

Dependent Variable:	ln1p_cited_by_count								
	All Fields			Molecular Biology			Medicine		
	All PDB	High PDB	CEM	All PDB	High PDB	CEM	All PDB	High PDB	CEM
AlphaFold	0.132***	0.176***	0.141***	0.097***	0.206***	0.141***	0.215***	0.108*	0.141***
(0.020)	(0.037)	(0.017)	(0.025)	(0.043)	(0.017)	(0.026)	(0.062)	(0.017)	(0.017)
Counterfactual AI	0.060**	0.036	0.061**	0.073*	0.023	0.061**	0.081**	-0.126	0.061**
(0.023)	(0.040)	(0.023)	(0.036)	(0.053)	(0.023)	(0.033)	(0.080)	(0.080)	(0.023)
Counterfactual No AI	0.166***	0.165***	0.173***	0.059**	0.142***	0.173***	0.198***	0.127	0.173***
(0.035)	(0.048)	(0.033)	(0.023)	(0.051)	(0.033)	(0.047)	(0.082)	(0.033)	(0.033)
AlphaFold - Method	0.006	-0.027**	0.015	0.021*	-0.003	0.015	-0.007	-0.030**	0.015
(0.013)	(0.011)	(0.014)	(0.011)	(0.021)	(0.014)	(0.013)	(0.012)	(0.012)	(0.014)
Counterfactual AI - Method	-0.017	0.033	0.012	-0.014	0.057	0.012	0.024	0.125	0.012
(0.020)	(0.051)	(0.021)	(0.030)	(0.077)	(0.021)	(0.037)	(0.121)	(0.021)	(0.021)
Counterfactual No AI - Method	0.028	-0.010	0.035*	-0.009	-0.001	0.035*	0.013	-0.029	0.035*
(0.017)	(0.021)	(0.018)	(0.026)	(0.027)	(0.018)	(0.017)	(0.018)	(0.018)	(0.018)
field_agriculturalLand_biological_sciences	13.3***	12.5***	13.6***	15.4***	17.1***	13.6***	21.2***	18.6*	13.6***
(1.61)	(3.17)	(1.84)	(1.60)	(3.61)	(1.84)	(2.73)	(9.68)	(1.84)	(1.84)
field_arts_and_humanities	1.11	19.2	1.74	29.8	69.4	1.74	-0.505	-37.8	1.74
(2.27)	(15.2)	(2.56)	(17.9)	(58.8)	(2.56)	(18.6)	(79.6)	(2.56)	(2.56)
field_biochemistry_genetics_and_molecular_biology	7.56***	7.97***	7.39***	7.01***	6.72***	7.39***	3.91*	10.6***	7.39***
(2.13)	(1.72)	(2.04)	(1.44)	(1.42)	(2.04)	(1.95)	(3.03)	(2.04)	(2.04)
field_business_management_and_accounting	10.7	32.3**	5.91	20.3*	16.7	5.91	13.2	147.5	5.91
(6.46)	(15.5)	(7.51)	(11.2)	(34.8)	(7.51)	(10.9)	(112.9)	(7.51)	(7.51)
field_chemical_engineering	25.8***	51.2***	26.9***	31.4**	65.6***	26.9***	18.1	124.5*	26.9***
(5.74)	(19.9)	(6.13)	(12.0)	(22.3)	(6.13)	(21.1)	(67.4)	(6.13)	(6.13)
field_chemistry	12.3***	10.6***	14.0***	11.8***	12.1***	14.0***	10.7***	8.16	14.0***
(1.25)	(2.66)	(1.28)	(1.76)	(3.80)	(1.28)	(3.10)	(8.39)	(1.28)	(1.28)
field_computer_science	11.8***	10.0*	13.9***	8.58***	-2.44	13.9***	3.76	17.0	13.9***
(1.94)	(5.90)	(1.88)	(3.11)	(7.97)	(1.88)	(7.18)	(13.7)	(1.88)	(1.88)
field_decision_sciences	-1.50	-14.8	-4.71*	4.33	5.36	-4.71*	13.3	-40.0	-4.71*
(3.98)	(20.4)	(2.78)	(11.5)	(30.4)	(2.78)	(19.0)	(95.4)	(2.78)	(2.78)
field_dentistry	19.0***	56.2***	19.0***	23.6***	57.0***	19.0***	32.2***	51.5	19.0***
(3.79)	(10.5)	(3.95)	(7.50)	(20.5)	(3.95)	(7.20)	(40.6)	(3.95)	(3.95)
field_earth_and_planetary_sciences	-5.07***	-8.65**	-5.69***	-5.30	-16.1	-5.69***	-16.5	-39.8	-5.69***
(1.74)	(3.18)	(1.74)	(6.25)	(17.3)	(1.74)	(30.7)	(40.9)	(1.74)	(1.74)
field_economics_econometrics_and_finance	11.9***	19.3	15.5***	-6.28	-33.6	15.5***	9.74*	9.18	15.5***
(3.20)	(22.6)	(3.37)	(11.3)	(32.0)	(3.37)	(5.76)	(30.5)	(3.37)	(3.37)
field_energy	25.2***	12.3**	23.5***	25.2***	18.3*	23.5***	49.5***	-46.3	23.5***
(3.10)	(5.09)	(2.93)	(5.24)	(9.38)	(2.93)	(15.0)	(43.0)	(2.93)	(2.93)
field_engineering	17.9***	8.81**	17.6***	17.0***	14.9***	17.6***	22.3***	5.14	17.6***
(1.59)	(3.92)	(1.67)	(1.65)	(4.33)	(1.67)	(3.64)	(10.7)	(1.67)	(1.67)
field_environmental_science	14.1***	10.2**	14.2***	14.4***	14.1**	14.2***	17.7***	7.90	14.2***
(1.02)	(3.76)	(1.18)	(2.17)	(5.18)	(1.18)	(4.62)	(10.5)	(1.18)	(1.18)
field_health_professions	4.38	-2.32	2.70	9.51	28.2	2.70	4.47	-17.0	2.70
(2.75)	(17.5)	(2.98)	(7.41)	(22.1)	(2.98)	(4.62)	(21.9)	(2.98)	(2.98)
field_immunology_and_microbiology	9.69***	8.96***	10.4***	14.9***	13.2***	10.4***	7.15**	13.0**	10.4***
(2.60)	(2.72)	(2.33)	(1.71)	(3.75)	(2.33)	(2.95)	(5.42)	(2.33)	(2.33)
field_materials_science	9.45***	2.09	8.32***	17.1***	4.16	8.32***	15.5***	17.4	8.32***
(1.72)	(1.49)	(1.81)	(2.35)	(4.12)	(1.81)	(3.70)	(10.3)	(1.81)	(1.81)
field_mathematics	46.4***	82.3***	46.5***	11.8	70.7**	46.5***	50.3***	60.7**	46.5***
(5.79)	(17.1)	(6.36)	(11.8)	(26.5)	(6.36)	(6.43)	(26.4)	(6.36)	(6.36)
field_medicine	10.6***	11.8***	10.9***	7.85***	9.53***	10.9***	11.2**	9.07***	10.9***
(2.10)	(2.05)	(2.05)	(1.47)	(2.48)	(2.05)	(0.941)	(2.15)	(2.05)	(2.05)
field_neuroscience	13.3**	17.7***	13.6***	12.9***	23.3***	13.6***	18.5***	11.6	13.6***
(1.27)	(3.64)	(1.21)	(3.60)	(4.58)	(1.21)	(2.39)	(8.74)	(1.21)	(1.21)
field_nursing	14.3***	11.3*	13.3***	9.71**	8.25	13.3***	15.0***	23.3	13.3***
(1.71)	(5.96)	(1.87)	(3.92)	(9.35)	(1.87)	(4.36)	(21.4)	(1.87)	(1.87)
field_pharmacology_toxicology_and_pharmaceutics	9.68***	6.28	9.19***	10.4**	7.78	9.19***	5.25	0.780	9.19***
(2.70)	(5.67)	(3.20)	(5.05)	(7.10)	(3.20)	(5.35)	(15.8)	(3.20)	(3.20)
field_physics_and_astronomy	5.74***	11.3**	5.87***	8.12	14.2	5.87***	-4.48	44.4*	5.87***
(1.36)	(4.58)	(1.36)	(5.09)	(10.9)	(1.36)	(7.66)	(21.3)	(1.36)	(1.36)
field_psychology	21.6***	-1.56	22.9***	18.3***	2.04	22.9***	23.8***	34.2	22.9***
(3.80)	(13.9)	(3.56)	(6.08)	(23.5)	(3.56)	(4.41)	(32.6)	(3.56)	(3.56)
field_social_sciences	14.0***	16.0	14.8***	5.35	19.3	14.8***	10.2	58.1	14.8***
(2.62)	(12.0)	(2.79)	(4.90)	(12.4)	(2.79)	(6.71)	(36.7)	(2.79)	(2.79)
field_veterinary	5.11	-7.06	4.53	-15.4	-21.5	4.53	5.83	-36.8	4.53
(3.68)	(13.7)	(3.64)	(11.3)	(36.0)	(3.64)	(7.30)	(23.3)	(3.64)	(3.64)
mesh_	59.7***	118.8***	70.3***	59.4***	54.7	70.3***	79.8***	182.6***	70.3***
(9.27)	(34.3)	(9.34)	(14.9)	(47.3)	(9.34)	(21.2)	(62.6)	(9.34)	(9.34)
mesh_A	9.34***	15.2***	9.15***	12.2***	18.1***	9.15***	10.8***	16.4***	9.15***
(0.757)	(2.77)	(0.809)	(1.08)	(3.59)	(0.809)	(1.77)	(3.82)	(0.809)	(0.809)
mesh_B	8.93***	12.0***	8.74***	11.2***	7.85**	8.74***	19.0***	20.1***	8.74***
(0.755)	(2.10)	(0.729)	(1.22)	(2.97)	(0.729)	(2.42)	(5.48)	(0.729)	(0.729)
mesh_C	10.9***	18.9***	11.1***	11.3***	15.3***	11.1***	10.6***	25.1***	11.1***
(1.10)	(2.78)	(1.10)	(1.18)	(2.91)	(1.10)	(1.25)	(6.44)	(1.10)	(1.10)
mesh_D	3.49***	5.66***	3.72***	2.80***	5.65***	3.72***	6.51***	3.72***	3.72***
(0.383)	(0.810)	(0.438)	(0.499)	(1.04)	(0.438)	(0.614)	(1.85)	(0.438)	(0.438)
mesh_E	3.60***	9.38***	3.83***	3.53**	7.35*	3.83***	4.62**	16.3*	3.83***
(0.901)	(2.94)	(0.940)	(1.47)	(3.80)	(0.940)	(1.74)	(8.21)	(0.940)	(0.940)
mesh_F	8.71***	0.230	8.45***	11.0***	10.1	8.45***	15.0***	12.5	8.45***
(1.81)	(7.93)	(2.01)	(2.95)	(10.2)	(2.01)	(3.37)	(13.1)	(2.01)	(2.01)
mesh_G	9.80***	7.77***	9.28***	11.0***	8.12***	9.28***	14.0***	6.53	9.28***
(0.718)	(1.97)	(0.713)	(0.905)	(2.25)	(0.713)	(1.69)	(5.18)	(0.713)	(0.713)
mesh_H	18.7***	36.6***	15.4***	20.1***	43.8***	15.4***	27.1***	41.8	15.4***
(2.63)	(9.81)	(2.61)	(5.19)	(15.2)	(2.61)	(9.83)	(47.9)	(2.61)	(2.61)
mesh_I	-0.519	23.3	-1.87	5.66	74.5	-1.87	-0.795	-12.6	-1.87
(5.08)	(49.3)	(4.70)	(8.12)	(66.2)	(4.70)	(11.4)	(82.7)	(4.70)	(4.70)
mesh_J	4.42***	23.5***	4.88***	7.45***	23.3***	4.88***	14.7***	-18.3	4.88***
(1.17)	(4.74)	(1.41)	(2.13)	(5.99)	(1.41)	(4.70)	(20.7)	(1.41)	(1.41)
mesh_K	-12.3*	13.4	-31.2**	10.7	69.0	-31.2**	-77.4**	-345.3**	-31.2**
(7.06)	(47.5)	(15.1)	(25.4)	(59.9)	(15.1)	(35.9)	(161.3)	(15.1)	(15.1)
mesh_L	14.4***	27.0***	13.2***	16.6***	27.7***	13.2***	21.4***	-11.0	13.2***
(1.36)	(5.84)	(1.51)	(2.50)	(7.55)	(1.51)	(4.57)	(18.4)	(1.51)	(1.51)
mesh_M	12.5***	33.9***	12.4***	13.9***	1.65	12.4***	15.8***	46.2***	12.4***
(1.93)	(8.85)	(1.77)	(3.64)	(11.9)	(1.77)	(2.65)	(15.9)	(1.77)	(1.77)
mesh_N	12.5***	28.2***	12.1***	19.0***	24.6**	12.1***	19.7***	32.0*	12.1***
(0.983)	(7.22)	(1.04)	(2.88)	(9.33)	(1.04)	(2.62)	(17.1)	(1.04)	(1.04)
mesh_Z	0.354	-24.3	-0.085	-4.08	22.5	-0.085	-8.47*	-34.9	-0.085
(2.73)	(18.4)	(2.08)	(8.06)	(25.2)	(2.08)	(4.92)	(35.4)	(2.08)	(2.08)
mesh_n	6.15*	-10.1	5.79*	9.69*	16.7	5.79*	9.20*	-28.6	5.79*
(3.13)	(11.0)	(2.89)	(4.89)	(14.4)	(2.89)	(5.32)	(22.8)	(2.89)	(2.89)
AlphaFold × Counterfactual AI	0.019	-0.055	0.010	0.019	-0.063	0.010	-0.078	-0.083	0.010
(0.032)	(0.120)	(0.041)	(0.073)	(0.139)	(0.041)	(0.058)	(0.183)	(0.041)	(0.041)
