Friends in the Profession Appendix:

Table A1: The Effects of Studying Abroad in the Top Three Study Abroad Destinations

	(M1) American Support	(M2) French Support	(M3) Egyptian Support
Leader Level			
Leader age	0.04***	-0.02	-0.34***
	(0.01)	(0.02)	(0.08)
Education	-0.86***	-0.76**	3.38***
	(0.13)	(0.27)	(0.95)
Military experience	-0.97***	-5.40**	-7.87**
	(0.26)	(1.69)	(2.47)
Combat experience	-1.58***	-4.47***	8.39***
	(0.33)	(1.10)	(2.35)
Studied abroad in U.S.	2.41***		
	(0.48)		
Studied abroad in France		3.27***	
		(0.79)	
Studied abroad in Egypt			10.86***
			(2.58)
Organization Level			
Rebels much weaker	0.97***	-0.87	-17.81***
	(0.22)	(0.45)	(3.92)
Centralized command		-6.65***	
		(1.24)	
Government support	-0.31**	-0.32	-3.01***
	(0.10)	(0.19)	(0.88)
Transnational constituency	0.62***	1.25***	-11.60***
	(0.17)	(0.36)	(2.89)
Territorial control	1.12***	3.64***	3.71*
	(0.22)	(0.84)	(1.69)
Multiple groups	-1.16***	-1.48***	
	(0.29)	(0.44)	
State Level			
International rivalry	-0.10	0.39	
	(0.20)	(0.37)	
GDP per capita	0.00***	0.00***	0.00***
	(0.00)	(0.00)	(0.00)
Polity score	-0.23***	-0.10	-0.58
	(0.03)	(0.06)	(0.33)
CINC score	-1.20***	-0.05	-25.16**
	(0.35)	(0.25)	(7.88)
Constant	-1.14*	4.32***	-17.59***
	(0.46)	(1.19)	(3.85)
Observations	1,009	1,043	533

Note: DV is support from each country. Results from logistic regressions with robust standard errors. A small set of variables were dropped from the Egypt model, and one from the U.S. model, since they predict failure perfectly.
*** p<0.001, ** p<0.01, * p<0.05*

Table A2: Replication of Base Results with Other Leader and Organizational Advantages

	State Sponsors	State Sponsors	State Sponsors	State Sponsors	State Sponsors
Leader Level					
Leader age	0.01***	0.02***	0.02***	0.02***	0.02***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Education	-0.32***	-0.23***	-0.23***	-0.24***	-0.24***
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Military experience	-0.39***	-0.51***	-0.52***	-0.54***	-0.58***
	(0.10)	(0.12)	(0.12)	(0.12)	(0.12)
Combat experience	-0.45***	-0.35***	-0.33***	-0.32**	-0.30**
	(0.09)	(0.10)	(0.10)	(0.10)	(0.10)
International experience	0.63***	0.63***	0.63***	0.63***	0.63***
	(0.05)	(0.06)	(0.06)	(0.06)	(0.06)
Organization Level					
Rebels much weaker	0.06	-0.02	-0.02	0.00	-0.02
	(0.09)	(0.11)	(0.12)	(0.12)	(0.12)
Rebels strong	-0.92*	-0.24	-0.26	-0.27	-0.27
	(0.38)	(0.32)	(0.32)	(0.31)	(0.31)
Centralized command	-0.34*	-0.19	-0.17	-0.15	-0.10
	(0.15)	(0.15)	(0.15)	(0.15)	(0.17)
Government support	0.03	-0.06	-0.06	-0.07	-0.04
	(0.05)	(0.05)	(0.05)	(0.05)	(0.06)
Transnational constituency	0.21***	0.19***	0.19***	0.19***	0.17***
	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)
Territorial control	0.10	-0.09	-0.08	-0.06	-0.05
	(0.08)	(0.09)	(0.09)	(0.09)	(0.09)
Multiple groups	-0.61***	-0.70***	-0.68***	-0.69***	-0.67***
	(0.11)	(0.13)	(0.13)	(0.13)	(0.14)
State Level					
International rivalry	0.62***	0.75***	0.74***	0.75***	0.77***
	(0.08)	(0.10)	(0.10)	(0.10)	(0.10)
GDP per capita	0.00***	0.00***	0.00***	0.00***	0.00***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Polity score	-0.01	-0.03**	-0.04**	-0.03**	-0.04**
	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
CINC score	-0.19***	-0.35***	-0.35***	-0.35***	-0.29***
	(0.05)	(0.06)	(0.06)	(0.07)	(0.07)
Additional Covariates					
Elite family		-0.34**	-0.36***	-0.35**	-0.34**
		(0.10)	(0.11)	(0.11)	(0.11)
Polyglot			-0.08	-0.06	-0.07
			(0.11)	(0.12)	(0.12)
Political wing				-0.11	-0.14
				(0.09)	(0.10)
Natural resources					-0.13
					(0.11)
Constant	1.02***	0.73*	0.74*	0.73*	0.69*
	(0.29)	(0.31)	(0.31)	(0.31)	(0.33)
Observations	977	795	790	790	787
R-squared	0.39	0.44	0.44	0.44	0.45

