.131
                                     0.505
         2.225
## 46
                 0.026
                           0.029
                                     0.455
## 47
         0.943
                 0.346
                          -0.133
                                     0.380
         0.248
                 0.804
                          -0.222
## 48
                                     0.287
## 49
       -14.557
                 0.000
                          -2.285
                                    -1.743
## 50
       -15.526 0.000
                          -1.983
                                    -1.539
```

```
-0.963
## 51
       -14.249
                 0.000
                          -1.270
## 52
                 0.000
                          -0.629
        -7.717
                                    -0.374
## 53
       -14.296
                 0.000
                          -2.346
                                    -1.780
                          -1.890
       -15.681
                 0.000
                                    -1.470
## 54
## 55
       -12.418
                 0.000
                          -1.034
                                    -0.752
        -3.011
                 0.003
                          -0.310
                                    -0.066
## 56
       -13.982
                 0.000
                          -2.414
                                    -1.821
## 57
                          -1.761
## 58
       -15.755
                 0.000
                                    -1.371
## 59
       -10.211
                 0.000
                          -0.825
                                    -0.559
## 60
        -1.432
                 0.152
                          -0.211
                                     0.033
## 61
       -12.526
                 0.000
                          -2.700
                                    -1.969
                          -1.983
       -15.526
                 0.000
                                    -1.539
##
   62
##
   63
       -13.860
                 0.000
                          -1.211
                                    -0.911
                 0.000
##
   64
        -3.701
                          -0.355
                                    -0.109
## 65
       -12.526
                 0.000
                          -2.700
                                    -1.969
## 66
       -15.681
                 0.000
                          -1.890
                                    -1.470
       -14.544
                 0.000
                          -1.321
## 67
                                    -1.007
##
  68
        -3.799
                 0.000
                          -0.361
                                    -0.115
       -11.731
                 0.000
                          -2.848
                                    -2.033
##
  69
                                    -1.589
##
   70
       -15.357
                 0.000
                          -2.055
## 71
       -13.200
                 0.000
                          -1.124
                                    -0.834
## 72
        -1.235
                 0.217
                          -0.198
                                     0.045
       -12.526
                 0.000
                          -2.700
                                    -1.969
## 73
       -15.449
                 0.000
                          -2.018
## 74
                                    -1.563
       -12.943
                          -1.093
## 75
                 0.000
                                    -0.806
##
  76
        -1.926
                 0.054
                          -0.242
                                     0.002
   77
       -15.407
                 0.000
                          -1.525
                                    -1.181
##
       -14.096
                 0.000
                          -1.246
                                    -0.942
##
   78
## 79
        -4.488
                 0.000
                          -0.406
                                    -0.159
## 80
          3.307
                 0.001
                           0.084
                                     0.329
## 81
       -14.953
                 0.000
                          -1.402
                                    -1.077
## 82
       -12.329
                 0.000
                          -1.025
                                    -0.744
        -3.307
                          -0.329
##
  83
                 0.001
                                    -0.084
          5.373
                 0.000
                           0.216
                                     0.465
##
  84
                                    -1.209
##
   85
       -15.499
                 0.000
                          -1.559
       -13.535
                 0.000
                          -1.167
                                    -0.872
##
  86
## 87
        -4.587
                 0.000
                          -0.412
                                    -0.165
## 88
          4.193
                 0.000
                           0.140
                                     0.387
## 89
       -10.605
                 0.000
                          -3.061
                                    -2.106
## 90
       -14.960
                 0.000
                          -2.181
                                    -1.676
## 91
       -15.137
                 0.000
                          -1.446
                                    -1.114
## 92
        -8.395
                 0.000
                          -0.679
                                    -0.422
       -12.526
                          -2.700
##
  93
                 0.000
                                    -1.969
                          -2.094
##
  94
       -15.247
                 0.000
                                    -1.617
       -13.284
                 0.000
                          -1.135
                                    -0.843
## 95
## 96
        -1.728
                 0.084
                          -0.229
                                     0.014
## 97
       -11.731
                 0.000
                          -2.848
                                    -2.033
## 98
       -15.681
                 0.000
                          -1.890
                                    -1.470
## 99
       -10.494
                 0.000
                          -0.849
                                    -0.582
   100
         0.840
                 0.401
                          -0.070
                                     0.174
## 101 -15.407
                 0.000
                          -1.525
                                    -1.181
## 102 -13.115
                 0.000
                          -1.114
                                    -0.824
## 103
        -7.425
                 0.000
                          -0.607
                                    -0.354
## 104
         0.938
                0.348
                          -0.063
                                     0.180
```

```
-1.920
                                  -1.492
## 105 -15.641 0.000
## 106 -15.016
               0.000
                         -1.416
                                  -1.089
## 107
       -7.425
                0.000
                         -0.607
                                  -0.354
                0.000
## 108
         4.882
                          0.184
                                   0.432
                                  -1.563
## 109 -15.449
                0.000
                         -2.018
## 110 -15.195
               0.000
                         -1.461
                                  -1.127
## 111 -7.231
                0.000
                         -0.593
                                  -0.340
         4.193
                          0.140
## 112
                0.000
                                   0.387
## 113 -15.641
                0.000
                         -1.920
                                  -1.492
                         -1.374
## 114 -14.822
                0.000
                                  -1.053
## 115 -6.450
                0.000
                         -0.538
                                  -0.287
         4.685
                0.000
                          0.172
                                   0.419
## 116
                                  -1.449
## 117 -15.712
                0.000
                         -1.862
## 118 -15.252
                0.000
                         -1.477
                                  -1.140
## 119 -9.642
                0.000
                         -0.777
                                  -0.515
## 120 -0.049
                0.961
                         -0.125
                                   0.119
## 121 -14.616
               0.000
                         -1.334
                                  -1.018
## 122 -10.211
                0.000
                         -0.825
                                  -0.559
         0.642
               0.521
                         -0.082
                                   0.161
## 123
## 124
       10.868
                0.000
                          0.613
                                   0.882
## 125 -15.077
                0.000
                         -1.431
                                  -1.102
## 126 -12.061
                0.000
                         -0.997
                                  -0.718
## 127 -2.715
                0.007
                         -0.292
                                  -0.047
## 128
         7.911
                0.000
                          0.388
                                   0.643
## 129 -15.641
                         -1.920
                0.000
                                  -1.492
## 130 -14.018
                0.000
                         -1.235
                                  -0.932
## 131
       -4.292
                0.000
                         -0.393
                                  -0.147
         5.961
                          0.255
## 132
                0.000
                                   0.505
## 133 -15.449
                0.000
                         -2.018
                                  -1.563
## 134 -15.649
                0.000
                         -1.633
                                  -1.270
## 135
        -9.451
                0.000
                         -0.762
                                  -0.500
## 136
         0.346
                0.730
                         -0.100
                                   0.143
## 137 -15.357
                0.000
                         -2.055
                                  -1.589
## 138 -15.755
                0.000
                         -1.761
                                  -1.371
## 139 -11.789
                0.000
                         -0.969
                                  -0.693
## 140 -1.531
                0.126
                         -0.217
                                   0.027
## 141 -15.247
                0.000
                         -2.094
                                  -1.617
## 142 -15.702
               0.000
                         -1.673
                                  -1.302
## 143 -12.151
                0.000
                         -1.006
                                  -0.727
## 144 -0.741
                0.459
                         -0.168
                                   0.076
## 145 -15.358
                0.000
                         -1.509
                                  -1.167
## 146 -11.054
                0.000
                         -0.899
                                  -0.628
       -0.543
                         -0.155
## 147
                0.587
                                   0.088
## 148
         9.260
                0.000
                          0.486
                                   0.746
## 149 -15.357
                0.000
                         -2.055
                                  -1.589
## 150 -15.358
                0.000
                         -1.509
                                  -1.167
## 151
        -8.972
                0.000
                         -0.724
                                  -0.464
         1.728
                0.084
                         -0.014
                                   0.229
## 152
## 153 -15.115
                0.000
                         -2.136
                                  -1.645
## 154 -15.455
                0.000
                         -1.542
                                  -1.195
## 155
       -5.274
                0.000
                         -0.458
                                  -0.210
## 156
        7.620
                0.000
                          0.367
                                   0.622
## 157 -15.115 0.000
                         -2.136
                                  -1.645
## 158 -15.580 0.000
                         -1.595
                                  -1.239
```

```
## 159 -10.494
                 0.000
                          -0.849
                                    -0.582
                          -0.063
## 160
         0.938
                 0.348
                                     0.180
## 161 -13.600
                 0.000
                          -2.493
                                    -1.865
## 162 -15.590
                 0.000
                          -1.951
                                    -1.515
## 163 -12.770
                 0.000
                          -1.073
                                    -0.788
        -1.531
                 0.126
                          -0.217
## 164
                                     0.027
## 165 -14.296
                 0.000
                          -2.346
                                    -1.780
## 166 -15.449
                 0.000
                          -2.018
                                    -1.563
## 167 -14.544
                 0.000
                          -1.321
                                    -1.007
## 168
       -5.961
                 0.000
                          -0.505
                                    -0.255
## 169 -13.600
                 0.000
                          -2.493
                                    -1.865
## 170 -15.590
                 0.000
                          -1.951
                                    -1.515
## 171 -13.368
                 0.000
                          -1.145
                                    -0.852
## 172
        -3.996
                 0.000
                          -0.374
                                    -0.128
## 173 -13.127
                 0.000
                          -2.586
                                    -1.914
## 174 -15.712
                 0.000
                          -1.862
                                    -1.449
## 175 -14.173
                 0.000
                          -1.258
                                    -0.953
## 176
        -5.176
                 0.000
                          -0.452
                                    -0.204
         4.822
                 0.000
                           0.096
                                     0.228
## 177
##
  178
         6.350
                 0.000
                           0.097
                                     0.184
## 179
         4.349
                 0.000
                           0.067
                                     0.177
## 180
         6.714
                 0.000
                           0.172
                                     0.314
         4.592
                 0.000
                           0.066
                                     0.164
## 181
         7.163
                 0.000
                           0.133
                                     0.234
## 182
## 183
         6.700
                 0.000
                           0.109
                                     0.199
##
  184
         7.469
                 0.000
                           0.111
                                     0.190
   185
         4.852
                 0.000
                           0.045
                                     0.107
##
         4.343
                           0.034
                                     0.090
##
   186
                 0.000
  187
         8.738
                 0.000
                           0.340
                                     0.537
##
## 188
         7.598
                 0.000
                           0.233
                                     0.396
##
  189
         8.387
                 0.000
                           0.236
                                     0.379
## 190
        12.437
                 0.000
                           0.493
                                     0.677
##
  191
         6.815
                 0.000
                           0.077
                                     0.139
         3.705
                 0.000
                           0.017
                                     0.055
##
  192
##
   193
         5.558
                 0.000
                           0.043
                                     0.089
## 194
         4.252
                 0.000
                           0.068
                                     0.184
## 195
        10.362
                 0.000
                           0.319
                                     0.468
## 196
         8.236
                 0.000
                           0.197
                                     0.321
## 197
        10.056
                 0.000
                           0.340
                                     0.504
## 198
         6.740
                 0.000
                                     0.202
                           0.111
  199
         5.796
                 0.000
                           0.073
                                     0.148
##
  200
         5.207
                 0.000
                           0.096
                                     0.212
##
        10.331
##
  201
                 0.000
                           0.314
                                     0.461
##
  202
         7.428
                 0.000
                           0.158
                                     0.272
## 203
         9.499
                 0.000
                           0.247
                                     0.375
## 204
         8.738
                 0.000
                           0.200
                                     0.315
## 205
         8.124
                 0.000
                           0.182
                                     0.298
  206
         3.751
                 0.000
                           0.068
##
                                     0.216
## 207
         3.014
                 0.003
                           0.025
                                     0.117
##
  208
         3.828
                 0.000
                           0.042
                                     0.131
                 0.000
## 209
         7.358
                           0.173
                                     0.298
## 210
         7.325
                 0.000
                           0.115
                                     0.198
## 211
        11.103
                 0.000
                           0.318
                                     0.454
## 212
         5.360 0.000
                           0.100
                                     0.216
```

## :	213	9.384	0.000	0.174	0.266
## :	214	7.255	0.000	0.134	0.234
## :	215	5.708	0.000	0.084	0.172
	216	7.497	0.000	0.122	0.208
	217	NA	NA	1.000	1.000
					0.584
	218	10.791	0.000	0.404	
	219	NA	NA	1.000	1.000
	220	NA	NA	1.000	1.000
## :	221	NA	NA	1.000	1.000
## :	222	NA	NA	1.000	1.000
## :	223	NA	NA	1.000	1.000
## :	224	NA	NA	1.000	1.000
## :	225	NA	NA	1.000	1.000
	226	NA	NA	1.000	1.000
	227	NA	NA	1.000	1.000
	228	NA	NA	1.000	1.000
	229	NA	NA	1.000	1.000
	22 <i>9</i> 230				
		NA	NA	1.000	1.000
	231	NA	NA	1.000	1.000
	232	NA	NA	1.000	1.000
	233	NA	NA	1.000	1.000
## :	234	NA	NA	1.000	1.000
## :	235	NA	NA	1.000	1.000
## :	236	NA	NA	1.000	1.000
## :	237	NA	NA	1.000	1.000
## :	238	NA	NA	1.000	1.000
## :	239	NA	NA	1.000	1.000
## :	240	NA	NA	1.000	1.000
## :	241	NA	NA	1.000	1.000
	242	NA	NA	1.000	1.000
	243	NA	NA	1.000	1.000
	244 244	NA	NA	1.000	1.000
	245	NA	NA	1.000	1.000
	246	NA	NA	1.000	1.000
	247	NA	NA	1.000	1.000
	248	NA	NA	1.000	1.000
	249	NA	NA	1.000	1.000
## :	250	NA	NA	1.000	1.000
## :	251	NA	NA	0.000	0.000
## :	252	NA	NA	0.000	0.000
## :	253	NA	NA	0.000	0.000
	254	NA	NA	0.000	0.000
	255	NA	NA	0.000	0.000
	256	NA	NA	0.000	0.000
	257	NA	NA	0.000	0.000
	258	NA	NA	0.000	0.000
			NA NA	0.000	0.000
	259 260	NA NA			
	260	NA	NA	0.000	0.000
	261	NA	NA	0.000	0.000
	262	NA	NA	0.000	0.000
	263	NA	NA	0.000	0.000
	264	NA	NA	0.000	0.000
	265	NA	NA	0.000	0.000
## :	266	NA	NA	0.000	0.000

