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	
Variables	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive
AlphaFold	0.044**	0.012**	0.014	0.017	0.044***	0.007**	0.063**	0.021**	0.033	0.028**	0.044***	0.007**	0.011	-0.002	0.038	0.024	0.044***	0.007**
	(0.018)	(0.005)	(0.029)	(0.011)	(0.015)	(0.003)	(0.024)	(0.008)	(0.036)	(0.011)	(0.015)	(0.003)	(0.039)	(0.013)	(0.087)	(0.035)	(0.015)	(0.003)
Counterfactual AI	0.033	0.028**	-0.067	-0.003	0.038	0.025**	0.054	0.038*	-0.063	0.018	0.038	0.025**	-0.016	-0.025	-0.098	-0.109**	0.038	0.025**
	(0.023)	(0.013)	(0.041)	(0.025)	(0.024)	(0.011)	(0.034)	(0.022)	(0.040)	(0.029)	(0.024)	(0.011)	(0.049)	(0.026)	(0.102)	(0.049)	(0.024)	(0.011)
Counterfactual No AI	0.051	0.005	0.035	-0.004	0.066***	0.007	0.040	-0.00008	0.039	-0.005	0.066***	0.007	0.063	0.033	-0.030	0.018	0.066***	0.007
	(0.033)	(0.013)	(0.044)	(0.015)	(0.022)	(0.005)	(0.043)	(0.015)	(0.057)	(0.017)	(0.022)	(0.005)	(0.058)	(0.028)	(0.096)	(0.052)	(0.022)	(0.005)
AlphaFold - Method	0.010	-0.003	0.014	0.001	0.004	0.0010	0.011	-0.013	-0.017	-0.037	0.004	0.0010	0.034	0.033	0.121	0.112	0.004	0.0010
	(0.020)	(0.021)	(0.039)	(0.037)	(0.004)	(0.004)	(0.024)	(0.025)	(0.044)	(0.038)	(0.004)	(0.004)	(0.052)	(0.053)	(0.140)	(0.144)	(0.004)	(0.004)
Counterfactual AI - Method	-0.013	-0.036	0.041	0.014	0.013	0.005	0.034	0.006	0.084	0.038	0.013	0.005	0.047	0.054	0.284	0.326	0.013	0.005
	(0.034)	(0.035)	(0.067)	(0.068)	(0.015)	(0.015)	(0.044)	(0.046)	(0.091)	(0.089)	(0.015)	(0.015)	(0.095)	(0.097)	(0.216)	(0.224)	(0.015)	(0.015)
Counterfactual No AI - Method	0.032	0.026	0.076*	0.097*	0.018	0.018	0.041	0.030	0.039*	0.058	0.018	0.018	0.031	0.020	0.152	0.131	0.018	0.018
	(0.030)	(0.035)	(0.041)	(0.054)	(0.012)	(0.012)	(0.029)	(0.042)	(0.020)	(0.063)	(0.012)	(0.012)	(0.067)	(0.073)	(0.102)	(0.099)	(0.012)	(0.012)
field_agricultural_and_biological_sciences	13.4***	13.4***	14.7***	14.7***	13.9***	13.9***	14.8***	14.7***	13.2***	13.0***	13.9***	13.9***	22.0***	22.0***	35.4***	35.4***	13.9***	13.9***
	(1.13)	(1.13)	(2.29)	(2.28)	(1.27)	(1.27)	(2.12)	(2.11)	(4.00)	(4.00)	(1.27)	(1.27)	(3.78)	(3.78)	(8.87)	(8.93)	(1.27)	(1.27)
field_arts_and_humanities	-9.05	-9.06	-3.94	-4.01	-11.7	-11.7	15.3	15.4	-23.0	-23.3	-11.7	-11.7	-33.1	-33.0	-1.39	1.63	-11.7	-11.7
	(5.86)	(5.86)	(8.15)	(8.12)	(7.98)	(8.01)	(14.4)	(14.4)	(18.1)	(18.1)	(7.98)	(8.01)	(30.4)	(30.3)	(73.5)	(71.7)	(7.98)	(8.01)
field_biochemistry_genetics_and_molecular_biology	7.89***	7.89***	7.97***	7.95***	7.48***	7.47***	7.14***	7.13***	7.57***	7.54***	7.48***	7.47***	5.42**	5.42**	9.59**	9.51**	7.48***	7.47***
	(1.86)	(1.86)	(1.51)	(1.51)	(2.13)	(2.13)	(1.06)	(1.06)	(1.28)	(1.28)	(2.13)	(2.13)	(2.53)	(2.54)	(3.65)	(3.66)	(2.13)	(2.13)
field_business_management_and_accounting	14.6	14.6	37.2**	37.0**	28.0**	27.9**	22.3	22.2	44.1**	44.0**	28.0**	27.9**	29.8	30.0	-58.6	-58.7	28.0**	27.9**
	(10.1)	(10.1)	(17.7)	(17.8)	(10.4)	(10.4)	(22.1)	(22.1)	(17.9)	(17.9)	(10.4)	(10.4)	(29.3)	(29.3)	(121.9)	(122.1)	(10.4)	(10.4)
field_chemical_engineering	18.5**	18.3**	29.5	29.6	24.0***	23.9***	14.1	14.1	31.9	31.8	24.0***	23.9***	59.7***	59.6***	70.8	70.9	24.0***	23.9***
	(7.60)	(7.57)	(20.4)	(20.5)	(8.20)	(8.17)	(10.6)	(10.6)	(31.1)	(31.0)	(8.20)	(8.17)	(16.5)	(16.5)	(61.2)	(61.0)	(8.20)	(8.17)
field_chemistry	8.33***	8.32***	4.35*	4.34*	10.6***	10.6***	11.3***	11.4***	9.94***	10.1***	10.6***	10.6***	12.6***	12.6***	15.2**	15.1**	10.6***	10.6***
	(2.76)	(2.77)	(2.32)	(2.35)	(1.87)	(1.87)	(1.62)	(1.63)	(3.32)	(3.33)	(1.87)	(1.87)	(3.57)	(3.57)	(7.22)	(7.22)	(1.87)	(1.87)
field_computer_science	16.4***	16.4***	20.3***	20.3***	17.4***	17.4***	11.7***	11.7***	15.5**	15.5**	17.4***	17.4***	26.6***	26.6***	28.9***	28.5***	17.4***	17.4***
	(2.16)	(2.15)	(3.60)	(3.62)	(2.17)	(2.17)	(3.89)	(3.88)	(5.92)	(5.90)	(2.17)	(2.17)	(5.98)	(5.96)	(9.26)	(9.20)	(2.17)	(2.17)
field_decision_sciences	-9.58***	-9.61***	-24.7	-24.1	-6.00**	-6.04**	-9.47	-9.56	-10.4	-9.33	-6.00**	-6.04**	-19.8	-19.4	-148.4	-149.4	-6.00**	-6.04**
	(2.76)	(2.77)	(15.1)	(15.1)	(2.87)	(2.85)	(10.1)	(10.1)	(21.2)	(20.9)	(2.87)	(2.85)	(21.8)	(21.8)	(90.7)	(90.6)	(2.87)	(2.85)
field_dentistry	11.6**	11.7**	22.5**	22.8**	15.7***	15.8***	26.4**	26.3**	27.8**	28.4**	15.7***	15.8***	13.6	13.5	23.6	23.1	15.7***	15.8***
	(4.89)	(4.89)	(10.7)	(10.7)	(5.71)	(5.72)	(10.4)	(10.4)	(11.6)	(11.6)	(5.71)	(5.72)	(12.8)	(12.7)	(34.1)	(33.8)	(5.71)	(5.72)
field_earth_and_planetary_sciences	-6.53***	-6.52***	-7.52***	-7.52***	-5.39***	-5.40***	14.8**	14.6**	-12.3	-12.5	-5.39***	-5.40***	46.7*	46.9*	35.3	35.1	-5.39***	-5.40***
	(1.65)	(1.65)	(1.91)	(1.90)	(1.67)	(1.67)	(7.10)	(7.14)	(17.0)	(17.1)	(1.67)	(1.67)	(24.1)	(24.1)	(56.7)	(57.4)	(1.67)	(1.67)
field_economics_econometrics_and_finance	4.14	4.11	11.8	11.8	5.08	5.12	13.6	13.4	-15.5	-16.5	5.08	5.12	-13.6	-13.7	24.5	25.0	5.08	5.12
	(9.83)	(9.85)	(31.8)	(31.9)	(11.4)	(11.4)	(19.3)	(19.3)	(27.1)	(26.9)	(11.4)	(11.4)	(17.5)	(17.4)	(39.3)	(40.0)	(11.4)	(11.4)
field_energy	20.2***	20.2***	11.2*	11.1*	21.3***	21.3***	16.6***	16.6***	20.3***	20.3***	21.3***	21.3***	16.5	17.1	7.82	7.28	21.3***	21.3***
	(3.66)	(3.65)	(6.40)	(6.40)	(4.09)	(4.08)	(5.20)	(5.21)	(7.12)	(7.16)	(4.09)	(4.08)	(14.5)	(14.3)	(19.1)	(19.2)	(4.09)	(4.08)
field_engineering	13.3***	13.3***	9.65***	9.70***	15.3***	15.3***	12.0***	12.0***	14.4***	14.4***	15.3***	15.3***	15.8***	15.8***	6.88	6.96	15.3***	15.3***
	(1.99)	(1.99)	(3.01)	(3.03)	(2.10)	(2.10)	(2.33)	(2.32)	(4.60)	(4.63)	(2.10)	(2.10)	(4.22)	(4.24)	(12.2)	(12.2)	(2.10)	(2.10)
field_environmental_science	11.9***	11.9***	6.74**	6.64**	12.1***	12.1***	14.8***	14.8***	7.08	7.02	12.1***	12.1***	19.6***	19.7***	-5.77	-5.88	12.1***	12.1***
	(1.54)	(1.53)	(2.88)	(2.87)	(2.03)	(2.03)	(2.16)	(2.16)	(4.19)	(4.17)	(2.03)	(2.03)	(5.36)	(5.35)	(14.6)	(14.6)	(2.03)	(2.03)
field_health_professions	0.055	-0.003	-10.4	-10.2	-3.26	-3.31	12.2*	12.1*	-5.67	-5.00	-3.26	-3.31	10.9*	10.8*	-21.3*	-21.7*	-3.26	-3.31
	(4.65)	(4.65)	(11.7)	(11.7)	(3.58)	(3.57)	(7.01)	(6.99)	(17.4)	(17.5)	(3.58)	(3.57)	(6.35)	(6.35)	(11.5)	(11.9)	(3.58)	(3.57)
field_immunology_and_microbiology	9.68***	9.69***	8.91***	8.92***	9.83***	9.83***	9.74***	9.73***	6.67*	6.64*	9.83***	9.83***	11.1***	11.2***	18.4***	18.4***	9.83***	9.83***
	(2.02)	(2.02)	(2.13)	(2.12)	(2.39)	(2.38)	(1.55)	(1.55)	(3.35)	(3.36)	(2.39)	(2.38)	(2.94)	(2.92)	(4.52)	(4.50)	(2.39)	(2.38)
field_materials_science	9.61***	9.59***	4.81***	4.83***	9.51***	9.50***	13.3***	13.3***	2.53	2.47	9.51***	9.50***	10.4**	10.4**	11.6	11.8	9.51***	9.50***
	(1.46)	(1.46)	(1.35)	(1.36)	(1.57)	(1.57)	(2.16)	(2.16)	(3.29)	(3.28)	(1.57)	(1.57)	(4.71)	(4.71)	(11.6)	(11.5)	(1.57)	(1.57)
field_mathematics	28.4***	28.4***	49.6***	49.3***	28.5***	28.5***	17.0*	16.9*	15.8	14.9	28.5***	28.5***	49.3***	49.5***	36.8	36.7	28.5***	28.5***
	(7.38)	(7.37)	(15.7)	(15.8)	(9.78)	(9.76)	(8.97)	(8.95)	(13.4)	(13.0)	(9.78)	(9.76)	(14.6)	(14.6)	(27.8)	(27.4)	(9.78)	(9.76)
field_medicine	8.59***	8.60***	8.88***	8.90***	9.00***	9.02***	7.37***	7.38***	8.22***	8.16***	9.00***	9.02***	9.22***	9.23***	10.6***	10.6***	9.00***	9.02***
	(2.35)	(2.35)	(2.38)	(2.37)	(2.22)	(2.22)	(1.55)	(1.55)	(2.57)	(2.56)	(2.22)	(2.22)	(1.33)	(1.33)	(2.41)	(2.43)	(2.22)	(2.22)
field_neuroscience	13.1***	13.1***	17.0***	17.0***	13.2***	13.2***	10.9***	10.9***	18.9***	19.1***	13.2***	13.2***	20.5***	20.5***	14.9	14.7	13.2***	13.2***
	(1.09)	(1.09)	(2.42)	(2.42)	(1.19)	(1.20)	(1.45)	(1.45)	(3.60)	(3.60)	(1.19)	(1.20)	(3.58)	(3.58)	(11.4)	(11.4)	(1.19)	(1.20)
field_nursing	13.1***	13.0***	9.11	9.09	13.3***	13.3***	8.50**	8.52**	2.27	2.17	13.3***	13.3***	7.88	7.85	15.3	15.4	13.3***	13.3***
	(2.32)	(2.32)	(7.74)	(7.77)	(2.56)	(2.56)	(4.17)	(4.18)	(9.73)	(9.76)	(2.56)	(2.56)	(5.46)	(5.45)	(19.2)	(19.4)	(2.56)	(2.56)
field_pharmacology_toxicology_and_pharmaceutics	6.80**	6.81**	6.47	6.44	8.47***	8.43***	7.09	7.18	4.71	4.68	8.47***	8.43***	3.67	3.64	12.2	12.4	8.47***	8.43***
	(2.70)	(2.70)	(5.85)	(5.84)	(2.58)	(2.57)	(4.30)	(4.31)	(6.96)	(6.92)	(2.58)	(2.57)	(7.51)	(7.53)	(15.0)	(15.0)	(2.58)	(2.57)
field_physics_and_astronomy	8.07***	8.04***	12.9***	12.7***	10.1***	10.1***	9.30***	9.27***	8.25	8.13	10.1***	10.1***	15.1	15.2	34.4	34.3	10.1***	10.1***
	(2.08)	(2.08)	(4.34)	(4.39)	(1.67)	(1.67)	(3.22)	(3.22)	(6.91)	(6.85)	(1.67)	(1.67)	(11.7)	(11.7)	(23.3)	(23.1)	(1.67)	(1.67)
field_psychology	11.4**	11.5**	4.46	4.70	13.3***	13.3***	12.4*	12.5*	13.1	13.2	13.3***	13.3***	12.6**	12.5**	13.3	13.3	13.3***	13.3***
	(5.27)	(5.27)	(12.9)	(12.9)	(4.46)	(4.46)	(6.84)	(6.83)	(25.2)	(25.2)	(4.46)	(4.46)	(5.62)	(5.64)	(28.7)	(28.7)	(4.46)	(4.46)
field_social_sciences	3.90	3.92	13.7	13.8	8.90*	8.97*	1.68	1.75	8.22	8.58	8.90*	8.97*	11.6	11.4	71.9	71.6	8.90*	8.97*
	(4.25)	(4.25)	(11.4)	(11.5)	(5.06)	(5.06)	(5.77)	(5.77)	(6.95)	(7.15)	(5.06)	(5.06)	(10.3)	(10.3)	(43.3)	(44.0)	(5.06)	(5.06)
field_veterinary	-6.14	-6.14	-23.7**	-23.3**	-12.4**	-12.5**	-22.6**	-22.7**	-44.4**	-44.1**	-12.4**	-12.5**	-10.9	-11.0	-13.4	-14.7	-12.4**	-12.5**
	(4.65)	(4.65)	(10.0)	(10.1)	(5.08)	(5.10)	(10.4)	(10.4)	(21.4)	(21.5)	(5.08)	(5.10)	(11.1)	(11.1)	(31.3)	(31.6)	(5.08)	(5.10)
mesh_	28.2	28.3	103.7***	104.3***	23.7	23.9	56.7***	57.0***	66.5*	67.9*	23.7	23.9	111.4***	111.9***	252.7***	253.4***	23.7	23.9
	(21.0)	(21.0)	(32.6)	(32.8)	(18.2)	(18.3)	(15.3)	(15.3)	(33.0)	(32.8)	(18.2)	(18.3)	(29.6)	(29.8)	(74.1)	(73.8)	(18.2)	(18.3)
mesh_A	9.84***	9.84***	16.2***	16.2***	9.35***	9.35***	11.7***	11.7***	19.7***	19.7***	9.35***	9.35***	9.70***	9.69***	9.83**	9.82**	9.35***	9.35***
	(0.743)	(0.742)	(2.47)	(2.47)	(0.974)	(0.972)	(1.21)	(1.21)	(3.32)	(3.30)	(0.974)	(0.972)	(1.92)	(1.91)	(4.70)	(4.69)	(0.974)	(0.972)
mesh_B	10.1***	10.1***	13.3***	13.3***	10.6***	10.6***	12.0***	12.0***	12.0***	12.0***	10.6***	10.6***	20.9***	20.9***	20.5***	20.4***	10.6***	10.6***
	(0.980)	(0.978)	(2.08)	(2.08)	(1.10)	(1.10)	(1.25)	(1.25)	(2.53)	(2.56)	(1.10)	(1.10)	(2.54)	(2.55)	(5.52)	(5.53)	(1.10)	(1.10)
mesh_C	10.3***	10.3***	19.3***	19.3***	9.79***	9.77***	11.9***	11.9***	18.1***	18.2***	9.79***	9.77***	12.7***	12.6***	23.2***	23.1***	9.79***	9.77***
	(1.15)	(1.16)	(2.74)	(2.74)	(1.20)	(1.20)	(1.30)	(1.30)	(3.26)	(3.28)	(1.20)	(1.20)	(2.16)	(2.15)	(5.12)	(5.11)	(1.20)	(1.20)
mesh_D	3.44***	3.44***	5.96***	5.94***	3.88***	3.89***	3.08***	3.08***	5.62***	5.59***	3.88***	3.89***	5.50***	5.50***	8.33***	8.31***	3.88***	3.89***
	(0.453)	(0.453)	(0.672)	(0.673)	(0.444)	(0.445)	(0.575)	(0.577)	(0.918)	(0.922)	(0.444)	(0.445)	(0.874)	(0.875)	(2.28)	(2.28)	(0.444)	(0.445)
mesh_E	4.45***	4.45***	5.30**	5.34**	3.29***	3.29***	4.52***	4.51***	6.38*	6.34*	3.29***	3.29***	4.29	4.31	4.98	5.13	3.29***	3.29***
	(1.00)	(1.01)	(2.51)	(2.51)	(1.15)	(1.15)	(1.45)	(1.45)	(3.38)	(3.36)	(1.15)	(1.15)	(2.83)	(2.83)	(6.84)	(6.84)	(1.15)	(1.15)
mesh_F	9.06***	9.05***	8.02	7.87	11.3***	11.3***	8.05**	8.00**	10.4	10.0	11.3***	11.3***	18.3***	18.4***	38.4***	38.2***	11.3***	11.3***
	(1.63)	(1.63)	(5.99)	(5.97)	(2.10)	(2.10)	(3.28)	(3.28)	(10.2)	(10.2)	(2.10)	(2.10)	(4.21)	(4.20)	(13.8)	(13.7)	(2.10)	(2.10)
mesh_G	8.90***	8.90***	8.18***	8.20***	8.52***	8.53***	9.76***	9.76***	9.59***	9.56***	8.52***	8.53***	12.6***	12.6***	4.47	4.39	8.52***	8.53***
	(0.872)	(0.872)	(2.01)	(2.01)	(0.928)	(0.929)	(1.12)	(1.12)	(2.30)	(2.31)	(0.928)	(0.929)	(1.84)	(1.84)	(5.30)	(5.31)	(0.928)	(0.929)
mesh_H	17.2***	17.2***	45.6***	45.5***	18.1***	18.1***	16.4***	16.4***	44.9***	44.8***	18.1***	18.1***	25.7*	25.7*	43.0	42.4	18.1***	18.1***
	(3.11)	(3.11)	(10.1)	(10.1)	(3.02)	(3.02)	(4.13)	(4.13)	(12.2)	(12.2)	(3.02)	(3.02)	(15.0)	(15.0)	(45.9)	(45.8)	(3.02)	(3.02)
mesh_I	6.81	6.79	25.3	24.5	4.89	4.88	13.1	12.8	69.9*	68.4*	4.89	4.88	-10.2	-10.2	-32.7	-33.2	4.89	4.88
	(4.87)	(4.87)	(25.9)	(26.1)	(4.48)	(4.47)	(14.4)	(14.5)	(35.5)	(35.7)	(4.48)	(4.47)	(15.3)	(15.2)	(53.4)	(53.4)	(4.48)	(4.47)