Note: DV is number of sponsors per organization-year. Results from OLS regressions with robust standard errors.
*** $p<0.001$, ** $p<0.01$, * $p<0.05$xw

Table A3: Replication of Base Results with Leader Selection Methods

	State Sponsors	State Sponsors	State Sponsors
Leader Level			
Leader age	0.01***	0.01**	0.01**
	(0.00)	(0.00)	(0.00)
Education	-0.32***	-0.29***	-0.30***
	(0.04)	(0.04)	(0.04)
Military experience	-0.39***	-0.46***	-0.50***
	(0.10)	(0.10)	(0.11)
Combat experience	-0.45***	-0.47***	-0.48***
	(0.09)	(0.09)	(0.09)
International experience	0.63***	0.63***	0.62***
	(0.05)	(0.06)	(0.05)
Organization Level			
Rebels much weaker	0.06	0.01	0.02
	(0.09)	(0.09)	(0.09)
Rebels strong	-0.92*	-0.90*	-0.83
	(0.38)	(0.42)	(0.44)
Centralized command	-0.34*	-0.23	-0.19
	(0.15)	(0.18)	(0.19)
Government support	0.03	-0.01	-0.02
	(0.05)	(0.05)	(0.05)
Transnational constituency	0.21***	0.22***	0.22***
	(0.05)	(0.05)	(0.05)
Territorial control	0.10	0.18*	0.19*
	(0.08)	(0.08)	(0.08)
Multiple groups	-0.61***	-0.52***	-0.54***
	(0.11)	(0.12)	(0.12)
State Level			
International rivalry	0.62***	0.58***	0.58***
	(0.08)	(0.08)	(0.08)
GDP per capita	0.00***	0.00***	0.00***
	(0.00)	(0.00)	(0.00)
Polity score	-0.01	-0.03**	-0.03**
	(0.01)	(0.01)	(0.01)
CINC score	-0.19***	-0.16**	-0.18***
	(0.05)	(0.05)	(0.05)
Leader Selection			
Elected		-0.68***	-0.73***
		(0.11)	(0.11)
Appointed			-0.21*
			(0.10)
Constant	1.02***	1.06***	1.17***
	(0.29)	(0.31)	(0.30)
Observations	977	960	960
R-squared	0.39	0.41	0.41

Note: DV is number of sponsors per organization-year. Results from OLS models with robust standard errors.
*** $p<0.001$, ** $p<0.01$, * $p<0.05$

Table A4: Replication of Base Models with Measure of Information Availability

	State Sponsors	State Sponsors
Leader Level		
Leader age	0.01***	0.01***
	(0.00)	(0.00)
Education	-0.32***	-0.32***
	(0.04)	(0.04)
Military experience	-0.39***	-0.39***
	(0.10)	(0.10)
Combat experience	-0.45***	-0.45***
	(0.09)	(0.09)
International experience	0.63***	0.63***
	(0.05)	(0.05)
Organization Level		
Rebels much weaker	0.06	0.06
	(0.09)	(0.09)
Rebels strong	-0.92*	-0.93*
	(0.38)	(0.38)
Centralized command	-0.34*	-0.34*
	(0.15)	(0.15)
Government support	0.03	0.03
	(0.05)	(0.05)
Transnational constituency	0.21***	0.21***
	(0.05)	(0.05)
Territorial control	0.10	0.10
	(0.08)	(0.08)
Multiple groups	-0.61***	-0.61***
	(0.11)	(0.11)
State Level		
International rivalry	0.62***	0.62***
	(0.08)	(0.08)
GDP per capita	0.00***	0.00***
	(0.00)	(0.00)
Polity score	-0.01	-0.01
	(0.01)	(0.01)
CINC score	-0.19***	-0.19***
	(0.05)	(0.05)
Information Availability		
Google Scholar hits		0.00
		(0.00)
Constant	1.02***	1.03***
	(0.29)	(0.30)
Observations	977	977
R-squared	0.39	0.39