AlphaFold × Counterfactual No AI	0.027	0.073	0.016	0.032	0.007	0.016	-0.025	0.121	0.016
(0.056)	(0.087)	(0.059)	(0.052)	(0.109)	(0.059)	(0.061)	(0.106)	(0.059)	(0.059)
AlphaFold - Method × Counterfactual AI - Method	-0.009	-0.022	-0.048	-0.045	-0.109***	-0.048	0.003	0.019	-0.048
(0.031)	(0.041)	(0.046)	(0.056)	(0.039)	(0.046)	(0.046)	(0.052)	(0.046)	(0.046)
AlphaFold - Method × Counterfactual No AI - Method	-0.003**	0.0002	-0.009**	-0.0009	-0.0007	-0.009**	-0.003*	0.0010	-0.009**
(0.002)	(0.001)	(0.004)	(0.001)	(0.002)	(0.004)	(0.002)	(0.003)	(0.004)	(0.004)
Fixed-effects									
pl_id	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_cited_by_count	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Dependent Variable:	Inlp_cit_0								
	All Fields			Molecular Biology			Medicine		
	All PDB	High PDB	CEM	All PDB	High PDB	CEM	All PDB	High PDB	CEM
AlphaFold	0.136*** (0.028)	0.197*** (0.047)	0.127*** (0.026)	0.070*** (0.026)	0.178*** (0.052)	0.127*** (0.026)	0.225*** (0.049)	0.168*** (0.079)	0.127*** (0.026)
Counterfactual AI	0.083*** (0.026)	0.068 (0.043)	0.082*** (0.023)	0.087*** (0.035)	0.066* (0.038)	0.082*** (0.023)	0.157*** (0.044)	-0.086 (0.106)	0.082*** (0.023)
Counterfactual No AI	0.209*** (0.064)	0.279*** (0.100)	0.207*** (0.057)	0.090*** (0.032)	0.156* (0.077)	0.207*** (0.057)	0.269*** (0.082)	0.239* (0.138)	0.207*** (0.057)
AlphaFold - Method	-0.014 (0.018)	-0.028* (0.016)	-0.006 (0.018)	0.024* (0.013)	0.018 (0.023)	-0.006 (0.018)	-0.031 (0.019)	-0.035** (0.016)	-0.006 (0.018)
Counterfactual AI - Method	-0.011 (0.021)	0.052 (0.047)	0.004 (0.024)	-0.009 (0.028)	0.040 (0.069)	0.004 (0.024)	-0.003 (0.043)	0.169 (0.122)	0.004 (0.024)
Counterfactual No AI - Method	0.034 (0.024)	0.022 (0.026)	0.037 (0.024)	0.015 (0.019)	-0.014 (0.020)	0.037 (0.034)	0.014 (0.020)	0.004 (0.021)	0.037 (0.024)
field_agricultural_and_biological_sciences	9.76*** (1.39)	10.5*** (2.76)	9.83*** (1.53)	10.8*** (1.64)	12.9*** (3.68)	9.83*** (1.53)	19.0*** (2.86)	18.8*** (9.19)	9.83*** (1.53)
field_arts_and_humanities	2.91 (2.67)	15.2 (10.4)	3.50 (2.99)	35.8*** (12.6)	99.8*** (43.7)	3.50 (2.99)	-2.75 (17.2)	-11.7 (49.8)	3.50 (2.99)
field_biochemistry_genetics_and_molecular_biology	5.24*** (1.45)	5.62*** (1.34)	5.11*** (1.35)	5.09*** (1.01)	5.13*** (1.09)	5.11*** (1.35)	0.136 (1.18)	3.09 (3.59)	5.11*** (1.35)
field_business_management_and_accounting	4.98 (5.40)	31.9 (22.2)	2.16 (6.21)	5.69 (13.0)	16.5 (39.2)	2.16 (6.21)	2.65 (8.30)	9.15 (113.5)	2.16 (6.21)
field_chemical_engineering	18.67*** (4.11)	20.6 (15.1)	18.8*** (4.30)	14.1 (8.75)	24.5 (23.7)	18.8*** (4.30)	2.77 (22.6)	-78.7 (87.4)	18.8*** (4.30)
field_chemistry	8.62*** (0.977)	8.95*** (2.29)	9.97*** (1.06)	6.83*** (1.37)	8.83*** (2.69)	9.97*** (1.06)	3.92 (3.21)	7.70 (7.09)	9.97*** (1.06)
field_computer_science	9.89*** (1.66)	7.02 (6.43)	11.4*** (1.67)	7.16* (2.96)	-2.37 (7.36)	11.4*** (1.67)	6.16 (6.09)	9.41 (13.4)	11.4*** (1.67)
field_decision_sciences	2.13 (2.17)	-11.6 (21.0)	0.052 (1.95)	-1.77 (7.08)	0.468 (34.9)	0.052 (1.95)	-0.107 (17.1)	46.2 (44.8)	0.052 (1.95)
field_dentistry	8.09*** (3.37)	24.1*** (7.57)	7.80*** (3.78)	-2.31 (7.55)	27.7 (17.9)	7.80*** (3.78)	15.8*** (7.29)	7.92 (25.7)	7.80*** (3.78)
field_earth_and_planetary_sciences	-3.32*** (1.53)	-4.52 (3.19)	-3.31** (1.51)	9.03 (6.06)	15.1 (19.3)	-3.31** (1.51)	-31.5 (25.2)	-70.2 (40.7)	-3.31** (1.51)
field_economics_econometrics_and_finance	14.22*** (3.23)	35.5* (19.3)	16.6*** (3.32)	3.61 (10.3)	50.1 (47.3)	16.6*** (3.32)	9.33* (4.66)	18.8 (35.2)	16.6*** (3.32)
field_energy	19.7*** (2.93)	3.34 (4.73)	18.7*** (2.86)	14.0*** (9.44)	5.27 (9.34)	18.7*** (2.86)	30.1* (17.3)	-47.7 (33.6)	18.7*** (2.86)
field_engineering	12.1*** (1.14)	4.78* (2.73)	11.7*** (1.23)	9.37*** (1.61)	6.76* (3.81)	11.7*** (1.23)	13.0*** (2.73)	-3.74 (12.9)	11.7*** (1.23)
field_environmental_sciences	9.54*** (0.986)	4.35 (3.10)	9.33*** (1.14)	16.1*** (1.84)	9.33*** (3.92)	4.35 (3.10)	-6.62 (3.77)	9.33*** (1.14)	16.1*** (1.84)
field_health_professions	3.22 (2.25)	-10.6 (15.5)	2.70 (2.40)	5.82 (6.60)	2.19 (21.1)	2.70 (2.40)	-1.38 (3.94)	-39.2** (2.70)	2.70 (2.40)
field_immunology_and_microbiology	4.76*** (1.68)	6.20*** (2.50)	5.10*** (1.46)	8.44*** (1.18)	10.1*** (3.16)	5.10*** (1.46)	1.66 (2.08)	7.45 (4.47)	5.10*** (1.46)
field_materials_sciences	7.43*** (1.12)	1.72 (1.27)	6.70*** (1.24)	10.4*** (2.04)	3.17 (3.01)	6.70*** (1.24)	10.6*** (4.06)	7.52 (6.70)	6.70*** (1.24)
field_mathematics	63.3*** (9.45)	96.9*** (22.9)	64.1*** (9.37)	13.4 (9.30)	70.7*** (27.2)	64.1*** (9.37)	70.2*** (10.7)	76.0*** (33.2)	64.1*** (9.37)
field_medicine	8.87*** (1.71)	12.1*** (2.30)	8.86*** (1.65)	4.50*** (1.02)	5.80*** (2.03)	8.86*** (1.65)	8.15*** (0.845)	8.19*** (2.68)	8.86*** (1.65)
field_neuroscience	8.08*** (1.09)	12.6*** (3.38)	8.30*** (0.989)	9.38*** (1.43)	17.9*** (3.98)	8.30*** (0.989)	8.62*** (2.50)	-7.23 (10.0)	8.30*** (0.989)
field_nursing	8.05*** (1.67)	4.16 (5.46)	7.88*** (1.78)	3.66 (3.51)	7.41 (7.58)	7.88*** (1.78)	4.08 (4.32)	-3.01 (23.5)	7.88*** (1.78)
field_pharmacology_toxicology_and_pharmaceutics	5.76*** (2.04)	4.64 (3.99)	5.71*** (2.48)	5.39 (4.73)	5.99 (5.80)	5.71*** (2.48)	-0.601 (9.23)	9.23 (26.3)	5.71*** (2.48)
field_physics_and_astronomy	5.12*** (1.14)	8.13* (3.30)	5.31*** (1.12)	8.61*** (4.04)	14.3*** (6.36)	5.31*** (1.12)	-3.35 (5.10)	4.7 (24.4)	5.31*** (1.12)
field_psychology	15.7*** (3.51)	-16.0 (11.8)	15.0*** (3.21)	13.4 (7.23)	15.0*** (19.1)	15.0*** (3.21)	15.0*** (3.21)	15.0*** (34.1)	15.0*** (3.21)
field_social_sciences	13.0*** (2.89)	16.4 (10.2)	13.3*** (3.01)	0.617 (4.80)	7.59 (12.4)	13.3*** (3.01)	12.1 (7.39)	42.3 (35.8)	13.3*** (3.01)
field_veterinary	-6.11* (3.09)	1.12 (11.5)	-7.88*** (2.78)	-8.08 (8.58)	1.27 (31.5)	-7.88*** (2.78)	-18.2*** (6.19)	-26.6 (29.0)	-7.88*** (2.78)
mesh_	55.9*** (8.84)	121.9*** (33.5)	65.3*** (11.1)	52.2*** (12.1)	36.3 (40.4)	65.3*** (11.1)	67.5*** (18.0)	187.0*** (76.3)	65.3*** (11.1)
mesh_A	4.36*** (0.668)	7.69*** (2.21)	4.09*** (0.699)	6.65*** (0.922)	10.7*** (2.91)	4.09*** (0.699)	3.88*** (1.51)	7.07 (4.36)	4.09*** (0.699)
mesh_B	7.04*** (0.666)	9.30*** (2.13)	6.88*** (0.656)	7.70*** (1.03)	6.13* (2.62)	6.88*** (0.656)	17.0*** (2.10)	16.3*** (5.62)	6.88*** (0.656)
mesh_C	6.69*** (1.30)	9.40*** (3.16)	6.59*** (1.27)	5.27*** (1.04)	7.05 (2.79)	6.59*** (1.27)	7.34*** (1.58)	18.5* (7.35)	6.59*** (1.27)
mesh_D	2.19*** (0.341)	3.86*** (0.602)	2.34*** (0.371)	1.54*** (0.400)	3.42*** (0.718)	2.34*** (0.371)	4.40*** (0.582)	4.98*** (1.82)	2.34*** (0.371)
mesh_E	2.76*** (0.597)	7.44*** (2.42)	2.80*** (0.593)	4.02*** (1.05)	8.69*** (2.59)	2.80*** (0.593)	2.30 (1.45)	11.7 (7.77)	2.80*** (0.593)
mesh_F	1.91 (1.22)	-5.72 (7.62)	1.31 (1.20)	3.77 (9.28)	1.62 (7.01)	1.31 (1.20)	4.45* (1.20)	7.76 (15.8)	1.31 (1.20)
mesh_G	6.58*** (0.703)	5.16*** (1.66)	5.96*** (0.707)	7.41*** (0.828)	4.71*** (1.67)	5.96*** (0.707)	9.66*** (1.53)	8.58* (4.50)	5.96*** (0.707)
mesh_H	14.6*** (2.22)	28.8*** (6.70)	11.7*** (2.35)	17.6*** (3.95)	35.6*** (9.89)	11.7*** (2.35)	23.3*** (7.91)	42.7 (41.4)	11.7*** (2.35)
mesh_I	-1.48 (3.02)	22.8 (50.2)	-2.77 (2.44)	-3.49 (8.41)	88.7* (52.4)	-2.77 (2.44)	-2.05 (9.24)	12.2 (74.1)	-2.77 (2.44)
mesh_J	1.19 (0.742)	12.1*** (4.92)	1.35 (0.865)	3.07* (1.57)	14.4*** (5.67)	1.35 (0.865)	2.14 (3.78)	-8.29 (21.6)	1.35 (0.865)
mesh_K	2.77 (4.81)	-17.6 (42.8)	-10.3 (10.5)	-3.96 (17.5)	0.776 (50.9)	-10.3 (10.5)	-15.7 (24.9)	-167.0 (215.6)	-10.3 (10.5)
mesh_L	9.55*** (1.01)	16.7*** (4.75)	8.78*** (1.13)	9.85*** (1.54)	18.2*** (5.69)	8.78*** (1.13)	15.2*** (3.77)	-13.7 (16.1)	8.78*** (1.13)
mesh_M	8.30*** (1.65)	29.8*** (9.89)	7.27*** (1.64)	5.78* (3.02)	-3.20 (11.1)	7.27*** (1.64)	12.0*** (1.94)	31.9* (12.2)	7.27*** (1.64)
mesh_N	8.14*** (1.01)	27.7*** (8.09)	7.79*** (0.977)	13.0*** (2.29)	26.4*** (10.4)	7.79*** (0.977)	13.7*** (2.35)	38.9*** (13.8)	7.79*** (0.977)
mesh_Z	3.15 (1.98)	-14.0 (21.3)	2.80 (2.00)	-3.44 (6.54)	-5.41 (25.0)	2.80 (2.00)	-3.56 (4.54)	-11.0 (39.1)	2.80 (2.00)