```
0.000
                                    0.000
## 267
            NA
                    NA
## 268
            NA
                    NA
                          0.000
                                    0.000
## 269
            NA
                    NA
                          0.000
                                    0.000
## 270
                          0.000
                                    0.000
            NA
                    NA
## 271
            NA
                    NA
                          0.000
                                    0.000
## 272
            NA
                    NA
                          0.000
                                    0.000
## 273
            NA
                    NA
                          0.000
                                    0.000
## 274
                                    0.000
            NA
                    NA
                          0.000
## 275
            NA
                    NA
                          0.000
                                    0.000
## 276
            NA
                    NA
                                    0.000
                          0.000
## 277
            NA
                    NA
                          0.000
                                    0.000
## 278
            NA
                    NA
                          0.000
                                    0.000
## 279
                                    0.000
            NA
                    NA
                          0.000
## 280
                          0.000
                                    0.000
            NA
                    NA
## 281
            NA
                    NA
                          0.000
                                    0.000
## 282
            NA
                    NA
                          0.000
                                    0.000
## 283
            NA
                    NA
                          0.000
                                    0.000
## 284
                                    0.000
            NA
                    NA
                          0.000
## 285
                    NA
                          0.000
                                    0.000
            NA
## 286
            NA
                    NA
                          0.000
                                    0.000
## 287
            NA
                    NA
                          0.000
                                    0.000
## 288
            NA
                    NA
                          0.000
                                    0.000
## 289
            NA
                    NA
                          0.000
                                    0.000
## 290
            NA
                    NA
                          0.000
                                    0.000
## 291
            NA
                    NA
                          0.000
                                    0.000
## 292
            NA
                    NA
                          0.000
                                    0.000
```

```
## chisq 371.938
## df 448.000
## pvalue 0.996
## cfi 1.000
## rmsea 0.000
## rmsea.ci.lower 0.000
## rmsea.ci.upper 0.000
```

RQ3) Is there any gender difference for the fitted model?

```
make_mutation <- function(x){
  ifelse(x <3, 1, ifelse(x > 3, 3, 2))

df_groups <- raw_data %>% mutate_at(c(17:48), make_mutation)
```

```
model_fit_groups <- lavaan::sem(</pre>
  model = model_sem,
  data = df_groups,
  estimator = "WLSMV",
  ordered = names(raw_data)
standardizedSolution(model fit groups)
##
                               lhs
                                    op
                                                               rhs est.std
## 1
          performance.expectancy
                                                              pe1
                                                                     0.875 0.034
## 2
          performance.expectancy
                                                               pe2
                                                                     0.940 0.018
## 3
          performance.expectancy
                                                                     0.945 0.019
                                                              pe3
## 4
                effort.expectancy
                                                               ee1
                                                                     0.880 0.030
## 5
                effort.expectancy
                                                                     0.948 0.022
                                                               ee2
## 6
                effort.expectancy
                                                                     0.920 0.021
                                                               ee3
## 7
                effort.expectancy
                                                                     0.902 0.023
                                    =~
                                                               ee4
## 8
                 social.influence
                                                               si1
                                                                     0.918 0.015
## 9
                 social.influence
                                                               si2
                                                                     0.961 0.011
## 10
                 social.influence
                                                               si3
                                                                     0.977 0.010
                                                                     0.796 0.050
## 11
         facilitating.conditions
                                                               fc1
                                                                     0.858 0.040
## 12
         facilitating.conditions
                                                               fc2
## 13
         facilitating.conditions
                                                               fc3
                                                                     0.751 0.043
## 14
         facilitating.conditions
                                                               fc4
                                                                     0.602 0.055
## 15
               hedonic.motivation
                                                               hm1
                                                                     0.951 0.010
## 16
               hedonic.motivation
                                                               hm2
                                                                     0.981 0.007
## 17
                                                                     0.967 0.010
               hedonic.motivation
                                                               hm3
## 18
                                                               ht1
                                                                     0.952 0.021
                            habit
## 19
                            habit
                                                               ht2
                                                                     0.811 0.030
## 20
                                                                     0.888 0.024
                            habit
                                                               ht3
## 21
                   learning.value
                                                               lv1
                                                                     0.737 0.040
## 22
                                                                     0.930 0.018
                   learning.value
                                                               1772
## 23
                   learning.value
                                                               1v3
                                                                     0.943 0.018
## 24
                                                                     0.920 0.024
       technology.innovativeness
                                                               t.i1
##
       technology.innovativeness
                                                               ti2
                                                                     0.806 0.030
##
  26
       technology.innovativeness
                                                               ti3
                                                                     0.903 0.024
##
   27
                attitude.strength
                                                                     0.831 0.025
                                                               as1
## 28
                                                                     0.848 0.026
                attitude.strength
                                                               as2
## 29
                attitude.strength
                                                                     0.859 0.029
                                                               as3
               behavior.intention
## 30
                                                               bi1
                                                                     0.984 0.032
## 31
               behavior.intention
                                                               bi2
                                                                     0.948 0.017
## 32
                                                                     0.969 0.022
               behavior.intention
                                                               bi3
  33
          performance.expectancy
                                                attitude.strength
                                                                     0.873 0.028
## 34
                                                attitude.strength
                                                                     0.920 0.019
                effort.expectancy
##
  35
                 social.influence
                                                attitude.strength
                                                                     0.751 0.030
## 36
         facilitating.conditions
                                                attitude.strength
                                                                     0.915 0.028
## 37
               hedonic.motivation
                                                attitude.strength
                                                                     0.856 0.022
## 38
                            habit
                                                attitude.strength
                                                                     0.893 0.019
## 39
                                                attitude.strength
                                                                     0.922 0.020
                   learning.value
## 40
       technology.innovativeness
                                                attitude.strength
                                                                     0.900 0.020
## 41
               behavior.intention
                                          performance.expectancy
                                                                     0.093 0.139
## 42
               behavior.intention
                                                effort.expectancy
                                                                     0.241 0.184
## 43
               behavior.intention
                                                 social.influence
                                                                    -0.027 0.091
```

##	44	behavior.intention	~	facilitating.conditions	-0.113	0.192
##	45	behavior.intention	~	hedonic.motivation	0.439	
##	46	behavior.intention	~	habit	0.175	0.159
##	47	behavior.intention	~	learning.value	-0.022	0.157
##	48	behavior.intention	~		0.071	0.157
##	49	pe1	-	t1	-1.761	0.113
##	50	pe1	-	t2	-1.117	0.078
##	51	pe2	1	t1	-1.680	0.107
##	52	pe2	1	t2	-0.893	0.072
##	53	pe3		t1	-1.566	0.099
##	54	pe3		t2	-0.692	0.068
##		ee1		t1	-1.761	
##		ee1		t2	-1.061	
##		ee2		t1	-1.680	
##		ee2		t2	-1.164	
##		ee3	!	t1	-1.822	
##		ee3	!	t2	-0.979	
##		ee4	!	t1	-1.791	
##		ee4		t2	-0.950	
##		si1	!	t1	-1.094	
##		si1		t2	-0.283	
##		si2		t1	-0.884	
##		si2		t2	-0.207	
##		si3		t1	-1.019	
##		si3		t2	-0.289	
## ##		fc1 fc1	1	t1 t2	-1.929 -1.280	
##		fc2		t1	-1.855	
##		fc2	1	t2	-0.989	
##		fc3	i	t1	-1.680	
##		fc3	i	t2	-0.715	
##		fc4	i	t1	-0.969	
##		fc4	i	t2	-0.481	
##		hm1	i	t1	-1.253	
##	78	hm1	İ	t2	-0.481	
##	79	hm2		t1	-1.294	0.085
##	80	hm2	-	t2	-0.467	0.065
##	81	hm3	-	t1	-1.213	0.082
##	82	hm3	1	t2	-0.413	0.064
##	83	ht1	1	t1	-1.308	0.086
##	84	ht1		t2	-0.646	0.067
##		ht2	I	t1	-0.692	
##		ht2		t2		0.062
##		ht3	-	t1	-0.857	
##		ht3		t2	-0.169	
##		lv1		t1	-1.083	
##		lv1		t2	-0.270	
##		1v2		t1	-1.451	
##		1v2		t2	-0.631	
##		lv3	- [t1	-1.566	
##		lv3	1	t2	-0.831	
## ##		ti1	l I	t1 t2	-1.487 -0.866	
##		ti1 ti2	l I	t2 t1	-0.866 -0.764	
##	ופ	612	ı	t1	-0.764	0.009

##	98	ti2	- 1	t2	-0.034 0.062
##	99	ti3		t1	-1.338 0.087
##	100	ti3		t2	-0.594 0.066
##	101	as1		t1	-1.369 0.089
##	102	as1		t2	-0.334 0.063
##	103	as2		t1	-1.417 0.091
##	104	as2		t2	-0.715 0.068
##	105	as3		t1	-1.733 0.111
	106	as3	- 1	t2	-0.931 0.073
	107	bi1		t1	-1.791 0.116
	108	bi1		t2	-1.164 0.080
	109	bi2		t1	-1.733 0.111
	110	bi2	!	t2	-0.999 0.075
	111	bi3	!	t1	-1.656 0.105
	112	bi3	ı	t2	-1.105 0.078
	113	pe1	~ ~	pe1	0.235 0.059
	114	pe2	~ ~	pe2	0.116 0.034
	115	pe3	~ ~	pe3	0.107 0.036
	116	ee1	~ ~	ee1	0.226 0.052
	117	ee2	~~	ee2	0.102 0.042
	118	ee3	~~	ee3	0.154 0.039
	119 120	ee4 si1	~ ~	ee4	0.187 0.041 0.158 0.028
	121	si2	~~	si1 si2	0.156 0.028
	122	si3	~~	si3	0.045 0.020
	123	fc1	~~	fc1	0.366 0.080
	124	fc2	~ ~	fc2	0.265 0.069
	125	fc3	~ ~	fc3	0.436 0.065
	126	fc4	~~	fc4	0.638 0.066
	127	hm1	~ ~	hm1	0.095 0.018
	128	hm2	~ ~	hm2	0.037 0.014
	129	hm3	~ ~	hm3	0.065 0.019
	130	ht1	~ ~	ht1	0.094 0.040
	131	ht2	~ ~	ht2	0.342 0.048
##	132	ht3	~ ~	ht3	0.212 0.042
##	133	lv1	~ ~	lv1	0.457 0.060
##	134	lv2	~ ~	lv2	0.135 0.034
##	135	lv3	~ ~	lv3	0.111 0.034
##	136	ti1	~ ~	ti1	0.154 0.044
##	137	ti2	~ ~	ti2	0.350 0.048
	138	ti3	~ ~	ti3	0.185 0.043
	139	as1	~ ~	as1	0.310 0.041
	140	as2	~ ~	as2	0.281 0.045
	141	as3	~ ~	as3	0.263 0.050
	142	bi1	~ ~	bi1	0.031 0.063
	143	bi2	~ ~	bi2	0.102 0.033
	144	bi3	~~	bi3	0.060 0.042
	145	performance.expectancy	~~	performance.expectancy	0.238 0.050
	146	effort.expectancy	~~	effort.expectancy	0.154 0.036
	147	social.influence	~~	social.influence	0.436 0.045
	148	facilitating.conditions	~~	facilitating.conditions	0.163 0.052
	149	hedonic.motivation	~~	hedonic.motivation	0.267 0.038
	150	habit	~~	habit	0.202 0.033
##	151	learning.value	~ ~	learning.value	0.151 0.036

	0				
		technology.innovativeness		technology.innovativeness	0.189 0.036
	153	attitude.strength	~~	attitude.strength	1.000 0.000
	154	behavior.intention	. ~ ~	behavior.intention	0.357 0.058
	155	pe1		pe1	1.000 0.000
	156	pe2		pe2	1.000 0.000
	157	pe3		pe3	1.000 0.000
	158	ee1		ee1	1.000 0.000
	159	ee2		ee2	1.000 0.000
	160	ee3 ee4		ee3	1.000 0.000
	161			ee4	1.000 0.000
	162	si1		si1	1.000 0.000
	163 164	si2 si3		si2 si3	1.000 0.000
	165	fc1		fc1	1.000 0.000
##	166	fc2		fc2	1.000 0.000
	167	fc3		fc3	1.000 0.000
	168	fc4		fc4	1.000 0.000
	169	hm1			1.000 0.000
	170	hm2		hm1 hm2	1.000 0.000
	171	hm3		hm3	1.000 0.000
	172	ht1		ht1	1.000 0.000
	173	ht2		ht2	1.000 0.000
	174	ht3		ht3	1.000 0.000
	175	lv1		lv1	1.000 0.000
	176	lv2		lv2	1.000 0.000
	177	1v2 1v3		1v2	1.000 0.000
##	178	ti1		ti1	1.000 0.000
	179	ti2		ti2	1.000 0.000
##	180	ti3		ti3	1.000 0.000
##	181	as1		as1	1.000 0.000
##	182	as2		as2	1.000 0.000
	183	as3		as3	1.000 0.000
	184	bi1		bi1	1.000 0.000
	185	bi2		bi2	1.000 0.000
	186	bi3		bi3	1.000 0.000
	187	pe1	~1		0.000 0.000
	188	pe2	~1		0.000 0.000
##	189	pe3	~1		0.000 0.000
##	190	ee1	~1		0.000 0.000
##	191	ee2	~1		0.000 0.000
##	192	ee3	~1		0.000 0.000
##	193	ee4	~1		0.000 0.000
##	194	si1	~1		0.000 0.000
##	195	si2	~1		0.000 0.000
##	196	si3	~1		0.000 0.000
##	197	fc1	~1		0.000 0.000
##	198	fc2	~1		0.000 0.000
##	199	fc3	~1		0.000 0.000
##	200	fc4	~1		0.000 0.000
##	201	hm1	~1		0.000 0.000
	202	hm2	~1		0.000 0.000
	203	hm3	~1		0.000 0.000
	204	ht1	~1		0.000 0.000
##	205	ht2	~1		0.000 0.000

##	206			ht3	~1	0.000 0.0
	207			lv1	~1	0.000 0.0
	208			lv2	. ~1	0.000 0.0
	209			1v3		0.000 0.0
	210			ti1		0.000 0.0
	211			ti2		0.000 0.0
	212			ti3		0.000 0.0
	213			as1		0.000 0.0
	214			as2	. ~1	0.000 0.0
	215			as3		0.000 0.0
	216			bi1		0.000 0.0
	217			bi2		0.000 0.0
	218			bi3		0.000 0.0
	219			expectancy		0.000 0.0
	220		effort.	expectancy	~1	0.000 0.0
	221		social	influence.	~1	0.000 0.0
	222	facili	tating.	conditions	~1	0.000 0.0
	223	h	edonic.r	notivation		0.000 0.0
	224			habit		0.000 0.0
##	225			ning.value		0.000 0.0
##				vativeness		0.000 0.0
	227		attitude	e.strength		0.000 0.0
##	228			.intention		0.000 0.0
##				ci.lower c		
##	1	25.947	0.000	0.808	0.941	
##	2	52.650	0.000	0.905	0.975	
##	3	49.251	0.000	0.907	0.982	
##	4	29.576	0.000	0.821	0.938	
##	5	43.131	0.000	0.905	0.991	
##	6	43.104	0.000	0.878	0.962	
##	7	39.442	0.000	0.857	0.946	
##	8	60.688	0.000	0.888	0.947	
##	9	83.798	0.000	0.939	0.984	
##	10	95.580	0.000	0.957	0.997	
##	11	15.861	0.000	0.698	0.895	
##	12	21.194	0.000	0.778	0.937	
##	13	17.339	0.000	0.666	0.836	
	14	10.934	0.000	0.494	0.710	
	15	99.444	0.000	0.933	0.970	
	16	136.827	0.000	0.967	0.995	
	17	97.493	0.000	0.947	0.986	
	18	45.596	0.000	0.911	0.993	
	19	27.131	0.000	0.752	0.870	
	20	37.570	0.000	0.842	0.934	
	21	18.233	0.000	0.658	0.816	
	22	50.833	0.000	0.894	0.966	
	23	51.879	0.000	0.907	0.978	
	24	38.256	0.000	0.873	0.967	
	25	26.884	0.000	0.747	0.865	
	26	37.821	0.000	0.856	0.949	
	27	33.302	0.000	0.782	0.880	
	28	32.315	0.000	0.797	0.899	
	29	29.780	0.000	0.802	0.915	
##	30	30.979	0.000	0.922	1.047	