Note: DV is number of sponsors per organization-year. Results from OLS models with robust standard errors.
*** $p<0.001$, ** $p<0.01$, * $p<0.05$

Table A5: Replication of Base Models with Cold War Dummy and Split Sample

	Base Model	Base Model with Cold War Dummy	Split Sample – Cold War Cases	Split Sample – Post-Cold War
Leader Level				
Leader age	0.01***	0.01***	0.02*	0.01*
	(0.00)	(0.00)	(0.01)	(0.00)
Education	-0.32***	-0.32***	-0.19**	-0.45***
	(0.04)	(0.04)	(0.07)	(0.05)
Military experience	-0.39***	-0.37***	-0.19	-0.48***
	(0.10)	(0.10)	(0.17)	(0.13)
Combat experience	-0.45***	-0.44***	-0.47**	-0.52***
	(0.09)	(0.09)	(0.15)	(0.12)
International experience	0.63***	0.63***	0.56***	0.69***
	(0.05)	(0.05)	(0.10)	(0.07)
Organization Level				
Rebels much weaker	0.06	0.05	0.35*	-0.22
	(0.09)	(0.09)	(0.15)	(0.12)
Rebels strong	-0.92*	-0.90*	-2.32**	-0.63
	(0.38)	(0.38)	(0.81)	(0.33)
Centralized command	-0.34*	-0.35*	-0.95**	-0.33
	(0.15)	(0.15)	(0.34)	(0.20)
Government support	0.03	0.04	0.06	-0.01
	(0.05)	(0.05)	(0.06)	(0.06)
Transnational constituency	0.21***	0.22***	0.28***	0.22***
	(0.05)	(0.05)	(0.08)	(0.06)
Territorial control	0.10	0.10	0.11	0.12
	(0.08)	(0.08)	(0.15)	(0.11)
Multiple groups	-0.61***	-0.60***	-0.97***	-0.21
	(0.11)	(0.11)	(0.18)	(0.13)
State Level				
International rivalry	0.62***	0.60***	0.15	0.78***
	(0.08)	(0.08)	(0.13)	(0.10)
GDP per capita	0.00***	0.00***	0.00*	0.00***
	(0.00)	(0.00)	(0.00)	(0.00)
Polity score	-0.01	-0.01	0.02	-0.04**
	(0.01)	(0.01)	(0.02)	(0.01)
CINC score	-0.19***	-0.18***	-1.87***	-0.09
	(0.05)	(0.05)	(0.55)	(0.06)
Additional Covariates				
Cold War		0.12		
		(0.09)		
Constant	1.02***	0.90**	1.01	1.06**
	(0.29)	(0.32)	(0.63)	(0.39)
Observations	977	977	426	551
R-squared	0.39	0.39	0.32	0.48

Note: DV is number of sponsors per organization-year. Results from OLS models with robust standard errors.
*** p<0.001, ** p<0.01, * p<0.05

Table A6: Addition of Rebel Organization Ideology to Base and Country-Specific Models