mesh_n	4.93* (2.62)	2.69 (11.2)	4.98* (2.54)	9.04*** (4.26)	14.5 (19.4)	4.98* (2.54)	5.71 (8.58)	4.98* (19.6)	9.04*** (2.54)
AlphaFold × Counterfactual AI	0.056* (0.030)	-0.091 (0.097)	0.021 (0.034)	0.017 (0.061)	-0.147 (0.094)	0.021 (0.034)	-0.008 (0.066)	-0.061 (0.263)	0.017 (0.034)
AlphaFold × Counterfactual No AI	0.003 (0.101)	-0.004 (0.158)	0.002 (0.099)	0.013 (0.045)	-0.025 (0.115)	0.002 (0.099)	-0.054 (0.115)	0.071 (0.196)	0.003 (0.099)
AlphaFold - Method × Counterfactual AI - Method	-0.005 (0.030)	-0.018 (0.049)	-0.043 (0.039)	-0.032 (0.064)	-0.108* (0.043)	-0.043 (0.039)	0.001 (0.041)	-0.006 (0.063)	-0.049 (0.039)
AlphaFold - Method × Counterfactual No AI - Method	-0.003 (0.002)	-0.0009 (0.001)	-0.007 (0.005)	-0.002 (0.010)	-0.002 (0.001)	-0.007 (0.005)	-0.003 (0.002)	-0.0009 (0.002)	-0.003 (0.005)
Fixed-effects									
pl_id	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_cited_by_count	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Dependent Variable:	In1p.cit.1								
	All Fields			Molecular Biology			Medicine		
	All PDB	High PDB	CEM	All PDB	High PDB	CEM	All PDB	High PDB	CEM
AlphaFold	0.107*** (0.025)	0.172*** (0.044)	0.110*** (0.022)	0.083*** (0.028)	0.172*** (0.047)	0.110*** (0.022)	0.189*** (0.033)	0.137*** (0.064)	0.110*** (0.022)
Counterfactual AI	0.045* (0.026)	0.060 (0.041)	0.050* (0.025)	0.061* (0.034)	0.049 (0.053)	0.050* (0.025)	0.075 (0.051)	-0.080 (0.085)	0.050* (0.025)
Counterfactual No AI	0.168*** (0.045)	0.204*** (0.056)	0.172*** (0.042)	0.080*** (0.025)	0.187*** (0.037)	0.172*** (0.042)	0.209*** (0.059)	0.161* (0.087)	0.172*** (0.042)
AlphaFold - Method	-0.026 (0.021)	-0.060*** (0.016)	-0.018 (0.022)	-0.024 (0.036)	-0.049 (0.032)	-0.018 (0.022)	-0.034* (0.017)	-0.058*** (0.012)	-0.018 (0.024)
Counterfactual AI - Method	-0.004 (0.026)	0.049 (0.052)	0.025 (0.024)	0.002 (0.034)	0.076 (0.071)	0.025 (0.024)	0.025 (0.044)	0.146 (0.112)	0.025 (0.025)
Counterfactual No AI - Method	0.013 (0.023)	-0.011 (0.023)	0.015 (0.023)	-0.019 (0.030)	-0.007 (0.031)	0.015 (0.023)	0.005 (0.022)	-0.034 (0.022)	0.015 (0.013)
field_agricultural_and_biological_sciences	11.8*** (1.66)	10.8*** (2.27)	12.3*** (1.89)	13.8*** (1.71)	13.9*** (3.74)	12.3*** (1.89)	19.1*** (2.67)	16.8* (8.58)	12.3*** (1.89)
field_arts_and_humanities	0.922 (2.38)	14.7 (12.0)	1.31 (2.59)	26.0 (19.1)	66.7 (54.2)	1.31 (2.59)	8.17 (17.8)	-27.5 (49.3)	1.38 (2.59)
field_biochemistry_genetics_and_molecular_biology	6.76*** (1.93)	6.89*** (1.50)	6.54*** (1.83)	6.29*** (1.27)	5.90*** (1.24)	6.54*** (1.83)	3.10* (1.83)	7.98*** (2.94)	6.54*** (1.83)
field_business_management_and_accounting	7.75 (5.69)	37.5 (15.0)	2.60 (6.48)	7.83 (12.4)	23.8 (36.3)	2.60 (6.48)	9.26 (10.0)	100.5 (98.1)	2.60 (6.48)
field_chemical_engineering	22.4*** (4.76)	23.7*** (14.9)	23.8*** (4.76)	27.5* (11.0)	64.9*** (18.3)	23.8*** (4.76)	9.33 (20.6)	43.3 (38.1)	23.8*** (4.76)
field_chemistry	11.4*** (1.15)	9.77*** (2.63)	12.7*** (1.17)	10.5*** (1.62)	11.5*** (3.47)	12.7*** (1.17)	8.69*** (2.66)	5.26 (7.77)	12.7*** (1.17)
field_computer_science	11.0*** (2.15)	9.18 (5.81)	13.0*** (1.94)	6.17* (3.36)	-2.76 (8.24)	13.0*** (1.94)	5.52 (6.78)	17.3 (10.5)	13.0*** (1.94)
field_decision_sciences	0.904 (2.60)	-4.47 (16.4)	-1.88 (2.77)	-2.72 (11.9)	2.04 (26.8)	-1.88 (2.77)	9.74 (17.8)	17.4 (72.4)	-1.88 (2.77)
field_dentistry	15.5*** (4.33)	50.1*** (9.60)	15.0*** (3.65)	17.8* (7.53)	59.6*** (19.2)	15.0*** (3.65)	28.7*** (7.19)	41.6 (33.3)	15.0*** (3.65)
field_earth_and_planetary_sciences	-3.69*** (1.81)	-10.3*** (3.14)	-5.25*** (1.74)	7.82 (5.97)	14.1 (15.7)	-5.25*** (1.74)	-18.1 (24.6)	-42.4 (31.2)	-5.25*** (1.74)
field_economics_econometrics_and_finance	12.5*** (3.02)	20.5 (22.8)	14.5*** (3.52)	0.866 (1.4)	-8.05 (59.7)	14.5*** (3.52)	10.1* (5.18)	-11.6 (32.2)	14.5*** (3.52)
field_energy	22.0*** (3.83)	9.06 (7.75)	20.5*** (3.89)	20.2*** (5.02)	14.2 (9.24)	20.5*** (3.89)	37.0** (16.6)	-31.2 (45.4)	20.5*** (3.89)
field_engineering	15.7*** (2.02)	7.34* (3.19)	15.5*** (1.95)	14.8*** (2.17)	13.0*** (4.50)	15.5*** (1.95)	20.4*** (3.90)	-0.363 (1.13)	15.5*** (1.95)
field_environmental_sciences	12.2*** (1.34)	9.58*** (3.24)	12.2*** (1.35)	12.3*** (2.10)	12.3*** (5.02)	12.2*** (1.35)	17.5*** (4.60)	12.2*** (12.3)	12.2*** (1.35)
field_health_professions	3.87 (2.29)	-0.229 (14.2)	2.70 (2.64)	8.38 (7.01)	16.2 (21.7)	2.70 (2.64)	2.15 (4.26)	-0.745 (19.5)	2.70 (2.64)
field_immunology_and_microbiology	8.36*** (2.26)	7.92*** (2.59)	8.92*** (2.05)	12.1*** (1.49)	10.6*** (3.19)	8.92*** (2.05)	5.97*** (2.44)	12.1*** (4.50)	8.92*** (2.05)
field_materials_sciences	8.34*** (1.57)	1.32 (1.33)	7.26*** (1.63)	15.2*** (2.48)	3.51 (3.85)	7.26*** (1.63)	14.6*** (3.43)	12.8 (13.8)	7.26*** (1.63)
field_mathematics	47.5*** (7.46)	90.7*** (20.8)	48.2*** (7.68)	12.3 (9.10)	53.9* (26.9)	48.2*** (7.68)	51.7*** (7.98)	76.7*** (25.9)	48.2*** (7.68)
field_medicine	9.94*** (1.98)	11.5*** (2.05)	10.1*** (1.93)	7.02*** (1.18)	7.68*** (1.29)	10.1*** (1.93)	10.3*** (0.898)	8.48*** (2.26)	10.1*** (1.93)
field_neuroscience	11.9*** (1.09)	17.1*** (3.39)	12.1*** (1.05)	12.6*** (1.47)	23.2*** (4.43)	12.1*** (1.05)	14.5*** (2.29)	5.55 (8.08)	12.1*** (1.05)
field_nursing	10.6*** (1.67)	6.06 (4.85)	9.65*** (1.64)	9.29* (3.64)	7.35 (8.41)	9.65*** (1.64)	10.5* (4.43)	15.3 (15.4)	9.65*** (1.64)
field_pharmacology_toxicology_and_pharmaceutics	8.62*** (2.54)	6.64 (5.03)	8.25*** (2.90)	9.57*** (4.68)	6.50 (7.03)	8.25*** (2.90)	1.21 (5.14)	3.47 (16.5)	8.25*** (2.90)
field_physics_and_astronomy	5.18*** (1.49)	12.1*** (4.43)	5.37*** (1.52)	7.66 (5.02)	18.5* (10.6)	5.37*** (1.52)	-8.39 (7.93)	41.6* (19.7)	5.37*** (1.52)
field_psychology	19.5*** (3.84)	-7.49 (11.9)	20.5*** (3.62)	18.2 (6.25)	18.2 (21.7)	20.5*** (3.62)	28.2*** (4.82)	20.5*** (32.2)	18.2 (6.25)
field_social_sciences	13.1*** (3.02)	18.0* (10.6)	12.9*** (3.02)	-1.21 (5.79)	12.9*** (12.6)	12.9*** (3.02)	11.6 (7.06)	49.1 (36.6)	12.9*** (3.02)
field_veterinary	3.45 (3.00)	4.05 (13.0)	3.75 (3.05)	-5.84 (9.68)	8.44 (27.1)	3.75 (3.05)	-0.253 (6.78)	-42.8 (28.8)	3.75 (3.05)
mesh_	60.8*** (9.61)	125.1*** (32.8)	72.7*** (10.2)	51.2*** (15.8)	50.6 (40.4)	72.7*** (10.2)	82.0*** (21.7)	184.8*** (62.6)	72.7*** (10.2)
mesh_A	6.97*** (0.730)	11.8*** (2.53)	6.85*** (0.782)	9.46*** (1.05)	15.0*** (3.15)	6.85*** (0.782)	6.83*** (1.69)	10.6*** (3.81)	6.85*** (0.782)
mesh_B	8.01*** (0.764)	10.4*** (2.04)	7.71*** (0.735)	9.22*** (1.24)	5.81*** (2.68)	7.71*** (0.735)	18.6*** (2.28)	18.0*** (5.84)	7.71*** (0.735)
mesh_C	9.63*** (1.14)	16.6*** (2.91)	9.71*** (1.13)	9.57*** (1.10)	12.7*** (2.56)	9.71*** (1.13)	9.52*** (1.32)	22.6*** (6.68)	9.71*** (1.13)
mesh_D	3.20*** (0.382)	5.66*** (0.704)	3.42*** (0.435)	2.69*** (0.466)	5.55*** (0.909)	3.42*** (0.435)	5.96*** (0.577)	6.32*** (1.71)	3.42*** (0.435)
mesh_E	3.60*** (0.786)	10.1*** (2.57)	3.84*** (0.808)	4.61*** (1.38)	9.97*** (3.17)	3.84*** (0.808)	3.69*** (1.71)	13.3 (7.92)	3.84*** (0.808)
mesh_F	6.06*** (1.02)	-10.2 (8.23)	5.64*** (1.72)	6.11*** (2.60)	-1.44 (10.9)	5.64*** (1.72)	12.3*** (2.93)	16.7 (51.0)	5.64*** (1.72)
mesh_G	8.71*** (0.732)	6.36*** (1.84)	8.12*** (0.711)	9.56*** (0.823)	6.64*** (2.17)	8.12*** (0.711)	12.4*** (1.45)	7.30 (7.36)	6.36*** (1.84)
mesh_H	17.8*** (2.35)	35.0*** (9.29)	15.4*** (2.27)	20.4*** (4.51)	38.5*** (15.0)	15.4*** (2.27)	22.7*** (9.22)	36.0 (44.4)	15.4*** (2.27)
mesh_I	-2.55 (3.98)	21.4 (50.7)	-2.66 (3.86)	-0.843 (6.62)	82.4 (71.8)	-2.66 (3.86)	-4.82 (11.3)	15.0 (83.6)	-2.66 (3.86)
mesh_J	3.17*** (0.961)	17.5*** (4.78)	3.64*** (1.15)	5.06*** (2.00)	15.6*** (6.39)	3.64*** (1.15)	10.8*** (4.36)	3.19 (18.9)	3.64*** (1.15)
mesh_K	-11.5* (6.12)	25.8 (41.4)	-28.0** (12.2)	-5.32 (24.4)	76.6 (56.5)	-28.0** (12.2)	-34.5 (26.4)	-304.2* (173.2)	-28.0** (12.2)
mesh_L	12.6*** (1.19)	24.7*** (5.45)	11.2*** (1.40)	13.2*** (2.21)	23.8*** (7.50)	11.2*** (1.40)	19.0*** (4.22)	-10.6 (16.0)	11.2*** (1.40)