mesh_J	7.67***	7.68***	31.8***	31.7***	6.33***	6.33***	13.4***	13.4***	31.2***	31.3***	6.33***	6.33***	16.2**	16.2**	8.03	7.46	6.33***	6.33***
	(1.77)	(1.77)	(4.66)	(4.68)	(2.22)	(2.22)	(2.19)	(2.18)	(6.67)	(6.70)	(2.22)	(2.22)	(5.97)	(5.93)	(27.5)	(27.4)	(2.22)	(2.22)
mesh_K	-26.7	-26.4	-4.25	-3.74	-43.8*	-43.2*	-19.0	-18.6	51.6	51.6	-43.8*	-43.2*	-136.8***	-136.4***	-292.4**	-290.8**	-43.8*	-43.2*
	(19.2)	(19.3)	(49.9)	(49.5)	(22.4)	(22.7)	(26.0)	(26.1)	(51.9)	(51.6)	(22.4)	(22.7)	(33.9)	(33.9)	(125.8)	(122.7)	(22.4)	(22.7)
mesh_L	15.6***	15.6***	21.9***	21.8***	14.7***	14.7***	21.3***	21.3***	26.4***	26.4***	14.7***	14.7***	10.0	9.98	23.9	23.7	14.7***	14.7***
	(1.52)	(1.53)	(5.69)	(5.67)	(2.06)	(2.06)	(2.95)	(2.95)	(7.38)	(7.35)	(2.06)	(2.06)	(8.87)	(8.86)	(16.6)	(16.6)	(2.06)	(2.06)
mesh_M	15.8***	15.8***	14.3	14.5*	13.1***	13.0***	15.2***	15.3***	-3.11	-3.32	13.1***	13.0***	15.8***	15.8***	44.4***	44.5***	13.1***	13.0***
	(2.60)	(2.60)	(8.46)	(8.47)	(3.09)	(3.09)	(4.10)	(4.09)	(15.7)	(15.8)	(3.09)	(3.09)	(3.92)	(3.91)	(11.9)	(11.9)	(3.09)	(3.09)
mesh_N	13.2***	13.2***	28.9***	28.9***	14.3***	14.4***	14.6***	14.7***	31.1***	31.2***	14.3***	14.4***	27.4***	27.5***	15.2	14.9	14.3***	14.4***
	(1.89)	(1.89)	(7.18)	(7.16)	(1.89)	(1.89)	(3.42)	(3.43)	(10.1)	(10.0)	(1.89)	(1.89)	(4.29)	(4.29)	(14.4)	(14.4)	(1.89)	(1.89)
mesh_Z	-3.05	-3.07	16.0	15.4	-3.11	-3.08	4.39	4.31	37.9	36.4	-3.11	-3.08	-4.49	-4.47	11.7	11.6	-3.11	-3.08
	(4.06)	(4.07)	(17.1)	(17.0)	(3.89)	(3.90)	(10.3)	(10.3)	(33.6)	(33.4)	(3.89)	(3.90)	(9.29)	(9.31)	(33.4)	(33.5)	(3.89)	(3.90)
mesh_n	6.32*	6.29	0.407	-0.006	7.66**	7.59**	19.5***	19.4***	18.8	18.6	7.66**	7.59**	5.69	5.72	-14.2	-14.4	7.66**	7.59**
	(3.73)	(3.73)	(9.52)	(9.59)	(3.44)	(3.45)	(5.24)	(5.24)	(14.3)	(14.5)	(3.44)	(3.45)	(6.81)	(6.79)	(23.6)	(23.9)	(3.44)	(3.45)
AlphaFold × Counterfactual AI	-0.020	0.0004	-0.102	0.006	0.064	-0.001	-0.028	-0.001	-0.086	0.002	0.064	-0.001	-0.206**	-0.037***	-0.648	-0.115	0.064	-0.001
	(0.085)	(0.009)	(0.175)	(0.009)	(0.050)	(0.002)	(0.103)	(0.008)	(0.216)	(0.008)	(0.050)	(0.002)	(0.101)	(0.004)	(0.458)	(0.163)	(0.050)	(0.002)
AlphaFold × Counterfactual No AI	-0.075	-0.0001	-0.361*	-0.005	0.012	-0.0005*	-0.094	0.00005	-0.435*	-0.003	0.012	-0.0005*	-0.127	0.014*	0.040	-0.0002	0.012	-0.0005*
	(0.127)	(0.0006)	(0.179)	(0.004)	(0.054)	(0.0002)	(0.143)	(0.0006)	(0.220)	(0.002)	(0.054)	(0.0002)	(0.265)	(0.008)	(0.536)	(0.014)	(0.054)	(0.0002)
AlphaFold - Method × Counterfactual AI - Method	-0.171	-0.191	0.082*	-0.0004	-0.061*	-0.053	-0.089	-0.116	0.093	-0.005	-0.061*	-0.053					-0.061*	-0.053
	(0.218)	(0.207)	(0.045)	(0.076)	(0.034)	(0.036)	(0.132)	(0.128)	(0.073)	(0.126)	(0.034)	(0.036)					(0.034)	(0.036)
AlphaFold - Method × Counterfactual No AI - Method	-0.003	-0.006	-0.083	-0.190	-0.002**	-0.001**	-0.018	-0.019	-0.088	-0.219	-0.002**	-0.001**	0.0001	-0.124**			-0.002**	-0.001**
	(0.018)	(0.020)	(0.298)	(0.354)	(0.0006)	(0.0006)	(0.023)	(0.025)	(0.344)	(0.417)	(0.0006)	(0.0006)	(0.031)	(0.050)			(0.0006)	(0.0006)
Fixed-effects																		
pi_id	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_cited_by_count	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_2yr_mean_citedness	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_h_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_i10_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_country_code	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
covid_share_2020	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fit statistics																		
Observations	87,284	87,284	20,649	20,649	78,819	78,819	42,436	42,436	11,484	11,484	78,819	78,819	22,584	22,584	4,401	4,401	78,819	78,819
R^2	0.63	0.63	0.64	0.64	0.60	0.60	0.65	0.65	0.66	0.66	0.60	0.60	0.71	0.71	0.73	0.73	0.60	0.60
Mean(Dep. Var.)	3.766	3.766	3.865	3.865	3.698	3.698	3.764	3.764	3.860	3.860	3.698	3.698	3.850	3.850	4.044	4.044	3.698	3.698

Clustered (pi_id & quarter_year) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Dependent Variable:				
	All Fields			
	All PDB		High PDB	
Variables	Extensive	Intensive	Extensive	Intensive
AlphaFold	0.008	0.008	0.007	0.016
	(0.017)	(0.006)	(0.030)	(0.016)
Counterfactual AI	0.028	0.035***	-0.101***	-0.006
	(0.023)	(0.013)	(0.029)	(0.041)
Counterfactual No AI	0.043	0.013	0.061	0.006
	(0.041)	(0.016)	(0.054)	(0.023)
AlphaFold - Method	0.016	0.005	0.038	0.022
	(0.017)	(0.015)	(0.031)	(0.035)
Counterfactual AI - Method	0.026	0.003	0.074	0.034
	(0.036)	(0.033)	(0.055)	(0.082)
Counterfactual No AI - Method	0.022	0.012	0.069	0.070
	(0.028)	(0.034)	(0.042)	(0.063)
field_agricultural_and_biological_sciences	9.46***	9.46***	11.1***	11.1***
	(0.975)	(0.975)	(2.57)	(2.66)
field_arts_and_humanities	-6.29	-6.32	-4.12	-4.23
	(3.90)	(3.90)	(5.59)	(5.77)
field_biochemistry_genetics_and_molecular_biology	5.54***	5.54***	5.56***	5.54***
	(1.24)	(1.24)	(1.03)	(1.05)
field_business_management_and_accounting	5.00	5.12	15.6	15.3
	(7.73)	(7.71)	(14.7)	(14.8)
field_chemical_engineering	15.9***	15.8***	19.0	19.1
	(5.11)	(5.08)	(13.7)	(13.7)
field_chemistry	5.63***	5.64***	3.14*	3.12
	(1.82)	(1.83)	(1.79)	(1.85)
field_computer_science	13.4***	13.4***	17.4***	17.5***
	(2.08)	(2.08)	(4.15)	(4.15)
field_decision_sciences	1.90	1.89	-0.286	-0.084
	(2.12)	(2.10)	(12.4)	(12.3)
field_dentistry	1.63	1.71	11.9	12.3
	(4.45)	(4.45)	(11.8)	(11.8)
field_earth_and_planetary_sciences	-4.08**	-4.08**	-5.86**	-5.85**
	(1.50)	(1.50)	(2.22)	(2.23)
field_economics_econometrics_and_finance	4.83	4.82	10.7	11.0
	(7.44)	(7.43)	(23.5)	(23.6)
field_energy	14.1***	14.1***	2.23	2.10
	(3.07)	(3.07)	(6.00)	(5.98)
field_engineering	8.34***	8.36***	3.78	3.86
	(1.34)	(1.34)	(2.64)	(2.73)
field_environmental_science	8.45***	8.42***	5.96*	5.86*
	(1.59)	(1.59)	(2.97)	(2.97)
field_health_professions	1.08	1.04	-7.97	-7.87
	(3.73)	(3.74)	(10.8)	(10.8)
field_immunology_and_microbiology	5.66***	5.68***	6.01***	6.02***
	(1.42)	(1.42)	(1.97)	(2.01)
field_materials_science	7.16***	7.15***	4.48***	4.50***
	(1.02)	(1.01)	(1.33)	(1.41)
field_mathematics	40.8***	40.9***	50.4**	49.7**
	(9.65)	(9.66)	(23.3)	(23.6)
field_medicine	7.39***	7.41***	9.91***	9.95***
	(1.95)	(1.95)	(2.43)	(2.48)
field_neuroscience	8.49***	8.50***	10.7***	10.8***
	(0.854)	(0.857)	(2.63)	(2.70)
field_nursing	6.69***	6.67***	-0.011	0.013
	(2.05)	(2.04)	(5.54)	(5.55)
field_pharmacology_toxicology_and_pharmaceutics	3.53*	3.51*	-0.472	-0.545
	(1.81)	(1.81)	(5.00)	(4.97)
field_physics_and_astronomy	6.86***	6.85***	11.5***	11.3***
	(1.71)	(1.72)	(3.80)	(3.88)
field_psychology	6.81*	6.84*	1.73	1.82
	(3.94)	(3.93)	(11.2)	(11.1)
field_social_sciences	0.767	0.799	6.64	6.95
	(3.91)	(3.91)	(9.58)	(9.70)
field_veterinary	-11.3**	-11.2**	-12.3	-12.0
	(4.20)	(4.19)	(8.77)	(8.72)
mesh_	30.6	30.7	101.8***	102.5***
	(19.0)	(19.1)	(31.0)	(31.1)
mesh_A	4.74***	4.72***	7.60***	7.60***
	(0.706)	(0.705)	(1.92)	(1.93)
mesh_B	7.06***	7.07***	9.76***	9.76***
	(0.878)	(0.875)	(1.90)	(1.96)
mesh_C	5.38***	5.37***	10.4***	10.4***
	(1.04)	(1.04)	(2.59)	(2.59)
mesh_D	2.19***	2.19***	3.49***	3.49***
	(0.382)	(0.382)	(0.526)	(0.554)
mesh_E	4.06***	4.06***	6.88***	6.94***
	(0.843)	(0.844)	(2.34)	(2.34)
mesh_F	1.41	1.39	0.282	0.201
	(1.18)	(1.18)	(4.71)	(4.70)
mesh_G	6.14***	6.14***	6.00***	6.00***
	(0.664)	(0.665)	(1.64)	(1.64)
mesh_H	13.2***	13.2***	40.6***	40.5***
	(2.37)	(2.36)	(7.09)	(7.11)
mesh_I	2.22	2.19	-20.0	-20.4
	(4.63)	(4.63)	(25.5)	(25.4)
mesh_J	3.21**	3.20**	13.9***	13.8***
	(1.20)	(1.20)	(4.87)	(4.90)
mesh_K	1.47	1.65	1.62	2.05
	(10.7)	(10.7)	(37.0)	(36.6)
mesh_L	9.35***	9.36***	13.9***	13.8***
	(1.01)	(1.01)	(4.40)	(4.46)
mesh_M	10.0***	10.0***	17.0*	17.2*
	(2.31)	(2.31)	(8.80)	(8.82)
mesh_N	8.92***	8.91***	23.8***	23.9***
	(1.52)	(1.52)	(7.16)	(7.16)
mesh_Z	0.432	0.454	7.12	6.74
	(3.20)	(3.21)	(14.1)	(14.1)
mesh_n	4.94*	4.85*	8.82	8.38
	(2.76)	(2.76)	(8.73)	(8.79)
AlphaFold × Counterfactual AI	-0.002	0.0004	0.048	0.010
	(0.092)	(0.008)	(0.146)	(0.012)
AlphaFold × Counterfactual No AI	0.075	0.00005	-0.153	-0.003
	(0.111)	(0.0006)	(0.135)	(0.005)
AlphaFold - Method × Counterfactual AI - Method	0.006	-0.017	0.242***	0.226
	(0.194)	(0.181)	(0.033)	(0.150)
AlphaFold - Method × Counterfactual No AI - Method	0.020***	0.019**	0.074	0.030
	(0.007)	(0.008)	(0.254)	(0.277)
Fixed-effects				
pi_id	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes
institution_cited_by_count	Yes	Yes	Yes	Yes
institution_2yr_mean_citedness	Yes	Yes	Yes	Yes
institution_h_index	Yes	Yes	Yes	Yes
institution_i10_index	Yes	Yes	Yes	Yes
institution_country_code	Yes	Yes	Yes	Yes
covid_share_2020	Yes	Yes	Yes	Yes
Fit statistics				
Observations	87,284	87,284	20,649	20,649
R^2	0.57	0.57	0.59	0.59
Mean(Dep. Var.)	1.281	1.281	1.397	1.397

Clustered (pi_id & quarter_year) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Dependent Variable:	ln1p_cit_1																	
	All Fields						Molecular Biology						Medicine					
	All PDB		High PDB		CEM		All PDB		High PDB		CEM		All PDB		High PDB		CEM	
Variables	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive
AlphaFold	0.024	0.002	0.016	0.004	0.023	0.0007	0.039	0.002	0.022	0.003	0.023	0.0007	0.011	-0.001	0.084	0.036	0.023	0.0007
	(0.022)	(0.010)	(0.036)	(0.022)	(0.017)	(0.006)	(0.031)	(0.016)	(0.046)	(0.023)	(0.017)	(0.006)	(0.039)	(0.013)	(0.085)	(0.034)	(0.017)	(0.006)
Counterfactual AI	0.029	0.028*	-0.071	-0.003	0.035	0.027**	0.057	0.035	-0.049	0.030	0.035	0.027**	-0.028	-0.030	-0.131*	-0.152***	0.035	0.027**
	(0.024)	(0.015)	(0.054)	(0.035)	(0.024)	(0.011)	(0.034)	(0.026)	(0.043)	(0.032)	(0.024)	(0.011)	(0.046)	(0.025)	(0.074)	(0.025)	(0.024)	(0.011)
Counterfactual No AI	0.044	0.004	0.058	-0.002	0.069**	0.007	0.049	0.0008	0.061	-0.0009	0.069**	0.007	0.047	0.024	-0.014	0.020	0.069**	0.007
	(0.035)	(0.014)	(0.064)	(0.023)	(0.026)	(0.005)	(0.042)	(0.014)	(0.050)	(0.015)	(0.026)	(0.005)	(0.070)	(0.031)	(0.101)	(0.050)	(0.026)	(0.005)
AlphaFold - Method	-0.018	-0.022	-0.005	-0.010	-0.0004	0.0006	-0.011	-0.016	-0.040	-0.047	-0.0004	0.0006	-0.010	-0.009	0.107	0.092	-0.0004	0.0006
	(0.033)	(0.028)	(0.044)	(0.036)	(0.004)	(0.004)	(0.034)	(0.027)	(0.037)	(0.032)	(0.004)	(0.004)	(0.060)	(0.059)	(0.146)	(0.148)	(0.004)	(0.004)
Counterfactual AI - Method	-0.028	-0.045	0.077	0.046	0.008	0.0008	0.006	-0.005	0.093	0.049	0.008	0.0008	0.037	0.044	0.369*	0.426*	0.008	0.0008
	(0.030)	(0.031)	(0.077)	(0.072)	(0.015)	(0.012)	(0.041)	(0.044)	(0.081)	(0.081)	(0.015)	(0.012)	(0.086)	(0.086)	(0.213)	(0.219)	(0.015)	(0.012)
Counterfactual No AI - Method	0.009	0.008	0.053	0.073	0.010	0.013	0.017	0.017	0.006	0.018	0.010	0.013	-0.006	-0.013	0.191**	0.167**	0.010	0.013
	(0.036)	(0.036)	(0.050)	(0.062)	(0.014)	(0.012)	(0.035)	(0.041)	(0.026)	(0.048)	(0.014)	(0.012)	(0.080)	(0.084)	(0.077)	(0.073)	(0.014)	(0.012)
field_agricultural_and_biological_sciences	11.7***	11.7***	13.0***	13.0***	12.3***	12.3***	13.0***	13.0***	10.4***	10.4***	12.3***	12.3***	18.0***	18.1***	34.6***	34.6***	12.3***	12.3***
	(1.11)	(1.11)	(2.21)	(2.22)	(1.23)	(1.23)	(2.09)	(2.09)	(3.67)	(3.68)	(1.23)	(1.23)	(3.63)	(3.64)	(7.97)	(8.04)	(1.23)	(1.23)
field_arts_and_humanities	-7.17	-7.18	-4.43	-4.42	-9.86	-9.88	5.81	5.93	-30.2	-30.0	-9.86	-9.88	-28.4	-28.2	-58.2	-53.4	-9.86	-9.88
	(4.46)	(4.47)	(8.51)	(8.46)	(6.77)	(6.80)	(13.2)	(13.2)	(20.5)	(20.6)	(6.77)	(6.80)	(24.8)	(24.7)	(61.5)	(61.1)	(6.77)	(6.80)
field_biochemistry_genetics_and_molecular_biology	7.12***	7.12***	6.94***	6.93***	6.61***	6.60***	6.19***	6.18***	6.30***	6.28***	6.61***	6.60***	4.71**	4.71**	7.43**	7.33**	6.61***	6.60***
	(1.64)	(1.65)	(1.36)	(1.36)	(1.86)	(1.86)	(0.902)	(0.901)	(1.12)	(1.12)	(1.86)	(1.86)	(2.30)	(2.31)	(3.34)	(3.34)	(1.86)	(1.86)
field_business_management_and_accounting	7.75	7.83	29.7	29.3	24.7**	24.7**	16.9	17.0	29.8	29.7	24.7**	24.7**	9.91	10.1	-22.4	-22.3	24.7**	24.7**
	(9.24)	(9.23)	(18.5)	(18.5)	(9.71)	(9.71)	(16.3)	(16.3)	(20.9)	(20.9)	(9.71)	(9.71)	(33.1)	(33.2)	(96.6)	(96.9)	(9.71)	(9.71)