	State Sponsors	State Sponsors	U.S. Support	French Support
Leader Level				
Leader age	0.01***	0.01***	0.05***	-0.02
	(0.00)	(0.00)	(0.01)	(0.02)
Education	-0.32***	-0.32***	-0.79***	-0.85*
	(0.04)	(0.04)	(0.13)	(0.38)
Military experience	-0.39***	-0.36***	-0.97**	-6.05**
	(0.10)	(0.10)	(0.34)	(2.00)
Combat experience	-0.45***	-0.45***	-1.23***	-4.40***
	(0.09)	(0.09)	(0.33)	(1.16)
International experience	0.63***	0.61***		
	(0.05)	(0.05)		
Studied abroad in U.S.			1.72**	
			(0.54)	
Studied abroad in France				3.23**
				(0.99)
Organization Level				
Rebels much weaker	0.06	0.03	1.26***	-1.27
	(0.09)	(0.09)	(0.28)	(0.70)
Rebels strong	-0.92*	-0.86*		
	(0.38)	(0.37)		
Centralized command	-0.34*	-0.33*		-7.22***
	(0.15)	(0.15)		(1.79)
Government support	0.03	0.00	-0.56***	-0.18
	(0.05)	(0.05)	(0.13)	(0.29)
Transnational constituency	0.21***	0.18***	0.77***	1.02*
	(0.05)	(0.05)	(0.16)	(0.41)
Territorial control	0.10	0.11	1.13***	3.67***
	(0.08)	(0.08)	(0.26)	(0.99)
Multiple groups	-0.61***	-0.66***	-1.63***	-2.02**
	(0.11)	(0.11)	(0.38)	(0.76)
State Level				
International rivalry	0.62***	0.66***	0.84**	0.51
	(0.08)	(0.09)	(0.30)	(0.35)
GDP per capita	0.00***	0.00***	0.00*	0.00**
	(0.00)	(0.00)	(0.00)	(0.00)
Polity score	-0.01	-0.00	-0.10**	0.01
	(0.01)	(0.01)	(0.03)	(0.05)
CINC score	-0.19***	-0.19***	-1.08***	0.11
	(0.05)	(0.05)	(0.25)	(0.23)
Rebel Ideology				
Left-wing		-0.18*	-4.02***	-2.78**
		(0.08)	(0.62)	(0.95)
Right-wing		0.16	1.74***	0.09
		(0.13)	(0.23)	(0.70)
Theocratic		0.19	-0.24	0.55
		(0.15)	(0.32)	(0.52)
Constant	1.02***	1.07***	-1.69**	6.22***
	(0.29)	(0.30)	(0.54)	(1.73)
Observations	977	975	974	1,007

Note: DV is number of sponsors per organization-year (M1-2) or sponsorship by individual country (M3-4). Results from ordinary least squares or logistic regressions with robust standard errors. Egypt support model unable to run with ideology due to over-saturation (DV completely determined by predictors). *** p<0.001, ** p<0.01, * p<0.05

Table A7: Replication of Base Results with Control for Pre-Leader Assassination Attempt

	State Sponsors	State Sponsors
Leader Level		
Leader age	0.01***	0.01
	(0.00)	(0.01)
Education	-0.32***	-0.33***
	(0.04)	(0.09)
Military experience	-0.39***	-0.39
	(0.10)	(0.20)
Combat experience	-0.45***	-0.45
	(0.09)	(0.24)
International experience	0.63***	0.63***
	(0.05)	(0.18)
Pre-leader assassination attempt		-0.44
		(0.78)
Organization Level		
Rebels much weaker	0.06	0.05
	(0.09)	(0.23)
Rebels strong	-0.92*	-1.26**
	(0.38)	(0.43)
Centralized command	-0.34*	-0.40
	(0.15)	(0.30)
Government support	0.03	0.03
	(0.05)	(0.13)
Transnational constituency	0.21***	0.21
	(0.05)	(0.13)
Territorial control	0.10	0.11
	(0.08)	(0.22)
Multiple groups	-0.61***	-0.63**
	(0.11)	(0.24)
State Level		
International rivalry	0.62***	0.62**
	(0.08)	(0.19)
GDP per capita	0.00***	0.00*
	(0.00)	(0.00)
Polity score	-0.01	-0.01
	(0.01)	(0.02)
CINC score	-0.19***	-0.19
	(0.05)	(0.12)
Constant	1.02***	1.08
	(0.29)	(0.69)
Observations	977	961
R-squared	0.39	0.39

Note: DV is number of sponsors per organization-year. Results from OLS models with robust standard errors.
*** p<0.001, ** p<0.01, * p<0.05