```
## 31
        54.200
                 0.000
                           0.914
                                     0.982
                           0.927
## 32
        44.908
                 0.000
                                     1.012
                           0.817
##
  33
        30.705
                 0.000
                                     0.929
                 0.000
##
  34
        47.462
                           0.882
                                     0.958
##
  35
        24.835
                 0.000
                           0.691
                                     0.810
## 36
        32.270
                 0.000
                           0.859
                                     0.970
## 37
        38.215
                 0.000
                           0.812
                                     0.900
## 38
        48.092
                 0.000
                           0.857
                                     0.930
## 39
        47.221
                 0.000
                           0.883
                                     0.960
## 40
        45.146
                 0.000
                           0.861
                                     0.939
## 41
          0.671
                 0.502
                          -0.179
                                     0.366
          1.307
                 0.191
                          -0.120
                                     0.602
##
   42
##
   43
        -0.293
                 0.770
                          -0.205
                                     0.152
        -0.586
                 0.558
                          -0.490
                                     0.264
##
  44
          4.384
                 0.000
                           0.243
                                     0.635
## 45
##
  46
          1.098
                 0.272
                          -0.138
                                     0.488
        -0.141
                          -0.329
                                     0.285
## 47
                 0.888
##
  48
          0.452
                 0.651
                          -0.237
                                     0.379
       -15.526
                 0.000
                          -1.983
                                    -1.539
##
  49
##
  50
       -14.249
                 0.000
                          -1.270
                                    -0.963
## 51
       -15.681
                 0.000
                          -1.890
                                    -1.470
       -12.418
                 0.000
                          -1.034
                                    -0.752
## 52
       -15.755
                 0.000
                          -1.761
                                    -1.371
## 53
       -10.211
                 0.000
                          -0.825
                                    -0.559
## 54
                          -1.983
## 55
       -15.526
                 0.000
                                    -1.539
##
  56
       -13.860
                 0.000
                          -1.211
                                    -0.911
   57
       -15.681
                 0.000
                          -1.890
                                    -1.470
##
##
   58
       -14.544
                 0.000
                          -1.321
                                    -1.007
   59
       -15.357
                 0.000
                          -2.055
                                    -1.589
##
## 60
       -13.200
                 0.000
                          -1.124
                                    -0.834
## 61
       -15.449
                 0.000
                          -2.018
                                    -1.563
## 62
       -12.943
                 0.000
                          -1.093
                                    -0.806
##
   63
       -14.096
                 0.000
                          -1.246
                                    -0.942
        -4.488
                 0.000
                          -0.406
                                    -0.159
##
   64
##
   65
       -12.329
                 0.000
                          -1.025
                                    -0.744
                 0.001
                          -0.329
##
   66
        -3.307
                                    -0.084
##
  67
       -13.535
                 0.000
                          -1.167
                                    -0.872
## 68
        -4.587
                 0.000
                          -0.412
                                    -0.165
                                    -1.676
       -14.960
                 0.000
                          -2.181
## 69
       -15.137
                 0.000
                          -1.446
## 70
                                    -1.114
       -15.247
                 0.000
                          -2.094
                                    -1.617
##
   71
       -13.284
                 0.000
                          -1.135
                                    -0.843
##
   72
##
   73
       -15.681
                 0.000
                          -1.890
                                    -1.470
##
  74
       -10.494
                 0.000
                          -0.849
                                    -0.582
                 0.000
                          -1.114
## 75
       -13.115
                                    -0.824
## 76
        -7.425
                 0.000
                          -0.607
                                    -0.354
##
  77
       -15.016
                 0.000
                          -1.416
                                    -1.089
## 78
        -7.425
                 0.000
                          -0.607
                                    -0.354
##
   79
       -15.195
                 0.000
                          -1.461
                                    -1.127
##
   80
        -7.231
                 0.000
                          -0.593
                                    -0.340
       -14.822
                 0.000
## 81
                          -1.374
                                    -1.053
## 82
        -6.450
                 0.000
                          -0.538
                                    -0.287
## 83
       -15.252
                 0.000
                          -1.477
                                    -1.140
## 84
        -9.642 0.000
                          -0.777
                                    -0.515
```

```
## 85
       -10.211
                 0.000
                          -0.825
                                    -0.559
                          -0.082
## 86
         0.642
                 0.521
                                     0.161
## 87
       -12.061
                 0.000
                          -0.997
                                    -0.718
        -2.715
                 0.007
## 88
                          -0.292
                                    -0.047
##
  89
       -14.018
                 0.000
                          -1.235
                                    -0.932
## 90
        -4.292
                 0.000
                          -0.393
                                    -0.147
       -15.649
                 0.000
                          -1.633
                                    -1.270
## 91
## 92
        -9.451
                 0.000
                          -0.762
                                    -0.500
## 93
       -15.755
                 0.000
                          -1.761
                                    -1.371
## 94
       -11.789
                 0.000
                          -0.969
                                    -0.693
## 95
       -15.702
                 0.000
                          -1.673
                                    -1.302
       -12.151
                 0.000
                          -1.006
                                    -0.727
##
   96
##
   97
       -11.054
                 0.000
                          -0.899
                                    -0.628
        -0.543
                 0.587
##
  98
                          -0.155
                                     0.088
       -15.358
                 0.000
                          -1.509
                                    -1.167
## 99
## 100
       -8.972
                 0.000
                          -0.724
                                    -0.464
## 101 -15.455
                 0.000
                          -1.542
                                    -1.195
## 102
        -5.274
                 0.000
                          -0.458
                                    -0.210
## 103 -15.580
                 0.000
                          -1.595
                                    -1.239
## 104 -10.494
                 0.000
                          -0.849
                                    -0.582
## 105 -15.590
                 0.000
                          -1.951
                                    -1.515
## 106 -12.770
                 0.000
                          -1.073
                                    -0.788
## 107 -15.449
                 0.000
                          -2.018
                                    -1.563
                                    -1.007
## 108 -14.544
                 0.000
                          -1.321
## 109 -15.590
                 0.000
                          -1.951
                                    -1.515
## 110 -13.368
                 0.000
                          -1.145
                                    -0.852
## 111 -15.712
                 0.000
                          -1.862
                                    -1.449
## 112 -14.173
                          -1.258
                 0.000
                                    -0.953
         3.991
                 0.000
                           0.120
                                     0.351
## 113
## 114
         3.457
                 0.001
                           0.050
                                     0.182
## 115
         2.956
                 0.003
                           0.036
                                     0.178
## 116
         4.329
                 0.000
                           0.124
                                     0.329
## 117
         2.449
                 0.014
                           0.020
                                     0.184
         3.918
                 0.000
                           0.077
                                     0.231
## 118
## 119
         4.545
                 0.000
                           0.107
                                     0.268
## 120
         5.696
                 0.000
                           0.104
                                     0.212
## 121
         3.452
                 0.001
                           0.033
                                     0.119
## 122
         2.251
                 0.024
                           0.006
                                     0.084
## 123
         4.572
                 0.000
                           0.209
                                     0.522
## 124
         3.814
                 0.000
                           0.129
                                     0.401
## 125
         6.709
                 0.000
                           0.309
                                     0.564
  126
         9.620
                 0.000
                           0.508
                                     0.768
##
         5.226
## 127
                 0.000
                           0.059
                                     0.131
## 128
         2.634
                 0.008
                           0.009
                                     0.065
## 129
         3.408
                 0.001
                           0.028
                                     0.103
## 130
         2.361
                 0.018
                           0.016
                                     0.172
## 131
         7.059
                 0.000
                           0.247
                                     0.437
## 132
         5.047
                 0.000
                                     0.294
                           0.130
## 133
         7.665
                 0.000
                           0.340
                                     0.574
##
   134
         3.965
                 0.000
                           0.068
                                     0.202
## 135
         3.239
                 0.001
                           0.044
                                     0.178
## 136
         3.471
                 0.001
                           0.067
                                     0.240
## 137
         7.239
                 0.000
                           0.255
                                     0.445
## 138
         4.301 0.000
                           0.101
                                     0.270
```

##	139	7.481	0.000	0.229	0.391
##	140	6.312	0.000	0.194	0.368
##	141	5.304	0.000	0.166	0.360
##	142	0.494	0.621	-0.092	0.154
##	143	3.068	0.002	0.037	0.167
##	144	1.440	0.150	-0.022	0.142
##	145	4.792	0.000	0.141	0.335
##	146	4.321	0.000	0.084	0.224
##	147	9.618	0.000	0.348	0.525
##	148	3.145	0.002	0.061	0.265
##	149	6.952	0.000	0.192	0.342
##	150	6.089	0.000	0.137	0.267
##	151	4.185	0.000	0.080	0.221
##	152	5.270	0.000	0.119	0.260
##	153	NA	NA	1.000	1.000
##	154	6.191	0.000	0.244	0.470
##	155	NA	NA	1.000	1.000
##	156	NA	NA	1.000	1.000
##	157	NA	NA	1.000	1.000
##	158	NA	NA	1.000	1.000
##	159	NA	NA	1.000	1.000
##	160	NA	NA	1.000	1.000
##	161	NA	NA	1.000	1.000
##	162	NA	NA	1.000	1.000
##	163	NA	NA	1.000	1.000
##	164	NA	NA	1.000	1.000
##	165	NA	NA	1.000	1.000
##	166	NA	NA	1.000	1.000
##	167	NA	NA	1.000	1.000
##	168	NA	NA	1.000	1.000
##	169	NA	NA	1.000	1.000
##	170	NA	NA	1.000	1.000
##	171	NA	NA	1.000	1.000
##	172	NA	NA	1.000	1.000
##	173	NA	NA	1.000	1.000
##	174	NA	NA	1.000	1.000
##	175	NA	NA	1.000	1.000
##	176	NA	NA	1.000	1.000
##	177	NA	NA	1.000	1.000
##	178	NA	NA	1.000	1.000
##	179	NA	NA	1.000	1.000
##	180	NA	NA	1.000	1.000
##	181	NA	NA	1.000	1.000
##	182	NA	NA	1.000	1.000
##	183	NA	NA	1.000	1.000
##	184	NA	NA	1.000	1.000
##	185	NA	NA	1.000	1.000
##	186	NA	NA	1.000	1.000
##	187	NA	NA	0.000	0.000
##	188	NA	NA	0.000	0.000
##	189	NA	NA	0.000	0.000
##	190	NA	NA	0.000	0.000
##	191	NA	NA	0.000	0.000
##	192	NA	NA	0.000	0.000

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## 193
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## 202
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## 204
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## 205
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## 208
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## 209
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## 210
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## 211
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## 212
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## 213
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## 214
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## 215
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## 216
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## 217
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## 218
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                    NA
                           0.000
                                     0.000
## 219
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                    NA
                           0.000
                                     0.000
## 220
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## 221
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             NA
                    NA
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## 222
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## 223
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## 224
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## 225
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             NA
                    NA
                           0.000
## 226
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                                     0.000
             NA
## 227
                                     0.000
             NA
                    NA
                           0.000
## 228
             NA
                    NA
                           0.000
                                     0.000
fitMeasures(model_fit_groups,
             fit.measures = c("chisq",
                    "df",
                    "pvalue",
                    "cfi",
                    "rmsea",
                    "rmsea.ci.lower",
                    "rmsea.ci.upper"),
             output = "matrix")
##
## chisq
                   319.673
## df
                   448.000
## pvalue
                     1.000
## cfi
                     1.000
## rmsea
                     0.000
## rmsea.ci.lower
                     0.000
## rmsea.ci.upper
                     0.000
```

```
# Female
model_fit_groups_female <- lavaan::sem(
  model = model_sem,
  data = df_groups %>% filter(gender == "Female"),
  estimator = "WLSMV",
  ordered = names(raw_data)
)
```