field_chemical_engineering	19.9***	19.7***	31.4	31.4	22.8***	22.6***	12.2	12.1	38.8	38.6	22.8***	22.6***	37.7**	37.6**	18.6	19.1	22.8***	22.6***
	(7.02)	(6.99)	(19.2)	(19.2)	(7.62)	(7.60)	(10.0)	(10.0)	(25.9)	(25.9)	(7.62)	(7.60)	(14.5)	(14.5)	(69.5)	(69.8)	(7.62)	(7.60)
field_chemistry	8.13***	8.13***	4.38*	4.34*	10.5***	10.5***	11.1***	11.0***	9.92***	9.93***	10.5***	10.5***	9.85***	9.85***	18.1**	18.0**	10.5***	10.5***
	(2.76)	(2.76)	(2.49)	(2.52)	(1.82)	(1.82)	(1.56)	(1.56)	(3.05)	(3.06)	(1.82)	(1.82)	(3.20)	(3.20)	(7.18)	(7.17)	(1.82)	(1.82)
field_computer_science	14.9***	14.9***	18.8***	18.9***	15.4***	15.5***	10.6***	10.6***	13.5**	13.6**	15.4***	15.5***	25.8***	25.8***	28.1***	27.6***	15.4***	15.5***
	(2.35)	(2.34)	(3.49)	(3.50)	(2.23)	(2.24)	(3.79)	(3.78)	(6.14)	(6.16)	(2.23)	(2.24)	(5.61)	(5.59)	(10.2)	(10.1)	(2.23)	(2.24)
field_decision_sciences	-4.73	-4.75	-18.1	-17.7	-0.720	-0.727	-8.28	-8.35	-8.37	-7.88	-0.720	-0.727	19.4	19.7	-63.7	-64.6	-0.720	-0.727
	(2.94)	(2.95)	(13.7)	(13.7)	(2.38)	(2.36)	(10.6)	(10.6)	(23.0)	(22.8)	(2.38)	(2.36)	(20.2)	(20.2)	(65.4)	(65.2)	(2.38)	(2.36)
field_dentistry	7.92	7.97	18.5	18.8	9.14*	9.28*	23.0***	22.9***	27.9**	28.3**	9.14*	9.28*	8.79	8.75	11.0	10.7	9.14*	9.28*
	(4.80)	(4.82)	(11.1)	(11.3)	(5.34)	(5.35)	(7.68)	(7.70)	(11.9)	(12.1)	(5.34)	(5.35)	(11.0)	(11.0)	(30.0)	(29.6)	(5.34)	(5.35)
field_earth_and_planetary_sciences	-6.16***	-6.16***	-6.98***	-6.99***	-5.44***	-5.47***	11.8	11.8	-17.8	-18.0	-5.44***	-5.47***	43.2*	43.3*	30.7	30.1	-5.44***	-5.47***
	(1.71)	(1.71)	(2.41)	(2.41)	(1.52)	(1.53)	(7.36)	(7.38)	(17.2)	(17.2)	(1.52)	(1.53)	(23.1)	(23.0)	(55.4)	(56.2)	(1.52)	(1.53)
field_economics_econometrics_and_finance	6.15	6.19	7.12	7.25	3.96	4.02	17.9	17.9	0.674	0.068	3.96	4.02	-9.58	-9.60	-2.31	-1.24	3.96	4.02
	(9.45)	(9.45)	(32.8)	(32.9)	(9.86)	(9.86)	(19.2)	(19.2)	(32.7)	(33.0)	(9.86)	(9.86)	(17.0)	(16.9)	(35.1)	(36.5)	(9.86)	(9.86)
field_energy	18.1***	18.1***	10.2	10.1	19.8***	19.8***	13.8***	13.7***	16.2**	16.1**	19.8***	19.8***	9.49	9.92	4.75	3.92	19.8***	19.8***
	(3.78)	(3.78)	(6.66)	(6.66)	(4.00)	(3.98)	(4.51)	(4.51)	(7.30)	(7.32)	(4.00)	(3.98)	(15.5)	(15.5)	(21.2)	(21.3)	(4.00)	(3.98)
field_engineering	11.5***	11.5***	6.61**	6.65**	13.4***	13.5***	9.75***	9.75***	12.8***	12.8***	13.4***	13.5***	9.85**	9.85**	-0.849	-0.792	13.4***	13.5***
	(1.71)	(1.71)	(2.91)	(2.93)	(1.76)	(1.76)	(2.02)	(2.02)	(4.23)	(4.26)	(1.76)	(1.76)	(4.25)	(4.26)	(12.3)	(12.4)	(1.76)	(1.76)
field_environmental_science	9.96***	9.94***	4.99**	4.94**	10.4***	10.4***	11.8***	11.8***	6.24	6.20	10.4***	10.4***	21.3***	21.4***	-2.12	-2.17	10.4***	10.4***
	(1.45)	(1.45)	(2.32)	(2.32)	(1.96)	(1.95)	(1.87)	(1.87)	(3.88)	(3.88)	(1.96)	(1.95)	(5.35)	(5.34)	(15.2)	(15.3)	(1.96)	(1.95)
field_health_professions	1.23	1.19	-0.734	-0.483	-2.26	-2.29	13.0*	12.9*	0.845	1.71	-2.26	-2.29	7.80	7.78	-8.10	-8.61	-2.26	-2.29
	(4.07)	(4.07)	(10.8)	(10.9)	(3.31)	(3.32)	(6.92)	(6.92)	(12.8)	(12.9)	(3.31)	(3.32)	(6.17)	(6.17)	(16.5)	(16.5)	(3.31)	(3.32)
field_immunology_and_microbiology	8.26***	8.26***	8.02***	8.01***	8.08***	8.07***	6.63***	6.61***	4.58	4.57	8.08***	8.07***	9.67***	9.71***	16.4***	16.5***	8.08***	8.07***
	(1.88)	(1.88)	(2.16)	(2.14)	(2.20)	(2.19)	(1.52)	(1.52)	(3.09)	(3.08)	(2.20)	(2.19)	(2.59)	(2.57)	(4.34)	(4.33)	(2.20)	(2.19)
field_materials_science	8.30***	8.29***	4.39***	4.39***	8.43***	8.43***	11.2***	11.2***	1.59	1.49	8.43***	8.43***	8.66**	8.61**	6.47	6.62	8.43***	8.43***
	(1.38)	(1.38)	(1.36)	(1.37)	(1.44)	(1.44)	(2.11)	(2.12)	(3.03)	(3.01)	(1.44)	(1.44)	(4.06)	(4.05)	(12.3)	(12.3)	(1.44)	(1.44)
field_mathematics	29.5***	29.5***	55.4***	55.1***	30.1***	30.2***	15.4*	15.4*	11.0	10.4	30.1***	30.2***	42.9***	43.0***	53.0*	52.6*	30.1***	30.2***
	(7.93)	(7.93)	(18.8)	(18.9)	(10.4)	(10.4)	(8.98)	(8.97)	(13.5)	(13.2)	(10.4)	(10.4)	(15.3)	(15.4)	(29.4)	(29.2)	(10.4)	(10.4)
field_medicine	7.94***	7.94***	8.79***	8.80***	8.39***	8.40***	6.41***	6.40***	6.68***	6.62***	8.39***	8.40***	8.30***	8.30***	10.1***	10.1***	8.39***	8.40***
	(2.10)	(2.10)	(2.35)	(2.35)	(1.98)	(1.98)	(1.30)	(1.30)	(2.32)	(2.32)	(1.98)	(1.98)	(1.25)	(1.25)	(2.93)	(2.95)	(1.98)	(1.98)
field_neuroscience	12.0***	12.0***	16.1***	16.1***	11.8***	11.8***	11.4***	11.3***	18.7***	18.7***	11.8***	11.8***	16.9***	16.9***	8.29	8.03	11.8***	11.8***
	(1.03)	(1.03)	(2.49)	(2.48)	(1.18)	(1.18)	(1.39)	(1.40)	(3.49)	(3.49)	(1.18)	(1.18)	(3.21)	(3.21)	(11.0)	(11.0)	(1.18)	(1.18)
field_nursing	9.93***	9.90***	6.49	6.45	9.81***	9.77***	6.30*	6.31*	0.462	0.418	9.81***	9.77***	2.65	2.63	1.77	1.92	9.81***	9.77***
	(1.93)	(1.92)	(6.32)	(6.34)	(2.11)	(2.10)	(3.60)	(3.61)	(8.91)	(8.93)	(2.11)	(2.10)	(5.45)	(5.44)	(21.5)	(21.8)	(2.11)	(2.10)
field_pharmacology_toxicology_and_pharmaceutics	5.37**	5.39**	5.05	5.01	8.11***	8.12***	5.46	5.50	4.50	4.34	8.11***	8.12***	-0.417	-0.442	4.54	4.68	8.11***	8.12***
	(2.47)	(2.47)	(5.20)	(5.20)	(2.47)	(2.45)	(3.91)	(3.92)	(7.12)	(7.11)	(2.47)	(2.45)	(7.26)	(7.28)	(13.2)	(13.3)	(2.47)	(2.45)
field_physics_and_astronomy	7.40***	7.39***	12.2***	12.2***	10.1***	10.1***	6.67**	6.64**	9.58	9.54	10.1***	10.1***	11.9	11.9	29.3	29.1	10.1***	10.1***
	(1.81)	(1.81)	(3.76)	(3.81)	(1.76)	(1.76)	(3.13)	(3.13)	(6.39)	(6.34)	(1.76)	(1.76)	(10.2)	(10.2)	(22.4)	(22.1)	(1.76)	(1.76)
field_psychology	10.2*	10.2*	2.86	3.01	12.2***	12.2***	12.5*	12.6*	-2.34	-2.02	12.2***	12.2***	7.43	7.41	17.7	18.1	12.2***	12.2***
	(5.06)	(5.06)	(11.9)	(11.9)	(3.89)	(3.89)	(7.14)	(7.14)	(26.9)	(26.9)	(3.89)	(3.89)	(5.36)	(5.34)	(24.8)	(24.8)	(3.89)	(3.89)
field_social_sciences	-0.100	-0.094	4.02	4.10	5.04	5.12	-3.38	-3.43	7.29	7.67	5.04	5.12	9.04	8.88	57.8	56.8	5.04	5.12
	(3.98)	(3.98)	(9.46)	(9.52)	(4.52)	(4.52)	(5.13)	(5.15)	(10.0)	(10.2)	(4.52)	(4.52)	(10.2)	(10.2)	(46.8)	(47.4)	(4.52)	(4.52)
field_veterinary	-4.45	-4.48	-11.6*	-11.3*	-12.2**	-12.2**	-9.52	-9.74	-19.5	-19.8	-12.2**	-12.2**	-11.5	-11.5	-28.0	-29.9	-12.2**	-12.2**
	(4.38)	(4.39)	(5.94)	(5.96)	(4.69)	(4.72)	(10.2)	(10.1)	(16.7)	(16.8)	(4.69)	(4.72)	(10.0)	(10.0)	(28.0)	(28.3)	(4.69)	(4.72)
mesh_	29.2	29.3	112.7***	113.1***	26.3	26.4	56.0***	56.0***	84.5***	84.8***	26.3	26.4	94.2***	94.5***	234.1***	235.2***	26.3	26.4
	(19.8)	(19.8)	(32.1)	(32.3)	(17.6)	(17.7)	(14.7)	(14.7)	(27.3)	(27.5)	(17.6)	(17.7)	(33.8)	(34.0)	(80.6)	(80.1)	(17.6)	(17.7)
mesh_A	7.55***	7.55***	12.6***	12.6***	7.23***	7.24***	9.31***	9.31***	14.4***	14.4***	7.23***	7.24***	6.08***	6.07***	5.22	5.19	7.23***	7.24***
	(0.748)	(0.747)	(2.46)	(2.46)	(0.914)	(0.913)	(1.04)	(1.05)	(3.25)	(3.24)	(0.914)	(0.913)	(1.97)	(1.96)	(4.50)	(4.50)	(0.914)	(0.913)
mesh_B	8.48***	8.49***	11.2***	11.2***	8.94***	8.95***	10.2***	10.2***	9.58***	9.68***	8.94***	8.95***	20.1***	20.1***	19.1***	18.9***	8.94***	8.95***
	(1.02)	(1.01)	(1.98)	(1.99)	(1.12)	(1.12)	(1.18)	(1.18)	(2.39)	(2.40)	(1.12)	(1.12)	(2.56)	(2.57)	(5.99)	(5.98)	(1.12)	(1.12)
mesh_C	8.84***	8.84***	15.9***	15.9***	8.34***	8.33***	9.81***	9.81***	14.2***	14.3***	8.34***	8.33***	11.4***	11.3***	20.7***	20.6***	8.34***	8.33***
	(1.07)	(1.08)	(2.95)	(2.94)	(1.12)	(1.12)	(1.19)	(1.19)	(3.40)	(3.41)	(1.12)	(1.12)	(2.00)	(2.00)	(5.04)	(5.01)	(1.12)	(1.12)
mesh_D	3.02***	3.02***	5.22***	5.22***	3.35***	3.36***	2.80***	2.80***	5.28***	5.28***	3.35***	3.36***	4.56***	4.56***	6.96***	6.95***	3.35***	3.36***
	(0.435)	(0.435)	(0.676)	(0.681)	(0.407)	(0.407)	(0.519)	(0.520)	(0.885)	(0.888)	(0.407)	(0.407)	(0.909)	(0.909)	(2.01)	(2.01)	(0.407)	(0.407)
mesh_E	4.93***	4.92***	6.60***	6.62***	3.84***	3.84***	5.73***	5.73***	9.36***	9.38***	3.84***	3.84***	3.85	3.87	2.58	2.77	3.84***	3.84***
	(0.883)	(0.884)	(2.34)	(2.34)	(0.981)	(0.984)	(1.35)	(1.35)	(2.83)	(2.82)	(0.981)	(0.984)	(2.71)	(2.71)	(7.20)	(7.21)	(0.981)	(0.984)
mesh_F	6.50***	6.50***	3.55	3.54	8.91***	8.88***	4.98*	4.94*	9.20	8.93	8.91***	8.88***	14.5***	14.6***	37.6**	37.7**	8.91***	8.88***
	(1.69)	(1.69)	(5.81)	(5.80)	(1.89)	(1.88)	(2.66)	(2.66)	(11.7)	(11.7)	(1.89)	(1.88)	(4.72)	(4.71)	(16.4)	(16.3)	(1.89)	(1.88)
mesh_G	7.98***	7.98***	7.05***	7.05***	7.41***	7.41***	8.45***	8.45***	8.25***	8.20***	7.41***	7.41***	11.3***	11.3***	5.49	5.39	7.41***	7.41***
	(0.730)	(0.731)	(1.88)	(1.87)	(0.812)	(0.814)	(0.973)	(0.972)	(2.09)	(2.10)	(0.812)	(0.814)	(1.61)	(1.61)	(4.75)	(4.72)	(0.812)	(0.814)
mesh_H	16.2***	16.2***	42.8***	42.9***	16.1***	16.0***	17.2***	17.2***	44.9***	45.1***	16.1***	16.0***	18.1	18.1	38.4	37.4	16.1***	16.0***
	(2.66)	(2.65)	(9.44)	(9.47)	(2.61)	(2.61)	(3.92)	(3.93)	(12.4)	(12.4)	(2.61)	(2.61)	(14.4)	(14.4)	(42.7)	(42.7)	(2.61)	(2.61)
mesh_I	3.33	3.31	15.5	15.3	3.92	3.89	10.4	10.3	74.0*	73.4*	3.92	3.89	-16.6	-16.6	-51.0	-51.3	3.92	3.89
	(4.57)	(4.57)	(27.6)	(27.7)	(4.00)	(3.99)	(12.7)	(12.8)	(38.9)	(39.4)	(4.00)	(3.99)	(13.3)	(13.3)	(39.6)	(39.8)	(4.00)	(3.99)
mesh_J	6.33***	6.34***	25.0***	25.0***	5.16***	5.17***	11.4***	11.4***	22.2***	22.2***	5.16***	5.17***	15.3***	15.3***	20.7	20.0	5.16***	5.17***
	(1.50)	(1.50)	(4.76)	(4.77)	(1.75)	(1.75)	(2.21)	(2.20)	(6.90)	(6.92)	(1.75)	(1.75)	(5.36)	(5.33)	(26.6)	(26.5)	(1.75)	(1.75)
mesh_K	-10.8	-10.6	0.137	0.694	-28.2	-27.7	-5.52	-5.10	47.2	47.4	-28.2	-27.7	-86.4**	-86.1**	-277.7*	-274.5*	-28.2	-27.7
	(17.3)	(17.4)	(37.0)	(36.6)	(19.0)	(19.3)	(24.3)	(24.4)	(46.3)	(45.9)	(19.0)	(19.3)	(37.9)	(37.7)	(146.2)	(144.7)	(19.0)	(19.3)
mesh_L	13.5***	13.5***	21.5***	21.4***	12.4***	12.4***	17.7***	17.6***	23.2***	23.1***	12.4***	12.4***	10.4	10.3	26.8	26.5	12.4***	12.4***
	(1.41)	(1.42)	(5.15)	(5.12)	(1.87)	(1.87)	(2.64)	(2.65)	(7.03)	(7.01)	(1.87)	(1.87)	(8.23)	(8.22)	(18.8)	(18.9)	(1.87)	(1.87)
mesh_M	13.7***	13.6***	19.6**	19.8**	11.1***	11.1***	12.3***	12.3***	-0.755	-0.898	11.1***	11.1***	12.4***	12.4***	40.1***	40.2***	11.1***	11.1***
	(2.42)	(2.42)	(8.39)	(8.40)	(2.86)	(2.86)	(3.75)	(3.74)	(14.8)	(14.9)	(2.86)	(2.86)	(3.58)	(3.58)	(12.2)	(12.2)	(2.86)	(2.86)
mesh_N	11.5***	11.5***	28.0***	28.1***	11.9***	11.9***	13.6***	13.6***	31.4***	31.7***	11.9***	11.9***	26.8***	26.8***	26.1*	25.7*	11.9***	11.9***
	(1.90)	(1.89)	(7.57)	(7.55)	(1.80)	(1.80)	(2.90)	(2.90)	(8.94)	(8.94)	(1.80)	(1.80)	(3.86)	(3.86)	(14.4)	(14.4)	(1.80)	(1.80)
mesh_Z	-1.53	-1.53	9.35	8.81	0.107	0.128	2.47	2.46	11.9	10.2	0.107	0.128	1.52	1.55	3.22	3.28	0.107	0.128
	(3.93)	(3.95)	(16.6)	(16.5)	(3.78)	(3.80)	(9.97)	(9.96)	(38.9)	(38.8)	(3.78)	(3.80)	(8.55)	(8.56)	(29.6)	(29.8)	(3.78)	(3.80)
mesh_n	5.62	5.59	-0.878	-1.16	7.55**	7.47**	18.4***	18.4***	14.0	13.7	7.55**	7.47**	9.06	9.10	1.56	1.44	7.55**	7.47**
	(3.72)	(3.72)	(9.84)	(9.92)	(3.55)	(3.55)	(5.07)	(5.08)	(13.5)	(13.6)	(3.55)	(3.55)	(6.36)	(6.35)	(21.5)	(21.7)	(3.55)	(3.55)
AlphaFold × Counterfactual AI	0.017	0.002	-0.026	0.008	0.051	-0.003	0.052	0.002	0.046	0.004	0.051	-0.003	-0.140	-0.022	-0.874*	-0.201	0.051	-0.003
	(0.092)	(0.009)	(0.237)	(0.011)	(0.050)	(0.002)	(0.128)	(0.009)	(0.267)	(0.008)	(0.050)	(0.002)	(0.089)	(0.027)	(0.471)	(0.182)	(0.050)	(0.002)
AlphaFold × Counterfactual No AI	0.017	0.0007	-0.288	-0.003	0.004	-0.0006**	0.003	0.0009	-0.298	-0.0007	0.004	-0.0006**	-0.055	0.014*	-0.041	-0.0009	0.004	-0.0006**
	(0.128)	(0.001)	(0.200)	(0.007)	(0.056)	(0.0002)	(0.135)	(0.001)	(0.183)	(0.003)	(0.056)	(0.0002)	(0.289)	(0.008)	(0.555)	(0.009)	(0.056)	(0.0002)
AlphaFold - Method × Counterfactual AI - Method	-0.156	-0.160	0.007	-0.042	-0.045	-0.034	-0.052	-0.054	0.027	-0.043	-0.045	-0.034					-0.045	-0.034
	(0.214)	(0.197)	(0.267)	(0.334)	(0.035)	(0.037)	(0.175)	(0.162)	(0.063)	(0.116)	(0.035)	(0.037)					(0.035)	(0.037)
AlphaFold - Method × Counterfactual No AI - Method	-0.002	-0.005	-0.152	-0.220	-0.0009	-0.001*	-0.021	-0.024	-0.156	-0.216	-0.0009	-0.001*	0.006	-0.110			-0.0009	-0.001*
	(0.023)	(0.022)	(0.285)	(0.321)	(0.0006)	(0.0006)	(0.028)	(0.023)	(0.273)	(0.323)	(0.0006)	(0.0006)	(0.035)	(0.068)			(0.0006)	(0.0006)
Fixed-effects																		