mesh_M	10.9*** (1.78)	34.0*** (9.74)	10.9*** (1.66)	11.1*** (3.25)	4.82 (10.6)	10.9*** (1.66)	13.6*** (2.51)	38.9*** (17.6)	10.9*** (1.66)
mesh_N	10.9*** (0.972)	23.7*** (7.68)	10.4*** (1.04)	18.0*** (2.57)	24.7*** (9.44)	10.4*** (1.04)	17.3*** (2.37)	33.6*** (15.7)	10.4*** (1.04)
mesh_Z	1.14 (2.55)	-17.3 (26.5)	1.22 (2.65)	-5.12 (7.18)	11.7 (24.9)	1.22 (2.65)	-6.28 (5.06)	-24.4 (32.4)	1.22 (2.65)
mesh_n	6.25*** (2.90)	-5.03 (11.3)	5.96*** (2.59)	12.0*** (4.51)	13.7 (14.0)	5.96*** (2.59)	9.04*** (5.16)	-7.65 (22.2)	5.96*** (2.59)
AlphaFold × Counterfactual AI	0.041 (0.038)	-0.062 (0.122)	0.030 (0.038)	0.029 (0.079)	-0.064 (0.134)	0.030 (0.038)	-0.129* (0.075)	-0.117 (0.211)	0.030 (0.038)
AlphaFold × Counterfactual No AI	-0.026 (0.078)	0.065 (0.093)	-0.029 (0.076)	-0.004 (0.072)	-0.011 (0.103)	-0.029 (0.076)	-0.095 (0.076)	0.132 (0.107)	-0.026 (0.076)
AlphaFold - Method × Counterfactual AI - Method	0.005 (0.029)	0.011 (0.039)	-0.042 (0.040)	-0.016 (0.056)	-0.065 (0.045)	-0.042 (0.040)	0.046 (0.055)	0.042 (0.058)	0.005 (0.040)
AlphaFold - Method × Counterfactual No AI - Method	-0.002 (0.002)	0.0002 (0.0008)	-0.006 (0.006)	-0.0003 (0.002)	-0.0002 (0.002)	-0.006 (0.006)	-0.002 (0.002)	0.002 (0.003)	-0.006 (0.006)
Fixed-effects									
pl_id	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_cited_by_count	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Dependent Variable:	lnIp_fwci								
	All Fields			Molecular Biology			Medicine		
	All PDB	High PDB	CEM	All PDB	High PDB	CEM	All PDB	High PDB	CEM
AlphaFold	0.033**	0.049**	0.035***	0.012	0.047	0.035***	0.071***	0.073	0.035***
Counterfactual AI	(0.013)	(0.018)	(0.011)	(0.021)	(0.031)	(0.011)	(0.017)	(0.045)	(0.011)
Counterfactual No AI	-0.008	-0.036	-0.007	0.003	-0.026	-0.007	-0.003	-0.227***	-0.007
Counterfactual No AI	(0.010)	(0.028)	(0.011)	(0.020)	(0.041)	(0.011)	(0.023)	(0.074)	(0.011)
AlphaFold - Method	0.032**	-0.012	0.041***	-0.021	-0.0005	0.041***	0.046**	-0.019	0.041***
Counterfactual AI - Method	(0.012)	(0.022)	(0.012)	(0.014)	(0.032)	(0.012)	(0.017)	(0.042)	(0.012)
Counterfactual AI - Method	0.001	-0.014*	0.008	0.012*	0.001	0.008	-0.009	-0.033***	0.008
Counterfactual AI - Method	(0.006)	(0.008)	(0.007)	(0.005)	(0.013)	(0.007)	(0.006)	(0.009)	(0.007)
Counterfactual AI - Method	0.008	0.101**	0.031*	0.017	0.120**	0.031*	0.014	0.189**	0.031*
Counterfactual AI - Method	(0.013)	(0.038)	(0.018)	(0.019)	(0.057)	(0.018)	(0.030)	(0.090)	(0.018)
Counterfactual No AI - Method	0.005	-0.009	0.007	-0.013	-0.001	0.007	-0.007	-0.020	0.007
Counterfactual No AI - Method	(0.009)	(0.011)	(0.010)	(0.017)	(0.020)	(0.010)	(0.008)	(0.015)	(0.010)
field_agricultural_and_biological_sciences	2.17***	3.07	2.25***	1.35*	6.42**	2.25***	0.955	2.76	2.25***
field_agricultural_and_biological_sciences	(0.431)	(2.16)	(0.500)	(0.768)	(2.50)	(0.500)	(1.41)	(5.80)	(0.500)
field_arts_and_humanities	-1.69	0.152	-1.30	9.41	-0.961	-1.30	-0.962	-82.9***	-1.30
field_arts_and_humanities	(1.85)	(6.21)	(1.93)	(9.91)	(29.6)	(1.93)	(10.8)	(26.1)	(1.93)
field_biochemistry_genetics_and_molecular_biology	-2.13***	-2.30***	-2.19***	-0.808***	-0.667*	-2.19***	-2.28**	-1.60	-2.19***
field_biochemistry_genetics_and_molecular_biology	(0.450)	(0.359)	(0.496)	(0.203)	(0.390)	(0.496)	(0.858)	(2.29)	(0.496)
field_business_management_and_accounting	-5.70	-10.5	-7.88**	-15.3**	-20.8	-7.88**	-5.36	56.8	-7.88**
field_business_management_and_accounting	(3.69)	(12.2)	(3.84)	(7.46)	(25.8)	(3.84)	(5.44)	(80.2)	(3.84)
field_chemical_engineering	-0.010	-5.04	1.66	-2.15	-16.6	1.66	-14.5	-7.95	1.66
field_chemical_engineering	(3.26)	(12.1)	(3.57)	(5.55)	(12.9)	(3.57)	(13.6)	(25.6)	(3.57)
field_chemistry	-2.66***	-1.45	-2.30***	-1.75*	-1.27	-2.30***	-3.63	-4.48	-2.30***
field_chemistry	(0.573)	(1.56)	(0.644)	(0.901)	(2.21)	(0.644)	(2.17)	(6.70)	(0.644)
field_computer_science	-0.955	-0.510	-0.010	-4.01**	-11.1**	-0.010	-5.72**	3.31	-0.010
field_computer_science	(0.855)	(3.20)	(0.916)	(1.74)	(4.35)	(0.916)	(2.62)	(8.66)	(0.916)
field_decision_sciences	-5.71***	-2.93	-6.85***	0.806	7.44	-6.85***	-11.7	24.4	-6.85***
field_decision_sciences	(2.09)	(12.6)	(1.61)	(8.36)	(19.6)	(1.61)	(10.2)	(53.0)	(1.61)
field_dentistry	4.98**	15.9**	4.25**	-0.596	18.6	4.25**	7.39*	23.4	4.25**
field_dentistry	(1.91)	(5.88)	(1.91)	(4.10)	(12.7)	(1.91)	(4.20)	(19.5)	(1.91)
field_earth_and_planetary_sciences	-1.20	-4.52*	-1.38	-2.49	-5.04	-1.38	-10.5	-38.1	-1.38
field_earth_and_planetary_sciences	(1.08)	(2.35)	(1.24)	(3.43)	(11.6)	(1.24)	(11.4)	(26.8)	(1.24)
field_economics_econometrics_and_finance	-0.375	-15.8*	0.707	-10.3	-10.8	0.707	-4.22	-8.70	0.707
field_economics_econometrics_and_finance	(2.59)	(8.33)	(2.84)	(7.01)	(19.2)	(2.84)	(3.35)	(11.7)	(2.84)
field_energy	-3.30*	-10.7***	-4.30**	0.454	-5.04	-4.30**	-7.71	-42.1**	-4.30**
field_energy	(1.72)	(3.50)	(1.65)	(2.80)	(5.15)	(1.65)	(8.43)	(20.2)	(1.65)
field_engineering	-1.89***	-0.930	-1.88**	-3.22***	-5.49**	-1.88**	-5.66**	-24.7***	-1.88**
field_engineering	(0.609)	(1.80)	(0.706)	(0.990)	(2.35)	(0.706)	(2.18)	(7.76)	(0.706)
field_environmental_science	-1.06*	0.079	-0.858	0.294	0.202	-0.858	-3.87	-8.18	-0.858
field_environmental_science	(0.564)	(1.34)	(0.591)	(1.35)	(2.53)	(0.591)	(2.40)	(7.94)	(0.591)
field_health_professions	-5.65***	-12.6	-5.67**	-3.64	3.59	-5.67**	-11.0***	-56.8***	-5.67**
field_health_professions	(1.99)	(17.4)	(2.25)	(4.96)	(14.8)	(2.25)	(2.30)	(20.5)	(2.25)
field_immunology_and_microbiology	-2.63***	-4.65***	-2.20***	1.01	-1.09	-2.20***	-3.93***	-3.41	-2.20***
field_immunology_and_microbiology	(0.536)	(1.30)	(0.658)	(0.717)	(2.28)	(0.658)	(1.22)	(3.27)	(0.658)
field_materials_science	0.189	-0.104	-0.093	-1.18	-5.39**	-0.093	-0.818	5.27	-0.093
field_materials_science	(0.348)	(0.925)	(0.382)	(0.893)	(2.09)	(0.382)	(2.15)	(6.66)	(0.382)
field_mathematics	8.11***	30.3**	8.66***	2.93	10.6	8.66***	12.3**	26.7	8.66***
field_mathematics	(2.20)	(11.6)	(2.37)	(6.01)	(18.5)	(2.37)	(3.37)	(20.7)	(2.37)
field_medicine	-0.132	2.47***	0.026	-0.666*	0.497	0.026	-1.95*	0.485	0.026
field_medicine	(0.279)	(0.489)	(0.312)	(0.382)	(0.914)	(0.312)	(0.433)	(0.946)	(0.312)
field_neuroscience	-1.248***	1.35	-2.21***	-0.106	-2.24***	-0.106	-5.32**	-7.81	-2.24***
field_neuroscience	(0.751)	(1.91)	(0.771)	(0.998)	(2.04)	(0.771)	(1.81)	(6.78)	(0.771)
field_nursing	-1.79*	2.96	-2.56**	-2.06	4.36	-2.56**	-8.13**	-1.92	-2.56**
field_nursing	(0.974)	(2.97)	(1.07)	(2.13)	(3.72)	(1.07)	(3.06)	(18.3)	(1.07)
field_pharmacology_toxicology_and_pharmaceutics	0.151	1.64	-0.076	1.49	5.82	-0.076	-5.36**	-5.69	-0.076
field_pharmacology_toxicology_and_pharmaceutics	(1.21)	(3.40)	(1.34)	(1.78)	(4.69)	(1.34)	(2.48)	(15.3)	(1.34)
field_physics_and_astronomy	-2.49	1.62	-2.33	-4.25	8.46	-2.33	-9.23*	9.52	-2.33
field_physics_and_astronomy	(1.65)	(4.15)	(1.57)	(3.84)	(9.04)	(1.57)	(4.89)	(17.0)	(1.57)
field_psychology	3.43*	-0.533	3.83*	-3.73	-11.1	3.83*	3.51	12.0	3.83*
field_psychology	(1.88)	(7.06)	(2.17)	(4.69)	(12.7)	(2.17)	(3.39)	(18.8)	(2.17)
field_social_sciences	-0.217	1.08	-1.23	-7.13**	2.03	-1.23	-3.51	-2.11	-1.23
field_social_sciences	(1.67)	(5.51)	(1.84)	(2.75)	(8.13)	(1.84)	(4.06)	(24.9)	(1.84)
field_veterinary	1.23	1.71	1.25	-9.49	-5.96	1.25	-2.76	-2.07	1.25
field_veterinary	(2.70)	(9.58)	(2.93)	(6.27)	(14.4)	(2.93)	(4.38)	(18.8)	(2.93)
mesh_	34.2***	74.1***	38.0***	42.3***	44.8	38.0***	32.8***	105.1***	38.0***
mesh_	(6.30)	(17.9)	(5.75)	(8.43)	(29.6)	(5.75)	(10.7)	(33.1)	(5.75)
mesh_A	4.20***	7.21***	4.07***	5.66***	7.75***	4.07***	5.52***	10.7***	4.07***
mesh_A	(0.370)	(1.77)	(0.410)	(0.532)	(2.18)	(0.410)	(1.01)	(2.50)	(0.410)
mesh_B	3.62***	2.54**	3.58***	4.18	0.839	3.58***	7.50***	3.45	3.58***
mesh_B	(0.316)	(1.09)	(0.363)	(0.815)	(1.49)	(0.363)	(1.15)	(3.50)	(0.363)
mesh_C	1.68**	4.99***	1.59***	1.29*	3.49*	1.59***	1.22*	7.77	1.59***
mesh_C	(0.451)	(1.70)	(0.490)	(0.636)	(1.79)	(0.490)	(0.689)	(4.58)	(0.490)
mesh_D	0.854***	1.60***	0.925***	0.470*	1.44**	0.925***	2.47***	2.55*	0.925***