Warning in lav_object_post_check(object): lavaan WARNING: some estimated ov
variances are negative

standardizedSolution(model_fit_groups_female)

```
##
                                                              rhs est.std
## 1
                                                              pe1
                                                                     0.869 0.055
          performance.expectancy
## 2
          performance.expectancy
                                                              pe2
                                                                     0.942 0.028
## 3
          performance.expectancy
                                                                     0.986 0.025
                                                              pe3
## 4
                effort.expectancy
                                                                     0.945 0.026
                                                              ee1
## 5
                effort.expectancy
                                                                     0.976 0.023
                                    =~
                                                              ee2
## 6
                effort.expectancy
                                                                     0.923 0.031
                                                              ee3
## 7
                effort.expectancy
                                                                     0.889 0.036
                                    =~
                                                              ee4
## 8
                                                                     0.933 0.022
                 social.influence
                                                              si1
## 9
                 social.influence
                                                              si2
                                                                     0.953 0.019
## 10
                 social.influence
                                                              si3
                                                                     0.986 0.014
                                                                     0.906 0.056
## 11
         facilitating.conditions
                                                              fc1
                                                                     0.947 0.048
## 12
         facilitating.conditions
                                                              fc2
## 13
         facilitating.conditions
                                                              fc3
                                                                    0.765 0.068
## 14
         facilitating.conditions
                                                              fc4
                                                                     0.568 0.087
              hedonic.motivation
                                                                     0.970 0.014
## 15
                                                              hm1
## 16
              hedonic.motivation
                                                              hm2
                                                                     0.973 0.012
## 17
              hedonic.motivation
                                                              hm3
                                                                     0.987 0.012
## 18
                            habit
                                                              ht.1
                                                                     0.945 0.040
## 19
                            habit
                                                              ht2
                                                                     0.736 0.058
## 20
                                                                     0.929 0.038
                            habit
                                                              ht.3
## 21
                   learning.value
                                                              lv1
                                                                     0.630 0.079
                                                                     0.898 0.040
## 22
                   learning.value
                                                              1772
## 23
                   learning.value
                                                              1v3
                                                                     0.942 0.031
## 24
       technology.innovativeness
                                                                     0.945 0.032
                                                              ti1
       technology.innovativeness
                                                                     0.786 0.049
                                                              ti2
## 26
       technology.innovativeness
                                                              ti3
                                                                     0.890 0.037
## 27
                                                                     0.877 0.027
               attitude.strength
                                                              as1
## 28
                                                                     0.830 0.047
               attitude.strength
                                                              as2
## 29
               attitude.strength
                                                              as3
                                                                     0.886 0.036
## 30
              behavior.intention
                                                              bi1
                                                                     1.031 0.058
              behavior.intention
## 31
                                                              bi2
                                                                     0.928 0.033
## 32
                                                                     1.025 0.035
              behavior.intention
                                                              bi3
## 33
                                               attitude.strength
                                                                     0.877 0.042
          performance.expectancy
## 34
                effort.expectancy
                                               attitude.strength
                                                                     0.949 0.024
## 35
                social.influence
                                               attitude.strength
                                                                     0.786 0.045
## 36
         facilitating.conditions
                                               attitude.strength
                                                                     0.906 0.043
              hedonic.motivation
## 37
                                                                     0.849 0.037
                                               attitude.strength
## 38
                            habit
                                               attitude.strength
                                                                     0.875 0.035
## 39
                   learning.value
                                               attitude.strength
                                                                     0.937 0.033
## 40
       technology.innovativeness
                                               attitude.strength
                                                                     0.930 0.028
## 41
              behavior.intention
                                                                     0.223 0.238
                                          performance.expectancy
```

```
## 42
               behavior.intention
                                               effort.expectancy
                                                                    0.148 0.410
## 43
              behavior.intention
                                                social.influence
                                                                  -0.237 0.160
              behavior.intention
                                         facilitating.conditions
                                                                    0.493 0.281
## 44
## 45
              behavior.intention
                                              hedonic.motivation
                                                                    0.425 0.162
## 46
              behavior.intention
                                                            habit
                                                                    0.266 0.289
## 47
              behavior.intention
                                                                   -0.426 0.331
                                                  learning.value
## 48
              behavior.intention
                                                                   -0.132 0.406
                                       technology.innovativeness
## 49
                                                                   -1.709 0.175
                              pe1
                                                               t1
## 50
                              pe1
                                                               t2
                                                                   -1.181 0.129
## 51
                                                                   -2.080 0.235
                              pe2
                                                               t1
## 52
                              pe2
                                                               t2
                                                                   -0.911 0.116
## 53
                                                                   -1.709 0.175
                                                               t1
                              pe3
## 54
                                                                   -0.674 0.108
                              pe3
                                                               t2
## 55
                                                                   -1.645 0.168
                              ee1
                                                               t1
## 56
                                                               t2
                                                                   -1.036 0.121
                              ee1
                                                                   -1.587 0.161
## 57
                              ee2
                                                               t1
## 58
                                                               t2
                                                                   -1.181 0.129
                              ee2
## 59
                              ee3
                                                               t1
                                                                   -1.645 0.168
## 60
                                                               t2
                                                                   -1.036 0.121
                              ee3
## 61
                                                                   -1.780 0.184
                              ee4
## 62
                              ee4
                                                               t2
                                                                   -0.935 0.117
## 63
                              si1
                                                                   -1.092 0.124
## 64
                                                                   -0.419 0.103
                              si1
                                                               t2
## 65
                              si2
                                                               t1
                                                                   -0.959 0.118
                                                               t2
## 66
                                                                   -0.335 0.101
                              si2
## 67
                              si3
                                                               t1
                                                                   -1.036 0.121
                                                               t2
## 68
                              si3
                                                                   -0.471 0.104
## 69
                              fc1
                                                                   -2.080 0.235
                                                               t1
## 70
                                                                   -1.282 0.136
                              fc1
                                                               t2
## 71
                                                                   -1.7800.184
                              fc2
                                                               t1
## 72
                                                                   -1.121 0.126
                              fc2
                                                               t2
## 73
                              fc3
                                                               t1
                                                                   -1.780 0.184
## 74
                                                                   -0.864 0.114
                              fc3
                                                               t2
## 75
                              fc4
                                                                   -1.121 0.126
                                                               t1
## 76
                              fc4
                                                               t2
                                                                   -0.561 0.105
                                                               t1
## 77
                              hm1
                                                                   -1.318 0.138
## 78
                              hm1
                                                               t2
                                                                   -0.402 0.102
## 79
                              hm2
                                                               t1
                                                                   -1.318 0.138
                                                                   -0.507 0.104
## 80
                              hm2
                                                               t2
## 81
                              hm3
                                                                   -1.181 0.129
                                                               t1
## 82
                              hm3
                                                                   -0.471 0.104
## 83
                              ht1
                                                               t1
                                                                   -1.534 0.156
## 84
                              ht1
                                                                   -0.755 0.110
## 85
                              ht2
                                                                   -0.735 0.110
                                                               t1
## 86
                              ht2
                                                               t2
                                                                    0.031 0.099
## 87
                              ht3
                                                                   -0.887 0.115
                                                               t1
## 88
                                                                   -0.221 0.100
                              ht3
                                                               t2
## 89
                                                                   -1.036 0.121
                              lv1
                                                               t1
                                                                  -0.335 0.101
## 90
                              lv1
                                                               t2
## 91
                                                                   -1.534 0.156
                              lv2
                                                               t1
## 92
                              1v2
                                                               t2
                                                                   -0.776 0.111
## 93
                                                                   -1.587 0.161
                              lv3
                                                               t1
                              lv3
## 94
                                                               t2 -0.935 0.117
## 95
                              ti1
                                                                   -1.645 0.168
```

##	96	ti1	- 1	t2	-0.887 0.115
##	97	ti2		t1	-0.842 0.113
##	98	ti2		t2	-0.189 0.100
##	99	ti3		t1	-1.485 0.152
##	100	ti3		t2	-0.617 0.107
##	101	as1		t1	-1.534 0.156
##	102	as1		t2	-0.436 0.103
##	103	as2		t1	-1.587 0.161
##	104	as2		t2	-0.755 0.110
	105	as3		t1	-1.709 0.175
	106	as3		t2	-0.959 0.118
	107	bi1	- 1	t1	-1.863 0.196
	108	bi1	- 1	t2	-1.318 0.138
	109	bi2	- 1	t1	-1.709 0.175
	110	bi2		t2	-0.911 0.116
	111	bi3		t1	-1.485 0.152
	112	bi3		t2	-1.150 0.127
	113	pe1	~ ~	pe1	0.245 0.095
	114	pe2	~ ~	pe2	0.113 0.053
	115	pe3	~ ~	pe3	0.028 0.049
	116	ee1	~ ~	ee1	0.107 0.049
	117	ee2	~ ~	ee2	0.048 0.045
	118	ee3	~ ~	ee3	0.148 0.057
	119	ee4	~ ~	ee4	0.209 0.064
	120	si1	~ ~	si1	0.129 0.041
	121	si2	~ ~	si2	0.092 0.036
	122	si3	~ ~	si3	0.029 0.028
	123	fc1	~ ~	fc1	0.178 0.101
	124	fc2	~~	fc2	0.103 0.090
	125	fc3	~~	fc3	0.414 0.103
	126	fc4	~~	fc4	0.678 0.099
	127 128	hm1	~~	hm1 hm2	0.059 0.027 0.053 0.024
	129	hm2 hm3	~~	hm3	0.033 0.024
	130	ht1	~~	ht1	0.108 0.075
	131	ht2	~~	ht2	0.459 0.085
	132	ht3	~ ~	ht3	0.136 0.070
	133	lv1	~~	lv1	0.602 0.099
	134	lv2	~ ~	lv2	0.194 0.071
	135	lv3	~~	lv3	0.112 0.059
	136	ti1	~ ~	ti1	0.107 0.061
	137	ti2	~ ~	ti2	0.382 0.077
	138	ti3	~ ~	ti3	0.207 0.066
	139	as1	~~	as1	0.232 0.048
	140	as2	~ ~	as2	0.312 0.079
	141	as3	~ ~	as3	0.215 0.064
	142	bi1	~ ~	bi1	-0.063 0.119
	143	bi2	~ ~	bi2	0.139 0.062
	144	bi3	~ ~	bi3	-0.051 0.072
	145	performance.expectancy	~ ~	performance.expectancy	0.231 0.073
	146	effort.expectancy	~ ~	effort.expectancy	0.099 0.045
	147	social.influence	~ ~	social.influence	0.382 0.070
##	148	facilitating.conditions	~ ~	facilitating.conditions	0.179 0.077
##	149	hedonic.motivation	~ ~	hedonic.motivation	0.279 0.063