pi_id	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_cited_by_count	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_2yr_mean_citedness	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_h_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_i10_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_country_code	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
covid_share_2020	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fit statistics																		
Observations	87,284	87,284	20,649	20,649	78,819	78,819	42,436	42,436	11,484	11,484	78,819	78,819	22,584	22,584	4,401	4,401	78,819	78,819
R^2	0.56	0.56	0.57	0.57	0.53	0.53	0.58	0.58	0.59	0.59	0.53	0.53	0.66	0.66	0.70	0.70	0.53	0.53
Mean(Dep. Var.)	2.335	2.335	2.438	2.438	2.276	2.276	2.316	2.316	2.405	2.405	2.276	2.276	2.459	2.459	2.694	2.694	2.276	2.276

Clustered (pi_id & quarter_year) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Dependent Variable:				
	All Fields			
	All PDB		High PDB	
Variables	Extensive	Intensive	Extensive	Intensive
AlphaFold	0.020*	0.010**	0.025	0.019**
	(0.011)	(0.004)	(0.018)	(0.008)
Counterfactual AI	0.003	0.010	-0.045	-0.007
	(0.016)	(0.011)	(0.034)	(0.018)
Counterfactual No AI	0.021	-0.0003	0.018	-0.005
	(0.020)	(0.007)	(0.023)	(0.007)
AlphaFold - Method	0.015	0.006	0.021	0.010
	(0.016)	(0.016)	(0.029)	(0.025)
Counterfactual AI - Method	0.023	0.011	0.056	0.039
	(0.021)	(0.021)	(0.049)	(0.047)
Counterfactual No AI - Method	0.027	0.030	0.050	0.067*
	(0.019)	(0.021)	(0.032)	(0.037)
field_agricultural_and_biological_sciences	2.45***	2.45***	6.33***	6.32***
	(0.401)	(0.402)	(1.22)	(1.21)
field_arts_and_humanities	-5.64**	-5.65**	-7.90	-7.97
	(2.17)	(2.16)	(5.47)	(5.48)
field_biochemistry_genetics_and_molecular_biology	-2.35***	-2.35***	-2.21***	-2.21***
	(0.348)	(0.348)	(0.334)	(0.333)
field_business_management_and_accounting	4.02	4.07	4.05	3.84
	(5.55)	(5.53)	(11.8)	(11.8)
field_chemical_engineering	-1.55	-1.64	-2.19	-2.16
	(2.47)	(2.47)	(8.47)	(8.51)
field_chemistry	-1.50**	-1.50**	-0.768	-0.776
	(0.679)	(0.672)	(1.01)	(0.983)
field_computer_science	0.623	0.627	2.26	2.26
	(1.03)	(1.03)	(2.43)	(2.43)
field_decision_sciences	-8.20***	-8.21***	-11.1	-10.8
	(1.63)	(1.63)	(9.25)	(9.19)
field_dentistry	4.14	4.17	9.82	10.0
	(2.74)	(2.73)	(8.82)	(8.78)
field_earth_and_planetary_sciences	-2.99*	-2.99*	-3.11***	-3.09***
	(1.50)	(1.51)	(1.06)	(1.06)
field_economics_econometrics_and_finance	-6.22	-6.27	-21.5*	-21.4*
	(6.63)	(6.64)	(10.6)	(10.7)
field_energy	-5.02***	-5.03***	-11.4***	-11.4***
	(1.59)	(1.59)	(3.39)	(3.40)
field_engineering	-2.80***	-2.79***	-4.77***	-4.74***
	(0.728)	(0.727)	(1.45)	(1.46)
field_environmental_science	-1.57**	-1.59**	-0.918	-1.00
	(0.728)	(0.727)	(1.64)	(1.64)
field_health_professions	-5.45*	-5.47*	-12.2	-12.1
	(3.15)	(3.15)	(10.7)	(10.8)
field_immunology_and_microbiology	-2.33***	-2.32***	-4.26***	-4.26***
	(0.519)	(0.521)	(1.20)	(1.20)
field_materials_science	-0.917*	-0.923*	-1.80*	-1.79*
	(0.509)	(0.510)	(0.950)	(0.949)
field_mathematics	7.41*	7.40*	24.4*	24.0*
	(3.79)	(3.77)	(12.5)	(12.5)
field_medicine	0.753**	0.758**	2.27***	2.28***
	(0.365)	(0.365)	(0.610)	(0.608)
field_neuroscience	-2.85***	-2.84***	0.490	0.533
	(0.583)	(0.584)	(1.38)	(1.38)
field_nursing	-1.46	-1.46	2.30	2.33
	(1.08)	(1.08)	(2.77)	(2.76)
field_pharmacology_toxicology_and_pharmaceutics	-0.905	-0.908	1.76	1.76
	(1.50)	(1.50)	(3.16)	(3.14)
field_physics_and_astronomy	-3.64***	-3.66***	-3.47*	-3.58*
	(1.32)	(1.32)	(1.81)	(1.84)
field_psychology	-2.76	-2.74	-4.88	-4.73
	(1.99)	(1.99)	(9.59)	(9.62)
field_social_sciences	-5.80**	-5.79**	-3.51	-3.39
	(2.46)	(2.46)	(5.83)	(5.84)
field_veterinary	-3.99	-3.96	-6.96	-6.72
	(3.41)	(3.40)	(6.38)	(6.40)
mesh_	29.1***	29.2***	58.0***	58.4***
	(8.39)	(8.41)	(15.6)	(15.7)
mesh_A	4.27***	4.26***	6.58***	6.56***
	(0.411)	(0.412)	(1.31)	(1.31)
mesh_B	3.86***	3.86***	3.76***	3.73***
	(0.427)	(0.427)	(1.25)	(1.25)
mesh_C	1.75***	1.75***	6.39***	6.38***
	(0.436)	(0.437)	(1.48)	(1.48)
mesh_D	0.659***	0.660***	1.35***	1.34***
	(0.182)	(0.182)	(0.317)	(0.319)
mesh_E	-0.677	-0.673	-0.944	-0.916
	(0.565)	(0.565)	(1.39)	(1.39)
mesh_F	2.25**	2.24**	3.21	3.06
	(0.947)	(0.950)	(3.83)	(3.87)
mesh_G	3.33***	3.33***	2.35**	2.37**
	(0.414)	(0.414)	(1.01)	(1.01)
mesh_H	5.24***	5.24***	14.8***	14.6***
	(1.68)	(1.68)	(4.24)	(4.23)
mesh_I	4.92	4.90	25.4	24.9
	(3.08)	(3.08)	(17.2)	(17.1)
mesh_J	2.46***	2.46***	7.52***	7.51***
	(0.721)	(0.720)	(2.47)	(2.49)
mesh_K	-24.9**	-24.8**	-23.1	-22.7
	(11.7)	(11.8)	(31.0)	(30.7)
mesh_L	8.03***	8.03***	8.95***	8.94***
	(1.08)	(1.08)	(3.23)	(3.22)
mesh_M	8.46***	8.45***	10.3*	10.4*
	(1.10)	(1.10)	(5.66)	(5.66)
mesh_N	6.50***	6.50***	6.84*	6.82*
	(0.960)	(0.960)	(3.78)	(3.77)
mesh_Z	-1.33	-1.33	4.32	3.96
	(1.98)	(1.98)	(8.53)	(8.48)
mesh_n	7.68***	7.64***	6.87	6.62
	(2.30)	(2.30)	(6.91)	(6.98)
AlphaFold × Counterfactual AI	0.025	0.001	-0.036	0.005
	(0.041)	(0.004)	(0.112)	(0.006)
AlphaFold × Counterfactual No AI	0.042	-0.0004	-0.158*	-0.003**
	(0.058)	(0.0004)	(0.090)	(0.001)
AlphaFold - Method × Counterfactual AI - Method	-0.161*	-0.140	-0.115**	-0.135**
	(0.091)	(0.084)	(0.050)	(0.063)
AlphaFold - Method × Counterfactual No AI - Method	-0.019	-0.012	-0.066	-0.129
	(0.012)	(0.011)	(0.165)	(0.182)
Fixed-effects				
pi_id	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes
institution_cited_by_count	Yes	Yes	Yes	Yes
institution_2yr_mean_citedness	Yes	Yes	Yes	Yes
institution_h_index	Yes	Yes	Yes	Yes
institution_i10_index	Yes	Yes	Yes	Yes
institution_country_code	Yes	Yes	Yes	Yes
covid_share_2020	Yes	Yes	Yes	Yes
Fit statistics				
Observations	86,645	86,645	20,525	20,525
R^2	0.31	0.31	0.34	0.34
Mean(Dep. Var.)	1.111	1.111	1.157	1.157

Clustered (pi_id & quarter_year) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Dependent Variable:	ln1p_patent_count																	
	All Fields						Molecular Biology						Medicine					
	All PDB		High PDB		CEM		All PDB		High PDB		CEM		All PDB		High PDB		CEM	
Variables	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive
AlphaFold	-0.021*	-0.007	-0.023	-0.002	-0.019***	-0.003	-0.021	-0.011*	-0.046	-0.013	-0.019***	-0.003	-0.048	-0.015	-0.027	0.008	-0.019***	-0.003
	(0.012)	(0.005)	(0.026)	(0.014)	(0.006)	(0.002)	(0.015)	(0.006)	(0.029)	(0.011)	(0.006)	(0.002)	(0.036)	(0.017)	(0.102)	(0.051)	(0.006)	(0.002)
Counterfactual AI	-0.014	-0.011	-0.004	0.008	-0.017	-0.008*	-0.028	-0.022	-0.048	-0.011	-0.017	-0.008*	0.006	-0.006	-0.007	0.006	-0.017	-0.008*
	(0.018)	(0.009)	(0.039)	(0.020)	(0.014)	(0.004)	(0.020)	(0.014)	(0.041)	(0.018)	(0.014)	(0.004)	(0.060)	(0.029)	(0.127)	(0.082)	(0.014)	(0.004)
Counterfactual No AI	-0.016	-0.015**	-0.030	-0.017	-0.002	-0.004	0.010	-0.004	0.025	0.002	-0.002	-0.004	-0.082	-0.053**	-0.190	-0.087*	-0.002	-0.004
	(0.017)	(0.007)	(0.039)	(0.011)	(0.011)	(0.003)	(0.019)	(0.005)	(0.044)	(0.008)	(0.011)	(0.003)	(0.053)	(0.026)	(0.123)	(0.049)	(0.011)	(0.003)
AlphaFold - Method	-0.028**	-0.019	-0.033*	-0.028	-0.003	0.00005	-0.018	-0.005	-0.041**	-0.036*	-0.003	0.00005	-0.088	-0.077	0.006	-0.001	-0.003	0.00005
	(0.012)	(0.013)	(0.019)	(0.020)	(0.003)	(0.002)	(0.012)	(0.015)	(0.017)	(0.018)	(0.003)	(0.002)	(0.057)	(0.054)	(0.099)	(0.108)	(0.003)	(0.002)
Counterfactual AI - Method	-0.005	0.008	0.006	0.010	-0.002	0.002	-0.005	0.011	0.002	0.001	-0.002	0.002	-0.039	-0.020	0.094	0.097	-0.002	0.002
	(0.021)	(0.020)	(0.050)	(0.052)	(0.006)	(0.006)	(0.029)	(0.030)	(0.079)	(0.081)	(0.006)	(0.006)	(0.054)	(0.052)	(0.151)	(0.156)	(0.006)	(0.006)
Counterfactual No AI - Method	-0.045	-0.021	-0.018	0.017	-0.004	0.001	-0.026	-0.005	-0.036*	-0.029	-0.004	0.001	-0.160	-0.134	-0.003	-0.016	-0.004	0.001
	(0.034)	(0.037)	(0.029)	(0.044)	(0.008)	(0.007)	(0.018)	(0.024)	(0.019)	(0.035)	(0.008)	(0.007)	(0.118)	(0.105)	(0.088)	(0.088)	(0.008)	(0.007)
field_agricultural_and_biological_sciences	0.723**	0.718**	2.38*	2.36*	0.564*	0.566*	0.888	0.896	1.09	1.07	0.564*	0.566*	6.96***	6.94***	24.7**	24.6**	0.564*	0.566*
	(0.273)	(0.272)	(1.30)	(1.29)	(0.291)	(0.291)	(0.670)	(0.672)	(2.29)	(2.30)	(0.291)	(0.291)	(2.55)	(2.54)	(9.19)	(9.21)	(0.291)	(0.291)
field_arts_and_humanities	-1.71	-1.71	1.41	1.35	-1.05	-1.05	3.16	3.22	-5.75	-5.36	-1.05	-1.05	-8.36	-8.41	6.28	4.80	-1.05	-1.05
	(1.74)	(1.74)	(6.91)	(6.93)	(1.77)	(1.77)	(6.56)	(6.55)	(9.16)	(9.12)	(1.77)	(1.77)	(5.73)	(5.68)	(50.6)	(50.8)	(1.77)	(1.77)
field_biochemistry_genetics_and_molecular_biology	0.687*	0.688*	0.402	0.402	0.660*	0.657*	0.679***	0.681***	0.613	0.605	0.660*	0.657*	-0.227	-0.249	-1.31	-1.37	0.660*	0.657*
	(0.345)	(0.345)	(0.551)	(0.550)	(0.343)	(0.344)	(0.200)	(0.198)	(0.444)	(0.441)	(0.343)	(0.344)	(0.724)	(0.723)	(2.02)	(1.95)	(0.343)	(0.344)
field_business_management_and_accounting	5.64*	5.63*	6.29	6.40	5.58	5.60	7.68	7.67	3.75	4.07	5.58	5.60	0.910	0.776	6.89	5.67	5.58	5.60
	(3.18)	(3.17)	(7.93)	(7.97)	(3.99)	(3.98)	(7.14)	(7.12)	(8.01)	(8.01)	(3.99)	(3.98)	(12.2)	(12.1)	(64.9)	(65.0)	(3.99)	(3.98)
field_chemical_engineering	-1.19	-1.18	-0.625	-0.641	0.394	0.339	-2.81	-2.90	-1.47	-1.62	0.394	0.339	4.03	3.90	-0.522	-1.43	0.394	0.339
	(1.58)	(1.59)	(5.28)	(5.27)	(2.01)	(2.01)	(2.86)	(2.84)	(12.9)	(12.9)	(2.01)	(2.01)	(7.96)	(7.99)	(27.4)	(27.4)	(2.01)	(2.01)
field_chemistry	0.853*	0.854*	1.10	1.11	1.25**	1.25**	1.34*	1.31	2.66*	2.61	1.25**	1.25**	2.35	2.35	10.5*	10.2*	1.25**	1.25**
	(0.463)	(0.462)	(0.698)	(0.694)	(0.496)	(0.495)	(0.782)	(0.787)	(1.57)	(1.57)	(0.496)	(0.495)	(2.19)	(2.18)	(5.53)	(5.46)	(0.496)	(0.495)
field_computer_science	1.34	1.35	3.26	3.31	2.46**	2.44**	0.991	0.999	0.126	0.239	2.46**	2.44**	1.72	1.93	-0.662	-0.446	2.46**	2.44**
	(1.05)	(1.05)	(2.28)	(2.29)	(0.946)	(0.948)	(1.51)	(1.52)	(3.69)	(3.70)	(0.946)	(0.948)	(2.65)	(2.64)	(9.35)	(9.17)	(0.946)	(0.948)
field_decision_sciences	-2.42*	-2.41*	-13.3*	-12.9*	-0.575	-0.566	-4.66	-4.55	-10.1	-9.71	-0.575	-0.566	-21.9	-22.5*	-75.7***	-74.2**	-0.575	-0.566
	(1.28)	(1.28)	(6.92)	(6.90)	(1.30)	(1.31)	(5.14)	(5.14)	(7.87)	(7.90)	(1.30)	(1.31)	(13.4)	(13.2)	(27.5)	(27.6)	(1.30)	(1.31)
field_dentistry	-0.922	-0.928	-13.6***	-13.5**	-2.57**	-2.55**	1.33	1.30	-10.9*	-10.7*	-2.57**	-2.55**	-1.13	-1.24	-24.9	-25.8	-2.57**	-2.55**
	(1.26)	(1.27)	(4.99)	(4.96)	(0.985)	(0.987)	(2.98)	(2.99)	(5.72)	(5.69)	(0.985)	(0.987)	(4.07)	(4.06)	(21.5)	(21.4)	(0.985)	(0.987)
field_earth_and_planetary_sciences	0.225	0.206	0.476	0.446	0.149	0.141	-0.738	-0.702	0.294	0.328	0.149	0.141	0.632	0.773	-1.03	-1.12	0.149	0.141
	(0.629)	(0.632)	(0.842)	(0.849)	(0.859)	(0.863)	(2.83)	(2.83)	(5.80)	(5.77)	(0.859)	(0.863)	(4.35)	(4.22)	(12.2)	(11.6)	(0.859)	(0.863)
field_economics_econometrics_and_finance	-7.23**	-7.23**	-26.8***	-27.0***	-5.73*	-5.70*	-4.73	-4.64	-35.3	-36.0	-5.73*	-5.70*	-3.74	-3.39	-23.4	-24.6	-5.73*	-5.70*
	(3.04)	(3.04)	(8.22)	(8.22)	(2.92)	(2.90)	(6.62)	(6.60)	(22.1)	(22.0)	(2.92)	(2.90)	(8.71)	(8.73)	(31.8)	(31.7)	(2.92)	(2.90)
field_energy	0.738	0.760	-3.93	-3.91	1.50	1.51	0.165	0.155	-3.47	-3.46	1.50	1.51	12.9	12.9	25.8	25.5	1.50	1.51
	(1.23)	(1.23)	(2.63)	(2.63)	(1.21)	(1.21)	(1.57)	(1.57)	(2.53)	(2.58)	(1.21)	(1.21)	(16.5)	(16.4)	(38.4)	(38.5)	(1.21)	(1.21)
field_engineering	1.23*	1.22*	0.964	0.952	1.42*	1.42*	1.03	1.02	-0.785	-0.789	1.42*	1.42*	1.84	1.85	3.64	4.00	1.42*	1.42*
	(0.635)	(0.634)	(2.03)	(2.03)	(0.795)	(0.794)	(0.767)	(0.765)	(2.10)	(2.10)	(0.795)	(0.794)	(2.47)	(2.46)	(12.3)	(12.2)	(0.795)	(0.794)
field_environmental_science	0.342	0.355	-1.21	-1.23	0.296	0.301	1.29	1.29	3.36	3.29	0.296	0.301	1.68	1.74	-12.1	-12.8	0.296	0.301
	(0.500)	(0.500)	(1.63)	(1.63)	(0.445)	(0.447)	(1.16)	(1.15)	(3.21)	(3.22)	(0.445)	(0.447)	(3.22)	(3.23)	(9.60)	(9.57)	(0.445)	(0.447)
field_health_professions	1.69	1.74	-4.14	-3.90	1.77	1.77	5.19	5.25	-0.028	0.122	1.77	1.77	-2.42	-2.39	-17.0	-16.6	1.77	1.77
	(1.24)	(1.24)	(5.44)	(5.38)	(1.28)	(1.29)	(3.19)	(3.18)	(8.88)	(8.85)	(1.28)	(1.29)	(2.79)	(2.80)	(10.5)	(10.3)	(1.28)	(1.29)