mesh_D	(0.143)	(0.383)	(0.151)	(0.246)	(0.560)	(0.151)	(0.335)	(1.30)	(0.151)
mesh_E	-0.484	1.03	-0.240	-0.211	2.09	-0.240	-1.09	2.74	-0.240
mesh_E	(0.406)	(1.72)	(0.407)	(0.818)	(2.06)	(0.407)	(0.925)	(4.76)	(0.407)
mesh_F	1.06	-1.17	1.27	2.50	7.47*	1.27	3.78*	-0.170	1.27
mesh_F	(0.947)	(4.64)	(1.01)	(1.63)	(4.35)	(1.01)	(2.06)	(10.4)	(1.01)
mesh_G	3.42***	1.62	3.08***	3.72***	1.98	3.08***	4.41***	-0.879	3.08***
mesh_G	(0.323)	(1.09)	(0.353)	(0.527)	(1.19)	(0.353)	(0.896)	(3.39)	(0.353)
mesh_H	6.08***	15.2**	3.88***	6.71**	20.0*	3.88***	2.36	16.3	3.88***
mesh_H	(1.42)	(6.67)	(1.39)	(3.04)	(10.6)	(1.39)	(3.76)	(27.4)	(1.39)
mesh_I	-0.0002	12.3	-1.15	3.39	-5.49	-1.15	-5.47	-20.5	-1.15
mesh_I	(2.95)	(25.3)	(2.70)	(10.1)	(35.5)	(2.70)	(4.73)	(29.4)	(2.70)
mesh_J	1.07**	2.00	1.00**	1.20	5.88*	1.00**	8.60***	-7.66	1.00**
mesh_J	(0.442)	(2.40)	(0.487)	(1.01)	(3.46)	(0.487)	(2.22)	(12.6)	(0.487)
mesh_K	-5.89	-35.0	-13.8	3.26	-21.4	-13.8	-33.0	-93.5	-13.8
mesh_K	(4.13)	(21.9)	(9.07)	(14.9)	(32.5)	(9.07)	(19.6)	(144.3)	(9.07)
mesh_L	6.90***	13.9***	5.75***	7.93***	13.8**	5.75***	12.6***	-7.48	5.75***
mesh_L	(0.867)	(3.77)	(0.927)	(1.65)	(5.16)	(0.927)	(2.19)	(7.39)	(0.927)
mesh_M	7.37***	20.2**	7.32***	7.81***	1.31	7.32***	9.50***	26.2**	7.32***
mesh_M	(0.928)	(7.53)	(1.07)	(1.91)	(10.8)	(1.07)	(1.46)	(12.8)	(1.07)
mesh_N	5.47***	4.64	5.12***	10.3***	9.91	5.12***	8.57***	4.02	5.12***
mesh_N	(0.540)	(3.92)	(0.599)	(1.54)	(5.91)	(0.599)	(1.44)	(14.0)	(0.599)
mesh_Z	0.995	-11.3	0.906	1.83	22.6	0.906	-1.04	-6.74	0.906
mesh_Z	(1.47)	(11.4)	(1.53)	(4.77)	(17.6)	(1.53)	(2.82)	(21.0)	(1.53)
mesh_n	9.24***	10.1	9.19***	12.4***	21.8**	9.19***	11.5***	0.495	9.19***
mesh_n	(2.14)	(7.40)	(2.03)	(3.24)	(9.34)	(2.03)	(3.11)	(15.6)	(2.03)
AlphaFold × Counterfactual AI	0.030	-0.143*	-0.003	-0.025	-0.167*	-0.003	-0.012	-0.008	-0.003
AlphaFold × Counterfactual AI	(0.026)	(0.072)	(0.029)	(0.054)	(0.085)	(0.029)	(0.038)	(0.175)	(0.029)
AlphaFold × Counterfactual No AI	0.040	0.072	0.025	0.059	0.072	0.025	0.026	0.087	0.025
AlphaFold × Counterfactual No AI	(0.031)	(0.055)	(0.034)	(0.035)	(0.085)	(0.034)	(0.037)	(0.081)	(0.034)
AlphaFold - Method × Counterfactual AI - Method	0.004	-0.015	0.003	-0.018	-0.043*	0.003	-0.003	-0.027	0.003
AlphaFold - Method × Counterfactual AI - Method	(0.026)	(0.019)	(0.036)	(0.029)	(0.025)	(0.036)	(0.027)	(0.051)	(0.036)
AlphaFold - Method × Counterfactual No AI - Method	-0.002***	0.0003	-0.006**	-0.0007	-0.0009	-0.006**	-0.0009	0.002	-0.006**
AlphaFold - Method × Counterfactual No AI - Method	(0.0006)	(0.0003)	(0.003)	(0.0005)	(0.0009)	(0.003)	(0.0008)	(0.002)	(0.003)

Dependent Variable:	All
AlphaFold	-0.011
Counterfactual AI	-0.007
Counterfactual No AI	0.041***
AlphaFold - Method	0.008
Counterfactual AI - Method	0.007
Counterfactual No AI - Method	-0.010
field_agricultural_and_biological_sciences	0.500
field_arts_and_humanities	-1.30
field_biochemistry_genetics_and_molecular_biology	-2.19***
field_business_management_and_accounting	-7.88**
field_chemical_engineering	1.66
field_chemistry	-2.30***
field_computer_science	-0.010
field_decision_sciences	-6.85***
field_dentistry	4.25**
field_earth_and_planetary_sciences	-1.38
field_economics_econometrics_and_finance	0.707
field_energy	-4.30**
field_engineering	-1.88**
field_environmental_science	-0.858
field_health_professions	-5.67**
field_immunology_and_microbiology	-2.20***
field_materials_science	-0.093
field_mathematics	8.66***
field_medicine	0.026
field_neuroscience	-2.24***
field_nursing	-2.56**
field_pharmacology_toxicology_and_pharmaceutics	-0.076
field_physics_and_astronomy	-2.33
field_psychology	3.83*
field_social_sciences	-1.23
field_veterinary	1.25
mesh_	38.0***
mesh_A	4.07***
mesh_B	3.58***
mesh_C	1.59***
mesh_D	0.925***
mesh_E	-0.240
mesh_F	1.27
mesh_G	3.08***
mesh_H	3.88***
mesh_I	-1.15
mesh_J	1.00**
mesh_K	-13.8
mesh_L	5.75***
mesh_M	7.32***
mesh_N	5.12***
mesh_Z	0.906
mesh_n	9.19***
AlphaFold × Counterfactual AI	-0.008
AlphaFold × Counterfactual No AI	0.029
AlphaFold - Method × Counterfactual AI - Method	0.003
AlphaFold - Method × Counterfactual No AI - Method	0.006**

Dependent Variable:	ln1p_patent_citation								
	All Fields			Molecular Biology			Medicine		
	All PDB	High PDB	CEM	All PDB	High PDB	CEM	All PDB	High PDB	CEM
AlphaFold	-0.014	0.023	0.0004	-0.029***	-0.016	0.0004	-0.022	-0.022	0.0004
	(0.009)	(0.024)	(0.008)	(0.008)	(0.016)	(0.008)	(0.020)	(0.072)	(0.008)
Counterfactual AI	-0.023**	-0.011	-0.012	-0.017**	-0.003	-0.012	-0.069**	-0.170	-0.012
	(0.009)	(0.027)	(0.008)	(0.009)	(0.019)	(0.008)	(0.033)	(0.101)	(0.008)
Counterfactual No AI	-0.011	-0.078	-0.005	-0.029***	-0.023	-0.005	0.012	-0.094	-0.005
	(0.019)	(0.055)	(0.017)	(0.008)	(0.023)	(0.017)	(0.035)	(0.104)	(0.017)
AlphaFold - Method	-0.031***	-0.058***	-0.030***	-0.016***	-0.015**	-0.030***	-0.037***	-0.050***	-0.030***
	(0.008)	(0.015)	(0.008)	(0.005)	(0.007)	(0.008)	(0.010)	(0.021)	(0.008)
Counterfactual AI - Method	0.009	0.035*	0.013*	0.002	0.027	0.013*	0.045**	0.137**	0.013*
	(0.008)	(0.020)	(0.007)	(0.011)	(0.020)	(0.007)	(0.017)	(0.063)	(0.007)
Counterfactual No AI - Method	-0.029**	-0.046	-0.016	-0.029***	-0.019*	-0.016	-0.038**	-0.060**	-0.016
	(0.014)	(0.028)	(0.010)	(0.010)	(0.011)	(0.010)	(0.017)	(0.023)	(0.010)
field_agricultural_and_biological_sciences	0.840***	2.78	0.825***	0.794	2.81	0.825***	7.98**	23.9*	0.825***
	(0.264)	(1.65)	(0.259)	(0.484)	(1.99)	(0.259)	(3.12)	(13.2)	(0.259)
field_arts_and_humanities	-0.076	-0.836	0.153	9.16	29.5	0.153	-10.1*	-16.7	0.153
	(0.549)	(4.70)	(0.465)	(7.76)	(32.2)	(0.465)	(5.29)	(38.8)	(0.465)
field_biochemistry_genetics_and_molecular_biology	0.301	0.058	0.202	0.549***	0.584	0.202	-0.968	-2.77	0.202
	(0.240)	(0.441)	(0.206)	(0.157)	(0.390)	(0.206)	(0.598)	(2.78)	(0.206)
field_business_management_and_accounting	5.65	19.4*	2.39	26.8	27.5	2.39	0.242	133.2	2.39
	(3.45)	(10.1)	(2.07)	(18.6)	(19.6)	(2.07)	(2.81)	(119.6)	(2.07)
field_chemical_engineering	2.21	-1.97	2.26	3.35	-0.665	2.26	-87.8**	2.26	2.26
	(1.43)	(5.79)	(1.49)	(3.25)	(11.0)	(1.49)	(11.9)	(38.8)	(1.49)
field_chemistry	0.214	-0.458	0.512	-0.029	-0.063	0.512	1.49	3.62	0.512
	(0.380)	(1.13)	(0.440)	(0.593)	(1.65)	(0.440)	(1.71)	(7.82)	(0.440)
field_computer_science	0.506	0.027	0.858	0.909	-0.570	0.858	0.005	-8.38	0.858
	(0.507)	(1.90)	(0.515)	(0.961)	(3.43)	(0.515)	(1.69)	(6.59)	(0.515)
field_decision_sciences	-1.21	0.255	-0.509	-1.21	6.82	-0.509	-5.70	-68.7	-0.509
	(0.944)	(9.60)	(0.844)	(4.84)	(15.7)	(0.844)	(3.79)	(70.6)	(0.844)
field_dentistry	0.236	-5.64*	0.428	1.57	1.46	0.428	-2.37	-32.3*	0.428
	(0.847)	(3.33)	(0.955)	(2.18)	(5.88)	(0.955)	(1.85)	(18.6)	(0.955)
field_earth_and_planetary_sciences	-0.412	0.139	-0.535	0.483	5.51	-0.535	-10.4**	-34.9*	-0.535
	(0.354)	(1.03)	(0.368)	(2.17)	(6.43)	(0.368)	(4.45)	(19.3)	(0.368)
field_economics_econometrics_and_finance	0.511	-9.56*	0.077	-2.92	-18.7	0.077	-3.28	-21.3	0.077
	(1.96)	(5.43)	(1.86)	(3.36)	(13.8)	(1.86)	(2.13)	(14.6)	(1.86)
field_energy	0.494	-0.0006	0.275	2.99*	5.17	0.275	-3.64	-34.4	0.275
	(0.653)	(1.98)	(0.649)	(1.75)	(3.24)	(0.649)	(5.27)	(24.0)	(0.649)
field_engineering	0.693**	-0.909	0.534**	0.544	1.73	0.534**	-0.759	-22.8*	0.534**
	(0.264)	(0.964)	(0.262)	(0.554)	(1.50)	(0.262)	(1.13)	(12.7)	(0.262)
field_environmental_science	0.469	-0.338	0.292	1.11	2.64	0.292	0.771	-2.38	0.292
	(0.295)	(1.17)	(0.312)	(0.819)	(2.10)	(0.312)	(1.89)	(9.97)	(0.312)
field_health_professions	0.285	-8.44	0.859	1.56	-0.086	0.859	-1.32	-31.5*	0.859
	(0.610)	(8.38)	(0.600)	(2.62)	(8.50)	(0.600)	(1.32)	(18.6)	(0.600)
field_immunology_and_microbiology	0.426	1.26	0.568	1.04*	0.822	0.568	-0.023	5.49	0.568
	(0.565)	(1.77)	(0.521)	(0.611)	(1.94)	(0.521)	(0.887)	(5.07)	(0.521)
field_materials_science	0.271	-0.248	0.117	-0.520	-1.80	0.117	0.845	8.46	0.117
	(0.187)	(0.460)	(0.192)	(0.575)	(1.26)	(0.192)	(1.95)	(10.5)	(0.192)
field_mathematics	8.28**	9.60	9.71***	3.41	43.3	9.71***	11.7***	-8.03	9.71***