	150	habit	~ ~	habit	0.234 0.062
	151	learning.value	~~	learning.value	0.122 0.062
		technology.innovativeness		technology.innovativeness	0.136 0.052
	153	attitude.strength	~~	attitude.strength	1.000 0.000
	154	behavior.intention	. ~ ~	behavior.intention	0.382 0.111
	155	pe1		pe1	1.000 0.000
	156	pe2		pe2	1.000 0.000
	157	pe3 ee1		pe3	1.000 0.000 1.000 0.000
	158 159	ee1 ee2		ee1 ee2	1.000 0.000
	160	ee2		ee2	1.000 0.000
	161	ee4		ee4	1.000 0.000
	162	si1		si1	1.000 0.000
	163	si2		si2	1.000 0.000
	164	si3		si3	1.000 0.000
	165	fc1		fc1	1.000 0.000
	166	fc2		fc2	1.000 0.000
	167	fc3	~*~	fc3	1.000 0.000
	168	fc4	~*~	fc4	1.000 0.000
##	169	hm1	~*~	hm1	1.000 0.000
##	170	hm2	~*~	hm2	1.000 0.000
##	171	hm3	~*~	hm3	1.000 0.000
##	172	ht1	~*~	ht1	1.000 0.000
##	173	ht2	~*~	ht2	1.000 0.000
##	174	ht3	~*~	ht3	1.000 0.000
	175	lv1		lv1	1.000 0.000
	176	1v2		1v2	1.000 0.000
	177	lv3		lv3	1.000 0.000
	178	ti1		ti1	1.000 0.000
	179	ti2		ti2	1.000 0.000
	180	ti3		ti3	1.000 0.000
	181	as1 as2		as1 as2	1.000 0.000
	182	as2 as3		as2	1.000 0.000
	183 184	bi1		bi1	1.000 0.000 1.000 0.000
	185	bi2		bi2	1.000 0.000
	186	bi3		bi3	1.000 0.000
	187	pe1	~1	513	0.000 0.000
	188	pe2	~1		0.000 0.000
	189	pe3	~1		0.000 0.000
	190	ee1	~1		0.000 0.000
	191	ee2	~1		0.000 0.000
	192	ee3	~1		0.000 0.000
	193	ee4	~1		0.000 0.000
	194	si1	~1		0.000 0.000
	195	si2	~1		0.000 0.000
	196	si3	~1		0.000 0.000
	197	fc1	~1		0.000 0.000
	198	fc2	~1		0.000 0.000
	199	fc3	~1		0.000 0.000
	200	fc4	~1		0.000 0.000
	201	hm1	~1		0.000 0.000
##	202	hm2	~1		0.000 0.000
##	203	hm3	~1		0.000 0.000

##	204			ht1	~1
##	205			ht2	~1
	206			ht3	~1
	207			lv1	~1
	208			1v2	~1
	209			1v3	~1
	210			ti1	~1
	211			ti2	~1
	212			ti3	~1
	213			as1	~1
	214			as2	~1
	215			as3	~1
##	216			bi1	~1
##	217			bi2	~1
	218			bi3	~1
	219	nert	formance	expectancy	~1
		herr		-	
	220			expectancy	~1
	221	_		L.influence	~1
	222	facil	_	conditions	~1
##	223		hedonic.	motivation	~1
##	224			habit	~1
##	225		lear	ning.value	~1
##		technol		vativeness	~1
	227			le.strength	~1
##	228			.intention	~1
	220	_			
##			_	ci.lower ci	
##	1	15.835	0.000	0.762	0.977
##	2	33.208	0.000	0.886	0.997
##	3	39.400	0.000	0.937	1.035
##	4	36.471	0.000	0.894	0.996
##	5	42.131	0.000	0.930	1.021
##	6	29.671	0.000	0.862	0.984
##	7	24.736	0.000	0.819	0.960
##	8	42.741	0.000	0.890	0.976
##	9	49.984	0.000	0.915	0.990
##	10	68.324	0.000	0.957	1.014
##	11	16.296	0.000	0.797	1.015
##	12	19.874	0.000	0.854	1.040
##	13	11.326	0.000	0.633	0.898
##	14	6.500	0.000	0.396	0.739
	15	70.679	0.000	0.943	0.997
	16	78.484	0.000	0.949	0.998
	17	84.859	0.000	0.964	1.010
	18	23.763	0.000	0.867	1.023
	19	12.699	0.000	0.622	0.849
	20	24.570	0.000	0.855	1.004
##	21	8.000	0.000	0.476	0.785
##	22	22.689	0.000	0.820	0.976
##		30.228	0.000	0.881	1.004
			0.000	J. J. L	1
##		29 245	0 000		1 000
	24	29.245	0.000	0.882	1.009
##	24 25	16.074	0.000	0.882 0.690	0.882
## ##	242526	16.074 23.931	0.000	0.882 0.690 0.817	0.882 0.963
## ## ##	24 25	16.074	0.000	0.882 0.690	0.882

```
## 29
       24.478
                0.000
                          0.815
                                    0.957
                0.000
## 30
       17.911
                          0.918
                                    1.144
##
  31
       27.763
                0.000
                          0.862
                                    0.993
       29.400
                0.000
                          0.957
                                    1.094
##
  32
##
   33
       20.948
                0.000
                          0.795
                                    0.959
   34
                0.000
                          0.903
##
       39.769
                                    0.996
       17.529
                0.000
                                    0.874
##
  35
                          0.698
## 36
       21.221
                0.000
                          0.822
                                    0.990
## 37
       22.977
                0.000
                          0.777
                                    0.922
##
  38
       24.849
                0.000
                          0.806
                                    0.944
##
   39
       28.446
                0.000
                          0.872
                                    1.002
       32.972
                0.000
                          0.874
                                    0.985
##
   40
##
  41
        0.934
                0.350
                         -0.245
                                    0.690
                                    0.951
##
  42
        0.361
                0.718
                         -0.656
       -1.479
                0.139
                         -0.551
                                    0.077
## 43
## 44
        1.754
                0.079
                         -0.058
                                    1.045
        2.618
                0.009
                                    0.743
## 45
                          0.107
##
   46
        0.921
                0.357
                         -0.301
                                    0.833
       -1.286
                0.198
                                    0.223
##
  47
                         -1.075
##
   48
       -0.325
                0.745
                         -0.928
                                    0.664
##
  49
       -9.761
                0.000
                         -2.052
                                   -1.366
## 50
       -9.143
                0.000
                         -1.434
                                   -0.928
                0.000
                                   -1.620
## 51
       -8.864
                         -2.540
       -7.855
                0.000
                                   -0.683
## 52
                         -1.138
## 53
       -9.761
                0.000
                         -2.052
                                   -1.366
##
  54
       -6.242
                0.000
                         -0.886
                                   -0.463
       -9.815
                0.000
                         -1.973
                                   -1.316
##
   55
                0.000
##
   56
       -8.534
                         -1.274
                                   -0.798
   57
       -9.835
                0.000
                         -1.903
                                   -1.271
##
## 58
       -9.143
                0.000
                         -1.434
                                   -0.928
## 59
       -9.815
                0.000
                         -1.973
                                   -1.316
##
  60
       -8.534
                0.000
                         -1.274
                                   -0.798
##
   61
       -9.662
                0.000
                         -2.142
                                   -1.419
       -7.995
                0.000
                         -1.164
                                   -0.705
##
  62
                         -1.335
##
   63
       -8.788
                0.000
                                   -0.848
       -4.085
                0.000
                         -0.620
##
   64
                                   -0.218
##
  65
       -8.133
                0.000
                         -1.190
                                   -0.728
       -3.304
                0.001
                         -0.534
                                   -0.136
## 66
       -8.534
                0.000
                         -1.274
                                   -0.798
## 67
       -4.552
                0.000
                         -0.674
                                   -0.268
## 68
       -8.864
                0.000
                         -2.540
                                   -1.620
##
  69
       -9.453
                0.000
                         -1.547
                                   -1.016
##
   70
                0.000
##
   71
       -9.662
                         -2.142
                                   -1.419
                0.000
##
  72
       -8.910
                         -1.367
                                   -0.874
                0.000
## 73
       -9.662
                         -2.142
                                   -1.419
## 74
       -7.572
                0.000
                         -1.088
                                   -0.640
## 75
       -8.910
                0.000
                         -1.367
                                   -0.874
                0.000
                                   -0.354
##
  76
       -5.326
                         -0.767
##
   77
       -9.543
                0.000
                         -1.589
                                   -1.047
##
   78
       -3.929
                0.000
                         -0.603
                                   -0.202
                                   -1.047
  79
       -9.543
                0.000
##
                         -1.589
## 80
       -4.862
                0.000
                         -0.711
                                   -0.302
## 81
       -9.143
                0.000
                         -1.434
                                   -0.928
## 82
       -4.552
                0.000
                         -0.674
                                   -0.268
```

```
-1.840
                                  -1.228
## 83
       -9.828
                0.000
                0.000
## 84
       -6.841
                         -0.972
                                  -0.539
## 85
       -6.692
                                  -0.520
                0.000
                         -0.950
## 86
        0.315
                0.753
                         -0.164
                                   0.226
##
  87
       -7.714
                0.000
                         -1.113
                                  -0.662
       -2.205
                0.027
## 88
                         -0.418
                                  -0.025
       -8.534
                0.000
                                  -0.798
## 89
                         -1.274
## 90
       -3.304
                0.001
                        -0.534
                                  -0.136
## 91
       -9.828
                0.000
                         -1.840
                                  -1.228
                0.000
## 92
       -6.989
                         -0.994
                                  -0.559
## 93
       -9.835
                0.000
                         -1.903
                                  -1.271
       -7.995
                0.000
                                  -0.705
##
  94
                         -1.164
                0.000
##
  95
       -9.815
                         -1.973
                                  -1.316
       -7.714
                0.000
## 96
                         -1.113
                                  -0.662
## 97
       -7.428
                0.000
                         -1.064
                                  -0.620
## 98
       -1.890
                0.059
                         -0.385
                                   0.007
       -9.801
                0.000
                         -1.782
## 99
                                  -1.188
## 100 -5.786
                0.000
                        -0.825
                                  -0.408
## 101 -9.828
                0.000
                                  -1.228
                         -1.840
## 102 -4.241
                0.000
                        -0.638
                                  -0.235
## 103 -9.835
                0.000
                         -1.903
                                  -1.271
## 104 -6.841
                0.000
                         -0.972
                                  -0.539
## 105 -9.761
                0.000
                         -2.052
                                  -1.366
## 106 -8.133
                0.000
                                  -0.728
                         -1.190
## 107 -9.501
                0.000
                         -2.247
                                  -1.478
## 108 -9.543
                0.000
                         -1.589
                                  -1.047
## 109 -9.761
                0.000
                         -2.052
                                  -1.366
## 110 -7.855
                0.000
                        -1.138
                                  -0.683
                        -1.782
## 111 -9.801
                0.000
                                  -1.188
## 112 -9.029
                0.000
                         -1.400
                                  -0.901
## 113
        2.565
                0.010
                          0.058
                                   0.432
## 114
        2.113
                0.035
                         0.008
                                   0.218
## 115
        0.559
                0.576
                         -0.069
                                   0.124
                0.029
                         0.011
                                   0.203
## 116
        2.181
## 117
        1.058
                0.290
                        -0.041
                                   0.136
        2.569
                0.010
                         0.035
                                   0.260
## 118
## 119
        3.275
                0.001
                          0.084
                                   0.335
## 120
        3.171
                0.002
                          0.049
                                   0.209
## 121
        2.544
                0.011
                         0.021
                                   0.164
## 122
        1.011
                0.312
                                   0.084
                         -0.027
## 123
        1.769
                0.077
                         -0.019
                                   0.376
  124
        1.146
                0.252
                         -0.073
                                   0.280
##
        4.002
                0.000
## 125
                         0.211
                                   0.617
                0.000
## 126
        6.839
                          0.484
                                   0.872
        2.222
                0.026
                          0.007
## 127
                                   0.111
## 128
        2.180
                0.029
                          0.005
                                   0.100
## 129
        1.112
                0.266
                         -0.019
                                   0.071
                0.152
                         -0.040
## 130
        1.433
                                   0.255
## 131
        5.381
                0.000
                         0.292
                                   0.626
##
  132
        1.935
                0.053
                         -0.002
                                   0.274
## 133
        6.063
                0.000
                         0.408
                                   0.797
## 134
        2.724
                0.006
                          0.054
                                   0.333
## 135
        1.903
                0.057
                         -0.003
                                   0.227
## 136
        1.745
                0.081
                         -0.013
                                   0.226
```

