

Dependent Variable:	All Fields			ln1p.cited.by.count Molecular Biology			Medicine		
	All PDB	High PDB	CEM	All PDB	High PDB	CEM	All PDB	High PDB	CEM
AlphaFold	0.695*** (0.069)	0.830*** (0.061)	0.037*** (0.018)	0.672*** (0.087)	0.812*** (0.090)	0.037*** (0.018)			0.037*** (0.018)
Counterfactual AI	0.657*** (0.077)	0.827*** (0.067)	0.013 (0.013)	0.709*** (0.112)	0.900*** (0.106)	0.013 (0.013)			0.013 (0.013)
Counterfactual No AI	0.719*** (0.098)	0.903*** (0.107)	0.183*** (0.038)	0.718*** (0.115)	0.906*** (0.109)	0.183*** (0.038)			0.183*** (0.038)
AlphaFold \times Method	-0.070** (0.028)	-0.064** (0.025)	0.124*** (0.025)	-0.063 (0.037)	-0.041 (0.043)	0.124*** (0.025)			0.124*** (0.025)
Counterfactual AI \times Method	0.069 (0.055)	0.001 (0.048)	-0.011 (0.029)	0.056 (0.070)	0.003 (0.092)	-0.011 (0.029)			-0.011 (0.029)
Counterfactual No AI \times Method	0.096 (0.090)	0.110 (0.098)	0.049* (0.026)	0.087 (0.118)	0.107 (0.115)	0.049* (0.026)			0.049* (0.026)
<i>Fixed-effects</i>									
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes			Yes
institution	Yes	Yes	Yes	Yes	Yes	Yes			Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes			Yes
institution_country_code	Yes	Yes	Yes	Yes	Yes	Yes			Yes
<i>Fit statistics</i>									
Observations	27,288	14,868	114,948	14,529	8,666	114,948	2	2	114,948
Mean(Dep. Var.)	1.389	1.553	1.504	1.410	1.566	1.504	0.500	0.500	1.504
R ²	0.40	0.39	0.41	0.41	0.41	0.41			0.41

Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Dependent Variable:	All Fields			ln1p.fwci Molecular Biology			Medicine		
	All PDB	High PDB	CEM	All PDB	High PDB	CEM	All PDB	High PDB	CEM
AlphaFold	0.459*** (0.030)	0.496*** (0.051)	0.416*** (0.074)	0.473*** (0.041)	0.473*** (0.063)	0.503*** (0.121)	0.289** (0.137)	0.371 (0.279)	0.190 (0.259)
Counterfactual AI	0.377*** (0.035)	0.380*** (0.064)	0.346*** (0.066)	0.362*** (0.045)	0.354*** (0.064)	0.425*** (0.087)	0.289** (0.124)	0.357 (0.267)	0.378 (0.251)
Counterfactual No AI	0.421*** (0.030)	0.446*** (0.053)	0.406*** (0.052)	0.424*** (0.041)	0.427*** (0.067)	0.506*** (0.103)	0.319** (0.120)	0.358* (0.202)	0.396** (0.170)
AlphaFold \times Method	-0.013 (0.024)	-0.031 (0.022)	0.039 (0.047)	-0.048* (0.027)	-0.061** (0.027)	-0.020 (0.055)	0.057 (0.115)	0.004 (0.095)	0.204 (0.221)
Counterfactual AI \times Method	0.011 (0.040)	0.073 (0.067)	0.049 (0.064)	-0.025 (0.053)	0.021 (0.069)	0.040 (0.083)	0.051 (0.163)	0.110 (0.284)	-0.045 (0.170)
Counterfactual No AI \times Method	0.021 (0.049)	0.074 (0.050)	0.050 (0.064)	0.020 (0.104)	0.111 (0.123)	0.089 (0.141)	0.008 (0.118)	-0.108 (0.168)	0.119 (0.209)
<i>Fixed-effects</i>									
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_country_code	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<i>Fit statistics</i>									
Observations	16,060	8,642	6,422	8,036	4,820	3,487	2,869	1,577	1,138
R ²	0.31	0.33	0.38	0.37	0.37	0.43	0.54	0.57	0.67
Mean(Dep. Var.)	0.835	0.937	0.916	0.770	0.867	0.851	0.950	1.117	1.017

Clustered (author & quarter_year) standard-errors in parentheses

Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Dependent Variable:	All Fields		Molecular Biology	Medicine
	All PDB	High PDB		
AlphaFold	0.006 (0.007)	0.007 (0.007)		
Counterfactual AI	0.007 (0.007)	0.007 (0.007)		
Counterfactual No AI	0.019 (0.015)	0.019 (0.015)		
AlphaFold \times Method	0.0010 (0.002)	0.0010 (0.002)		
Counterfactual AI \times Method	-0.008 (0.005)	-0.008 (0.005)		
Counterfactual No AI \times Method	-0.008 (0.007)	-0.008 (0.007)		
<i>Fixed-effects</i>				
quarter_year	Yes	Yes		
institution	Yes	Yes		
institution_type	Yes	Yes		
institution_country_code	Yes	Yes		
<i>Fit statistics</i>				
Observations	27,288	14,868		
R ²	0.17	0.17		
Mean(Dep. Var.)	0.018	0.018		