	(3.09)	(16.4)	(3.33)	(5.27)	(45.0)	(3.33)	(4.00)	(23.2)	(3.33)
field_medicine	1.46**	4.48***	1.32**	0.425*	1.14	1.32**	1.62***	1.26	1.32**
	(0.538)	(1.61)	(0.503)	(0.245)	(1.08)	(0.503)	(0.486)	(1.46)	(0.503)
field_neuroscience	0.080	-0.447	0.0005	-0.381	1.34	0.0005	-0.892	-5.84	0.0005
	(0.293)	(1.31)	(0.290)	(0.569)	(1.87)	(0.290)	(0.964)	(10.4)	(0.290)
field_nursing	0.341	-2.85	0.258	1.09	-1.69	0.258	-0.676	-17.1*	0.258
	(0.457)	(2.37)	(0.458)	(0.978)	(2.69)	(0.458)	(1.43)	(9.68)	(0.458)
field_pharmacology_toxicology_and_pharmaceutics	-0.331	-0.837	-0.095	-0.255	-1.76	-0.095	-1.66	-8.00	-0.095
	(0.679)	(3.39)	(0.791)	(0.966)	(2.42)	(0.791)	(2.40)	(18.5)	(0.791)
field_physics_and_astronomy	0.473	-0.585	0.563	-0.534	-2.03	0.563	-3.19	-13.7	0.563
	(0.428)	(1.21)	(0.447)	(1.58)	(2.67)	(0.447)	(2.74)	(17.8)	(0.447)
field_psychology	0.788	1.13	0.628	-1.53	-6.06	0.628	0.542	-13.8	0.628
	(0.646)	(6.91)	(0.583)	(2.17)	(8.36)	(0.583)	(1.12)	(25.9)	(0.583)
field_social_sciences	0.125	-1.02	0.007	-3.79	1.30	0.007	-0.604	-17.6	0.007
	(0.975)	(5.48)	(0.953)	(2.51)	(7.26)	(0.953)	(2.64)	(22.4)	(0.953)
field_veterinary	-0.843	-3.45	-0.115	2.12	-2.50	-0.115	-5.27	-12.4	-0.115
	(1.48)	(6.47)	(1.49)	(2.65)	(5.99)	(1.49)	(4.25)	(26.6)	(1.49)
mesh_	17.2***	53.1*	16.7**	28.1**	34.4	16.7**	18.1*	98.7*	16.7**
	(6.24)	(27.2)	(6.40)	(10.9)	(31.0)	(6.40)	(9.30)	(52.5)	(6.40)
mesh_A	0.448*	-0.076	0.328	0.606*	0.878	0.328	0.063	-1.77	0.328
	(0.233)	(1.26)	(0.253)	(0.348)	(1.14)	(0.253)	(0.620)	(3.78)	(0.253)
mesh_B	1.00***	1.38	0.878***	1.23***	0.428	0.878***	4.47***	2.87	0.878***
	(0.255)	(1.00)	(0.251)	(0.369)	(1.05)	(0.251)	(1.12)	(4.71)	(0.251)
mesh_C	0.850**	5.05**	0.746**	0.967***	3.01*	0.746**	-0.093	7.06	0.746**
	(0.340)	(1.96)	(0.336)	(0.318)	(1.76)	(0.336)	(0.444)	(5.15)	(0.336)
mesh_D	0.538***	2.16***	0.552***	0.003	0.877**	0.552***	1.85***	5.57***	0.552***
	(0.116)	(0.424)	(0.122)	(0.179)	(0.399)	(0.122)	(0.328)	(1.85)	(0.122)
mesh_E	1.60***	5.21***	1.47***	3.46***	6.85***	1.47***	2.40***	11.6*	1.47***
	(0.291)	(1.58)	(0.302)	(0.620)	(1.81)	(0.302)	(0.729)	(6.60)	(0.302)
mesh_F	0.035	-6.27	-0.005	0.518	-1.38	-0.005	0.908	-11.0	-0.005
	(0.593)	(5.29)	(0.593)	(0.935)	(3.67)	(0.593)	(1.16)	(14.2)	(0.593)
mesh_G	0.451**	-1.34	0.349*	0.730**	0.171	0.349*	0.579	-5.45	0.349*
	(0.167)	(0.837)	(0.188)	(0.304)	(0.771)	(0.188)	(0.574)	(3.96)	(0.188)
mesh_H	0.809	-2.40	0.919	1.77	-7.55*	0.919	0.121	-13.5	0.919
	(0.774)	(2.95)	(0.692)	(1.65)	(3.92)	(0.692)	(2.19)	(21.9)	(0.692)
mesh_I	0.211	-3.34	0.679	6.91	1.92	0.679	-0.863	-46.3	0.679
	(0.865)	(18.0)	(0.892)	(5.35)	(29.1)	(0.892)	(2.11)	(57.3)	(0.892)
mesh_J	0.123	2.10	0.230	0.160	3.68	0.230	-3.39*	-4.55	0.230
	(0.274)	(2.05)	(0.305)	(0.737)	(2.77)	(0.305)	(1.83)	(16.0)	(0.305)
mesh_K	-2.22*	0.347	-2.28	-6.38	8.88	-2.28	0.787	-27.2	-2.28
	(1.28)	(17.5)	(2.69)	(6.31)	(29.8)	(2.69)	(10.3)	(87.6)	(2.69)
mesh_L	1.36***	0.857	1.38**	1.08	1.57	1.38**	1.35	-15.0	1.38**
	(0.496)	(1.38)	(0.529)	(0.764)	(1.99)	(0.529)	(1.41)	(9.09)	(0.529)
mesh_M	-0.485	-0.092	-0.474	-0.652	-4.35	-0.474	-0.689	-5.08	-0.474
	(0.552)	(6.40)	(0.600)	(1.11)	(4.38)	(0.600)	(0.878)	(12.1)	(0.600)
mesh_N	-0.092	9.81	-0.152	-1.23	2.28	-0.152	0.312	31.9	-0.152
	(0.353)	(6.96)	(0.330)	(0.909)	(5.28)	(0.330)	(0.897)	(20.7)	(0.330)
mesh_Z	-0.962	-23.0*	-0.865	-1.54	-28.2***	-0.865	-3.16	-58.8**	-0.865
	(0.884)	(13.1)	(0.913)	(2.08)	(10.2)	(0.913)	(2.00)	(28.6)	(0.913)
mesh_n	1.93**	18.3**	1.54*	0.922	6.70	1.54*	1.73	24.4	1.54*
	(0.832)	(7.76)	(0.840)	(1.69)	(5.78)	(0.840)	(1.64)	(21.9)	(0.840)
AlphaFold × Counterfactual AI	-0.010	-0.024	-0.014	-0.033	-0.068	-0.014	-0.002	0.071	-0.014
	(0.017)	(0.053)	(0.013)	(0.029)	(0.067)	(0.013)	(0.048)	(0.185)	(0.013)
AlphaFold × Counterfactual No AI	-0.055**	-0.097*	-0.061**	-0.019	-0.026	-0.061**	-0.073*	-0.101	-0.061**
	(0.025)	(0.050)	(0.026)	(0.014)	(0.039)	(0.026)	(0.043)	(0.097)	(0.026)
AlphaFold - Method × Counterfactual AI - Method	0.011	0.035***	0.013*	0.010	0.010	0.013*	0.006	0.029	0.013*
	(0.010)	(0.012)	(0.007)	(0.009)	(0.012)	(0.007)	(0.019)	(0.025)	(0.007)
AlphaFold - Method × Counterfactual No AI - Method	0.002**	0.005***	0.001	0.002***	0.002**	0.001	0.003**	0.007**	0.001
	(0.0009)	(0.002)	(0.002)	(0.0006)	(0.0007)	(0.002)	(0.001)	(0.003)	(0.002)
Fixed-effects									
pl_id	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_cited_by_count	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_2yr_mean_citedness	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_h_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Dependent Variable:	InIP.ca.count								
	All Fields			Molecular Biology			Medicine		
	All PDB	High PDB	CEM	All PDB	High PDB	CEM	All PDB	High PDB	CEM
AlphaFold	0.072*** (0.016)	0.083*** (0.022)	0.054*** (0.014)	0.006 (0.006)	0.024** (0.011)	0.054*** (0.014)	0.152*** (0.031)	0.157*** (0.059)	0.054*** (0.014)
Counterfactual AI	-0.028** (0.012)	-0.009 (0.021)	-0.031** (0.011)	-0.014* (0.007)	0.021 (0.015)	-0.031** (0.011)	-0.013 (0.026)	-0.039 (0.073)	-0.031** (0.011)
Counterfactual No AI	0.177*** (0.042)	0.254*** (0.055)	0.145*** (0.036)	0.022* (0.011)	0.037** (0.017)	0.145*** (0.036)	0.230*** (0.051)	0.320*** (0.075)	0.145*** (0.036)
AlphaFold - Method	-0.018 (0.011)	-0.020** (0.009)	-0.015 (0.011)	-0.002 (0.002)	0.0006 (0.002)	-0.015 (0.011)	-0.027** (0.012)	-0.024** (0.009)	-0.015 (0.011)
Counterfactual AI - Method	-0.00009 (0.009)	0.008 (0.025)	-0.0007 (0.009)	-0.0010 (0.005)	-0.008 (0.014)	-0.0007 (0.009)	-0.002 (0.035)	0.059 (0.110)	-0.007 (0.009)
Counterfactual No AI - Method	0.046** (0.021)	0.067** (0.030)	0.038** (0.019)	0.019 (0.012)	0.023 (0.019)	0.038** (0.019)	0.034* (0.018)	0.052* (0.030)	0.038** (0.019)
field_agricultural_and_biological_sciences	-0.029 (0.192)	1.87 (0.959)	-0.006 (0.171)	-0.435 (0.286)	-0.684** (0.273)	-0.006 (0.171)	3.00* (1.52)	10.4* (5.92)	-0.006 (0.171)
field_arts_and_humanities	-1.71 (1.22)	-10.5** (3.49)	-1.27 (1.08)	-1.91 (2.44)	-1.27 (2.07)	-1.17 (1.08)	-13.1* (6.77)	-2.16 (27.0)	-0.460* (1.08)
field_biochemistry_genetics_and_molecular_biology	-0.643*** (0.187)	-0.597*** (0.211)	-0.384*** (0.189)	-0.286** (0.115)	-0.597*** (0.130)	-0.391*** (0.189)	-3.09*** (0.847)	-3.69** (1.49)	-0.597*** (0.189)
field_business_management_and_accounting	-0.22** (1.89)	-2.14 (4.87)	-3.33* (1.85)	2.24 (3.34)	-4.31* (2.20)	-3.33* (1.85)	-11.3*** (4.09)	-20.9 (46.2)	-3.33* (1.85)
field_chemical_engineering	-0.148 (0.775)	-4.59 (4.01)	-0.215 (0.797)	-2.02 (1.32)	-3.28 (3.47)	-0.215 (0.797)	3.85 (7.80)	-35.9 (69.7)	-0.215 (0.797)
field_chemistry	-0.401 (0.259)	-0.465 (0.290)	-0.148 (0.199)	-0.628** (0.249)	-0.383 (0.302)	-0.148 (0.199)	-2.67** (1.23)	-2.43 (2.77)	-0.148 (0.199)
field_computer_science	-1.42*** (0.772)	-1.76 (4.82)	-0.975** (0.660)	-0.665 (1.29)	0.607 (3.18)	-0.975** (0.660)	-6.60*** (8.70)	-9.27** (46.7)	-0.975** (0.660)
field_decision_sciences	0.526 (0.772)	-11.4** (4.82)	-0.168 (0.660)	-0.516 (1.29)	-5.07 (3.18)	-0.168 (0.660)	9.37 (8.70)	-44.5 (46.7)	-0.168 (0.660)
field_dentistry	1.78 (1.45)	2.54 (2.89)	1.88 (1.61)	2.46 (1.91)	1.53 (1.99)	1.88 (1.61)	-2.98 (3.79)	-5.71 (42.7)	1.78 (1.45)
field_earth_and_planetary_sciences	-0.583* (0.266)	-0.965 (0.685)	-0.460* (0.236)	-1.52* (0.836)	-1.96 (1.75)	-0.460* (0.236)	-4.40* (4.94)	-42.7 (24.2)	-0.460* (0.236)
field_economics_econometrics_and_finance	1.24 (3.39)	-11.8 (7.21)	2.01 (4.07)	4.18 (3.26)	-4.89 (3.40)	2.01 (4.07)	-4.08 (2.64)	-9.48 (11.6)	2.01 (4.07)
field_energy	-1.50** (0.634)	-0.777 (0.595)	-1.35** (0.603)	-0.795 (0.483)	-0.354 (0.513)	-1.35** (0.603)	-6.14 (4.33)	-43.7* (24.0)	-1.35** (0.603)
field_engineering	-0.068 (0.204)	-0.572 (0.424)	0.031 (0.205)	-0.318 (0.222)	-0.194 (0.616)	0.031 (0.205)	-0.255 (1.30)	-4.95 (8.45)	0.031 (0.205)
field_environmental_science	-0.768** (0.290)	-0.761 (0.640)	-0.605** (0.292)	-0.443 (0.379)	-0.672 (0.438)	-0.605** (0.292)	-4.44** (2.18)	-6.18 (9.76)	-0.605** (0.292)