##	137	4.976	0.000	0.232	0.533
##	138	3.131	0.002	0.078	0.337
##	139	4.829	0.000	0.138	0.325
##	140	3.959	0.000	0.157	0.466
##	141	3.352	0.001	0.089	0.341
##	142	-0.532	0.595	-0.296	0.170
##	143	2.246	0.025	0.018	0.261
##	144	-0.719	0.472	-0.192	0.089
##	145	3.139	0.002	0.087	0.375
##	146	2.176	0.030	0.010	0.187
##	147	5.425	0.000	0.244	0.520
##	148	2.311	0.021	0.027	0.331
##	149	4.437	0.000	0.156	0.402
##	150	3.793	0.000	0.113	0.355
##	151	1.975	0.048	0.001	0.243
##		2.591	0.010	0.033	0.239
	152				
##	153	NA	NA	1.000	1.000
##	154	3.440	0.001	0.164	0.600
##	155	NA	NA	1.000	1.000
##	156	NA	NA	1.000	1.000
##	157	NA	NA	1.000	1.000
##	158	NA	NA	1.000	1.000
##	159	NA	NA	1.000	1.000
##	160	NA	NA	1.000	1.000
##	161	NA	NA	1.000	1.000
##	162	NA	NA	1.000	1.000
##	163	NA	NA	1.000	1.000
##	164	NA	NA	1.000	1.000
##	165	NA	NA	1.000	1.000
##	166	NA	NA	1.000	1.000
##	167	NA	NA	1.000	1.000
##	168	NA	NA	1.000	1.000
##	169	NA	NA	1.000	1.000
##	170	NA	NA	1.000	1.000
##	171	NA	NA	1.000	1.000
##	172	NA	NA	1.000	1.000
##	173	NA	NA	1.000	1.000
##	174	NA	NA	1.000	1.000
##	175	NA	NA	1.000	1.000
##	176	NA	NA	1.000	1.000
##	177	NA	NA	1.000	1.000
##	178	NA	NA	1.000	1.000
##	179	NA	NA	1.000	1.000
##	180	NA	NA	1.000	1.000
##	181	NA	NA	1.000	1.000
##	182	NA	NA	1.000	1.000
##	183	NA	NA	1.000	1.000
##	184	NA	NA	1.000	1.000
##	185	NA	NA	1.000	1.000
##	186	NA	NA	1.000	1.000
##	187	NA	NA	0.000	0.000
##	188	NA	NA	0.000	0.000
##	189	NA	NA	0.000	0.000
##	190	NA	NA	0.000	0.000

```
## 191
           NA
                   NA
                          0.000
                                   0.000
## 192
           NA
                   NA
                          0.000
                                   0.000
## 193
           NA
                   NA
                          0.000
                                   0.000
## 194
                                   0.000
           NA
                   NA
                          0.000
## 195
           NA
                   NA
                          0.000
                                   0.000
## 196
           NA
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                   NA
## 197
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                   NA
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## 198
           NA
                   NA
                          0.000
                                   0.000
           NA
## 199
                   NA
                          0.000
                                   0.000
## 200
           NA
                                   0.000
                   NA
                          0.000
## 201
           NA
                   NA
                          0.000
                                   0.000
## 202
           NA
                          0.000
                                   0.000
                   NA
## 203
                          0.000
           NA
                   NA
                                   0.000
## 204
           NA
                          0.000
                                   0.000
                   NA
## 205
           NA
                   NA
                          0.000
                                   0.000
## 206
           NA
                   NA
                          0.000
                                   0.000
## 207
           NA
                          0.000
                                   0.000
                   NA
## 208
           NA
                   NA
                          0.000
                                   0.000
## 209
           NA
                          0.000
                                   0.000
                   NA
## 210
           NA
                   NA
                          0.000
                                   0.000
## 211
           NA
                   NA
                          0.000
                                   0.000
## 212
           NA
                   NA
                          0.000
                                   0.000
## 213
           NA
                          0.000
                                   0.000
                   NA
## 214
           NA
                   NA
                          0.000
                                   0.000
## 215
           NA
                   NA
                          0.000
                                   0.000
## 216
           NA
                   NA
                          0.000
                                   0.000
## 217
           NA
                   NA
                          0.000
                                   0.000
## 218
           NA
                          0.000
                                   0.000
                   NA
## 219
           NA
                   NA
                          0.000
                                   0.000
## 220
           NA
                   NA
                          0.000
                                   0.000
## 221
           NA
                   NA
                          0.000
                                   0.000
## 222
           NA
                   NA
                          0.000
                                   0.000
## 223
           NA
                   NA
                          0.000
                                   0.000
## 224
           NA
                          0.000
                                   0.000
                   NA
## 225
           NA
                   NA
                          0.000
                                   0.000
## 226
           NA
                          0.000
                                   0.000
                   NA
## 227
           NA
                   NA
                          0.000
                                   0.000
## 228
           NA
                   NA
                          0.000
                                   0.000
fitMeasures(model_fit_groups_female,
             fit.measures = c("chisq",
                    "df",
                    "pvalue",
                    "cfi",
                    "rmsea",
                    "rmsea.ci.lower",
                    "rmsea.ci.upper",
                    "srmr"),
             output = "matrix")
```

```
## chisq 248.200
## df 448.000
## pvalue 1.000
## cfi 1.000
```

```
## rmsea
                     0.000
                     0.000
## rmsea.ci.lower
                     0.000
## rmsea.ci.upper
                     0.061
## srmr
# Male
model_fit_groups_male <- lavaan::sem(</pre>
  model = model_sem,
  data = df_groups %>% filter(gender == "Male"),
  estimator = "WLSMV",
  ordered = names(raw_data),
  group = "gender"
)
standardizedSolution(model_fit_groups_male)
##
                              lhs
                                    op
                                                              rhs est.std
                                                                               se
## 1
          performance.expectancy
                                                              pe1
                                                                     0.891 0.037
## 2
          performance.expectancy
                                                              pe2
                                                                     0.953 0.022
## 3
          performance.expectancy
                                                                     0.928 0.029
                                                              pe3
## 4
                effort.expectancy
                                                              ee1
                                                                     0.837 0.047
## 5
                effort.expectancy
                                                                     0.924 0.034
                                                              ee2
## 6
                effort.expectancy
                                                              ee3
                                                                     0.920 0.027
## 7
                effort.expectancy
                                                              ee4
                                                                     0.906 0.029
## 8
                 social.influence
                                                              si1
                                                                     0.908 0.020
## 9
                 social.influence
                                                                     0.968 0.013
                                                              si2
## 10
                 social.influence
                                                              si3
                                                                     0.974 0.014
## 11
                                                                     0.726 0.073
         facilitating.conditions
                                                              fc1
## 12
         facilitating.conditions
                                                              fc2
                                                                     0.802 0.055
## 13
         facilitating.conditions
                                                                     0.736 0.057
                                                              fc3
## 14
         facilitating.conditions
                                                                     0.620 0.070
                                                              fc4
## 15
              hedonic.motivation
                                                                     0.950 0.012
                                                              hm1
## 16
               hedonic.motivation
                                                              hm2
                                                                     0.981 0.008
## 17
              hedonic.motivation
                                                              hm3
                                                                     0.958 0.014
## 18
                            habit
                                                              ht1
                                                                     0.958 0.024
## 19
                            habit
                                   =~
                                                              ht.2
                                                                     0.857 0.030
## 20
                            habit
                                                              ht3
                                                                     0.867 0.030
## 21
                   learning.value
                                                                     0.801 0.042
                                                              lv1
## 22
                   learning.value
                                                              lv2
                                                                     0.951 0.018
## 23
                   learning.value
                                                              lv3
                                                                     0.939 0.023
## 24
                                                                     0.908 0.034
       technology.innovativeness
                                                              t.i1
## 25
       technology.innovativeness
                                                              ti2
                                                                     0.824 0.036
## 26
       technology.innovativeness
                                                              ti3
                                                                     0.919 0.028
## 27
                attitude.strength
                                                                     0.813 0.035
                                                              as1
## 28
                                                              as2
                                                                     0.860 0.030
                attitude.strength
## 29
                attitude.strength
                                                                     0.847 0.039
                                                              as3
## 30
               behavior.intention
                                                                     0.951 0.034
                                                              hi1
## 31
               behavior.intention
                                                              bi2
                                                                     0.970 0.016
## 32
               behavior.intention
                                                              bi3
                                                                     0.945 0.025
## 33
          performance.expectancy
                                                attitude.strength
                                                                     0.864 0.037
## 34
                effort.expectancy
                                                attitude.strength
                                                                     0.913 0.026
## 35
                 social.influence
                                                attitude.strength
                                                                     0.727 0.040
## 36
         facilitating.conditions
                                                attitude.strength
                                                                     0.930 0.037
## 37
              hedonic.motivation
                                                attitude.strength
                                                                     0.864 0.027
## 38
                            habit
                                                attitude.strength
                                                                     0.907 0.020
```

```
## 39
                   learning.value
                                                attitude.strength
                                                                     0.916 0.023
## 40
       technology.innovativeness
                                                attitude.strength
                                                                     0.880 0.026
                                                                     0.041 0.178
## 41
               behavior.intention
                                          performance.expectancy
## 42
               behavior.intention
                                                effort.expectancy
                                                                     0.378 0.204
## 43
               behavior.intention
                                                 social.influence
                                                                     0.103 0.116
## 44
               behavior.intention
                                         facilitating.conditions
                                                                    -0.484 0.336
## 45
               behavior.intention
                                              hedonic.motivation
                                                                     0.459 0.131
## 46
               behavior.intention
                                                                     0.131 0.204
                                                            habit
## 47
               behavior.intention
                                                   learning.value
                                                                     0.153 0.184
## 48
               behavior.intention
                                       technology.innovativeness
                                                                     0.170 0.164
## 49
                                                                    -1.797 0.149
                              pe1
                                                                t1
## 50
                                                                t2
                                                                    -1.078 0.099
                              pe1
## 51
                                                                t1
                                                                    -1.5200.124
                              pe2
## 52
                                                                t2
                                                                    -0.882 0.092
                              pe2
## 53
                                                                t1
                                                                    -1.489 0.122
                              pe3
                                                                t2
## 54
                              pe3
                                                                    -0.703 0.087
## 55
                                                                    -1.850 0.155
                              ee1
                                                                t1
## 56
                               ee1
                                                                t2
                                                                    -1.078 0.099
## 57
                                                                    -1.749 0.144
                              ee2
                                                                t1
## 58
                               ee2
                                                                    -1.153 0.102
## 59
                               ee3
                                                                t1
                                                                    -1.976 0.172
## 60
                               ee3
                                                                    -0.944 0.094
## 61
                                                                    -1.797 0.149
                                                                t1
                               ee4
## 62
                                                                    -0.959 0.094
                               ee4
## 63
                                                                    -1.096 0.100
                              si1
                                                                t1
## 64
                              si1
                                                                t2
                                                                   -0.198 0.080
## 65
                              si2
                                                                t1
                                                                   -0.839 0.091
   66
                                                                   -0.126 0.080
##
                              si2
                                                                t1
                                                                    -1.008 0.096
## 67
                              si3
## 68
                              si3
                                                                t2
                                                                   -0.177 0.080
                                                                    -1.850 0.155
## 69
                              fc1
                                                                t1
## 70
                              fc1
                                                                t2
                                                                    -1.279 0.108
## 71
                                                                    -1.909 0.163
                              fc2
                                                                t1
                                                                t2
## 72
                              fc2
                                                                   -0.913 0.093
## 73
                               fc3
                                                                    -1.624 0.132
                                                                t2
## 74
                              fc3
                                                                    -0.628 0.086
## 75
                              fc4
                                                                    -0.882 0.092
## 76
                              fc4
                                                                t2
                                                                    -0.431 0.082
## 77
                                                                    -1.214 0.105
                              hm1
## 78
                              hm1
                                                                t2
                                                                    -0.533 0.084
## 79
                              hm2
                                                                    -1.279 0.108
## 80
                              hm2
                                                                t2
                                                                   -0.442 0.082
## 81
                              hm3
                                                                    -1.235 0.106
## 82
                              hm3
                                                                t2
                                                                   -0.376 0.082
## 83
                              ht1
                                                                    -1.193 0.104
                                                                t1
## 84
                                                                    -0.580 0.085
                              ht1
                                                                t2
## 85
                                                                    -0.665 0.086
                              ht2
                                                                t1
## 86
                              ht2
                                                                t2
                                                                     0.045 0.080
## 87
                              ht3
                                                                t1
                                                                    -0.839 0.091
## 88
                                                                    -0.136 0.080
                              ht3
## 89
                              lv1
                                                                    -1.115 0.100
                                                                t1
## 90
                                                                t2
                                                                   -0.228 0.080
                              lv1
## 91
                              lv2
                                                                t1
                                                                    -1.403 0.116
## 92
                                                                   -0.544 0.084
                               lv2
```

