



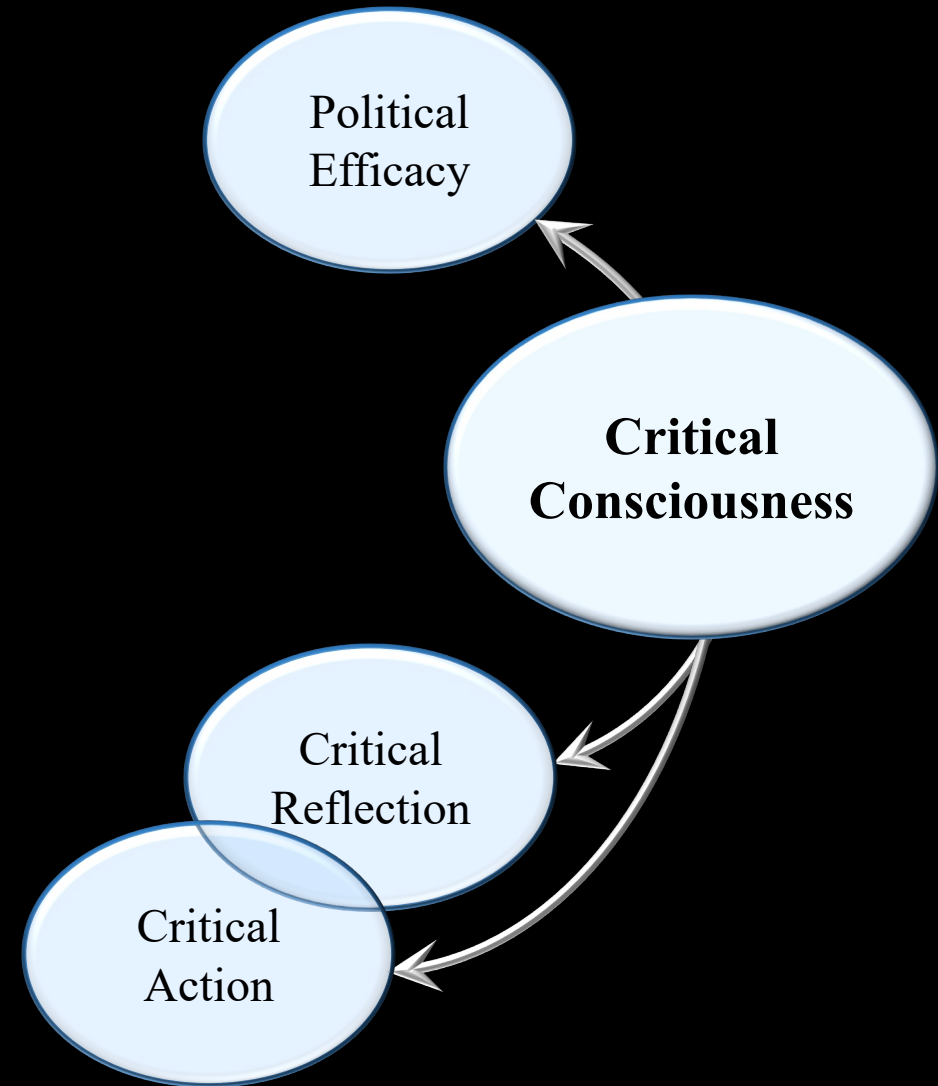
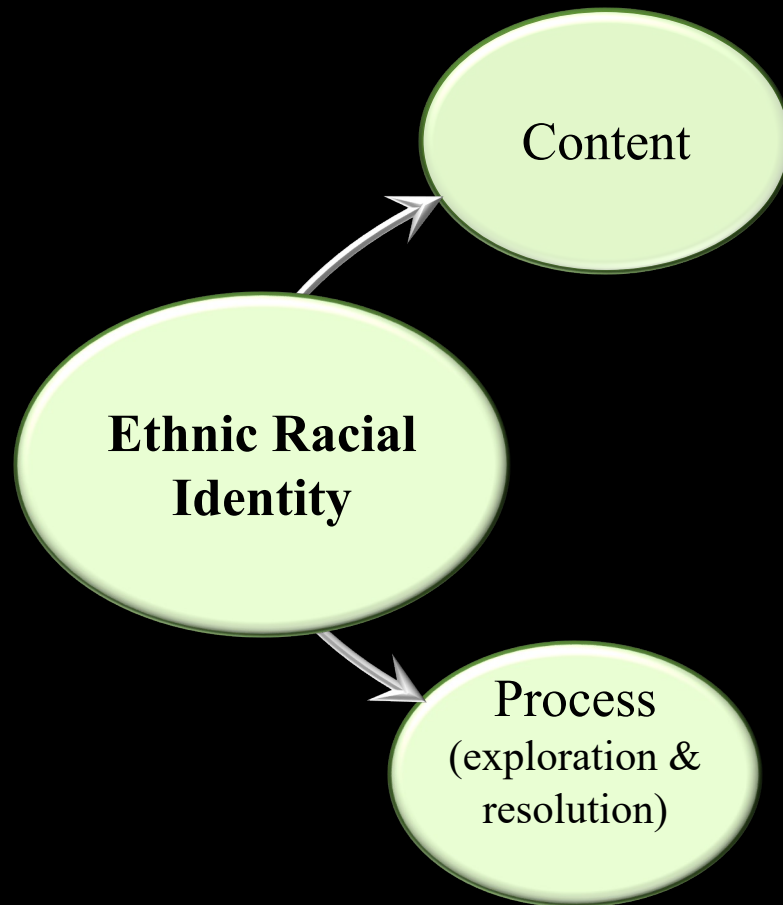
Critical Action and Ethnic-Racial Identity: Tools of Racial Resistance at the College Transition