field_immunology_and_microbiology	2.05***	2.03***	4.30**	4.31**	1.53*	1.52*	1.53*	1.52*	2.07	2.07	1.53*	1.52*	3.41**	3.35**	11.3**	11.2**	1.53*	1.52*
	(0.728)	(0.729)	(1.67)	(1.66)	(0.787)	(0.786)	(0.902)	(0.901)	(2.65)	(2.64)	(0.787)	(0.786)	(1.30)	(1.31)	(4.37)	(4.36)	(0.787)	(0.786)
field_materials_science	-0.086	-0.084	-0.721	-0.702	0.160	0.160	0.123	0.108	-0.384	-0.380	0.160	0.160	-3.38*	-3.26	-7.27	-7.02	0.160	0.160
	(0.307)	(0.308)	(0.690)	(0.692)	(0.327)	(0.327)	(0.692)	(0.688)	(1.27)	(1.25)	(0.327)	(0.327)	(1.98)	(1.97)	(7.46)	(7.44)	(0.327)	(0.327)
field_mathematics	8.20**	8.22**	22.5**	22.7**	8.85**	8.89**	-0.438	-0.417	3.84	3.99	8.85**	8.89**	27.4**	27.4**	34.6	35.1	8.85**	8.89**
	(3.74)	(3.74)	(9.07)	(9.05)	(3.93)	(3.93)	(4.24)	(4.28)	(8.00)	(8.04)	(3.93)	(3.93)	(11.1)	(11.0)	(21.3)	(21.1)	(3.93)	(3.93)
field_medicine	1.76**	1.77**	3.35**	3.34**	1.51**	1.52**	0.984**	0.988**	2.51**	2.51**	1.51**	1.52**	2.17***	2.18***	3.63**	3.64**	1.51**	1.52**
	(0.657)	(0.657)	(1.40)	(1.39)	(0.589)	(0.590)	(0.436)	(0.435)	(1.08)	(1.08)	(0.589)	(0.590)	(0.568)	(0.566)	(1.47)	(1.46)	(0.589)	(0.590)
field_neuroscience	0.493	0.499	0.484	0.486	0.014	0.009	-0.300	-0.301	2.15	2.17	0.014	0.009	-0.663	-0.706	-7.50	-7.59	0.014	0.009
	(0.430)	(0.432)	(1.24)	(1.24)	(0.498)	(0.499)	(0.737)	(0.740)	(1.80)	(1.81)	(0.498)	(0.499)	(1.21)	(1.21)	(5.28)	(5.23)	(0.498)	(0.499)
field_nursing	-1.23*	-1.23*	-5.54*	-5.51*	-1.41*	-1.42*	-2.49**	-2.52**	-9.90***	-9.97***	-1.41*	-1.42*	-2.70	-2.75	-9.19	-8.67	-1.41*	-1.42*
	(0.629)	(0.629)	(2.88)	(2.88)	(0.715)	(0.715)	(1.20)	(1.20)	(3.35)	(3.35)	(0.715)	(0.715)	(2.31)	(2.32)	(13.0)	(13.0)	(0.715)	(0.715)
field_pharmacology_toxicology_and_pharmaceutics	-0.345	-0.317	-2.58	-2.57	-0.218	-0.184	-0.294	-0.318	1.66	1.56	-0.218	-0.184	-2.00	-1.89	-7.79	-7.64	-0.218	-0.184
	(0.955)	(0.956)	(2.62)	(2.62)	(0.913)	(0.910)	(2.13)	(2.13)	(3.90)	(3.91)	(0.913)	(0.910)	(3.33)	(3.35)	(13.2)	(13.2)	(0.913)	(0.910)
field_physics_and_astronomy	0.288	0.284	0.452	0.395	0.409	0.394	0.596	0.596	-3.49	-3.49	0.409	0.394	-8.22	-8.29	-11.7	-11.6	0.409	0.394
	(0.547)	(0.547)	(1.70)	(1.69)	(0.562)	(0.566)	(1.56)	(1.56)	(2.52)	(2.50)	(0.562)	(0.566)	(5.24)	(5.21)	(16.7)	(16.7)	(0.562)	(0.566)
field_psychology	2.05	2.03	-1.19	-1.13	1.90	1.93	0.227	0.201	0.606	0.969	1.90	1.93	6.81	6.82	7.38	7.12	1.90	1.93
	(1.80)	(1.80)	(6.19)	(6.23)	(1.29)	(1.29)	(3.72)	(3.73)	(14.3)	(14.3)	(1.29)	(1.29)	(4.42)	(4.43)	(17.8)	(17.9)	(1.29)	(1.29)
field_social_sciences	-1.73	-1.74	-2.24	-2.37	-0.673	-0.657	-3.92	-3.95	-1.75	-1.91	-0.673	-0.657	-1.64	-1.41	-1.00	-1.52	-0.673	-0.657
	(1.43)	(1.43)	(6.62)	(6.65)	(1.59)	(1.60)	(2.36)	(2.36)	(8.30)	(8.36)	(1.59)	(1.60)	(4.95)	(5.01)	(24.8)	(25.6)	(1.59)	(1.60)
field_veterinary	-4.24**	-4.24**	-11.8**	-11.7**	-3.82**	-3.75**	-3.17	-3.23	-4.26	-4.46	-3.82**	-3.75**	-14.1***	-14.1***	-30.9**	-29.2**	-3.82**	-3.75**
	(1.77)	(1.77)	(4.80)	(4.77)	(1.67)	(1.67)	(4.99)	(4.97)	(11.2)	(11.1)	(1.67)	(1.67)	(4.30)	(4.36)	(12.5)	(11.7)	(1.67)	(1.67)
mesh_	19.1**	19.0**	73.8**	73.5**	13.6**	13.6**	36.2***	36.0***	55.2	54.9	13.6**	13.6**	42.5*	41.6*	186.0**	186.4**	13.6**	13.6**
	(8.02)	(8.00)	(34.0)	(34.0)	(5.34)	(5.35)	(10.4)	(10.4)	(36.0)	(36.1)	(5.34)	(5.35)	(24.2)	(24.2)	(73.3)	(73.7)	(5.34)	(5.35)
mesh_A	0.887***	0.887***	1.41	1.41	0.874***	0.870**	0.952*	0.956*	2.93*	2.98*	0.874***	0.870**	-0.589	-0.577	-2.32	-2.39	0.874***	0.870**
	(0.317)	(0.317)	(1.18)	(1.18)	(0.319)	(0.319)	(0.491)	(0.490)	(1.65)	(1.65)	(0.319)	(0.319)	(0.955)	(0.959)	(3.64)	(3.66)	(0.319)	(0.319)
mesh_B	2.11***	2.11***	4.02***	4.02***	2.41***	2.41***	2.15***	2.16***	1.62	1.63	2.41***	2.41***	7.00***	7.03***	7.64**	7.65**	2.41***	2.41***
	(0.310)	(0.310)	(0.935)	(0.939)	(0.368)	(0.369)	(0.463)	(0.463)	(1.38)	(1.39)	(0.368)	(0.369)	(1.06)	(1.06)	(3.41)	(3.44)	(0.368)	(0.369)
mesh_C	0.988***	0.991***	4.73***	4.75***	1.08***	1.08***	2.01***	2.02***	6.57***	6.58***	1.08***	1.08***	-0.453	-0.447	-1.20	-1.06	1.08***	1.08***
	(0.340)	(0.339)	(1.70)	(1.69)	(0.341)	(0.340)	(0.507)	(0.505)	(2.28)	(2.28)	(0.341)	(0.340)	(0.732)	(0.733)	(3.23)	(3.25)	(0.341)	(0.340)
mesh_D	0.740***	0.740***	1.60***	1.59***	0.695***	0.700***	0.456**	0.457**	1.11***	1.11***	0.695***	0.700***	1.66***	1.66***	3.88***	3.87***	0.695***	0.700***
	(0.143)	(0.143)	(0.358)	(0.357)	(0.163)	(0.164)	(0.200)	(0.199)	(0.386)	(0.384)	(0.163)	(0.164)	(0.397)	(0.396)	(1.39)	(1.41)	(0.163)	(0.164)
mesh_E	3.69***	3.69***	8.24***	8.24***	3.74***	3.74***	4.87***	4.87***	8.59***	8.62***	3.74***	3.74***	5.70***	5.74***	16.3***	16.4***	3.74***	3.74***
	(0.504)	(0.503)	(1.73)	(1.73)	(0.446)	(0.445)	(0.785)	(0.786)	(2.19)	(2.20)	(0.446)	(0.445)	(1.40)	(1.39)	(5.80)	(5.77)	(0.446)	(0.445)
mesh_F	0.390	0.397	1.49	1.46	0.490	0.497	-0.775	-0.762	-0.342	-0.290	0.490	0.497	1.53	1.49	7.77	7.02	0.490	0.497
	(0.767)	(0.769)	(2.97)	(2.99)	(0.681)	(0.680)	(1.20)	(1.20)	(4.05)	(4.06)	(0.681)	(0.680)	(1.92)	(1.93)	(6.62)	(6.53)	(0.681)	(0.680)
mesh_G	0.323	0.327	-0.630	-0.611	0.382	0.383	0.546	0.550	0.596	0.595	0.382	0.383	0.796	0.811	-1.84	-1.82	0.382	0.383
	(0.267)	(0.267)	(0.955)	(0.957)	(0.280)	(0.280)	(0.442)	(0.441)	(1.20)	(1.19)	(0.280)	(0.280)	(0.811)	(0.810)	(3.21)	(3.21)	(0.280)	(0.280)
mesh_H	-0.034	-0.023	5.24	5.19	0.526	0.536	0.109	0.134	2.88	3.07	0.526	0.536	-1.77	-1.80	-17.5	-17.5	0.526	0.536
	(0.990)	(0.986)	(5.00)	(4.98)	(0.954)	(0.951)	(2.23)	(2.22)	(6.36)	(6.34)	(0.954)	(0.951)	(4.06)	(4.09)	(31.2)	(31.2)	(0.954)	(0.951)
mesh_I	2.92	2.90	-25.3**	-25.9**	4.31	4.28	7.44	7.49	6.21	6.03	4.31	4.28	-2.38	-2.55	-71.7**	-73.1**	4.31	4.28
	(2.85)	(2.85)	(9.82)	(9.76)	(2.95)	(2.93)	(8.36)	(8.35)	(18.7)	(18.7)	(2.95)	(2.93)	(5.62)	(5.67)	(29.1)	(29.3)	(2.95)	(2.93)
mesh_J	0.196	0.196	4.47*	4.46*	0.125	0.129	2.02*	2.02*	5.19	5.17	0.125	0.129	-3.77	-3.87	-12.3	-12.6	0.125	0.129
	(0.521)	(0.522)	(2.47)	(2.48)	(0.428)	(0.429)	(1.15)	(1.15)	(3.33)	(3.34)	(0.428)	(0.429)	(2.52)	(2.53)	(15.6)	(15.6)	(0.428)	(0.429)
mesh_K	-8.09	-7.96	-10.2	-10.2	-9.17*	-9.14*	-11.0**	-10.7*	-11.7	-11.5	-9.17*	-9.14*	-0.546	-0.602	50.2	52.9	-9.17*	-9.14*
	(4.89)	(4.86)	(14.5)	(14.5)	(4.92)	(4.91)	(5.34)	(5.34)	(18.9)	(18.8)	(4.92)	(4.91)	(15.9)	(15.9)	(50.9)	(50.3)	(4.92)	(4.91)
mesh_L	2.89***	2.88***	0.960	0.952	1.93**	1.93**	3.97***	3.95***	0.679	0.620	1.93**	1.93**	3.47	3.50	2.64	2.86	1.93**	1.93**
	(0.619)	(0.619)	(2.08)	(2.08)	(0.736)	(0.740)	(1.04)	(1.05)	(3.01)	(3.00)	(0.736)	(0.740)	(2.26)	(2.26)	(11.8)	(11.7)	(0.736)	(0.740)
mesh_M	0.581	0.580	0.548	0.618	-0.274	-0.280	-0.805	-0.815	-0.387	-0.377	-0.274	-0.280	0.090	0.072	0.364	0.935	-0.274	-0.280
	(0.777)	(0.775)	(4.20)	(4.21)	(0.816)	(0.812)	(1.79)	(1.80)	(5.94)	(5.97)	(0.816)	(0.812)	(1.93)	(1.94)	(14.4)	(14.5)	(0.816)	(0.812)
mesh_N	0.506	0.502	3.60	3.61	0.521	0.524	-1.48	-1.48	-0.354	-0.222	0.521	0.524	0.612	0.563	6.38	6.56	0.521	0.524
	(0.552)	(0.551)	(3.91)	(3.91)	(0.564)	(0.564)	(0.964)	(0.965)	(4.01)	(3.97)	(0.564)	(0.564)	(2.15)	(2.15)	(12.1)	(12.2)	(0.564)	(0.564)
mesh_Z	-1.48	-1.48	-8.68	-8.93	-2.79**	-2.79**	-5.72	-5.75	-7.91	-8.41	-2.79**	-2.79**	2.05	2.04	-21.7	-22.7	-2.79**	-2.79**
	(1.12)	(1.12)	(9.38)	(9.38)	(1.30)	(1.30)	(3.45)	(3.45)	(16.2)	(16.1)	(1.30)	(1.30)	(5.05)	(4.99)	(25.1)	(25.3)	(1.30)	(1.30)
mesh_n	2.09	2.10	23.1***	23.0***	1.74	1.75	6.65***	6.68***	16.0*	15.9*	1.74	1.75	1.08	1.06	43.1**	42.2**	1.74	1.75
	(1.40)	(1.41)	(7.54)	(7.54)	(1.58)	(1.57)	(2.06)	(2.07)	(9.33)	(9.36)	(1.58)	(1.57)	(3.35)	(3.36)	(19.5)	(19.7)	(1.58)	(1.57)
AlphaFold × Counterfactual AI	-0.055	-0.004	-0.106	-0.006	-0.002	0.00007	-0.036	-0.002	-0.084	-0.003	-0.002	0.00007	-0.095	-0.009	-0.305	-0.115	-0.002	0.00007
	(0.063)	(0.006)	(0.134)	(0.007)	(0.019)	(0.0009)	(0.088)	(0.007)	(0.186)	(0.007)	(0.019)	(0.0009)	(0.133)	(0.031)	(0.272)	(0.103)	(0.019)	(0.0009)
AlphaFold × Counterfactual No AI	-0.056	0.0007*	-0.087	0.001	-0.062**	-0.0002	-0.053	0.0003	-0.043	-0.0003	-0.062**	-0.0002	-0.039	-0.004	-0.126	0.004	-0.062**	-0.0002
	(0.048)	(0.0004)	(0.096)	(0.002)	(0.025)	(0.0002)	(0.038)	(0.0004)	(0.077)	(0.001)	(0.025)	(0.0002)	(0.247)	(0.014)	(0.519)	(0.020)	(0.025)	(0.0002)
AlphaFold - Method × Counterfactual AI - Method	0.022	0.004	0.054	0.006	0.027**	0.029**	-0.0004	0.005	-0.004	-0.013	0.027**	0.029**					0.027**	0.029**
	(0.044)	(0.063)	(0.052)	(0.062)	(0.011)	(0.012)	(0.106)	(0.103)	(0.067)	(0.064)	(0.011)	(0.012)					(0.011)	(0.012)
AlphaFold - Method × Counterfactual No AI - Method	0.013	0.010	0.159***	0.107	0.0005	0.0001	0.013	0.007	0.118*	0.116	0.0005	0.0001	0.050	0.103			0.0005	0.0001
	(0.011)	(0.010)	(0.052)	(0.068)	(0.0004)	(0.0003)	(0.011)	(0.011)	(0.070)	(0.087)	(0.0004)	(0.0003)	(0.029)	(0.103)			(0.0004)	(0.0003)
Fixed-effects																		
pi_id	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_cited_by_count	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_2yr_mean_citedness	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_h_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_i10_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_country_code	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
covid_share_2020	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fit statistics																		
Observations	87,284	87,284	20,649	20,649	78,819	78,819	42,436	42,436	11,484	11,484	78,819	78,819	22,584	22,584	4,401	4,401	78,819	78,819
R^2	0.28	0.28	0.34	0.34	0.23	0.23	0.28	0.28	0.32	0.32	0.23	0.23	0.39	0.39	0.48	0.48	0.23	0.23
Mean(Dep. Var.)	0.177	0.177	0.281	0.281	0.149	0.149	0.168	0.168	0.237	0.237	0.149	0.149	0.231	0.231	0.443	0.443	0.149	0.149

Clustered (pi_id & quarter_year) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Dependent Variable:				
	All Fields			
	All PDB		High PDB	
Variables	Extensive	Intensive	Extensive	Intensiv
AlphaFold	-0.012	-0.001	-0.007	0.004
	(0.012)	(0.006)	(0.027)	(0.015)
Counterfactual AI	-0.011	-0.010	0.025	0.017
	(0.014)	(0.009)	(0.035)	(0.017)
Counterfactual No AI	-0.028	-0.015*	-0.025	-0.018
	(0.016)	(0.008)	(0.042)	(0.013)
AlphaFold - Method	-0.021*	-0.019	-0.039**	-0.038**
	(0.012)	(0.012)	(0.018)	(0.019)
Counterfactual AI - Method	0.003	0.011	0.019	0.022
	(0.021)	(0.021)	(0.053)	(0.055)
Counterfactual No AI - Method	-0.050	-0.033	-0.020	0.012
	(0.033)	(0.037)	(0.032)	(0.051)
field_agricultural_and_biological_sciences	0.895***	0.892***	4.19**	4.17**
	(0.271)	(0.270)	(1.61)	(1.61)
field_arts_and_humanities	-1.38	-1.37	-6.52**	-6.58**
	(1.06)	(1.06)	(2.77)	(2.77)
field_biochemistry_genetics_and_molecular_biology	0.292	0.293	-0.103	-0.100
	(0.243)	(0.242)	(0.444)	(0.441)
field_business_management_and_accounting	4.35	4.31	-2.32	-2.27
	(3.65)	(3.64)	(3.47)	(3.55)
field_chemical_engineering	0.223	0.248	-0.467	-0.495
	(1.29)	(1.30)	(5.52)	(5.52)
field_chemistry	0.151	0.156	0.249	0.267
	(0.318)	(0.319)	(0.496)	(0.496)
field_computer_science	0.990	0.995	0.420	0.466
	(1.03)	(1.03)	(1.89)	(1.89)
field_decision_sciences	-1.83*	-1.83*	-3.55	-3.26
	(1.02)	(1.02)	(4.73)	(4.74)
field_dentistry	-0.217	-0.222	-5.64	-5.56
	(1.10)	(1.10)	(4.55)	(4.49)
field_earth_and_planetary_sciences	-0.433	-0.442	-0.398	-0.422
	(0.444)	(0.443)	(0.687)	(0.690)
field_economics_econometrics_and_finance	-6.80***	-6.85***	-22.6**	-23.0**
	(2.42)	(2.42)	(10.1)	(10.1)
field_energy	-0.819	-0.795	-2.43	-2.39
	(0.824)	(0.826)	(2.20)	(2.20)
field_engineering	0.335	0.326	0.663	0.658
	(0.417)	(0.416)	(1.71)	(1.71)
field_environmental_science	0.408	0.413	0.310	0.277
	(0.445)	(0.444)	(1.43)	(1.43)
field_health_professions	0.998	1.04	-9.52	-9.31
	(1.10)	(1.10)	(6.05)	(6.01)
field_immunology_and_microbiology	1.10**	1.09**	1.78	1.79
	(0.466)	(0.468)	(1.36)	(1.35)
field_materials_science	0.004	0.010	-0.112	-0.106
	(0.268)	(0.269)	(0.570)	(0.568)
field_mathematics	8.84*	8.84*	18.1	18.3
	(4.72)	(4.72)	(12.0)	(12.0)
field_medicine	1.40**	1.40**	3.48**	3.47**
	(0.589)	(0.588)	(1.48)	(1.48)
field_neuroscience	0.233	0.238	-0.365	-0.342
	(0.319)	(0.320)	(1.09)	(1.10)
