Results of Structural Equation Modeling

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Results of Structural-Equation Medeling

```
summary(fit,standardized= TRUE ,fit.measures= FALSE ,rsquare= FALSE ,modindices= F
```

lavaan (0.5-20) converged normally after 31 iterations

```
  Number of observations                            27

  Estimator                                         ML
  Minimum Function Test Statistic                6.030
  Degrees of freedom                                 5
  P-value (Chi-square)                           0.303
```

Parameter Estimates:

```
  Information                               Expected
  Standard Errors                           Standard
```

Latent Variables:

	Estimate	Std.Err	Z-value	P(>|z|)	Std.lv	Std.all
초기치 =~						
t1	1.000				1.788	0.782
t2	1.000				1.788	0.786
t3	1.000				1.788	0.650
t4	1.000				1.788	0.659
변화율 =~						
t1	0.000				0.000	0.000
t2	1.000				0.629	0.277
t3	2.000				1.258	0.457
t4	3.000				1.887	0.695

Regressions:

	Estimate	Std.Err	Z-value	P(>|z|)	Std.lv	Std.all
초기치 ~						
gender	-1.289	0.780	-1.653	0.098	-0.721	-0.354
변화율 ~						
gender	-0.695	0.253	-2.751	0.006	-1.105	-0.543

Covariances:

	Estimate	Std.Err	Z-value	P(>|z|)	Std.lv	Std.all
초기치 ~~						

변화율	-0.122	0.304	-0.401	0.688	-0.138	-0.138

Variances:

	Estimate	Std.Err	Z-value	P(>|z|)	Std.lv	Std.all
t1	2.034	0.912	2.231	0.026	2.034	0.389
t2	1.389	0.502	2.764	0.006	1.389	0.269
t3	2.422	0.760	3.189	0.001	2.422	0.320
t4	0.039	0.689	0.056	0.955	0.039	0.005
초기치	2.796	1.130	2.474	0.013	0.874	0.874
변화율	0.279	0.176	1.581	0.114	0.705	0.705

Path Diagram(s)

Warning in (function (s, units = "user", cex = NULL, font = NULL, vfont = NULL, : conversion failure on '초기치' in 'mbcsToSbcs': dot substituted for <ec>

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Warning in text.default(layout[, 1], layout[, 2], labels, cex = label.cex, : 유니코드 문자 U+cd08에 대한 폰트메트릭을 알 수 없습니다

Warning in text.default(layout[, 1], layout[, 2], labels, cex = label.cex, : 유니코드 문자 U+ae30에 대한 폰트메트릭을 알 수 없습니다

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Warning in text.default(layout[, 1], layout[, 2], labels, cex =
label.cex, : 유니코드 문자 U+d654에 대한 폰트메트릭을 알 수 없습니다

Warning in text.default(layout[, 1], layout[, 2], labels, cex =
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