Table A8: Replication of Base Results with Clustered Standard Errors

	Base Model (Robust S.E.'s)	Clustering by Organization	Clustering by Country
Leader Level			
Leader age	0.01***	0.01	0.01
	(0.00)	(0.01)	(0.01)
Education	-0.32***	-0.32***	-0.32**
	(0.04)	(0.09)	(0.09)
Military experience	-0.39***	-0.39	-0.39
	(0.10)	(0.20)	(0.24)
Combat experience	-0.45***	-0.45	-0.45*
	(0.09)	(0.24)	(0.22)
International experience	0.63***	0.63***	0.63**
	(0.05)	(0.17)	(0.18)
Organization Level			
Rebels much weaker	0.06	0.06	0.06
	(0.09)	(0.23)	(0.24)
Rebels strong	-0.92*	-0.92	-0.92
	(0.38)	(0.48)	(0.47)
Centralized command	-0.34*	-0.34	-0.34
	(0.15)	(0.28)	(0.26)
Government support	0.03	0.03	0.03
	(0.05)	(0.12)	(0.12)
Transnational constituency	0.21***	0.21	0.21
	(0.05)	(0.13)	(0.14)
Territorial control	0.10	0.10	0.10
	(0.08)	(0.21)	(0.22)
Multiple groups	-0.61***	-0.61*	-0.61**
	(0.11)	(0.23)	(0.23)
State Level			
International rivalry	0.62***	0.62**	0.62**
	(0.08)	(0.19)	(0.22)
GDP per capita	0.00***	0.00*	0.00***
	(0.00)	(0.00)	(0.00)
Polity score	-0.01	-0.01	-0.01
	(0.01)	(0.02)	(0.02)
CINC score	-0.19***	-0.19	-0.19
	(0.05)	(0.12)	(0.10)
Constant	1.02***	1.02	1.02
	(0.29)	(0.65)	(0.69)
Observations	977	977	977
R-squared	0.39	0.39	0.39

Note: DV is number of sponsors per organization-year. Results from OLS models with robust standard errors or with clustered standard errors by rebel organization and country.

*** p<0.001, ** p<0.01, * p<0.05

Table A9: Replication of Base Results with Alternative Model Choices

	OLS Regression	Negative Binomial	Poisson Model
Leader Level			
Leader age	0.01***	0.01**	0.01**
	(0.00)	(0.00)	(0.00)
Education	-0.32***	-0.23***	-0.23***
	(0.04)	(0.03)	(0.03)
Military experience	-0.39***	-0.57***	-0.57***
	(0.10)	(0.08)	(0.08)
Combat experience	-0.45***	-0.17**	-0.17**
	(0.09)	(0.06)	(0.06)
International experience	0.63***	0.39***	0.39***
	(0.05)	(0.03)	(0.03)
Organization Level			
Rebels much weaker	0.06	0.01	0.01
	(0.09)	(0.07)	(0.07)
Rebels strong	-0.92*	-0.91	-0.91
	(0.38)	(0.47)	(0.47)
Centralized command	-0.34*	-0.16	-0.16
	(0.15)	(0.09)	(0.09)
Government support	0.03	0.02	0.02
	(0.05)	(0.03)	(0.03)
Transnational constituency	0.21***	0.19***	0.19***
	(0.05)	(0.03)	(0.03)
Territorial control	0.10	-0.00	-0.00
	(0.08)	(0.06)	(0.06)
Multiple groups	-0.61***	-0.44***	-0.44***
	(0.11)	(0.08)	(0.08)
State Level			
International rivalry	0.62***	0.51***	0.51***
	(0.08)	(0.07)	(0.07)
GDP per capita	0.00***	0.00***	0.00***
	(0.00)	(0.00)	(0.00)
Polity score	-0.01	-0.02*	-0.02*
	(0.01)	(0.01)	(0.01)
CINC score	-0.19***	-0.15***	-0.15***
	(0.05)	(0.04)	(0.04)
Constant	1.02***	0.08	0.08
	(0.29)	(0.17)	(0.17)
Observations	977	977	977

Note: DV is number of sponsors per organization-year. Results from ordinary least squares, negative binomial, and Poisson regression models with robust standard errors..
*** $p<0.001$, ** $p<0.01$, * $p<0.05$

Table A10: Replication of Base Results with Alternative Operationalizations of DV