field_health_professions	-0.667 (1.41)	-11.1** (5.40)	-0.638 (1.48)	5.32** (2.60)	9.84 (6.25)	-0.638 (1.48)	-4.19* (2.14)	-13.0 (9.89)	-0.638 (1.48)
field_immunology_and_microbiology	-0.780** (0.342)	-0.584 (0.840)	-0.749* (0.376)	0.003 (0.253)	0.902 (0.702)	-0.749* (0.376)	-2.84*** (0.952)	-0.503 (3.34)	-0.780** (0.376)
field_materials_science	-0.242 (0.334)	0.184 (0.160)	-0.182 (0.284)	-0.015 (0.169)	-0.052 (0.237)	-0.182 (0.284)	-2.41 (2.08)	-5.07 (5.07)	-0.182 (0.284)
field_mathematics	14.6*** (4.89)	55.5*** (13.9)	15.2*** (5.08)	6.04 (3.58)	12.9*** (5.74)	15.2*** (5.08)	18*** (6.17)	15*** (5.08)	15.2*** (5.08)
field_medicine	2.79*** (0.635)	3.88*** (1.14)	2.64*** (0.622)	0.757*** (0.233)	0.707* (0.374)	2.64*** (0.622)	1.76*** (0.444)	2.86* (1.43)	2.64*** (0.622)
field_neuroscience	-0.239 (0.209)	-0.617 (0.599)	-0.197 (0.234)	-0.102 (0.207)	0.643 (1.01)	-0.197 (0.234)	-2.15** (0.870)	-6.28 (3.73)	-0.197 (0.234)
field_nursing	0.709 (0.607)	-0.951 (1.48)	0.814 (0.604)	0.910 (0.604)	1.33 (1.37)	0.814 (0.604)	-0.143 (1.62)	-7.77 (9.18)	0.709 (0.604)
field_pharmacology_toxicology_and_pharmaceutics	-0.992* (0.513)	-0.518 (0.994)	-1.04** (0.490)	-0.291 (0.701)	0.266 (0.784)	-1.04** (0.490)	-4.30*** (1.69)	-8.20 (6.72)	-1.04** (0.701)
field_physics_and_astronomy	-0.101 (0.419)	-0.255 (0.473)	-0.052 (0.366)	-0.471 (0.330)	0.155 (0.615)	-0.052 (0.366)	-5.20* (2.79)	-11.8 (10.2)	-0.052 (0.366)
field_psychology	5.89*** (1.54)	10.3** (4.32)	4.64*** (1.45)	2.52 (1.46)	12.4 (8.39)	4.64*** (1.45)	9.24*** (3.19)	15.8 (27.9)	4.64*** (1.45)
field_social_sciences	8.74*** (2.29)	25.5*** (10.6)	7.40*** (1.85)	1.17 (0.92)	0.469 (2.99)	7.40*** (1.85)	16.4*** (2.10)	82.8*** (29.7)	7.40*** (1.85)
field_veterinary	-2.94** (1.18)	-2.41 (2.48)	-2.61** (1.07)	-1.96 (1.69)	-0.652 (1.94)	-2.61** (1.07)	-9.08** (3.97)	-14.7** (6.13)	-2.61** (1.07)
mesh_	13.8*** (4.27)	36.8*** (11.4)	14.1*** (5.06)	3.92** (1.61)	11.6** (5.66)	14.1*** (5.06)	23.2** (10.6)	33.5 (14.6)	14.1*** (5.06)
mesh_A	0.195 (0.125)	0.143 (0.450)	0.214 (0.130)	0.051 (0.092)	0.003 (0.177)	0.214 (0.130)	0.771 (0.525)	1.56 (1.90)	0.214 (0.130)
mesh_B	0.792*** (0.202)	0.938 (0.644)	0.720*** (0.190)	0.627 (0.397)	0.251 (0.284)	0.720*** (0.190)	2.66*** (0.725)	-1.40 (2.62)	0.720*** (0.190)
mesh_C	0.620** (0.305)	-1.56 (1.06)	0.681** (0.291)	0.673** (0.247)	0.562 (0.437)	0.681** (0.291)	0.267 (0.497)	-1.18 (2.79)	0.681** (0.291)
mesh_D	0.480*** (0.141)	0.504** (0.217)	0.415*** (0.132)	0.127** (0.062)	0.051 (0.080)	0.415*** (0.132)	2.04*** (0.560)	2.10** (1.02)	0.415*** (0.132)
mesh_E	0.760*** (0.196)	1.58* (0.808)	0.607*** (0.175)	0.324** (0.142)	0.298 (0.256)	0.607*** (0.175)	1.94** (0.738)	7.48 (4.88)	0.607*** (0.175)
mesh_F	-0.500 (0.485)	-3.75 (2.23)	-0.402 (0.495)	-0.933* (0.532)	-1.82 (2.99)	-0.402 (0.495)	0.216 (0.537)	2.84 (5.94)	-0.402 (0.495)
mesh_G	0.509*** (0.178)	0.032 (0.297)	0.426** (0.159)	0.054 (0.144)	0.427 (0.121)	0.426** (0.159)	1.19* (0.619)	5.46* (1.85)	0.509*** (0.159)
mesh_H	0.540 (0.518)	-1.85 (1.58)	0.325 (0.436)	0.663 (0.672)	1.97 (2.22)	0.325 (0.436)	3.22 (2.46)	-8.31 (12.7)	0.325 (0.436)
mesh_I	-2.35* (1.33)	-13.2 (10.6)	-2.17* (1.26)	-1.54 (2.07)	8.61 (7.19)	-2.17* (1.26)	-5.30 (4.03)	-10.5 (28.1)	-2.17* (1.26)
mesh_J	-0.037 (0.115)	1.36 (1.22)	0.001 (0.114)	0.169 (0.199)	0.382 (0.508)	0.001 (0.114)	-1.11 (1.22)	6.01 (10.5)	0.001 (0.114)
mesh_K	-2.80** (1.32)	-22.3 (13.9)	-4.05* (2.12)	-3.63 (4.06)	-12.8* (6.77)	-4.05* (2.12)	-13.2 (11.6)	-37.9 (59.5)	-4.05* (2.12)
mesh_L	0.705*** (0.232)	0.271 (0.512)	0.507** (0.221)	0.767* (0.442)	0.791 (0.701)	0.507** (0.221)	-0.288 (1.63)	-7.03 (6.86)	0.507*** (0.221)
mesh_M	3.86*** (1.37)	28.1*** (8.34)	3.64*** (1.48)	2.07* (1.05)	2.38 (1.51)	3.64*** (1.48)	5.71*** (1.73)	35.3** (12.9)	3.64*** (1.48)
mesh_N	1.58*** (0.571)	3.10 (2.86)	1.47** (0.549)	1.73** (0.724)	3.65* (2.02)	1.47** (0.549)	3.14** (0.87)	3.23 (5.49)	1.47** (0.549)
mesh_Z	2.05** (0.818)	14.2 (13.2)	2.75*** (0.951)	0.203 (1.23)	5.28 (5.09)	2.75*** (0.951)	5.46** (2.68)	20.0 (21.2)	2.75*** (0.951)
mesh_n	-0.222 (1.34)	5.08 (6.55)	-0.408 (1.27)	-0.686 (0.891)	1.26 (2.36)	-0.408 (1.27)	1.70 (2.19)	14.4 (14.2)	-0.408 (1.27)
AlphaFold × Counterfactual AI	-0.006 (0.019)	-0.009 (0.052)	-0.004 (0.020)	0.004 (0.015)	-0.004 (0.041)	-0.004 (0.020)	-0.056 (0.044)	-0.093 (0.148)	-0.004 (0.020)
AlphaFold × Counterfactual No AI	-0.015 (0.091)	-0.033 (0.111)	0.003 (0.079)	-0.011 (0.013)	-0.002 (0.037)	0.003 (0.079)	-0.035 (0.100)	-0.059 (0.102)	0.003 (0.079)
AlphaFold - Method × Counterfactual AI - Method	0.022 (0.015)	0.030 (0.025)	-0.0006 (0.013)	0.011 (0.011)	-0.001 (0.010)	-0.0006 (0.013)	0.023 (0.027)	0.024 (0.056)	-0.006 (0.013)
AlphaFold - Method × Counterfactual No AI - Method	-0.004** (0.002)	-0.004** (0.002)	-0.008** (0.004)	-0.0008 (0.006)	-0.001 (0.009)	-0.008** (0.004)	-0.004** (0.002)	-0.005** (0.002)	-0.008** (0.004)

Dependent Variable:	pdb.submission								
	All Fields			Molecular Biology			Medicine		
	All PDB	High PDB	CEM	All PDB	High PDB	CEM	All PDB	High PDB	CEM
AlphaFold	0.031***	0.100***	0.034***	0.038***	0.118**	0.034***	0.021***	0.032	0.034***
Counterfactual AI	(0.007)	(0.035)	(0.007)	(0.013)	(0.051)	(0.007)	(0.007)	(0.049)	(0.007)
Counterfactual No AI	0.017**	0.018	0.014	0.025	0.011	0.014	0.024	0.014	0.014
AlphaFold - Method	(0.007)	(0.026)	(0.009)	(0.015)	(0.047)	(0.009)	(0.017)	(0.074)	(0.009)
Counterfactual AI - Method	0.008	0.023	0.007	0.013	0.046	0.007	0.005	-0.008	0.007
Counterfactual No AI - Method	(0.007)	(0.042)	(0.008)	(0.015)	(0.073)	(0.008)	(0.007)	(0.042)	(0.008)
field_agricultural_and_biological_sciences	0.002	-0.013	0.002	0.011*	0.005	0.002	0.002	-0.004	0.002
field_arts_and_humanities	(0.003)	(0.008)	(0.004)	(0.006)	(0.017)	(0.004)	(0.004)	(0.010)	(0.004)
field_biochemistry_genetics_and_molecular_biology	0.005	-0.002	0.009	-0.001	-0.021	0.009	0.005	-0.044	0.009
field_business_management_and_accounting	(0.007)	(0.033)	(0.010)	(0.013)	(0.052)	(0.010)	(0.017)	(0.064)	(0.010)
field_chemical_engineering	0.021**	0.033	0.023**	0.039	0.063**	0.023**	0.017**	0.024	0.023**
field_computer_science	(0.008)	(0.020)	(0.009)	(0.025)	(0.028)	(0.009)	(0.007)	(0.015)	(0.009)
field_decision_sciences	0.122	4.73**	0.099	-0.204	3.32	0.099	4.52**	18.8**	0.099
field_dentistry	(0.190)	(2.04)	(0.208)	(0.627)	(2.84)	(0.208)	(1.22)	(6.22)	(0.208)
field_earth_and_planetary_sciences	0.926*	5.32	0.922	5.08	18.7	0.922	-1.61	6.39	0.922
field_economics_econometrics_and_finance	(0.532)	(5.81)	(0.583)	(5.36)	(32.1)	(0.583)	(1.78)	(54.0)	(0.583)
field_environmental_sciences	1.74***	5.62***	1.84***	1.30***	3.33***	1.84***	0.517*	1.74	1.84***
field_health_professions	(0.377)	(0.996)	(0.393)	(0.276)	(0.846)	(0.393)	(0.289)	(2.44)	(0.393)
field_immunology_and_microbiology	0.139	17.1	-0.005	1.99	12.9	-0.005	-1.91	-9.13	-0.005
field_materials_science	(1.51)	(12.0)	(1.85)	(3.06)	(18.8)	(1.85)	(1.84)	(63.8)	(1.85)
field_mathematics	-1.44	7.05	-2.10	2.24	27.7	-2.10	-4.74	29.7	-2.10
field_medicine	(1.92)	(15.5)	(1.98)	(3.98)	(23.3)	(1.98)	(7.55)	(105.0)	(1.98)
field_neuroscience	1.90***	5.25***	2.30***	3.18***	4.12	2.30***	3.32**	0.962	2.30***
field_physics_and_astronomy	(0.498)	(1.62)	(0.579)	(0.958)	(2.81)	(0.579)	(1.49)	(5.33)	(0.579)
field_psychology	-0.248	-4.37	-0.117	-0.525	-4.38	-0.117	0.871	-0.081	-0.117
field_social_sciences	(0.514)	(4.32)	(0.601)	(1.02)	(6.69)	(0.601)	(2.49)	(18.3)	(0.601)
field_veterinary	0.320	18.2	0.316	2.47	29.5	0.316	-3.95**	-49.7	0.316
field_zoology	(0.557)	(13.7)	(0.626)	(3.11)	(21.1)	(0.626)	(1.76)	(50.5)	(0.626)
field_earth_and_planetary_sciences	0.584	5.60	0.834	1.38	9.87	0.834	0.575	32.5	0.834
field_economics_econometrics_and_finance	(0.727)	(8.24)	(0.857)	(2.03)	(9.19)	(0.857)	(2.26)	(26.3)	(0.857)
field_environmental_sciences	-1.21*	-5.51***	-1.22	-0.579	-0.733	-1.22	-11.2	-70.6	-1.22
field_health_professions	(0.631)	(2.00)	(0.740)	(2.74)	(15.6)	(0.740)	(6.79)	(50.4)	(0.740)