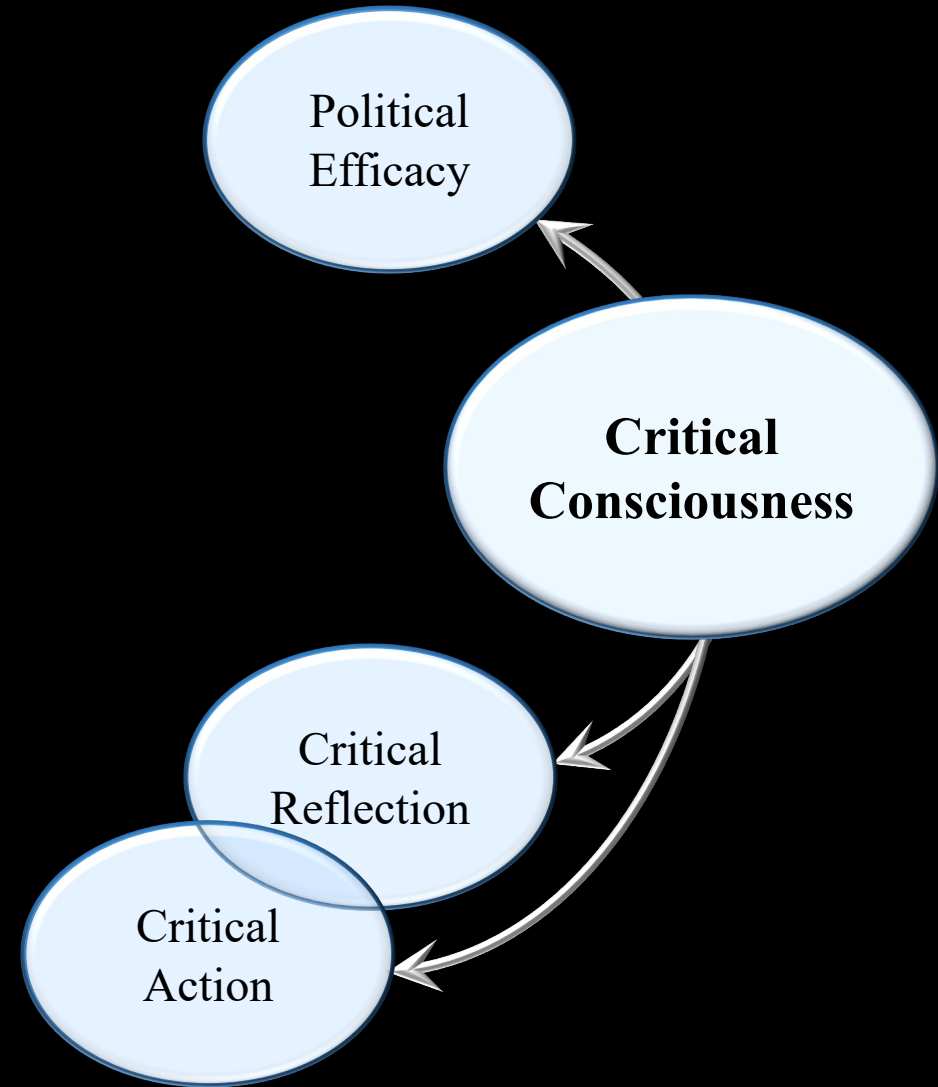
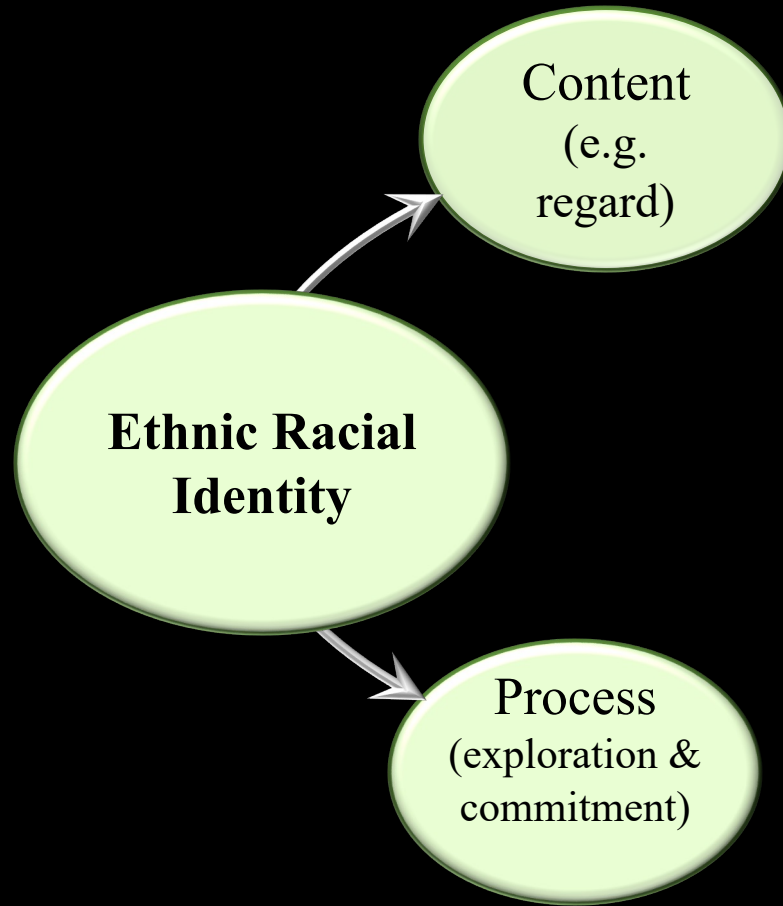
Channing J. Mathews*