Clustered (author & quarter_year) standard-errors in parentheses

Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Dependent Variable:	All Fields			lnIp_patent_citation Molecular Biology			Medicine		
	All PDB	High PDB	CEM	All PDB	High PDB	CEM	All PDB	High PDB	CEM
AlphaFold	0.379 (0.786)	0.795 (2.11)							
Counterfactual AI	0.361 (1.04)	0.314 (1.90)							
Counterfactual No AI	0.321 (0.856)	-0.009 (1.47)							
AlphaFold \times Method	0.212 (0.244)	0.201 (0.626)							
Counterfactual AI \times Method	-0.359 (0.565)	-0.359 (2.08)							
Counterfactual No AI \times Method	0.170 (0.398)	0.271 (0.912)							
<i>Fixed-effects</i>									
quarter_year	Yes	Yes							
institution	Yes	Yes							
institution_type	Yes	Yes							
institution_country_code	Yes	Yes							
<i>Fit statistics</i>									
Observations	479	328	2	2	2	2	2	2	2
Mean(Dep. Var.)	0.458	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
R ²	0.82	0.85							

Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Dependent Variable:	All Fields			lnIp_ca.count Molecular Biology			Medicine		
	All PDB	High PDB	CEM	All PDB	High PDB	CEM	All PDB	High PDB	CEM
AlphaFold	0.005 (0.003)	0.004 (0.005)	0.007* (0.004)	0.0009 (0.002)	-0.0009 (0.002)	0.002 (0.003)	0.015 (0.016)	0.017 (0.029)	0.029 (0.033)
Counterfactual AI	0.0003 (0.002)	-0.003 (0.002)	0.001 (0.003)	-0.002 (0.003)	-0.002 (0.003)	-0.003 (0.003)	-0.001 (0.010)	-0.022 (0.022)	0.0006 (0.031)
Counterfactual No AI	0.013* (0.007)	0.017 (0.011)	0.023** (0.010)	0.002 (0.003)	0.003 (0.003)	0.004 (0.003)	0.050* (0.028)	0.060 (0.044)	0.095* (0.055)
AlphaFold \times Method	0.0007 (0.001)	0.001 (0.0009)	0.00003 (0.001)	-0.00008 (0.002)	-0.001 (0.0008)	-0.003 (0.003)	0.006 (0.004)	0.005 (0.006)	0.018 (0.022)
Counterfactual AI \times Method	0.0003 (0.002)	-0.0003 (0.003)	0.002 (0.002)	-0.002 (0.001)	-0.001 (0.002)	0.0002 (0.0005)	0.011 (0.016)	0.037 (0.025)	0.034 (0.029)
Counterfactual No AI \times Method	0.005 (0.007)	0.005 (0.007)	0.010 (0.008)	-0.005** (0.002)	-0.006** (0.003)	-0.005*** (0.002)	0.012 (0.028)	-0.002 (0.033)	0.019 (0.046)
<i>Fixed-effects</i>									
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_country_code	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<i>Fit statistics</i>									
Observations	27,288	14,868	9,808	14,529	8,666	5,713	4,641	2,556	1,600
R ²	0.29	0.25	0.28	0.25	0.34	0.40	0.42	0.33	0.40
Mean(Dep. Var.)	0.004	0.004	0.006	0.001	0.001	0.002	0.013	0.014	0.025

Clustered (author & quarter_year) standard-errors in parentheses

Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Dependent Variable:	All Fields		
	All PDB	High PDB	
AlphaFold	0.044*** (0.013)	0.044*** (0.013)	0.044*** (0.013)
Counterfactual AI	-0.003 (0.008)	-0.003 (0.008)	-0.003 (0.008)
Counterfactual No AI	-0.015** (0.006)	-0.015** (0.006)	-0.015** (0.006)
AlphaFold \times Method	-0.015 (0.009)	-0.015 (0.009)	-0.015 (0.009)
Counterfactual AI \times Method	-0.009 (0.013)	-0.009 (0.013)	-0.009 (0.013)
Counterfactual No AI \times Method	-0.015 (0.010)	-0.015 (0.010)	-0.015 (0.010)
<i>Fixed-effects</i>			
quarter_year	Yes	Yes	Yes
institution	Yes	Yes	Yes
institution_type	Yes	Yes	Yes
institution_country_code	Yes	Yes	Yes
<i>Fit statistics</i>			
Observations	27,288	14,868	9,808
R ²	0.17	0.25	0.28
Mean(Dep. Var.)	0.073	0.004	0.006

Clustered (author & quarter_year) standard-errors in parentheses

Signif. Codes: ***: 0.01, **: 0.05, *: 0.1