	Base Model (OLS)	Binary Support (Logit)	Strength of Support (Ordered Logit)
Leader Level			
Leader age	0.01***	0.01	-0.01
	(0.00)	(0.01)	(0.01)
Education	-0.32***	-0.61***	-0.56***
	(0.04)	(0.09)	(0.08)
Military experience	-0.39***	-1.36***	-0.95***
	(0.10)	(0.30)	(0.26)
Combat experience	-0.45***	0.26	0.36
	(0.09)	(0.25)	(0.21)
International experience	0.63***	0.84***	0.55***
	(0.05)	(0.12)	(0.11)
Organization Level			
Rebels much weaker	0.06	0.55*	-0.46**
	(0.09)	(0.22)	(0.18)
Rebels strong	-0.92*	-2.71***	-1.47**
	(0.38)	(0.71)	(0.52)
Centralized command	-0.34*	-1.82**	-0.05
	(0.15)	(0.62)	(0.28)
Government support	0.03	0.02	0.09
	(0.05)	(0.09)	(0.08)
Transnational constituency	0.21***	1.18***	0.63***
	(0.05)	(0.13)	(0.10)
Territorial control	0.10	0.83***	0.65***
	(0.08)	(0.19)	(0.18)
Multiple groups	-0.61***	-2.16***	-1.46***
	(0.11)	(0.31)	(0.26)
State Level			
International rivalry	0.62***	1.14***	1.09***
	(0.08)	(0.20)	(0.18)
GDP per capita	0.00***	-0.00	-0.00
	(0.00)	(0.00)	(0.00)
Polity score	-0.01	-0.04	0.01
	(0.01)	(0.02)	(0.02)
CINC score	-0.19***	-0.22	-0.05
	(0.05)	(0.11)	(0.11)
1st cutpoint			-2.38***
			(0.51)
2nd cutpoint			-1.62**
			(0.51)
Constant	1.02***	3.26***	
	(0.29)	(0.84)	
Observations	977	977	885

Note: DV is number of sponsors per organization-year. Results from ordinary least squares, logit, and ordered logit models with robust standard errors..
*** p<0.001, ** p<0.01, * p<0.05

Table A11: Replication of Base Results with UCDP Measures of External State Support

	Base Model	UCDP Binary	UCDP Ordinal
Leader Level			
Leader age	0.01***	-0.04***	-0.02**
	(0.00)	(0.01)	(0.01)
Education	-0.32***	-0.37***	-0.20**
	(0.04)	(0.09)	(0.07)
Military experience	-0.39***	-0.98**	-1.04***
	(0.10)	(0.31)	(0.21)
Combat experience	-0.45***	-1.21***	-0.69***
	(0.09)	(0.23)	(0.18)
International experience	0.63***	0.75***	0.46***
	(0.05)	(0.11)	(0.08)
Organization Level			
Rebels much weaker	0.06	-1.35***	-0.64***
	(0.09)	(0.21)	(0.18)
Rebels strong	-0.92*	-0.88	-1.11**
	(0.38)	(0.51)	(0.39)
Centralized command	-0.34*	-1.16*	-1.40**
	(0.15)	(0.46)	(0.47)
Government support	0.03	0.54***	0.48***
	(0.05)	(0.10)	(0.08)
Transnational constituency	0.21***	1.04***	0.67***
	(0.05)	(0.13)	(0.09)
Territorial control	0.10	0.20	0.51**
	(0.08)	(0.19)	(0.16)
Multiple groups	-0.61***	0.49*	0.10
	(0.11)	(0.23)	(0.19)
State Level			
International rivalry	0.62***	1.62***	0.98***
	(0.08)	(0.19)	(0.16)
GDP per capita	0.00***	-0.00	-0.00**
	(0.00)	(0.00)	(0.00)
Polity score	-0.01	-0.00	-0.01
	(0.01)	(0.02)	(0.02)
CINC score	-0.19***	-0.10	0.14
	(0.05)	(0.11)	(0.09)
1st cutpoint			-1.83**
			(0.66)
2nd cutpoint			-1.19
			(0.65)
Constant	1.02***	2.07**	
	(0.29)	(0.71)	
Observations	977	947	947

Note: DV is number of sponsors per organization-year. Results from ordinary least squares, logit, and ordered logit models with robust standard errors..
*** $p<0.001$, ** $p<0.01$, * $p<0.05$