M3 Conference, University of Connecticut

June 27, 2023

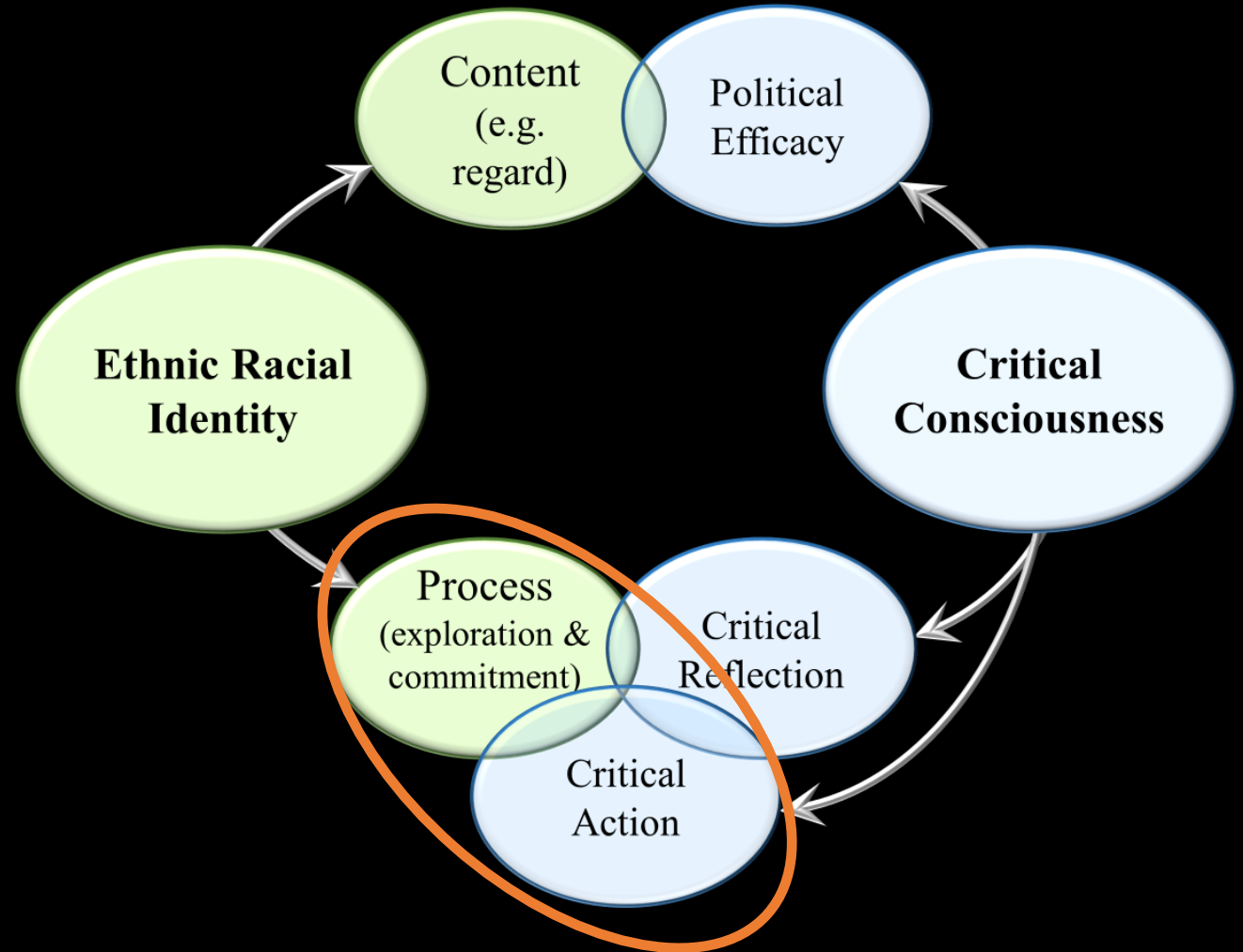
Mathews, C. J*., Durkee, M., & Hope, E. C. (2022). Critical Action and Ethnic–Racial Identity: Tools of Racial Resistance at the College Transition. *Journal of Research on Adolescence*, 32(3), 1083-1097.