##	93	lv3	I	t1	-1.553 0.126
##	94	lv3	- 1	t2	-0.769 0.089
##	95	ti1	- 1	t1	-1.403 0.116
##	96	ti1	- 1	t2	-0.853 0.091
##	97	ti2	- 1	t1	-0.716 0.087
##	98	ti2	- 1	t2	0.065 0.080
##	99	ti3	- 1	t1	-1.257 0.107
##	100	ti3	- 1	t2	-0.580 0.085
##	101	as1	- 1	t1	-1.279 0.108
##	102	as1	-	t2	-0.270 0.081
##	103	as2	-	t1	-1.326 0.111
##	104	as2	- 1	t2	-0.690 0.087
##	105	as3	- 1	t1	-1.749 0.144
##	106	as3	- 1	t2	-0.913 0.093
	107	bi1	- 1	t1	-1.749 0.144
	108	bi1	- 1	t2	-1.078 0.099
	109	bi2	- 1	t1	-1.749 0.144
	110	bi2	I	t2	-1.060 0.098
	111	bi3	I	t1	-1.797 0.149
	112	bi3	I	t2	-1.078 0.099
	113	pe1	~ ~	pe1	0.207 0.067
	114	pe2	~ ~	pe2	0.091 0.043
	115	pe3	~ ~	pe3	0.139 0.053
	116	ee1	~ ~	ee1	0.300 0.079
	117	ee2	~ ~	ee2	0.146 0.063
	118	ee3	~ ~	ee3	0.153 0.050
	119	ee4	~ ~	ee4	0.178 0.052
	120	si1	~ ~	si1	0.176 0.037
	121	si2	~ ~	si2	0.062 0.025
	122	si3	~~	si3	0.052 0.027
	123 124	fc1	~~	fc1	0.473 0.106 0.357 0.089
	125	fc2 fc3	~~	fc2 fc3	0.459 0.084
	126	fc4	~~	fc4	0.615 0.086
	127	hm1	~~	hm1	0.097 0.023
	128	hm2	~~	hm2	0.037 0.025
	129	hm3	~~	hm3	0.082 0.026
	130	ht1	~~	ht1	0.083 0.046
	131	ht2	~~	ht2	0.266 0.052
	132	ht3	~~	ht3	0.249 0.053
	133	lv1	~~	lv1	0.358 0.067
	134	lv2	~ ~	1v2	0.096 0.034
	135	lv3	~ ~	lv3	0.118 0.043
	136	ti1	~ ~	ti1	0.176 0.061
##	137	ti2	~ ~	ti2	0.321 0.060
##	138	ti3	~ ~	ti3	0.156 0.052
##	139	as1	~ ~	as1	0.339 0.057
##	140	as2	~~	as2	0.260 0.052
##	141	as3	~ ~	as3	0.283 0.066
##	142	bi1	~ ~	bi1	0.096 0.065
##	143	bi2	~ ~	bi2	0.059 0.032
##	144	bi3	~ ~	bi3	0.106 0.048
##	145	performance.expectancy	~ ~	performance.expectancy	0.253 0.063
##	146	effort.expectancy	~ ~	effort.expectancy	0.167 0.048

```
## 147
                social.influence ~~
                                               social.influence
                                                                  0.471 0.058
## 148
         facilitating.conditions ~~
                                       facilitating.conditions
                                                                  0.135 0.069
## 149
                                                                 0.254 0.047
              hedonic.motivation ~~
                                         hedonic.motivation
## 150
                                                                  0.177 0.037
                           habit
                                                          habit
## 151
                  learning.value
                                                 learning.value
                                                                  0.160 0.043
## 152 technology.innovativeness
                                 ~~ technology.innovativeness
                                                                  0.225 0.047
## 153
               attitude.strength
                                             attitude.strength
                                                                  1.000 0.000
## 154
              behavior.intention ~~
                                                                  0.216 0.075
                                            behavior.intention
## 155
                             pe1 ~*~
                                                            pe1
                                                                  1.000 0.000
## 156
                             pe2 ~*~
                                                                  1.000 0.000
                                                            pe2
## 157
                             pe3 ~*~
                                                            pe3
                                                                  1.000 0.000
## 158
                             ee1 ~*~
                                                                  1.000 0.000
                                                            ee1
## 159
                                                                  1.000 0.000
                             ee2 ~*~
                                                            ee2
## 160
                             ee3 ~*~
                                                            ee3
                                                                  1.000 0.000
## 161
                             ee4 ~*~
                                                                  1.000 0.000
                                                            ee4
## 162
                             si1 ~*~
                                                            si1
                                                                  1.000 0.000
## 163
                             si2 ~*~
                                                            si2
                                                                  1.000 0.000
## 164
                            si3 ~*~
                                                                  1.000 0.000
                                                            si3
## 165
                            fc1 ~*~
                                                            fc1
                                                                  1.000 0.000
## 166
                             fc2 ~*~
                                                            fc2
                                                                  1.000 0.000
                            fc3 ~*~
## 167
                                                            fc3
                                                                  1.000 0.000
## 168
                            fc4 ~*~
                                                            fc4
                                                                  1.000 0.000
## 169
                            hm1 ~*~
                                                                  1.000 0.000
                                                            hm1
## 170
                             hm2 ~*~
                                                            hm2
                                                                  1.000 0.000
                            hm3 ~*~
## 171
                                                            hm3
                                                                  1.000 0.000
## 172
                            ht1 ~*~
                                                            ht1
                                                                  1.000 0.000
                            ht2 ~*~
## 173
                                                            ht2
                                                                  1.000 0.000
## 174
                             ht3 ~*~
                                                            ht3
                                                                  1.000 0.000
                             lv1 ~*~
## 175
                                                            lv1
                                                                  1.000 0.000
## 176
                             lv2 ~*~
                                                            lv2
                                                                  1.000 0.000
## 177
                             lv3 ~*~
                                                            lv3
                                                                  1.000 0.000
## 178
                             ti1 ~*~
                                                            ti1
                                                                  1.000 0.000
## 179
                            ti2 ~*~
                                                            ti2
                                                                  1.000 0.000
## 180
                             ti3 ~*~
                                                            ti3
                                                                  1.000 0.000
## 181
                             as1 ~*~
                                                            as1
                                                                  1.000 0.000
## 182
                             as2 ~*~
                                                            as2
                                                                  1.000 0.000
## 183
                            as3 ~*~
                                                            as3
                                                                  1.000 0.000
## 184
                            bi1 ~*~
                                                            bi1
                                                                  1.000 0.000
## 185
                             bi2 ~*~
                                                            bi2
                                                                  1.000 0.000
## 186
                            bi3 ~*~
                                                            bi3
                                                                  1.000 0.000
## 187
                            pe1 ~1
                                                                  0.000 0.000
## 188
                             pe2 ~1
                                                                  0.000 0.000
## 189
                             pe3 ~1
                                                                  0.000 0.000
## 190
                             ee1 ~1
                                                                  0.000 0.000
## 191
                             ee2 ~1
                                                                  0.000 0.000
## 192
                             ee3 ~1
                                                                  0.000 0.000
## 193
                             ee4 ~1
                                                                  0.000 0.000
## 194
                             si1 ~1
                                                                  0.000 0.000
## 195
                             si2 ~1
                                                                  0.000 0.000
## 196
                             si3 ~1
                                                                  0.000 0.000
## 197
                             fc1 ~1
                                                                  0.000 0.000
## 198
                             fc2 ~1
                                                                  0.000 0.000
## 199
                            fc3 ~1
                                                                  0.000 0.000
## 200
                             fc4 ~1
                                                                  0.000 0.000
```

	201			hm1	~1	0.000 0.000
	202			hm2	~1	0.000 0.000
	203			hm3	~1	0.000 0.000
	204			ht1	~1	0.000 0.000
##	205			ht2	~1	0.000 0.000
##	206			ht3	~1	0.000 0.000
##	207			lv1	~1	0.000 0.000
##	208			1v2	~1	0.000 0.000
##	209			1v3	~1	0.000 0.000
##	210			ti1	~1	0.000 0.000
	211			ti2	~1	0.000 0.000
	212			ti3	~1	0.000 0.000
	213			as1	~1	0.000 0.000
	214			as2	~1	0.000 0.000
	215			as3	~1	0.000 0.000
	216			bi1	~1	0.000 0.000
	217			bi2	~1	0.000 0.000
	218			bi3	~1	0.000 0.000
		nonfo	~~~~			0.000 0.000
	219	_		expectancy	~1	
	220			expectancy	~1	0.000 0.000
	221			.influence	~1	0.000 0.000
	222		_	conditions	~1	0.000 0.000
	223	h	edonic.	motivation	~1	0.000 0.000
	224			habit	~1	0.000 0.000
	225			ning.value	~1	0.000 0.000
				vativeness	~1	0.000 0.000
##	227		attitud	e.strength	~1	0.000 0.000
				_		
	228	b	ehavior	.intention	~1	0.000 0.000
##		b z	ehavior pvalue	.intention ci.lower ci	~1 .upper	
## ##	1	z 23.824	ehavior pvalue 0.000	.intention ci.lower ci 0.817	~1 .upper 0.964	
## ## ##	1 2	23.824 42.646	ehavior pvalue 0.000 0.000	ci.lower ci 0.817 0.909	~1 .upper	
## ##	1 2	23.824 42.646 32.240	ehavior pvalue 0.000	c.intention ci.lower ci 0.817 0.909 0.871	~1 .upper 0.964	
## ## ## ##	1 2 3 4	23.824 42.646	ehavior pvalue 0.000 0.000	ci.lower ci 0.817 0.909	~1 .upper 0.964 0.997	
## ## ## ##	1 2 3 4	23.824 42.646 32.240	ehavior pvalue 0.000 0.000 0.000	0.817 0.909 0.871 0.744 0.858	~1 .upper 0.964 0.997 0.984	
## ## ## ##	1 2 3 4 5	z 23.824 42.646 32.240 17.665	ehavior pvalue 0.000 0.000 0.000	0.817 0.909 0.871 0.744	~1 .upper 0.964 0.997 0.984 0.930	
## ## ## ## ## ##	1 2 3 4 5	23.824 42.646 32.240 17.665 27.277	ehavior pvalue 0.000 0.000 0.000 0.000	0.817 0.909 0.871 0.744 0.858	~1 .upper 0.964 0.997 0.984 0.930 0.991	
## ## ## ## ## ##	1 2 3 4 5 6 7	23.824 42.646 32.240 17.665 27.277 33.702	ehavior pvalue 0.000 0.000 0.000 0.000 0.000	0.817 0.909 0.871 0.744 0.858 0.867	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974	
## ## ## ## ## ##	1 2 3 4 5 6 7 8	23.824 42.646 32.240 17.665 27.277 33.702 31.593	ehavior pvalue 0.000 0.000 0.000 0.000 0.000 0.000	0.817 0.909 0.871 0.744 0.858 0.867 0.850	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963	
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628	ehavior pvalue 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Cintention ci.lower ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948	
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569	ehavior pvalue 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Cintention Ci.lower Ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994	
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629	ehavior pvalue 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Cintention Ci.lower Ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001	
## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495	ehavior pvalue 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.693	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869	
## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 11 12 13	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495 12.833	ehavior pvalue 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.693 0.623	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869 0.910 0.848	
######################################	1 2 3 4 5 6 7 8 9 10 11 12 13	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495 12.833 8.917	ehavior pvalue 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Cintention Ci.lower Ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.693 0.623 0.484	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869 0.910 0.848 0.756	
######################################	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495 12.833 8.917 80.218	ehavior pvalue 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Cintention Ci.lower Ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.693 0.623 0.484 0.927	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869 0.910 0.848 0.756 0.973	
######################################	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495 12.833 8.917 80.218 118.213	ehavior pvalue 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Cintention Ci.lower Ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.693 0.623 0.484 0.927 0.965	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869 0.910 0.848 0.756 0.973 0.998	
######################################	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495 12.833 8.917 80.218 118.213 70.122	ehavior pvalue 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Cintention Ci.lower Ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.693 0.623 0.484 0.927 0.965 0.931	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869 0.910 0.848 0.756 0.973 0.998 0.985	
######################################	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495 12.833 8.917 80.218 118.213 70.122 39.994	ehavior pvalue 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.693 0.623 0.484 0.927 0.965 0.931	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869 0.910 0.848 0.756 0.973 0.998 0.998 1.004	
#####################	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495 12.833 8.917 80.218 118.213 70.122 39.994 28.221	ehavior pvalue 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Cintention Ci.lower Ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.693 0.623 0.484 0.927 0.965 0.931 0.911 0.797	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869 0.910 0.848 0.756 0.973 0.998 0.998 1.004 0.916	
######################	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495 12.833 8.917 80.218 118.213 70.122 39.994 28.221 28.420	ehavior pvalue 0.000	Cintention Ci.lower Ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.693 0.623 0.484 0.927 0.965 0.931 0.911 0.797 0.807	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869 0.910 0.848 0.756 0.973 0.998 0.998 1.004 0.916 0.926	
########################	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495 12.833 8.917 80.218 118.213 70.122 39.994 28.221 28.420 19.107	ehavior pvalue 0.000	Cintention Ci.lower Ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.693 0.623 0.484 0.927 0.965 0.931 0.797 0.807 0.719	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869 0.910 0.848 0.756 0.973 0.998 0.998 0.995 1.004 0.916 0.926 0.884	
#########################	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495 12.833 8.917 80.218 118.213 70.122 39.994 28.221 28.420 19.107 52.821	ehavior pvalue 0.000	Cintention Ci.lower Ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.693 0.623 0.484 0.927 0.965 0.931 0.911 0.797 0.807 0.719 0.916	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869 0.910 0.848 0.756 0.973 0.998 0.998 1.004 0.916 0.926 0.884 0.986	
#########################	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495 12.833 8.917 80.218 118.213 70.122 39.994 28.221 28.420 19.107 52.821 41.068	ehavior pvalue 0.000	Cintention Ci.lower Ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.623 0.484 0.927 0.965 0.931 0.911 0.797 0.807 0.719 0.916 0.894	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869 0.910 0.848 0.756 0.973 0.998 0.998 1.004 0.916 0.926 0.884 0.986 0.984	
###########################	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	23.824 42.646 32.240 17.665 27.277 33.702 31.593 44.628 73.569 70.629 9.972 14.495 12.833 8.917 80.218 118.213 70.122 39.994 28.221 28.420 19.107 52.821	ehavior pvalue 0.000	Cintention Ci.lower Ci 0.817 0.909 0.871 0.744 0.858 0.867 0.850 0.868 0.943 0.947 0.583 0.693 0.623 0.484 0.927 0.965 0.931 0.911 0.797 0.807 0.719 0.916	~1 .upper 0.964 0.997 0.984 0.930 0.991 0.974 0.963 0.948 0.994 1.001 0.869 0.910 0.848 0.756 0.973 0.998 0.998 1.004 0.916 0.926 0.884 0.986	