field_immunology_and_microbiology	0.402	9.59	0.823	-0.182	43.5	0.823	-1.14	-9.52	0.823
field_materials_science	(0.547)	(12.3)	(0.658)	(3.09)	(37.3)	(0.658)	(0.959)	(25.5)	(0.658)
field_mathematics	2.81*	3.38	3.10*	7.97**	13.1	3.10*	-0.871	-37.3*	3.10*
field_medicine	(1.52)	(6.08)	(1.65)	(3.57)	(9.08)	(1.65)	(4.57)	(21.0)	(1.65)
field_neuroscience	-0.555*	-1.14	-0.674**	-0.940	2.92	-0.674**	-1.07	-13.3	-0.674**
field_physics_and_astronomy	(0.289)	(1.75)	(0.312)	(0.827)	(3.30)	(0.312)	(0.942)	(8.62)	(0.312)
field_psychology	1.58***	7.13***	1.66***	2.82***	10.9***	1.66***	6.00***	24.1*	1.66***
field_social_sciences	(0.376)	(1.71)	(0.421)	(0.943)	(3.75)	(0.421)	(1.94)	(13.6)	(0.421)
field_veterinary	-0.382	-1.25	-0.309	-1.65	-1.43	-0.309	-1.02*	-12.6	-0.309
field_zoology	(0.412)	(6.90)	(0.494)	(2.03)	(19.5)	(0.494)	(0.592)	(11.7)	(0.494)
field_earth_and_planetary_sciences	1.17*	6.93**	0.910*	-0.485	-0.076	0.910*	0.892	6.00	0.910*
field_economics_econometrics_and_finance	(0.600)	(3.02)	(0.463)	(0.636)	(3.09)	(0.463)	(0.706)	(5.34)	(0.463)
field_environmental_sciences	1.50***	3.02**	1.65***	5.66***	10.7***	1.65***	8.67***	36.7***	1.65***
field_health_professions	(0.443)	(1.26)	(0.499)	(1.17)	(3.19)	(0.499)	(2.43)	(11.8)	(0.499)
field_immunology_and_microbiology	-0.352	-7.54	-0.307	-3.62*	-35.0	-0.307	0.334	-3.93	-0.307
field_materials_science	(0.612)	(10.5)	(0.840)	(1.88)	(29.7)	(0.840)	(1.25)	(15.3)	(0.840)
field_mathematics	0.594**	4.41***	0.577**	0.245	2.76*	0.577**	0.190	-1.56	0.577**
field_medicine	(0.235)	(1.05)	(0.246)	(0.275)	(1.20)	(0.246)	(0.165)	(1.39)	(0.246)
field_neuroscience	1.27***	2.01***	1.30***	3.15***	20.1***	1.30***	-0.676	1.30**	1.30***
field_physics_and_astronomy	(0.448)	(3.92)	(0.507)	(1.11)	(6.49)	(0.507)	(0.520)	(7.60)	(0.507)
field_psychology	1.02	10.7**	1.45**	3.48**	9.99	1.45**	0.286	16.7	1.45**
field_social_sciences	(0.615)	(5.05)	(0.656)	(1.66)	(7.05)	(0.656)	(0.998)	(17.3)	(0.656)
field_veterinary	0.500	5.69	0.781	2.52	11.5*	0.781	-2.23*	-31.7***	0.781
field_zoology	(0.633)	(4.21)	(0.788)	(1.69)	(5.73)	(0.788)	(1.22)	(9.58)	(0.788)
field_earth_and_planetary_sciences	0.183	-2.36	0.039	-0.349	-6.63	0.039	2.07	-2.72	0.039
field_economics_econometrics_and_finance	(0.411)	(2.55)	(0.466)	(1.87)	(4.98)	(0.466)	(3.01)	(20.8)	(0.466)
field_environmental_sciences	-0.057	7.47	0.150	1.23	16.5	0.150	-0.178	-6.79	0.150
field_health_professions	(0.354)	(7.96)	(0.400)	(2.27)	(22.6)	(0.400)	(0.491)	(15.6)	(0.400)
field_immunology_and_microbiology	-0.894*	-6.36	-1.29**	-0.533	-5.54	-1.29**	-2.40***	-15.7	-1.29**
field_materials_science	(0.465)	(3.88)	(0.592)	(1.75)	(10.6)	(0.592)	(0.794)	(15.0)	(0.592)
field_mathematics	-1.86**	0.778	-1.96**	-5.75	4.49	-1.96**	-3.07**	-17.8	-1.96**
field_medicine	(0.724)	(6.90)	(0.801)	(3.52)	(18.5)	(0.801)	(1.43)	(18.4)	(0.801)
field_neuroscience	0.571	4.21	-0.303	1.77	8.53	-0.303	3.08	-10.1	-0.303
field_physics_and_astronomy	(2.88)	(23.3)	(2.48)	(7.02)	(34.3)	(2.48)	(4.30)	(59.2)	(2.48)
field_psychology	-1.86***	-10.6***	-2.02***	-2.49***	-8.47***	-2.02***	-2.25***	-11.5***	-2.02***
field_social_sciences	(0.190)	(1.56)	(0.192)	(0.321)	(2.23)	(0.192)	(0.406)	(3.29)	(0.192)
field_veterinary	1.07**	7.14	1.06**	1.38***	5.45***	1.06**	3.23**	12.8**	1.06**
field_zoology	(0.175)	(1.48)	(0.195)	(0.356)	(1.79)	(0.195)	(0.761)	(4.63)	(0.195)
field_earth_and_planetary_sciences	-1.28***	-7.61***	-1.31***	-1.91***	-6.68***	-1.31***	-1.36***	-7.18***	-1.31***
field_economics_econometrics_and_finance	(0.163)	(1.59)	(0.171)	(0.300)	(2.21)	(0.171)	(0.186)	(3.30)	(0.171)
field_environmental_sciences	1.83***	6.92***	1.93***	2.75***	6.93***	1.93***	1.83***	6.63***	1.93***
field_health_professions	(0.131)	(0.703)	(0.154)	(0.236)	(0.869)	(0.154)	(0.154)	(1.60)	(0.154)
field_immunology_and_microbiology	2.92***	19.4***	3.17***	5.53***	20.6***	3.17***	3.01***	32.0***	3.17***
field_materials_science	(0.293)	(2.01)	(0.327)	(0.623)	(2.83)	(0.327)	(0.524)	(7.53)	(0.327)
field_mathematics	-0.700**	-5.07	-0.687*	-1.17	-0.657	-0.687*	-1.15**	-9.97	-0.687*
field_medicine	(0.302)	(5.49)	(0.357)	(0.872)	(8.76)	(0.357)	(0.439)	(13.9)	(0.357)
field_neuroscience	1.58***	5.64***	1.65***	1.98***	5.22***	1.65***	1.75***	8.64***	1.65***
field_physics_and_astronomy	(0.141)	(0.928)	(0.154)	(0.238)	(1.21)	(0.154)	(0.443)	(3.03)	(0.154)
field_psychology	-2.22***	-8.61	-2.17***	-3.17***	-8.77	-2.17***	-2.97**	-35.5*	-2.17***
field_social_sciences	(0.554)	(5.62)	(0.621)	(0.947)	(9.54)	(0.621)	(1.26)	(20.0)	(0.621)
field_veterinary	0.340	-29.9**	0.401	-0.482	-115.4**	0.401	-1.19	-63.3*	0.401
field_zoology	(0.474)	(14.3)	(0.533)	(2.15)	(29.7)	(0.533)	(1.04)	(34.3)	(0.533)
field_earth_and_planetary_sciences	-1.74***	-10.3***	-1.82***	-4.20***	-13.6***	-1.82***	-3.59***	0.761	-1.82***
field_economics_econometrics_and_finance	(0.244)	(2.89)	(0.268)	(0.604)	(3.60)	(0.268)	(0.967)	(17.4)	(0.268)
field_environmental_sciences	0.619	-5.79	0.197	-5.00	-25.3	0.197	1.42	141.9*	0.197
field_health_professions	(1.22)	(30.2)	(3.07)	(5.73)	(40.3)	(3.07)	(6.31)	(81.4)	(3.07)
field_immunology_and_microbiology	-0.472*	-0.343	-0.482	-1.49***	-0.585	-0.482	2.29*	7.19	-0.482
field_materials_science	(0.264)	(2.73)	(0.320)	(0.490)	(3.43)	(0.320)	(1.18)	(12.7)	(0.320)
field_mathematics	0.394	-1.14	0.418	1.43**	-6.704	0.418	0.228	4.67	0.418
field_medicine	(0.297)	(6.79)	(0.323)	(0.606)	(8.78)	(0.323)	(0.534)	(14.9)	(0.323)
field_neuroscience	-0.957***	-17.9***	-1.01***	-3.17***	-28.1***	-1.01***	-0.704**	-11.3	-1.01***
field_physics_and_astronomy	(0.166)	(3.58)	(0.167)	(0.610)	(7.03)	(0.167)	(0.282)	(7.95)	(0.167)
field_psychology	-0.126	-6.91	-0.003	1.31	13.9	-0.003	-1.95**	-39.0**	-0.003
field_social_sciences	(0.440)	(7.85)	(0.563)	(1.06)	(17.9)	(0.563)	(0.714)	(19.1)	(0.563)
field_veterinary	-1.98***	-7.86	-2.18***	-5.28***	-16.5*	-2.18***	-1.82**	-17.1	-2.18***
field_zoology	(0.474)	(5.97)	(0.534)	(1.17)	(9.25)	(0.534)	(0.806)	(16.3)	(0.534)
field_earth_and_planetary_sciences	0.020	0.089	0.025	0.002	0.066	0.025	-0.008	-0.302	0.025
field_economics_econometrics_and_finance	(0.033)	(0.106)	(0.039)	(0.049)	(0.140)	(0.039)	(0.058)	(0.219)	(0.039)
field_environmental_sciences	-0.026*	-0.076	-0.028*	0.0004	0.039	-0.028*	-0.025*	-0.090*	-0.028*
field_health_professions	(0.014)	(0.061)	(0.015)	(0.036)	(0.120)	(0.015)	(0.013)	(0.052)	(0.015)
field_immunology_and_microbiology	-0.024	-0.096***	-0.046**	-0.038	-0.108**	-0.046**	0.026	0.047	-0.046**
field_materials_science	(0.019)	(0.024)	(0.022)	(0.041)	(0.026)	(0.022)	(0.025)	(0.070)	(0.022)
field_mathematics	-0.001	-0.001	-0.0002	-0.002	-0.003	-0.0002	-0.001	-0.001	-0.0002
field_medicine	(0.0007)	(0.001)	(0.002)	(0.002)	(0.002)	(0.002)	(0.001)	(0.003)	(0.002)

Dependent Variable:	All
AlphaFold	-0.007
Counterfactual AI	(0.007)
Counterfactual No AI	-1.009
AlphaFold - Method	(0.008)
Counterfactual AI - Method	(0.007)
Counterfactual No AI - Method	(0.009)
field_agricultural_and_biological_sciences	0.004
field_arts_and_humanities	0.009
field_biochemistry_genetics_and_molecular_biology	0.004
field_business_management_and_accounting	0.009
field_chemical_engineering	0.007
field_chemistry	0.002
field_computer_science	0.004
field_decision_sciences	0.009
field_dentistry	0.005
field_earth_and_planetary_sciences	0.004
field_economics_econometrics_and_finance	0.009
field_energy	0.007
field_engineering	0.009
field_environmental_sciences	0.004
field_health_professions	0.009
field_immunology_and_microbiology	0.004
field_materials_science	0.009
field_mathematics	0.007
field_medicine	0.004
field_neuroscience	0.009
field_nursing	0.004
field_pharmacology_toxicology_and_pharmaceutics	0.009
field_physics_and_astronomy	0.004
field_psychology	0.009
field_social_sciences	0.004
field_veterinary	0.009
mesh_	0.004
mesh_A	0.009
mesh_B	0.004
mesh_C	0.009
mesh_D	0.004
mesh_E	0.009
mesh_F	0.004
mesh_G	0.009
mesh_H	0.004
mesh_I	0.009
mesh_J	0.004
mesh_K	0.009
mesh_L	0.004