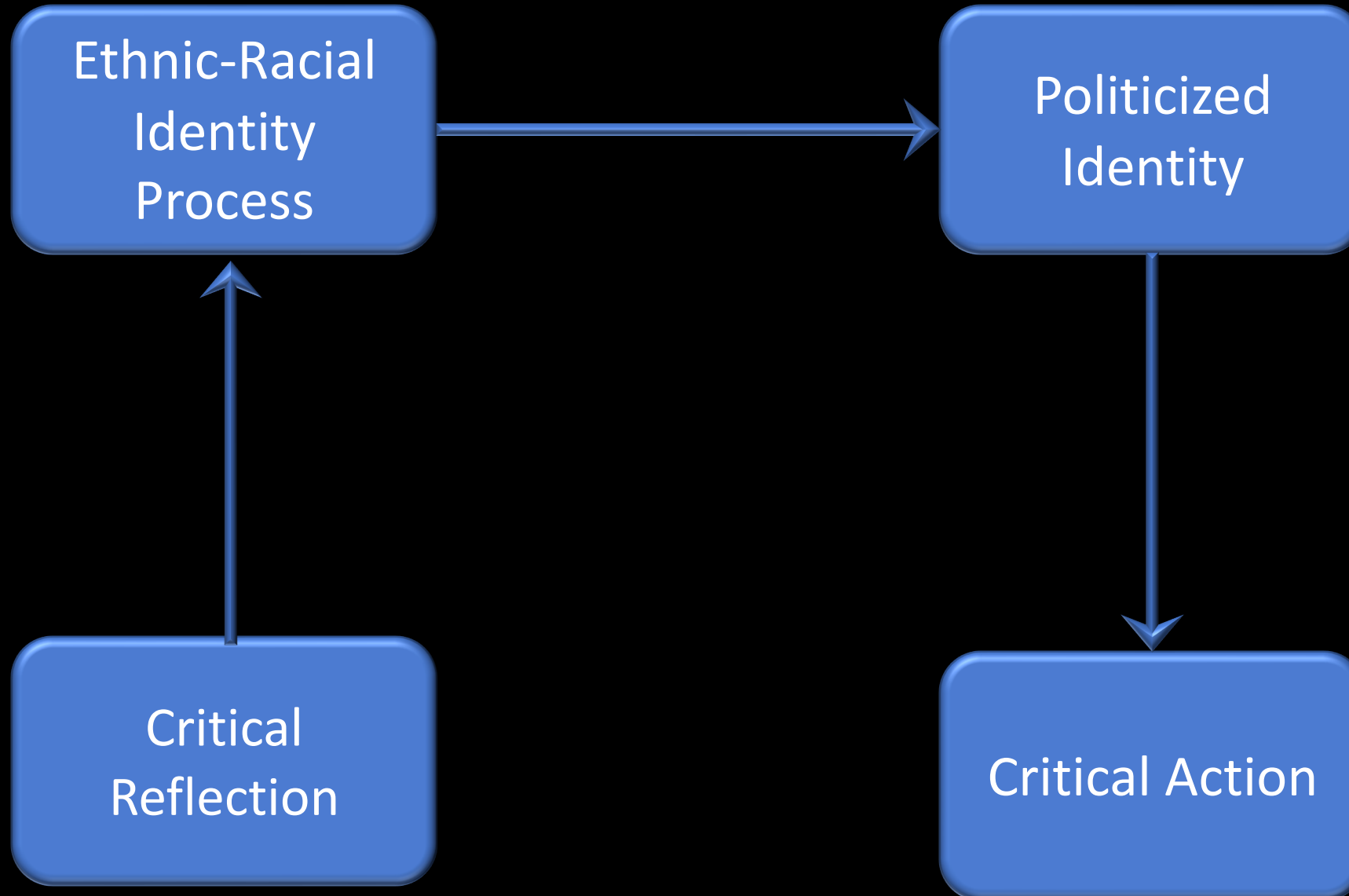


Integrated Model of Ethnic Racial Identity and Critical Consciousness

Greater participation in ethnic-racial identity process (i.e., exploration and resolution) may lead to more critical action.



POSTULATE: Greater participation in ethnic-racial identity process (i.e., exploration and resolution) may lead to more critical action.





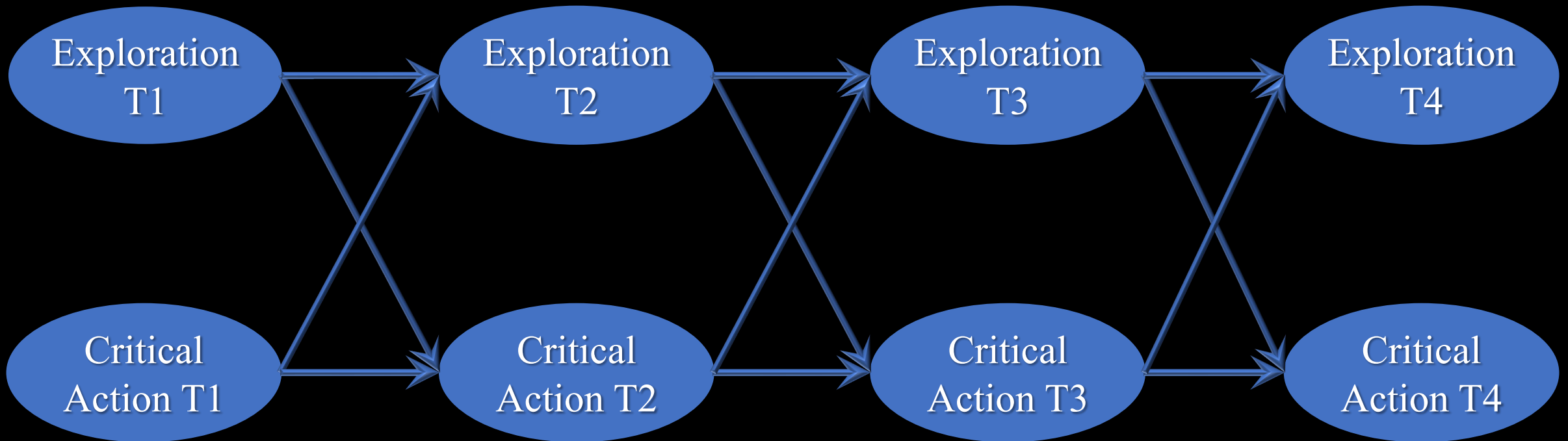
- Examining Reciprocal Relationships Between Racial Identity Exploration and Critical Action in Black College Students