##	26	32.342	0.000	0.863	0.974
##	27	23.364	0.000	0.745	0.881
##	28	28.320	0.000	0.801	0.920
##	29	21.812	0.000	0.771	0.923
##	30	28.008	0.000	0.884	1.017
##	31	59.174	0.000	0.938	1.002
##	32	37.280	0.000	0.896	0.995
##	33	23.576	0.000	0.792	0.936
##	34	35.071	0.000	0.862	0.964
##	35	18.324	0.000	0.650	0.805
##	36	25.084	0.000	0.858	1.003
##	37	31.486	0.000	0.810	0.918
##	38	44.549	0.000	0.867	0.947
##	39	39.364	0.000	0.871	0.962
##	40	33.295	0.000	0.829	0.932
##	41	0.229	0.819	-0.308	0.389
##	42	1.850	0.064	-0.023	0.779
##	43	0.882	0.378	-0.126	0.331
##	44	-1.440	0.150	-1.144	0.175
##	45	3.510	0.000	0.203	0.716
##	46	0.642	0.521	-0.269	0.531
##	47	0.831	0.406	-0.208	0.514
##	48	1.041	0.298	-0.150	0.491
##	49	-12.031	0.000	-2.090	-1.504
##	50	-10.899	0.000	-1.272	-0.884
##	51	-12.267	0.000	-1.763	-1.277
##	52	-9.599	0.000	-1.063	-0.702
##	53	-12.243	0.000	-1.727	-1.250
##	54	-8.067	0.000	-0.874	-0.532
##	55	-11.900	0.000	-2.155	-1.546
##	56	-10.899	0.000	-1.272	-0.884
##	57	-12.127	0.000	-2.031	-1.466
##	58	-11.288	0.000	-1.353	-0.953
##	59	-11.497	0.000	-2.312	-1.639
##	60	-10.049	0.000	-1.128	-0.760
##	61	-12.031	0.000	-2.090	-1.504
##	62	-10.159	0.000	-1.145	-0.774
##	63	-10.999	0.000	-1.291	-0.901
##	64	-2.465	0.014	-0.355	-0.040
##	65	-9.253	0.000	-1.016	-0.661
##	66	-1.581	0.114	-0.283	0.030
##	67	-10.484	0.000	-1.197	-0.820
##	68	-2.212	0.027	-0.334	-0.020
##	69	-11.900	0.000	-2.155	-1.546
##	70	-11.799	0.000	-1.492	-1.067
##	71	-11.726	0.000	-2.228	-1.590
##	72	-9.825	0.000	-1.095	-0.731
##	73	-12.271	0.000	-1.883	-1.364
##	74	-7.338	0.000	-0.796	-0.460
##	75	-9.599	0.000	-1.063	-0.702
##	76	-5.232	0.000	-0.592	-0.269
##	77	-11.556	0.000	-1.419	-1.008
##	78	-6.353	0.000	-0.697	-0.368
##	79	-11.799	0.000	-1.492	-1.067

```
-0.280
## 80
        -5.357
                 0.000
                          -0.603
                 0.000
                          -1.443
## 81
       -11.640
                                    -1.027
        -4.606
## 82
                 0.000
                          -0.536
                                    -0.216
                 0.000
                          -1.397
  83
       -11.469
                                    -0.989
##
##
  84
        -6.847
                 0.000
                          -0.745
                                    -0.414
## 85
        -7.704
                 0.000
                          -0.834
                                    -0.496
         0.569
                 0.569
                          -0.111
                                     0.201
## 86
         -9.253
                          -1.016
## 87
                 0.000
                                    -0.661
                                     0.020
## 88
        -1.707
                 0.088
                          -0.293
## 89
       -11.097
                 0.000
                          -1.311
                                    -0.918
## 90
        -2.844
                 0.004
                          -0.386
                                    -0.071
       -12.121
                 0.000
                          -1.630
                                    -1.176
## 91
## 92
        -6.476
                 0.000
                          -0.709
                                    -0.379
## 93
       -12.281
                 0.000
                          -1.801
                                    -1.305
        -8.666
                 0.000
                          -0.943
                                    -0.595
## 94
## 95
       -12.121
                 0.000
                          -1.630
                                    -1.176
        -9.369
                 0.000
                          -1.032
                                    -0.675
## 96
##
  97
        -8.188
                 0.000
                          -0.888
                                    -0.545
         0.822
                 0.411
                          -0.091
                                     0.222
##
  98
                                    -1.047
##
  99
       -11.721
                 0.000
                          -1.467
## 100
        -6.847
                 0.000
                          -0.745
                                    -0.414
## 101 -11.799
                 0.000
                          -1.492
                                    -1.067
        -3.348
                 0.001
                          -0.428
                                    -0.112
## 102
## 103 -11.942
                 0.000
                          -1.544
                                    -1.109
                          -0.861
## 104
        -7.947
                 0.000
                                    -0.520
## 105 -12.127
                 0.000
                          -2.031
                                    -1.466
  106
        -9.825
                 0.000
                          -1.095
                                    -0.731
                          -2.031
## 107 -12.127
                 0.000
                                    -1.466
## 108 -10.899
                 0.000
                          -1.272
                                    -0.884
## 109 -12.127
                 0.000
                          -2.031
                                    -1.466
## 110 -10.797
                 0.000
                          -1.252
                                    -0.868
## 111 -12.031
                 0.000
                          -2.090
                                    -1.504
                 0.000
## 112 -10.899
                          -1.272
                                    -0.884
         3.102
                 0.002
                           0.076
                                     0.337
## 113
## 114
         2.145
                 0.032
                           0.008
                                     0.175
## 115
         2.604
                 0.009
                           0.034
                                     0.244
## 116
         3.779
                 0.000
                           0.144
                                     0.455
## 117
         2.329
                 0.020
                           0.023
                                     0.269
## 118
         3.042
                 0.002
                           0.054
                                     0.251
## 119
         3.428
                 0.001
                           0.076
                                     0.280
## 120
         4.758
                 0.000
                           0.103
                                     0.248
## 121
         2.442
                 0.015
                           0.012
                                     0.112
         1.935
                          -0.001
## 122
                 0.053
                                     0.105
## 123
         4.471
                 0.000
                           0.265
                                     0.680
## 124
         4.027
                 0.000
                           0.183
                                     0.531
## 125
         5.434
                 0.000
                           0.293
                                     0.624
## 126
         7.134
                 0.000
                           0.446
                                     0.784
## 127
         4.311
                 0.000
                           0.053
                                     0.141
## 128
         2.262
                 0.024
                           0.005
                                     0.069
##
  129
         3.137
                 0.002
                           0.031
                                     0.133
## 130
         1.814
                 0.070
                          -0.007
                                     0.173
## 131
         5.122
                 0.000
                           0.164
                                     0.368
## 132
         4.711
                 0.000
                           0.145
                                     0.353
## 133
         5.319 0.000
                           0.226
                                     0.489
```

##	134	2.793	0.005	0.029	0.163
##	135	2.739	0.006	0.033	0.202
##	136	2.875	0.004	0.056	0.296
##	137	5.347	0.000	0.203	0.439
##	138	2.992	0.003	0.054	0.258
##	139	5.994	0.000	0.228	0.450
##	140	4.968	0.000	0.157	0.362
##	141	4.295	0.000	0.154	0.302
		1.486		-0.031	
##	142 143	1.845	0.137		0.222
##			0.065	-0.004	0.121
##	144	2.211	0.027	0.012	0.200
##	145	4.001	0.000	0.129	0.378
##	146	3.509	0.000	0.074	0.260
##	147	8.150	0.000	0.358	0.584
##	148	1.949	0.051	-0.001	0.270
##	149	5.351	0.000	0.161	0.347
##	150	4.793	0.000	0.105	0.249
##	151	3.750	0.000	0.076	0.244
##	152	4.826	0.000	0.133	0.316
##	153	NA	NA	1.000	1.000
##	154	2.871	0.004	0.068	0.363
##	155	NA	NA	1.000	1.000
##	156	NA	NA	1.000	1.000
##	157	NA	NA	1.000	1.000
##	158	NA	NA	1.000	1.000
##	159	NA	NA	1.000	1.000
##	160	NA	NA	1.000	1.000
##	161	NA	NA	1.000	1.000
##	162	NA	NA	1.000	1.000
##	163	NA	NA	1.000	1.000
##	164	NA	NA	1.000	1.000
##	165	NA	NA	1.000	1.000
##	166	NA	NA	1.000	1.000
##	167	NA	NA	1.000	1.000
##	168	NA	NA	1.000	1.000
##	169	NA	NA	1.000	1.000
##	170	NA	NA	1.000	1.000
##	171	NA	NA	1.000	1.000
##	172	NA	NA	1.000	1.000
##	173	NA	NA	1.000	1.000
##	174	NA	NA NA	1.000	1.000
				1.000	
##	175	NA NA	NA NA		1.000
##	176	NA	NA	1.000	1.000
##	177	NA	NA	1.000	1.000
##	178	NA	NA	1.000	1.000
##	179	NA	NA	1.000	1.000
##	180	NA	NA	1.000	1.000
##	181	NA	NA	1.000	1.000
##	182	NA	NA	1.000	1.000
##	183	NA	NA	1.000	1.000
##	184	NA	NA	1.000	1.000
##	185	NA	NA	1.000	1.000
##	186	NA	NA	1.000	1.000
##	187	NA	NA	0.000	0.000

```
## 188
                           0.000
                                     0.000
             NA
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## 189
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## 190
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## 224
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## 225
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                           0.000
                                     0.000
## 226
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## 227
             NA
                     NA
                           0.000
                                     0.000
## 228
             NA
                     NA
                           0.000
                                     0.000
fitMeasures(model_fit_groups_male,
             fit.measures = c("chisq",
                     "df",
                     "pvalue",
                     "cfi",
                     "rmsea",
                     "rmsea.ci.lower",
                     "rmsea.ci.upper",
                     "srmr"),
             output = "matrix")
##
```

chisq

296.490

##	df	448.000
##	pvalue	1.000
##	cfi	1.000
##	rmsea	0.000
##	rmsea.ci.lower	0.000
##	<pre>rmsea.ci.upper</pre>	0.000
##	srmr	0.056