field_nursing	-0.575	-0.559	-3.08	-3.04
	(0.514)	(0.514)	(2.38)	(2.38)
field_pharmacology_toxicology_and_pharmaceutics	-1.33*	-1.31*	-3.42	-3.38
	(0.746)	(0.750)	(2.38)	(2.38)
field_physics_and_astronomy	0.687	0.685	-0.134	-0.220
	(0.601)	(0.602)	(1.30)	(1.29)
field_psychology	0.868	0.856	-4.27	-4.18
	(1.20)	(1.20)	(4.95)	(5.01)
field_social_sciences	-1.55	-1.55	-0.779	-0.874
	(1.52)	(1.52)	(7.46)	(7.48)
field_veterinary	-3.18**	-3.16**	-7.82*	-7.67*
	(1.30)	(1.30)	(4.22)	(4.22)
mesh_	18.0***	18.0***	62.6*	62.4*
	(5.05)	(5.03)	(31.9)	(31.8)
mesh_A	0.641**	0.640**	0.654	0.641
	(0.307)	(0.306)	(1.17)	(1.17)
mesh_B	0.973***	0.969***	1.66**	1.65**
	(0.264)	(0.264)	(0.801)	(0.806)
mesh_C	0.733**	0.736**	3.58*	3.61*
	(0.318)	(0.318)	(1.83)	(1.82)
mesh_D	0.485***	0.484***	1.45***	1.44***
	(0.112)	(0.112)	(0.302)	(0.301)
mesh_E	2.43**	2.43**	6.16***	6.17***
	(0.469)	(0.468)	(1.51)	(1.51)
mesh_F	-0.052	-0.049	-1.81	-1.92
	(0.731)	(0.733)	(2.62)	(2.64)
mesh_G	0.267	0.269	-0.524	-0.502
	(0.218)	(0.218)	(0.811)	(0.812)
mesh_H	-0.785	-0.780	-0.927	-1.00
	(0.957)	(0.956)	(3.19)	(3.19)
mesh_I	1.97	1.96	-18.0*	-18.7*
	(1.99)	(1.99)	(9.75)	(9.64)
mesh_J	-0.078	-0.078	1.72	1.71
	(0.449)	(0.449)	(2.37)	(2.37)
mesh_K	-9.98	-9.95	-15.5	-15.4
	(6.19)	(6.16)	(11.5)	(11.5)
mesh_L	2.12***	2.12***	0.958	0.944
	(0.715)	(0.715)	(2.56)	(2.55)
mesh_M	0.286	0.275	2.61	2.70
	(0.733)	(0.731)	(5.18)	(5.18)
mesh_N	0.791	0.784	3.94	3.89
	(0.539)	(0.536)	(5.08)	(5.08)
mesh_Z	-0.319	-0.329	-9.22	-9.53
	(1.13)	(1.12)	(10.7)	(10.7)
mesh_n	0.414	0.423	15.5**	15.4**
	(1.17)	(1.17)	(6.63)	(6.65)
AlphaFold × Counterfactual AI	-0.063	-0.001	-0.132	-0.005
	(0.049)	(0.005)	(0.095)	(0.006)
AlphaFold × Counterfactual No AI	-0.033	0.0010**	-0.073	0.002
	(0.041)	(0.0004)	(0.087)	(0.002)
AlphaFold - Method × Counterfactual AI - Method	-0.010	-0.030	-0.011	-0.068
	(0.041)	(0.037)	(0.051)	(0.043)
AlphaFold - Method × Counterfactual No AI - Method	0.018**	0.015*	0.115	0.063
	(0.008)	(0.008)	(0.075)	(0.092)
Fixed-effects				
pi_id	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes
institution_cited_by_count	Yes	Yes	Yes	Yes
institution_2yr_mean_citedness	Yes	Yes	Yes	Yes
institution_h_index	Yes	Yes	Yes	Yes
institution_i10_index	Yes	Yes	Yes	Yes
institution_country_code	Yes	Yes	Yes	Yes
covid_share_2020	Yes	Yes	Yes	Yes
Fit statistics				
Observations	87,284	87,284	20,649	20,649
R^2	0.21	0.21	0.26	0.26
Mean(Dep. Var.)	0.100	0.100	0.172	0.172

Clustered (pi_id & quarter_year) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Dependent Variable:	ln1p_cs_count																	
	All Fields						Molecular Biology						Medicine					
	All PDB		High PDB		CEM		All PDB		High PDB		CEM		All PDB		High PDB		CEM	
Variables	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive
AlphaFold	0.007	0.0005	0.005	0.0008	0.008	-0.0009	0.001	-0.0009	0.007	0.000003	0.008	-0.0009	0.018	0.009*	0.014	0.015	0.008	-0.0009
	(0.006)	(0.002)	(0.013)	(0.003)	(0.006)	(0.0010)	(0.004)	(0.001)	(0.009)	(0.003)	(0.006)	(0.0010)	(0.023)	(0.005)	(0.065)	(0.015)	(0.006)	(0.0010)
Counterfactual AI	-0.021*	-0.012*	-0.051*	-0.032**	-0.015	-0.011**	0.0006	0.00001	0.002	0.001	-0.015	-0.011**	-0.068	-0.044	-0.127	-0.128	-0.015	-0.011**
	(0.011)	(0.006)	(0.025)	(0.014)	(0.010)	(0.005)	(0.006)	(0.003)	(0.010)	(0.003)	(0.010)	(0.005)	(0.044)	(0.027)	(0.113)	(0.088)	(0.010)	(0.005)
Counterfactual No AI	0.036**	0.012	0.059*	0.014	0.045***	0.016**	0.004	0.002	-0.002	0.004	0.045**	0.016**	0.102*	0.044*	0.138	0.075	0.045***	0.016**
	(0.014)	(0.007)	(0.034)	(0.011)	(0.015)	(0.006)	(0.009)	(0.002)	(0.015)	(0.004)	(0.015)	(0.006)	(0.053)	(0.023)	(0.120)	(0.058)	(0.015)	(0.006)
AlphaFold - Method	0.005	0.002	0.013	0.008	-0.003	-0.003	0.0003	-0.0008	-0.003	-0.003	-0.003	-0.003	0.020	0.009	0.071	0.060	-0.003	-0.003
	(0.004)	(0.006)	(0.009)	(0.009)	(0.002)	(0.002)	(0.004)	(0.003)	(0.009)	(0.005)	(0.002)	(0.002)	(0.033)	(0.033)	(0.097)	(0.100)	(0.002)	(0.002)
Counterfactual AI - Method	-0.007	-0.013	0.008	0.004	-0.0005	0.001	-0.009	-0.010	-0.002	-0.005	-0.0005	0.001	0.006	0.003	0.064	0.105	-0.0005	0.003
	(0.009)	(0.010)	(0.018)	(0.017)	(0.004)	(0.005)	(0.009)	(0.008)	(0.022)	(0.015)	(0.004)	(0.005)	(0.043)	(0.042)	(0.132)	(0.140)	(0.004)	(0.005)
Counterfactual No AI - Method	-0.012	-0.021	-0.007	-0.025	0.029*	0.019*	-0.005	-0.009	-0.006	-0.019	0.029*	0.019*	-0.028	-0.037	0.017	0.021	0.029*	0.019*
	(0.010)	(0.014)	(0.013)	(0.025)	(0.015)	(0.011)	(0.007)	(0.009)	(0.013)	(0.020)	(0.015)	(0.011)	(0.038)	(0.039)	(0.089)	(0.083)	(0.015)	(0.011)
field_agricultural_and_biological_sciences	0.241	0.238	2.83**	2.85**	0.182	0.182	-0.385	-0.383	-0.540*	-0.513**	0.182	0.182	3.99*	3.98*	16.9*	17.0*	0.182	0.182
	(0.194)	(0.193)	(1.06)	(1.06)	(0.172)	(0.172)	(0.274)	(0.271)	(0.289)	(0.250)	(0.172)	(0.172)	(2.24)	(2.26)	(8.80)	(8.84)	(0.172)	(0.172)
field_arts_and_humanities	-1.40	-1.41	-5.20	-5.13	-2.58	-2.55	-5.51**	-5.49**	-4.61	-4.65	-2.58	-2.55	-4.98	-4.84	20.0	24.6	-2.58	-2.55
	(1.46)	(1.47)	(3.19)	(3.18)	(1.68)	(1.67)	(2.36)	(2.35)	(4.01)	(3.82)	(1.68)	(1.67)	(11.4)	(11.4)	(18.1)	(18.5)	(1.68)	(1.67)
field_biochemistry_genetics_and_molecular_biology	-0.279*	-0.294*	-0.398*	-0.417*	-0.409***	-0.407***	-0.208*	-0.207*	-0.196	-0.199	-0.409***	-0.407***	-2.34***	-2.36***	-2.05	-2.17*	-0.409***	-0.407**
	(0.150)	(0.152)	(0.214)	(0.217)	(0.147)	(0.150)	(0.120)	(0.112)	(0.138)	(0.123)	(0.147)	(0.150)	(0.798)	(0.802)	(1.21)	(1.24)	(0.147)	(0.150)
field_business_management_and_accounting	-2.29	-2.29	-1.62	-1.80	-1.77	-1.66	-0.309	-0.279	1.49	1.41	-1.77	-1.66	-19.0**	-18.5**	-71.0*	-68.7	-1.77	-1.66
	(1.40)	(1.40)	(3.32)	(3.33)	(1.58)	(1.57)	(1.30)	(1.30)	(3.17)	(3.15)	(1.58)	(1.57)	(7.99)	(7.92)	(41.3)	(41.3)	(1.58)	(1.57)
field_chemical_engineering	0.370	0.315	-0.171	-0.139	-0.244	-0.310	1.13	1.15	1.49	1.52	-0.244	-0.310	1.22	1.01	-11.4	-10.7	-0.244	-0.310
	(0.744)	(0.746)	(1.56)	(1.51)	(0.783)	(0.793)	(1.59)	(1.57)	(3.98)	(3.89)	(0.783)	(0.793)	(8.71)	(8.67)	(26.3)	(26.1)	(0.783)	(0.793)
field_chemistry	-0.191	-0.196	-0.071	-0.090	-0.209	-0.191	-0.524***	-0.532***	-0.172	-0.173	-0.209	-0.191	-2.16*	-2.19*	-0.974	-0.885	-0.209	-0.191
	(0.136)	(0.135)	(0.177)	(0.174)	(0.154)	(0.158)	(0.170)	(0.167)	(0.209)	(0.189)	(0.154)	(0.158)	(1.16)	(1.16)	(2.04)	(2.05)	(0.154)	(0.158)
field_computer_science	-0.210	-0.211	-0.366	-0.313	-0.349	-0.334	-0.178	-0.169	0.561	0.553	-0.349	-0.334	-0.542	-0.652	-1.40	-1.54	-0.349	-0.334
	(0.269)	(0.271)	(0.786)	(0.781)	(0.398)	(0.397)	(0.403)	(0.398)	(1.10)	(1.04)	(0.398)	(0.397)	(1.77)	(1.77)	(5.74)	(5.67)	(0.398)	(0.397)
field_decision_sciences	-0.541	-0.537	-4.51	-4.41	-0.059	-0.068	-1.74	-1.74	-2.21	-2.28	-0.059	-0.068	2.96	3.25	-19.2	-20.3	-0.059	-0.068
	(0.674)	(0.676)	(2.87)	(2.77)	(0.588)	(0.588)	(1.28)	(1.28)	(1.60)	(1.58)	(0.588)	(0.588)	(8.81)	(8.78)	(24.4)	(24.6)	(0.588)	(0.588)
field_dentistry	0.687	0.653	3.05	3.03	0.187	0.219	2.16	2.14	4.82	4.77	0.187	0.219	-5.65	-5.65	-19.1	-19.1	0.187	0.219
	(1.03)	(1.02)	(5.79)	(5.80)	(1.12)	(1.12)	(1.86)	(1.87)	(6.06)	(6.07)	(1.12)	(1.12)	(3.97)	(3.97)	(24.3)	(24.5)	(1.12)	(1.12)
field_earth_and_planetary_sciences	-0.423	-0.424	-0.631	-0.634	-0.419	-0.423	-1.49**	-1.47**	-2.58	-2.61	-0.419	-0.423	-5.77	-5.73	-17.5	-17.3	-0.419	-0.423
	(0.346)	(0.350)	(0.447)	(0.461)	(0.357)	(0.359)	(0.716)	(0.714)	(1.66)	(1.57)	(0.357)	(0.359)	(8.86)	(8.76)	(22.4)	(22.7)	(0.357)	(0.359)
field_economics_econometrics_and_finance	-4.33	-4.32	-7.79	-7.63	-3.27	-3.29	0.239	0.250	-2.25	-2.28	-3.27	-3.29	-9.02	-9.22	1.79	2.49	-3.27	-3.29
	(2.82)	(2.82)	(5.32)	(5.26)	(2.35)	(2.36)	(3.99)	(4.00)	(5.22)	(5.12)	(2.35)	(2.36)	(7.34)	(7.30)	(21.6)	(20.9)	(2.35)	(2.36)
field_energy	-0.408	-0.401	-1.34**	-1.39**	-0.351	-0.381	-0.491	-0.502	-0.689	-0.708	-0.351	-0.381	-2.73	-2.63	2.59	2.31	-0.351	-0.381
	(0.407)	(0.401)	(0.625)	(0.620)	(0.490)	(0.486)	(0.341)	(0.339)	(0.522)	(0.483)	(0.490)	(0.486)	(5.72)	(5.67)	(10.6)	(10.6)	(0.490)	(0.486)
field_engineering	-0.178	-0.180	-1.53**	-1.59**	-0.079	-0.077	-0.187	-0.187	0.084	0.080	-0.079	-0.077	-2.18	-2.19	-5.67	-6.08	-0.079	-0.077
	(0.226)	(0.226)	(0.689)	(0.692)	(0.231)	(0.232)	(0.254)	(0.249)	(0.525)	(0.480)	(0.231)	(0.232)	(1.55)	(1.58)	(4.49)	(4.66)	(0.231)	(0.232)
field_environmental_science	-0.614**	-0.611**	0.014	0.007	-0.368	-0.355	-0.205	-0.203	0.249	0.263	-0.368	-0.355	-3.22	-3.18	-6.10	-5.53	-0.368	-0.355
	(0.276)	(0.277)	(0.598)	(0.607)	(0.250)	(0.248)	(0.266)	(0.264)	(0.510)	(0.397)	(0.250)	(0.248)	(2.10)	(2.09)	(7.00)	(6.86)	(0.250)	(0.248)
field_health_professions	-0.593	-0.614	-7.59**	-7.65**	1.07	1.07	3.04	3.03	1.61	1.58	1.07	1.07	-1.36	-1.39	-10.2	-10.3	1.07	1.07
	(1.14)	(1.14)	(3.26)	(3.31)	(1.45)	(1.44)	(2.33)	(2.33)	(2.28)	(2.27)	(1.45)	(1.44)	(2.89)	(2.90)	(6.20)	(6.45)	(1.45)	(1.44)
field_immunology_and_microbiology	-0.372	-0.373	-0.634	-0.653	-0.365	-0.369	0.027	0.030	0.355	0.366	-0.365	-0.369	-0.679	-0.676	0.032	0.098	-0.365	-0.369
	(0.225)	(0.224)	(0.722)	(0.724)	(0.277)	(0.278)	(0.266)	(0.261)	(0.449)	(0.401)	(0.277)	(0.278)	(0.616)	(0.625)	(3.66)	(3.65)	(0.277)	(0.278)
field_materials_science	-0.157	-0.163	-0.123	-0.134	-0.299	-0.293	-0.234*	-0.228*	-0.314	-0.293*	-0.299	-0.293	-0.208	-0.270	2.83	3.13	-0.299	-0.293
	(0.229)	(0.231)	(0.321)	(0.325)	(0.266)	(0.264)	(0.133)	(0.123)	(0.196)	(0.168)	(0.266)	(0.264)	(1.93)	(1.94)	(5.24)	(5.25)	(0.266)	(0.264)
field_mathematics	13.3***	13.3***	35.0**	34.8**	18.1***	17.9***	4.29	4.28	4.37	4.34	18.1***	17.9***	25.4***	25.4***	45.5	45.7	18.1***	17.9***
	(3.94)	(3.95)	(14.4)	(14.5)	(5.93)	(5.86)	(2.67)	(2.66)	(2.76)	(2.75)	(5.93)	(5.86)	(8.35)	(8.42)	(33.7)	(33.6)	(5.93)	(5.86)
field_medicine	1.90***	1.90***	2.90***	2.98**	2.01***	2.00***	0.454**	0.454**	0.328	0.329	2.01***	2.00***	1.72***	1.72***	3.48**	3.47**	2.01***	2.00***
	(0.565)	(0.566)	(1.03)	(1.04)	(0.551)	(0.549)	(0.183)	(0.182)	(0.259)	(0.246)	(0.551)	(0.549)	(0.550)	(0.552)	(1.37)	(1.38)	(0.551)	(0.549)
field_neuroscience	-0.061	-0.060	0.068	0.080	-0.102	-0.085	0.041	0.040	1.28	1.27	-0.102	-0.085	-1.85*	-1.85*	-3.69	-3.95	-0.102	-0.085
	(0.154)	(0.157)	(0.442)	(0.447)	(0.185)	(0.184)	(0.296)	(0.195)	(1.00)	(0.895)	(0.185)	(0.184)	(1.00)	(1.00)	(2.74)	(2.73)	(0.185)	(0.184)
field_nursing	-0.126	-0.140	-0.382	-0.438	-0.636	-0.632	-0.017	-0.013	0.339	0.357	-0.636	-0.632	-3.14*	-3.08*	-3.72	-3.68	-0.636	-0.632
	(0.233)	(0.233)	(0.893)	(0.885)	(0.393)	(0.387)	(0.295)	(0.292)	(0.602)	(0.556)	(0.393)	(0.387)	(1.82)	(1.81)	(7.88)	(7.84)	(0.393)	(0.387)
field_pharmacology_toxicology_and_pharmaceutics	-0.192	-0.196	-0.695	-0.732	-0.367	-0.402	0.734	0.734	0.599	0.602	-0.367	-0.402	-3.60*	-3.72*	-7.33	-7.61	-0.367	-0.402
	(0.641)	(0.644)	(0.617)	(0.630)	(0.427)	(0.414)	(0.775)	(0.738)	(1.50)	(1.41)	(0.427)	(0.414)	(2.04)	(2.07)	(6.48)	(6.48)	(0.427)	(0.414)
field_physics_and_astronomy	-0.197	-0.206	0.266	0.225	-0.311	-0.339*	-0.264	-0.262	-0.230	-0.233	-0.311	-0.339*	-0.673	-0.614	-11.0	-11.1	-0.311	-0.339*
	(0.180)	(0.180)	(0.533)	(0.529)	(0.191)	(0.194)	(0.249)	(0.241)	(0.341)	(0.302)	(0.191)	(0.194)	(2.61)	(2.58)	(6.68)	(6.84)	(0.191)	(0.194)
field_psychology	3.06***	3.09***	-0.593	-0.574	2.30**	2.32**	1.63	1.64	9.36	9.36	2.30**	2.32**	2.95	2.86	1.99	1.89	2.30**	2.32**
	(0.914)	(0.911)	(5.05)	(5.04)	(1.02)	(1.04)	(2.04)	(2.03)	(7.68)	(7.65)	(1.02)	(1.04)	(2.61)	(2.62)	(19.5)	(19.3)	(1.02)	(1.04)
field_social_sciences	5.49**	5.51**	11.2*	11.4*	6.28**	6.25**	3.99	3.97	-0.203	-0.174	6.28**	6.25**	17.3**	17.3**	69.2*	68.5*	6.28**	6.25**
	(2.10)	(2.10)	(6.51)	(6.46)	(3.06)	(3.00)	(2.70)	(2.69)	(1.73)	(1.70)	(3.06)	(3.00)	(8.06)	(7.99)	(39.4)	(39.7)	(3.06)	(3.00)
field_veterinary	-2.60**	-2.60**	-0.754	-0.649	-2.65*	-2.78*	-1.06	-1.08	0.069	0.058	-2.65*	-2.78*	-9.07	-8.95	-5.09	-4.50	-2.65*	-2.78*
	(1.24)	(1.25)	(2.23)	(2.18)	(1.54)	(1.56)	(0.865)	(0.867)	(0.900)	(0.881)	(1.54)	(1.56)	(5.88)	(5.89)	(8.87)	(9.42)	(1.54)	(1.56)