Research Questions

What is the relationship between critical action and ERI exploration among Black college students?

How does the relationship between critical action and ERI exploration change over time among Black college students?

Conceptual Model



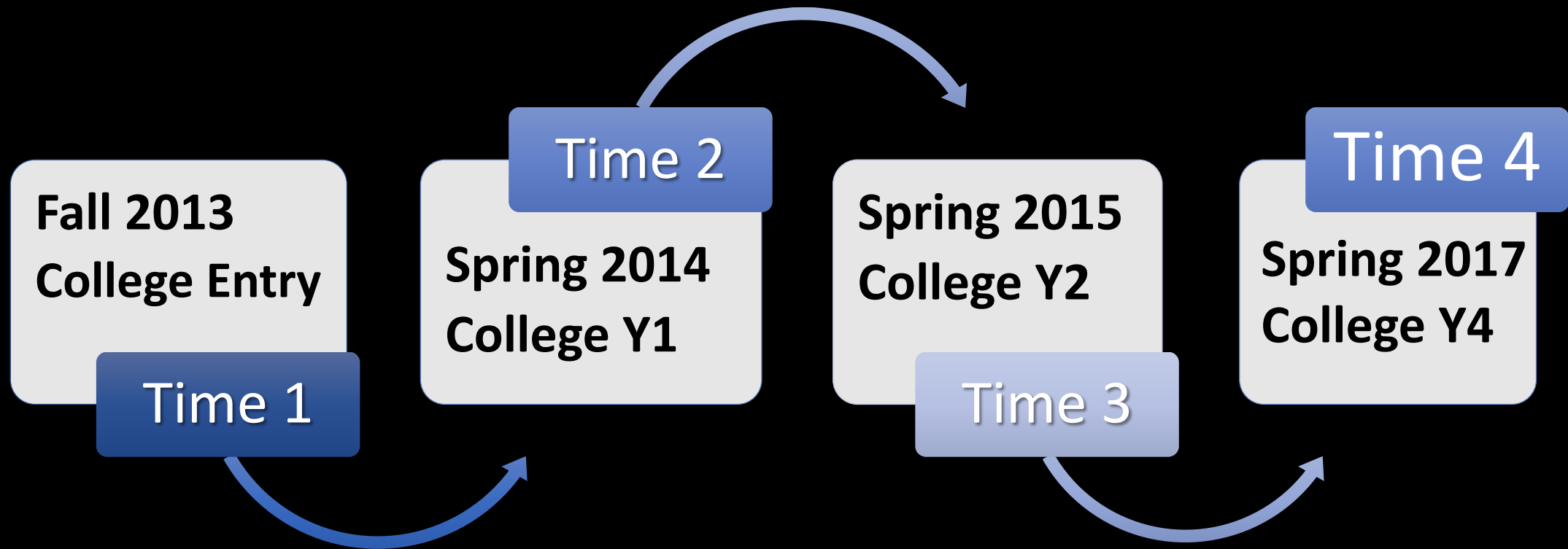
Minority
College
Cohort
Study
(MCCS)

~550 Black & Latinx
college students

Surveyed from 5
midwestern Universities

Black sample only
(T1=237)

Minority College Cohort Study (MCCS)



Ethnic-Racial Identity Exploration

Scale: 1 (Strongly Disagree) 4 (Strongly Agree)

($\alpha_{T1} = .94$, $IIC_{T1} = .83$; $\alpha_{T2} = .90$, $IIC_{T2} = .75$; $\alpha_{T3} = .93$,
 $IIC_{T3} = .81$; $\alpha_{T4} = .93$, $IIC_{T4} = .87$).

I have spent time trying to find out more about my ethnic group, such as its history, traditions, and customs.

I have often done things that will help me understand my ethnic background better.

I have often talked to other people in order to learn more about my ethnic group.

I have spent time trying to find out more about my ethnic group, such as its history, traditions, and customs.

I have often done things that will help me understand my ethnic background better.

Phinney & Ong 2007; Pancer et al. 2007

Critical Action

Scale: 1 (Never) to 5 (More than 10 times).

($\alpha_{T1} = .83$, $IIC_{T1} = .54$; $\alpha_{T2} = .75$, $IIC_{T2} = .44$; $\alpha_{T3} = .78$, $IIC_{T3} = .45$; $\alpha_{T4} = .79$, $IIC_{T4} = .48$).