mesh_	8.59	8.63	39.2**	39.6**	5.81	5.82	8.57**	8.57**	5.66	5.62	5.81	5.82	33.2	34.3*	80.4	80.7	5.81	5.82
	(5.31)	(5.33)	(15.4)	(15.5)	(3.55)	(3.57)	(3.78)	(3.77)	(4.42)	(4.27)	(3.55)	(3.57)	(19.7)	(20.1)	(53.6)	(53.6)	(3.55)	(3.57)
mesh_A	0.010	0.010	-0.235	-0.215	-0.055	-0.059	-0.032	-0.030	-0.259	-0.262	-0.055	-0.059	0.567	0.570	1.94	2.06	-0.055	-0.059
	(0.148)	(0.148)	(0.395)	(0.398)	(0.137)	(0.140)	(0.120)	(0.117)	(0.282)	(0.222)	(0.137)	(0.140)	(0.559)	(0.552)	(2.48)	(2.45)	(0.137)	(0.140)
mesh_B	0.731***	0.726***	0.832	0.832	0.582**	0.586***	0.820	0.820	0.286	0.284	0.582**	0.586***	2.02**	1.99**	1.37	1.18	0.582***	0.586***
	(0.249)	(0.250)	(0.525)	(0.532)	(0.204)	(0.203)	(0.497)	(0.497)	(0.423)	(0.342)	(0.204)	(0.203)	(0.747)	(0.745)	(2.47)	(2.44)	(0.204)	(0.203)
mesh_C	0.388*	0.382*	-0.664	-0.678	0.566**	0.572**	0.828**	0.827**	1.02*	1.02**	0.566**	0.572**	-0.351	-0.388	-1.65	-1.74	0.566**	0.572**
	(0.216)	(0.217)	(0.975)	(0.977)	(0.277)	(0.276)	(0.360)	(0.358)	(0.549)	(0.493)	(0.277)	(0.276)	(0.553)	(0.556)	(2.62)	(2.61)	(0.277)	(0.276)
mesh_D	0.237***	0.236***	0.263**	0.274**	0.309***	0.309***	0.019	0.020	0.035	0.036	0.309***	0.309***	1.29***	1.29***	1.09	1.07	0.309***	0.309***
	(0.079)	(0.080)	(0.114)	(0.115)	(0.104)	(0.104)	(0.053)	(0.051)	(0.085)	(0.060)	(0.104)	(0.104)	(0.423)	(0.425)	(0.851)	(0.850)	(0.104)	(0.104)
mesh_E	0.630**	0.633**	0.641	0.648	0.611**	0.613**	-0.0001	-0.0006	0.338	0.327	0.611**	0.613**	2.17*	2.17*	3.05	3.16	0.611**	0.613**
	(0.236)	(0.239)	(0.519)	(0.515)	(0.236)	(0.235)	(0.275)	(0.273)	(0.452)	(0.415)	(0.236)	(0.235)	(1.07)	(1.07)	(3.89)	(3.88)	(0.236)	(0.235)
mesh_F	-0.493	-0.495	-3.46**	-3.42**	-0.930*	-0.951*	-0.152	-0.153	-1.56	-1.58	-0.930*	-0.951*	-0.390	-0.361	-1.24	-0.628	-0.930*	-0.951*
	(0.320)	(0.321)	(1.39)	(1.39)	(0.516)	(0.519)	(0.353)	(0.348)	(1.17)	(1.13)	(0.516)	(0.519)	(1.17)	(1.16)	(4.38)	(4.27)	(0.516)	(0.519)
mesh_G	0.140	0.142	0.066	0.068	0.152	0.153	0.015	0.016	0.099	0.097	0.152	0.153	0.891	0.910*	2.24	2.31	0.152	0.153
	(0.108)	(0.109)	(0.194)	(0.193)	(0.126)	(0.125)	(0.115)	(0.112)	(0.132)	(0.107)	(0.126)	(0.125)	(0.538)	(0.535)	(1.63)	(1.63)	(0.126)	(0.125)
mesh_H	0.348	0.358	0.843	0.894	0.540	0.524	0.843	0.840	3.60	3.60	0.540	0.524	5.05*	5.07*	-9.97	-9.90	0.540	0.524
	(0.383)	(0.386)	(2.64)	(2.66)	(0.511)	(0.509)	(0.769)	(0.763)	(4.13)	(4.10)	(0.511)	(0.509)	(2.87)	(2.86)	(15.3)	(15.2)	(0.511)	(0.509)
mesh_I	-1.98	-2.01	-11.1	-11.0	-1.73	-1.77	-3.46	-3.46	-4.03	-4.13*	-1.73	-1.77	-9.09	-9.85	-11.7	-11.0	-1.73	-1.77
	(1.35)	(1.35)	(7.08)	(7.12)	(1.52)	(1.53)	(2.71)	(2.72)	(2.46)	(2.44)	(1.52)	(1.53)	(6.52)	(6.54)	(19.6)	(20.1)	(1.52)	(1.53)
mesh_J	0.429**	0.429**	1.38	1.38	0.331*	0.325	0.549*	0.555*	0.230	0.244	0.331*	0.325	-0.792	-0.771	0.623	0.034	0.331*	0.325
	(0.198)	(0.200)	(0.904)	(0.915)	(0.194)	(0.198)	(0.300)	(0.301)	(0.524)	(0.445)	(0.194)	(0.198)	(1.39)	(1.36)	(11.7)	(11.5)	(0.194)	(0.198)
mesh_K	-5.64	-5.55	-16.6*	-16.2*	-8.71**	-8.52**	-5.56	-5.60	-4.70	-4.70	-8.71**	-8.52**	-13.3	-13.1	-50.1	-44.9	-8.71**	-8.52**
	(3.50)	(3.46)	(8.98)	(8.68)	(3.28)	(3.22)	(3.91)	(3.89)	(3.16)	(3.21)	(3.28)	(3.22)	(8.77)	(8.63)	(55.4)	(53.4)	(3.28)	(3.22)
mesh_L	0.503	0.504	-0.837	-0.849	0.218	0.215	0.855	0.854	0.263	0.250	0.218	0.215	-2.03	-1.97	-10.0	-10.4	0.218	0.215
	(0.326)	(0.326)	(0.512)	(0.508)	(0.198)	(0.196)	(0.674)	(0.673)	(0.680)	(0.547)	(0.198)	(0.196)	(1.94)	(1.94)	(6.03)	(6.14)	(0.198)	(0.196)
mesh_M	4.29**	4.28**	19.3***	19.4***	4.70**	4.69**	1.38	1.37	0.387	0.422	4.70**	4.69**	6.91**	6.98**	40.3***	40.2***	4.70**	4.69**
	(1.80)	(1.80)	(6.41)	(6.42)	(2.03)	(2.03)	(1.03)	(1.03)	(2.12)	(2.05)	(2.03)	(2.03)	(3.20)	(3.18)	(14.6)	(14.7)	(2.03)	(2.03)
mesh_N	1.45***	1.46***	6.55*	6.57*	1.85***	1.86***	1.65**	1.66**	0.678	0.742	1.85***	1.86***	3.54*	3.56*	11.3	10.7	1.85***	1.86***
	(0.486)	(0.487)	(3.52)	(3.52)	(0.646)	(0.649)	(0.677)	(0.675)	(1.90)	(1.91)	(0.646)	(0.649)	(1.94)	(1.94)	(10.5)	(10.3)	(0.646)	(0.649)
mesh_Z	1.07	1.09	14.9**	15.0**	1.19	1.24	1.71	1.72	1.29	1.15	1.19	1.24	8.16*	8.21*	16.1	16.5	1.19	1.24
	(0.871)	(0.878)	(6.97)	(6.96)	(1.18)	(1.19)	(1.77)	(1.76)	(4.41)	(4.36)	(1.18)	(1.19)	(4.26)	(4.27)	(14.9)	(14.8)	(1.18)	(1.19)
mesh_a	0.850	0.841	1.90	1.83	0.564	0.534	0.255	0.263	4.22	4.22	0.564	0.534	4.90*	4.87*	-3.32	-3.30	0.564	0.534
	(1.04)	(1.04)	(4.28)	(4.30)	(1.00)	(1.01)	(0.907)	(0.910)	(4.21)	(4.20)	(1.00)	(1.01)	(2.57)	(2.57)	(11.9)	(11.8)	(1.00)	(1.01)
AlphaFold × Counterfactual AI	-0.087	-0.001	0.015	0.005*	-0.005	0.002**	0.004	-0.0002	-0.014	-0.0006	-0.005	0.002**	-0.527*	-0.193***	0.017	0.041	-0.005	0.002**
	(0.088)	(0.004)	(0.036)	(0.003)	(0.030)	(0.0008)	(0.019)	(0.0009)	(0.030)	(0.001)	(0.030)	(0.0008)	(0.266)	(0.022)	(0.211)	(0.120)	(0.030)	(0.0008)
AlphaFold × Counterfactual No AI	-0.017	0.0003	-0.023	-0.002	-0.018	-0.0008**	0.030	0.0008***	0.056	-0.0001	0.018	-0.0008*	-0.149	-0.009	-0.291	-0.029	-0.018	-0.0008**
	(0.030)	(0.0004)	(0.062)	(0.002)	(0.043)	(0.0004)	(0.020)	(0.0001)	(0.038)	(0.0003)	(0.043)	(0.0004)	(0.147)	(0.011)	(0.349)	(0.024)	(0.043)	(0.0004)
AlphaFold - Method × Counterfactual AI - Method	-0.037	-0.065***	-0.112**	-0.056**	0.015	0.015*	-0.068**	-0.060***	-0.064	-0.057**	0.015	0.015*					0.015	0.015*
	(0.057)	(0.021)	(0.039)	(0.017)	(0.009)	(0.007)	(0.026)	(0.010)	(0.046)	(0.021)	(0.009)	(0.007)					(0.009)	(0.007)
AlphaFold - Method × Counterfactual No AI - Method	0.017***	0.009	0.013	0.031	-0.001	-0.0008	-0.007*	-0.011***	0.014	0.038*	-0.001	-0.0008	0.032**	0.063			-0.001	-0.0008
	(0.003)	(0.013)	(0.013)	(0.021)	(0.0007)	(0.0005)	(0.004)	(0.001)	(0.033)	(0.021)	(0.0007)	(0.0005)	(0.014)	(0.079)			(0.0007)	(0.0005)
Fixed-effects																		
pi_id	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_cited_by_count	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_2yr_mean_citedness	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_h_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_i10_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_country_code	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
covid_share_2020	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fit statistics																		
Observations	87,284	87,284	20,649	20,649	78,819	78,819	42,436	42,436	11,484	11,484	78,819	78,819	22,584	22,584	4,401	4,401	78,819	78,819
R^2	0.25	0.25	0.29	0.29	0.25	0.26	0.22	0.22	0.28	0.28	0.25	0.26	0.39	0.39	0.48	0.48	0.25	0.26
Mean(Dep. Var.)	0.046	0.046	0.046	0.046	0.049	0.049	0.022	0.022	0.016	0.016	0.049	0.049	0.118	0.118	0.151	0.151	0.049	0.049

Clustered (pi_id & quarter_year) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Dependent Variable:	pdb_submission Molecular Biology																	
	All Fields						Medicine											
	All PDB		High PDB		CEM		All PDB		High PDB		CEM		All PDB		High PDB		CEM	
Variables	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive
AlphaFold	0.0010	0.007	0.008	0.018	-0.003	0.0003	0.002	0.008	0.016	0.018	-0.003	0.0003	-0.006	0.004	0.028	0.025	-0.003	0.0003
	(0.012)	(0.005)	(0.029)	(0.014)	(0.008)	(0.001)	(0.015)	(0.008)	(0.040)	(0.016)	(0.008)	(0.001)	(0.020)	(0.007)	(0.065)	(0.022)	(0.008)	(0.001)
Counterfactual AI	-0.013	0.003	-0.024	0.012	0.006	0.006	-0.020	0.005	-0.049	0.009	0.006	0.006	0.006	0.006	0.049	0.017	0.006	0.006
	(0.014)	(0.007)	(0.031)	(0.019)	(0.010)	(0.005)	(0.020)	(0.016)	(0.041)	(0.031)	(0.010)	(0.005)	(0.030)	(0.016)	(0.083)	(0.062)	(0.010)	(0.005)
Counterfactual No AI	-0.012	0.013*	-0.022	0.017	-0.008	0.002*	-0.011	0.013	0.005	0.009	-0.008	0.002*	0.003	0.012	-0.026	0.009	-0.008	0.002*
	(0.014)	(0.007)	(0.039)	(0.017)	(0.007)	(0.001)	(0.020)	(0.016)	(0.055)	(0.028)	(0.007)	(0.001)	(0.033)	(0.017)	(0.085)	(0.047)	(0.007)	(0.001)
AlphaFold - Method	0.012	0.003	0.012	-0.004	0.003	0.002	0.027**	0.016	0.036	0.020	0.003	0.002	-0.054	-0.054	-0.182	-0.195	0.003	0.002
	(0.012)	(0.011)	(0.022)	(0.021)	(0.002)	(0.002)	(0.014)	(0.018)	(0.029)	(0.028)	(0.002)	(0.002)	(0.049)	(0.048)	(0.122)	(0.125)	(0.002)	(0.002)
Counterfactual AI - Method	0.039*	0.026	0.055	0.029	0.006	0.006	0.060**	0.041	0.127**	0.090*	0.006	0.006	-0.060	-0.058	-0.161	-0.162	0.006	0.006
	(0.021)	(0.018)	(0.040)	(0.039)	(0.005)	(0.005)	(0.024)	(0.030)	(0.050)	(0.051)	(0.005)	(0.005)	(0.051)	(0.050)	(0.158)	(0.173)	(0.005)	(0.005)
Counterfactual No AI - Method	0.036	0.012	0.040	-0.015	0.001	-0.002	0.063*	0.032	0.078**	0.039	0.001	-0.002	-0.033	-0.033	-0.165	-0.183	0.001	-0.002
	(0.032)	(0.027)	(0.053)	(0.068)	(0.004)	(0.004)	(0.037)	(0.051)	(0.032)	(0.106)	(0.004)	(0.004)	(0.060)	(0.057)	(0.112)	(0.114)	(0.004)	(0.004)
field_agricultural_and_biological_sciences	0.139	0.149	4.42**	4.46**	-0.032	-0.026	1.67*	1.67*	8.26**	8.23**	-0.032	-0.026	3.69**	3.66**	11.5	11.5	-0.032	-0.026
	(0.253)	(0.254)	(1.69)	(1.70)	(0.268)	(0.268)	(0.908)	(0.905)	(3.94)	(3.93)	(0.268)	(0.268)	(1.74)	(1.74)	(9.17)	(9.21)	(0.268)	(0.268)
field_arts_and_humanities	-0.284	-0.298	-6.87	-7.05	-1.55*	-1.55*	3.70	3.61	2.43	2.15	-1.55*	-1.55*	-0.967	-0.153	-8.98	-9.07	-1.55*	-1.55*
	(0.840)	(0.835)	(4.50)	(4.48)	(0.825)	(0.824)	(4.52)	(4.49)	(20.1)	(19.8)	(0.825)	(0.824)	(3.75)	(3.76)	(48.0)	(48.5)	(0.825)	(0.824)
field_biochemistry_genetics_and_molecular_biology	2.09***	2.09***	5.43***	5.42***	2.08***	2.08***	1.63***	1.63***	4.24***	4.22***	2.08***	2.08***	0.612	0.610	3.53*	3.49*	2.08***	2.08***
	(0.438)	(0.438)	(0.937)	(0.929)	(0.500)	(0.499)	(0.318)	(0.321)	(0.863)	(0.865)	(0.500)	(0.499)	(0.485)	(0.486)	(1.96)	(1.94)	(0.500)	(0.499)
field_business_management_and_accounting	-3.68*	-3.65*	-2.76	-2.73	-1.02	-1.02	-8.37**	-8.29**	-7.31	-7.42	-1.02	-1.02	5.59	5.51	45.5	43.5	-1.02	-1.02
	(1.85)	(1.84)	(8.91)	(8.92)	(4.09)	(4.10)	(3.37)	(3.35)	(11.7)	(11.8)	(4.09)	(4.10)	(10.9)	(11.0)	(70.7)	(69.2)	(4.09)	(4.10)
field_chemical_engineering	-1.45	-1.39	7.07	7.21	-1.74	-1.71	-0.265	-0.172	25.0	24.9	-1.74	-1.71	1.49	1.45	14.5	14.8	-1.74	-1.71
	(2.30)	(2.30)	(6.64)	(6.66)	(2.77)	(2.78)	(4.86)	(4.85)	(15.4)	(15.2)	(2.77)	(2.78)	(7.69)	(7.73)	(55.1)	(55.4)	(2.77)	(2.78)
field_chemistry	0.735	0.739	0.066	0.074	1.04	1.04	2.42**	2.45**	3.89	3.95	1.04	1.04	3.06	3.05	0.991	0.785	1.04	1.04
	(0.677)	(0.677)	(1.62)	(1.63)	(0.705)	(0.704)	(1.13)	(1.13)	(3.12)	(3.12)	(0.705)	(0.704)	(2.60)	(2.59)	(8.33)	(8.32)	(0.705)	(0.704)
field_computer_science	-0.396	-0.416	-0.436	-0.528	0.012	0.0006	-1.22	-1.25	-4.38	-4.52	0.012	0.0006	2.00	1.93	14.7	14.2	0.012	0.0006
	(0.560)	(0.563)	(3.19)	(3.22)	(0.826)	(0.829)	(1.28)	(1.28)	(4.73)	(4.77)	(0.826)	(0.829)	(3.33)	(3.33)	(15.0)	(15.0)	(0.826)	(0.829)
field_decision_sciences	1.78*	1.78*	15.3	14.8	1.48	1.47	5.54*	5.48*	19.8*	19.6*	1.48	1.47	-4.77	-4.75	-57.3	-59.3	1.48	1.47
	(0.933)	(0.932)	(9.38)	(9.40)	(0.899)	(0.888)	(2.98)	(2.94)	(11.5)	(11.3)	(0.899)	(0.888)	(7.70)	(7.67)	(80.8)	(80.3)	(0.899)	(0.888)
field_dentistry	-0.685	-0.662	5.50	5.59	-0.076	-0.092	3.51*	3.57*	11.5	11.7	-0.076	-0.092	-2.76	-2.75	26.0	25.7	-0.076	-0.092
	(0.993)	(0.996)	(8.01)	(7.96)	(1.03)	(1.03)	(2.01)	(2.01)	(8.53)	(8.43)	(1.03)	(1.03)	(2.81)	(2.80)	(36.9)	(37.2)	(1.03)	(1.03)
field_earth_and_planetary_sciences	-1.96**	-1.94**	-5.46***	-5.40***	-1.61	-1.60	-2.51	-2.52	-12.8	-13.1	-1.61	-1.60	2.74	2.61	40.2	39.8	-1.61	-1.60
	(0.780)	(0.778)	(1.08)	(1.08)	(0.982)	(0.976)	(3.64)	(3.64)	(12.1)	(12.1)	(0.982)	(0.976)	(22.3)	(22.2)	(103.8)	(103.9)	(0.982)	(0.976)
field_economics_econometrics_and_finance	-0.027	-0.065	4.80	4.94	0.368	0.370	3.85	3.85	14.3	14.3	0.368	0.370	-10.4**	-10.6***	-22.9	-22.6	0.368	0.370
	(1.88)	(1.90)	(8.62)	(8.67)	(2.01)	(2.01)	(4.85)	(4.85)	(23.7)	(23.7)	(2.01)	(2.01)	(3.85)	(3.82)	(20.2)	(19.9)	(2.01)	(2.01)
field_energy	5.72**	5.72**	7.26	7.23	6.93***	6.93***	8.27**	8.31**	18.4	18.4	6.93***	6.93***	31.3	31.3	33.7	33.1	6.93***	6.93***
	(1.96)	(1.96)	(6.15)	(6.17)	(2.28)	(2.27)	(3.38)	(3.39)	(11.3)	(11.4)	(2.28)	(2.27)	(25.3)	(25.3)	(39.5)	(39.6)	(2.28)	(2.27)