Joined a protest, march, meeting or demonstration?

Participated in a boycott (not buying something because you dislike or disagree with the social or political values of the company)?

Participated in a buycott (buying a certain product or service because you like the social or political values of the company)?

Worked or volunteered for a political campaign?

Served as a member of an organizing committee or board for a club or organization?

Participated in an ethnic or cultural club or organization

Factor Loadings

Ethnic-Racial Identity Exploration Items	T1	T2	T3	T4
I have spent time trying to find out more about my ethnic group, such as its history, traditions, and customs.	.80	.64	.75	.59
I have done things that will help me understand my ethnic background better.	.79	.69	.75	.61
I have often talked to other people in order to learn more about my ethnic group.	.81	.55	.70	.56

Critical Action Items

Joined a protest, march, meeting, or demonstration?

Participated in a boycott (not buying something because you dislike or disagree with the social or political values of the company)

Participated in a buycott (buying a certain product or service because you like the social or political values of the company)?

Worked or volunteered for a political campaign?

Participated in an ethnic club or cultural club or organization?

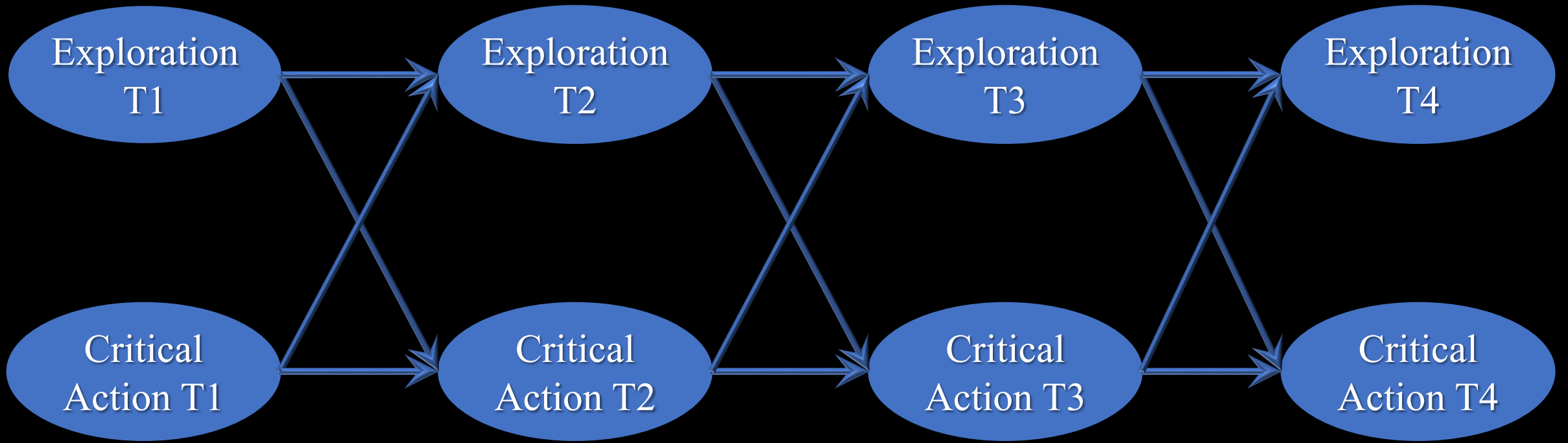
Factor Loadings

T1	T2	T3	T4
.90	.65	.78	.69
.65	.45	.72	.76
.73	.53	.58	.83
.84	.54	.36	.52
.77	.56	.60	.73

Critical Action Items

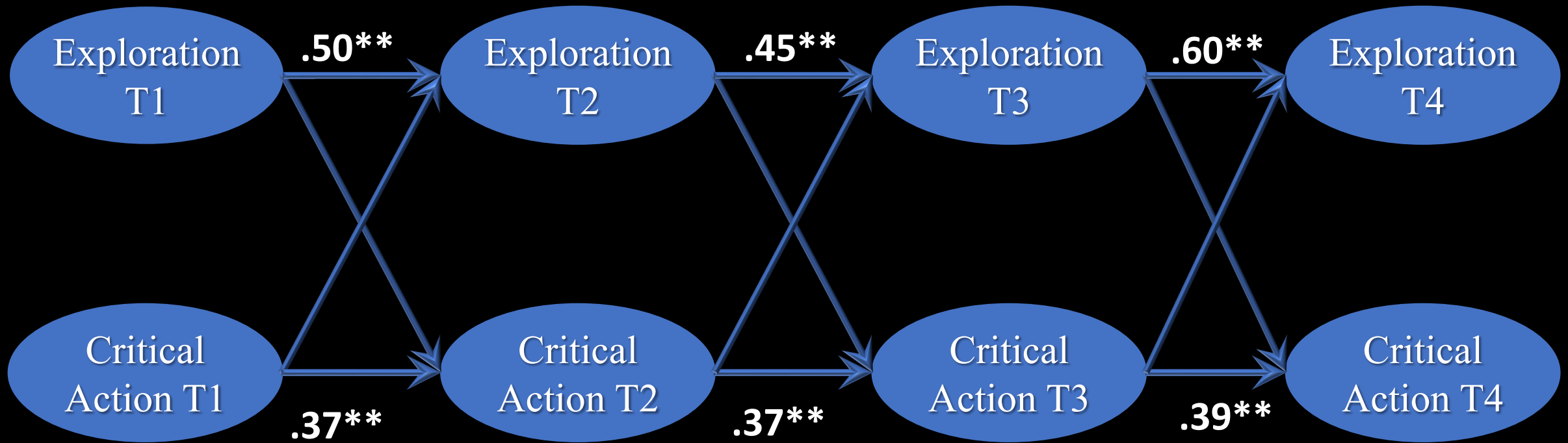
Factor Loadings

	T1	T2	T3	T4
Joined a protest, march, meeting, or demonstration?	.90	.65	.78	.69
Participated in a boycott (not buying something because you dislike or disagree with the social or political values of the company)	.65	.45	.72	.76
Participated in a buycott (buying a certain product or service because you like the social or political values of the company)?	.73	.53	.58	.83
Worked or volunteered for a political campaign?	.84	.54	.36	.52
Participated in an ethnic club or cultural club or organization?	.77	.56	.60	.73



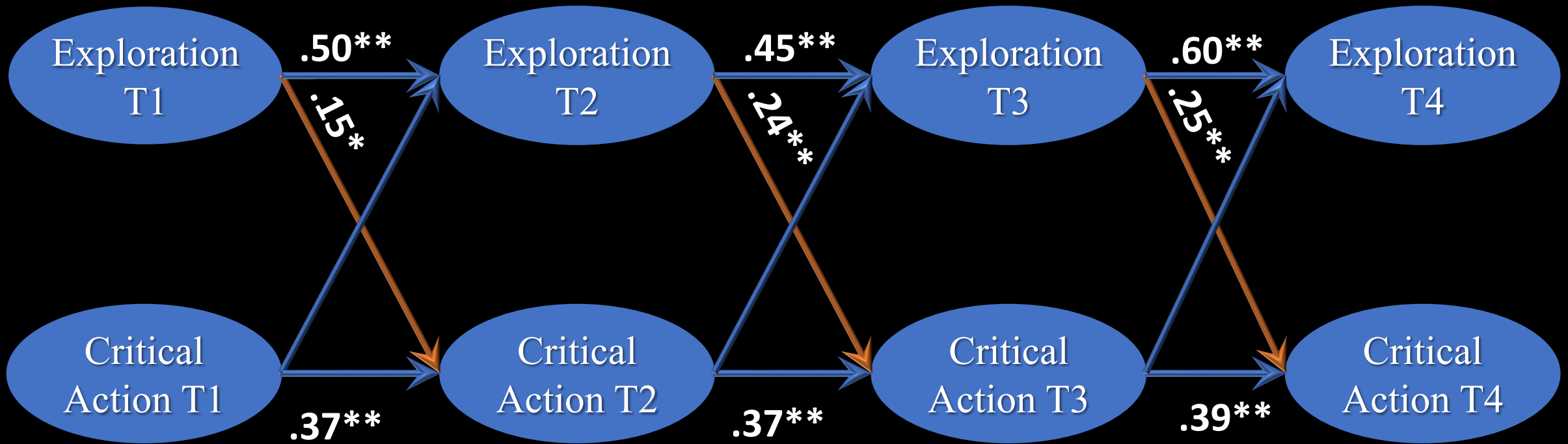
CFI=.95 TLI=.94 RMSEA= .05 SRMR= .07

Note all regression paths significant, $p < .05^*$, $p < .01^{**}$ $p < .001^{***}$



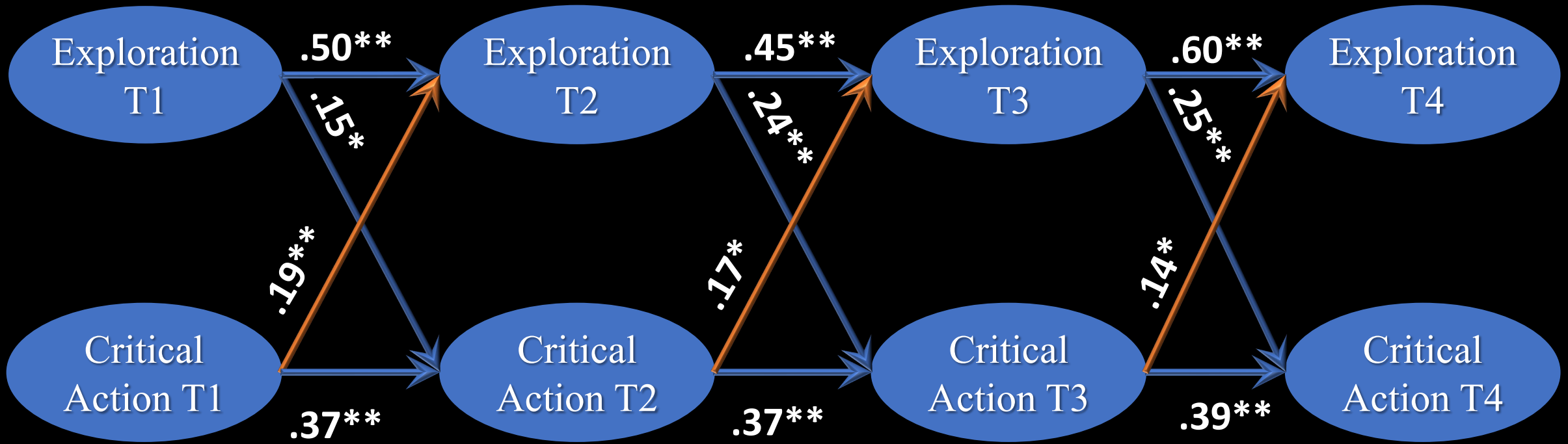
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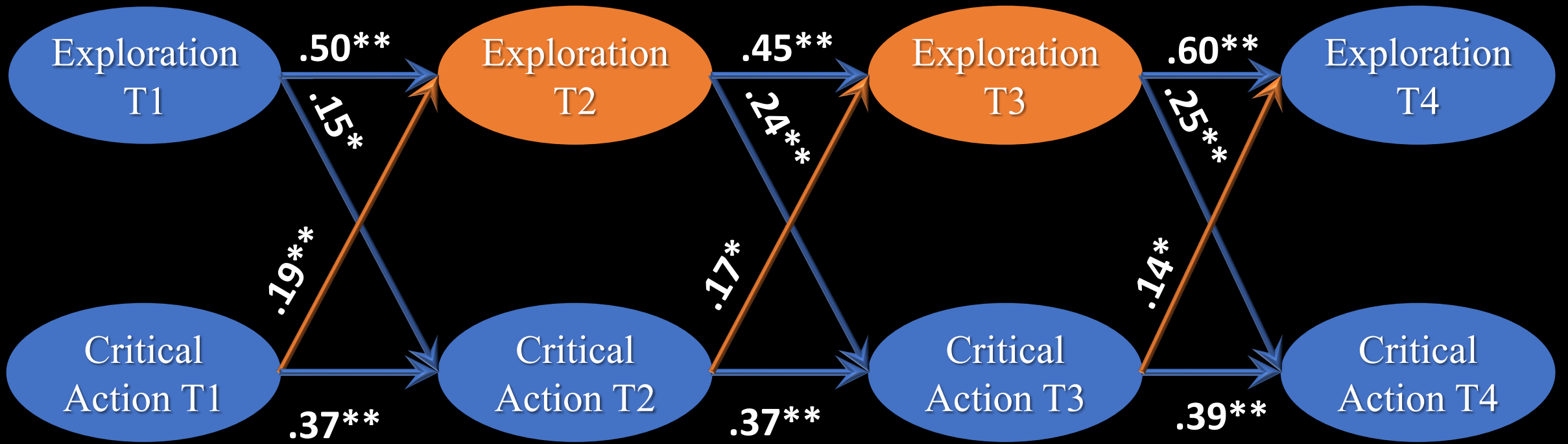
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Discussion

1. Ethnic-racial identity exploration and critical action are likely reciprocal processes in Black college students
2. Critical action as an important driver of racial identity exploration
3. Support for theorized overlaps between ethnic-racial identity and critical consciousness development



Thank you

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Additional Slides

Indicator	CFA	Model 1	Model 2	Model 3	Model 4
Ethnic Racial Identity					
	Exploration and Critical Action	Autoregressive Effects Only	EX at T1-T3 Predicting CA at T2-T4	CA at T1-T3 Predicting EX at T2-T4	Fully Cross- Lagged Model
CFI	.95	.92	.92	.93	.94
TLI	.94	.91	.92	.92	.93
RMSEA	.04	.05	.05	.05	.04
SRMR	.06	.12	.10	.11	.08
$\chi^2(df)$	599.81(425)	814.55(535)	790.54(532)	795.90(532)	761.77 (528)

Table 1**Measurement Invariance Testing for Exploration**

Model	χ^2 (df)	CFI	Δ CFI	TLI	Δ TLI	RMSEA	Δ RMSEA	SRMR	Δ SRMR
Model 1: Configural Invariance	49.88 (48)	.99		.99		0.01		0.04	
Model 2: Metric Invariance	59.49 (54)	.99	0	.99	0	0.02	0.01	0.05	0.01
Model 3: Scalar Invariance	68.67 (60)	.99	0	.99	0	0.03	0	0.05	0
Model 4: Strict Invariance	72.11 (63)	.99	0	.99	0	0.03	0	0.05	0
Model Comparisons	χ^2 diff	Δ df	p value						
Models 1 vs 2	10.94	6	.09						
Models 2 vs 3	9.74	6	.14						
Models 3 vs 4	3.44	3	.33						

Table 2**Measurement Invariance Testing for Critical Action**

Model	χ^2 (df)	CFI	Δ CFI	TLI	Δ TLI	RMSEA	Δ RMSEA	SRMR	Δ SRMR
Model 1: Configural Invariance	331.02 (230)	0.94		0.93		0.04		0.07	
Model 2: Metric Invariance	353.94 (244)	0.93	-0.01	0.92	-0.01	0.04	0	0.08	0.01
Model 3: Scalar Invariance	495.54 (259)	0.85	-0.08	0.84		0.06	0.02	0.08	0
Model 4: Strict Invariance	-	-	-	-	-	-	-	-	-
Model Comparisons	χ^2 diff	Δ df	p-value						
Models 1 vs 2	22.47	14	0.07						
Models 2 vs 3	182.97	15	<.01						
Models 3 vs 4	-	-	-						