field_engineering	-0.946***	-0.941***	-0.365	-0.314	-0.666*	-0.662	-1.05	-1.04	3.64	3.67	-0.666*	-0.662	-4.51**	-4.51**	-12.8	-12.5	-0.666*	-0.662
	(0.280)	(0.281)	(1.57)	(1.58)	(0.391)	(0.392)	(0.851)	(0.853)	(2.84)	(2.84)	(0.391)	(0.392)	(1.69)	(1.68)	(8.35)	(8.40)	(0.391)	(0.392)
field_environmental_science	3.51***	3.50***	11.7***	11.6***	3.23***	3.24***	5.65***	5.65***	13.3***	13.3***	3.23***	3.24***	8.58***	8.56***	19.3**	19.1**	3.23***	3.24***
	(0.667)	(0.665)	(2.02)	(2.00)	(0.773)	(0.771)	(1.21)	(1.21)	(3.12)	(3.09)	(0.773)	(0.771)	(2.45)	(2.46)	(9.30)	(9.31)	(0.773)	(0.771)
field_health_professions	-0.855	-0.865	6.11	5.83	-1.21	-1.19	-5.08*	-5.12*	-2.51	-2.43	-1.21	-1.19	-2.55	-2.55	-2.40	-2.32	-1.21	-1.19
	(1.03)	(1.03)	(5.87)	(5.89)	(0.925)	(0.924)	(2.92)	(2.93)	(12.9)	(12.9)	(0.925)	(0.924)	(1.71)	(1.71)	(10.5)	(10.5)	(0.925)	(0.924)
field_immunology_and_microbiology	2.37***	2.38***	8.58***	8.63***	1.32*	1.32*	-0.650	-0.635	-0.629	-0.594	1.32*	1.32*	3.69***	3.70***	13.8***	13.7***	1.32*	1.32*
	(0.746)	(0.745)	(2.38)	(2.38)	(0.659)	(0.658)	(0.643)	(0.637)	(2.29)	(2.27)	(0.659)	(0.658)	(1.11)	(1.11)	(4.57)	(4.54)	(0.659)	(0.658)
field_materials_science	2.71***	2.72***	4.59***	4.64***	2.06***	2.06***	6.97***	7.00***	11.6***	11.7***	2.06***	2.06***	8.30***	8.31***	27.3***	27.5***	2.06***	2.06***
	(0.606)	(0.606)	(1.42)	(1.42)	(0.564)	(0.564)	(1.25)	(1.24)	(2.69)	(2.69)	(0.564)	(0.564)	(2.20)	(2.20)	(7.32)	(7.28)	(0.564)	(0.564)
field_mathematics	0.492	0.446	-1.24	-1.90	1.23	1.16	2.04	1.98	5.78	4.95	1.23	1.16	-2.85	-2.85	-6.13	-7.07	1.23	1.16
	(1.70)	(1.70)	(10.2)	(10.2)	(1.84)	(1.84)	(2.43)	(2.41)	(8.44)	(8.66)	(1.84)	(1.84)	(3.79)	(3.76)	(22.5)	(22.5)	(1.84)	(1.84)
field_medicine	1.03**	1.03**	3.51***	3.54***	0.709*	0.703*	1.05**	1.05**	3.95**	3.93**	0.709*	0.703*	0.387	0.391	1.48	1.52	0.709*	0.703*
	(0.443)	(0.443)	(1.16)	(1.16)	(0.392)	(0.392)	(0.495)	(0.493)	(1.63)	(1.61)	(0.392)	(0.392)	(0.254)	(0.255)	(0.950)	(0.967)	(0.392)	(0.392)
field_neuroscience	1.56***	1.57***	11.9***	11.9***	1.31***	1.31***	3.24***	3.25***	19.2***	19.3***	1.31***	1.31***	-0.558	-0.534	2.92	3.04	1.31***	1.31***
	(0.455)	(0.457)	(2.85)	(2.86)	(0.453)	(0.454)	(0.896)	(0.901)	(4.75)	(4.81)	(0.453)	(0.454)	(0.678)	(0.682)	(6.81)	(6.82)	(0.453)	(0.454)
field_nursing	1.41	1.43*	1.67	1.79	1.59*	1.60*	4.10**	4.13**	2.54	2.65	1.59*	1.60*	0.147	0.170	4.74	5.09	1.59*	1.60*
	(0.842)	(0.835)	(4.74)	(4.75)	(0.904)	(0.899)	(1.81)	(1.80)	(6.99)	(6.99)	(0.904)	(0.899)	(1.75)	(1.75)	(15.9)	(15.9)	(0.904)	(0.899)
field_pharmacology_toxicology_and_pharmaceutics	2.61*	2.56*	6.22	6.22	1.11	1.10	8.64***	8.61***	17.1**	17.1**	1.11	1.10	-4.48*	-4.48*	-26.8**	-26.8**	1.11	1.10
	(1.16)	(1.16)	(4.16)	(4.17)	(1.01)	(1.01)	(2.82)	(2.82)	(6.68)	(6.67)	(1.01)	(1.01)	(2.61)	(2.61)	(10.2)	(10.3)	(1.01)	(1.01)
field_physics_and_astronomy	0.070	0.096	-0.368	-0.286	-0.511	-0.501	-0.124	-0.101	-4.33	-4.38	-0.511	-0.501	7.47	7.51	9.84	10.1	-0.511	-0.501
	(0.722)	(0.721)	(2.29)	(2.28)	(0.883)	(0.885)	(1.81)	(1.81)	(4.37)	(4.39)	(0.883)	(0.885)	(5.21)	(5.20)	(17.2)	(17.2)	(0.883)	(0.885)
field_psychology	0.017	0.019	5.30	5.22	-0.323	-0.333	2.76	2.79	50.1*	49.9*	-0.323	-0.333	0.935	0.898	-6.09	-6.26	-0.323	-0.333
	(0.842)	(0.842)	(10.6)	(10.7)	(0.673)	(0.672)	(2.40)	(2.39)	(25.2)	(25.4)	(0.673)	(0.672)	(1.50)	(1.48)	(14.0)	(14.1)	(0.673)	(0.672)
field_social_sciences	-1.12	-1.11	-4.92	-4.62	-0.659	-0.668	-2.85*	-2.84*	-6.46	-6.17	-0.659	-0.668	-2.33	-2.21	-20.1	-17.9	-0.659	-0.668
	(0.889)	(0.884)	(5.40)	(5.40)	(0.912)	(0.910)	(1.61)	(1.62)	(6.74)	(6.82)	(0.912)	(0.910)	(1.95)	(1.93)	(12.0)	(11.2)	(0.912)	(0.910)
field_veterinary	-0.201	-0.185	5.62	5.43	0.414	0.405	4.11	4.18	26.3	26.4	0.414	0.405	-8.51***	-8.54***	-27.9	-28.5	0.414	0.405
	(2.68)	(2.68)	(10.9)	(11.0)	(3.49)	(3.49)	(7.84)	(7.86)	(19.2)	(19.2)	(3.49)	(3.49)	(2.89)	(2.91)	(21.9)	(22.2)	(3.49)	(3.49)
mesh_	-0.569	-0.536	5.29	5.62	-0.961	-0.898	2.01	2.13	3.71	4.41	-0.961	-0.898	5.88	6.06	8.77	8.75	-0.961	-0.898
	(2.23)	(2.23)	(21.5)	(21.4)	(2.26)	(2.28)	(7.33)	(7.34)	(27.5)	(27.5)	(2.26)	(2.28)	(13.7)	(13.8)	(93.3)	(93.5)	(2.26)	(2.28)
mesh_A	-2.53***	-2.54***	-8.79***	-8.80***	-2.41***	-2.42***	-2.58***	-2.59***	-6.98***	-7.02***	-2.41***	-2.42***	-3.22***	-3.23***	-8.53**	-8.55**	-2.41***	-2.42***
	(0.223)	(0.222)	(1.36)	(1.35)	(0.257)	(0.257)	(0.377)	(0.377)	(1.90)	(1.90)	(0.257)	(0.257)	(0.541)	(0.546)	(3.20)	(3.24)	(0.257)	(0.257)
mesh_B	1.67***	1.66***	8.25***	8.22***	1.96***	1.97***	1.93***	1.91***	7.25***	7.22***	1.96***	1.97***	4.14***	4.13***	12.4***	12.4***	1.96***	1.97***
	(0.291)	(0.290)	(1.44)	(1.43)	(0.344)	(0.344)	(0.519)	(0.518)	(2.19)	(2.20)	(0.344)	(0.344)	(0.870)	(0.865)	(3.88)	(3.84)	(0.344)	(0.344)
mesh_C	-1.69***	-1.69***	-8.30***	-8.33***	-1.53***	-1.52***	-2.28***	-2.28***	-7.22***	-7.20***	-1.53***	-1.52***	-1.94***	-1.94***	-11.7***	-11.7***	-1.53***	-1.52***
	(0.223)	(0.223)	(1.36)	(1.37)	(0.242)	(0.242)	(0.375)	(0.376)	(2.17)	(2.17)	(0.242)	(0.242)	(0.389)	(0.389)	(3.31)	(3.31)	(0.242)	(0.242)
mesh_D	2.30***	2.30***	6.22***	6.21***	2.17***	2.17***	2.98***	2.98***	6.60***	6.60***	2.17***	2.17***	2.50***	2.49***	7.02***	6.98***	2.17***	2.17***
	(0.177)	(0.178)	(0.679)	(0.678)	(0.197)	(0.197)	(0.271)	(0.271)	(0.939)	(0.939)	(0.197)	(0.197)	(0.314)	(0.316)	(1.54)	(1.56)	(0.197)	(0.197)
mesh_E	5.73***	5.73***	22.3***	22.3***	4.63***	4.64***	7.76***	7.76***	22.2***	22.2***	4.63***	4.64***	8.43***	8.45***	30.9***	31.1***	4.63***	4.64***
	(0.442)	(0.442)	(2.07)	(2.07)	(0.480)	(0.480)	(0.755)	(0.756)	(2.88)	(2.87)	(0.480)	(0.480)	(1.16)	(1.17)	(6.65)	(6.67)	(0.480)	(0.480)
mesh_F	-0.984**	-1.00**	-1.16	-1.28	-0.653*	-0.650*	-1.55	-1.57	7.14	6.98	-0.653*	-0.650*	-2.18**	-2.18**	-3.43	-3.74	-0.653*	-0.650*
	(0.368)	(0.370)	(4.03)	(4.01)	(0.334)	(0.334)	(0.941)	(0.949)	(6.91)	(7.00)	(0.334)	(0.334)	(0.981)	(0.978)	(9.51)	(9.48)	(0.334)	(0.334)
mesh_G	2.28***	2.27***	7.09***	7.07***	2.16***	2.15***	2.58***	2.57***	7.08***	7.06***	2.16***	2.15***	2.48***	2.47***	7.26*	7.16**	2.16***	2.15***
	(0.237)	(0.238)	(0.929)	(0.928)	(0.242)	(0.242)	(0.338)	(0.340)	(1.30)	(1.31)	(0.242)	(0.242)	(0.680)	(0.676)	(3.11)	(3.13)	(0.242)	(0.242)
mesh_H	-3.67***	-3.69***	-11.0**	-11.3**	-2.88***	-2.86***	-5.16***	-5.18***	-13.5*	-13.7*	-2.88***	-2.86***	-1.93	-1.94	-14.2	-14.0	-2.88***	-2.86***
	(0.604)	(0.605)	(4.40)	(4.43)	(0.681)	(0.679)	(1.21)	(1.21)	(7.52)	(7.51)	(0.681)	(0.679)	(2.70)	(2.72)	(21.3)	(21.4)	(0.681)	(0.679)
mesh_I	2.14**	2.16**	2.76	2.15	1.51*	1.52*	5.51*	5.53*	3.79	2.46	1.51*	1.52*	-2.82	-2.82	-32.0	-32.5	1.51*	1.52*
	(0.992)	(0.998)	(12.6)	(12.4)	(0.789)	(0.791)	(2.86)	(2.87)	(30.8)	(30.5)	(0.789)	(0.791)	(2.77)	(2.76)	(28.9)	(28.8)	(0.789)	(0.791)
mesh_J	-2.96***	-2.97***	-10.4***	-10.4***	-2.94***	-2.95***	-5.17***	-5.19***	-17.0***	-17.1***	-2.94***	-2.95***	-6.61***	-6.64***	-21.2	-20.8	-2.94***	-2.95***
	(0.397)	(0.397)	(3.81)	(3.81)	(0.340)	(0.341)	(0.797)	(0.799)	(4.46)	(4.45)	(0.340)	(0.341)	(2.13)	(2.14)	(17.3)	(17.3)	(0.340)	(0.341)
mesh_K	-3.85	-4.11	-13.7	-14.4	-5.76	-5.85	-8.06	-8.54	-36.0	-36.3	-5.76	-5.85	8.91	8.81	81.9	75.7	-5.76	-5.85
	(3.67)	(3.67)	(24.2)	(24.4)	(5.80)	(5.78)	(6.81)	(6.83)	(29.8)	(29.8)	(5.80)	(5.78)	(11.8)	(11.6)	(71.6)	(70.3)	(5.80)	(5.78)
mesh_L	1.06***	1.05***	-1.80	-1.78	-1.14**	-1.14**	3.06***	3.04***	-3.68	-3.67	-1.14**	-1.14**	3.54*	3.54*	11.2	11.4	-1.14**	-1.14**
	(0.348)	(0.347)	(2.37)	(2.39)	(0.462)	(0.460)	(0.551)	(0.550)	(2.93)	(2.94)	(0.462)	(0.460)	(1.91)	(1.92)	(11.6)	(11.6)	(0.462)	(0.460)
mesh_M	0.412	0.407	2.10	2.12	-0.328	-0.326	0.278	0.262	-0.897	-1.07	-0.328	-0.326	0.941	0.918	3.16	3.31	-0.328	-0.326
	(0.525)	(0.520)	(5.23)	(5.24)	(0.431)	(0.430)	(0.844)	(0.842)	(6.49)	(6.42)	(0.431)	(0.430)	(0.801)	(0.802)	(10.9)	(10.8)	(0.431)	(0.430)
mesh_N	-1.65***	-1.66***	-17.2***	-17.1***	-0.541	-0.559	-3.65***	-3.67***	-22.4***	-22.3***	-0.541	-0.559	-1.71*	-1.70	-13.5	-13.7	-0.541	-0.559
	(0.384)	(0.385)	(4.15)	(4.13)	(0.356)	(0.362)	(1.01)	(1.01)	(5.23)	(5.16)	(0.356)	(0.362)	(1.01)	(1.01)	(9.85)	(9.80)	(0.356)	(0.362)
mesh_Z	0.546	0.570	-8.48	-8.56	-0.169	-0.162	-0.011	0.113	24.9**	24.8**	-0.169	-0.162	-1.22	-1.19	-24.8	-25.2	-0.169	-0.162
	(0.792)	(0.789)	(6.94)	(6.83)	(1.21)	(1.21)	(1.88)	(1.86)	(11.5)	(11.5)	(1.21)	(1.21)	(2.26)	(2.25)	(16.4)	(16.2)	(1.21)	(1.21)
mesh_a	-4.73***	-4.75***	-14.3***	-14.5***	-4.56***	-4.55***	-6.36***	-6.40***	-30.5***	-30.6***	-4.56***	-4.55***	-5.62**	-5.61**	0.520	-0.012	-4.56***	-4.55***
	(0.867)	(0.868)	(4.84)	(4.82)	(0.718)	(0.719)	(1.72)	(1.72)	(7.63)	(7.60)	(0.718)	(0.719)	(2.33)	(2.33)	(14.9)	(15.1)	(0.718)	(0.719)
AlphaFold × Counterfactual AI	0.034	0.002	0.021	-0.003	0.059	0.002**	0.042	0.0005	0.034	-0.004	0.059	0.002**	-0.094	-0.009	-0.381	-0.029	0.059	0.002**
	(0.055)	(0.007)	(0.149)	(0.009)	(0.036)	(0.0009)	(0.072)	(0.010)	(0.171)	(0.010)	(0.036)	(0.0009)	(0.126)	(0.024)	(0.502)	(0.184)	(0.036)	(0.0009)
AlphaFold × Counterfactual No AI	0.163**	-0.000006	0.364**	0.007***	0.010	-0.0002	0.106	-0.0004	0.195	0.006***	0.010	-0.0002	0.192	0.006	0.540	0.023	0.010	-0.0002
	(0.077)	(0.0007)	(0.147)	(0.002)	(0.014)	(0.0001)	(0.082)	(0.001)	(0.166)	(0.002)	(0.014)	(0.0001)	(0.238)	(0.009)	(0.533)	(0.032)	(0.014)	(0.0001)
AlphaFold - Method × Counterfactual AI - Method	-0.168***	-0.149***	-0.300***	-0.258***	-0.047***	-0.045***	-0.224***	-0.215	-0.310***	-0.276***	-0.047***	-0.045***					-0.047***	-0.045***
	(0.044)	(0.049)	(0.058)	(0.039)	(0.011)	(0.006)	(0.018)	(0.174)	(0.080)	(0.026)	(0.011)	(0.006)					(0.011)	(0.006)
AlphaFold - Method × Counterfactual No AI - Method	-0.018	-0.013	0.049	0.142**	-0.0004*	-0.0002	-0.019	-0.013	0.068	0.119**	-0.0004*	-0.0002	0.006	-0.035			-0.0004*	-0.0002
	(0.011)	(0.009)	(0.087)	(0.059)	(0.0002)	(0.0002)	(0.013)	(0.012)	(0.063)	(0.058)	(0.0002)	(0.0002)	(0.022)	(0.063)			(0.0002)	(0.0002)
Fixed-effects																		
pf_id	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_shed_by_count	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_2yr_mean_citedness	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_h_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_i10_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_country_code	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
covid_phase_2020	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fit statistics																		
Observations	87,284	87,284	20,649	20,649	78,819	78,819	42,436	42,436	11,484	11,484	78,819	78,819	22,584	22,584	4,401	4,401	78,819	78,819
R^2	0.51	0.51	0.49	0.49	0.51	0.51	0.53	0.53	0.50	0.50	0.51	0.51	0.60	0.60	0.60	0.60	0.51	0.51
Mean(Dep. Var.)	0.168	0.168	0.574	0.574	0.147	0.147	0.205	0.205	0.608	0.608	0.147	0.147	0.136	0.136	0.567	0.567	0.147	0.147

Clustered (pf_id & quarter_year) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Dependent Variable:	num_publications																	
	All Fields						Molecular Biology						Medicine					
	All PDB		High PDB		CEM		All PDB		High PDB		CEM		All PDB		High PDB		CEM	
Variables	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive	Extensive	Intensive
AlphaFold	0.648	-0.186	-2.59*	-0.963*	0.816	0.096	0.080	0.035	0.138	-0.081	0.816	0.096	-0.437	-0.314	-1.14	-0.756	0.816	0.096
	(0.740)	(0.192)	(1.51)	(0.474)	(0.853)	(0.103)	(0.151)	(0.045)	(0.363)	(0.099)	(0.853)	(0.103)	(0.364)	(0.253)	(1.05)	(0.698)	(0.853)	(0.103)
Counterfactual AI	0.927	0.202	1.87	1.15	0.216	-0.099	0.061	-0.007	-0.101	-0.260**	0.216	-0.099	0.450	0.231	0.378	0.171	0.216	-0.099
	(1.13)	(0.465)	(2.09)	(1.07)	(0.884)	(0.279)	(0.118)	(0.159)	(0.233)	(0.123)	(0.884)	(0.279)	(0.591)	(0.223)	(0.647)	(0.582)	(0.884)	(0.279)
Counterfactual No AI	2.24*	0.802	5.09	2.03	1.35	0.135*	0.182	0.078	0.098	-0.038	1.35	0.135*	0.468	0.143	-0.273	-0.073	1.35	0.135*
	(1.12)	(0.609)	(4.30)	(1.43)	(0.802)	(0.074)	(0.123)	(0.063)	(0.263)	(0.043)	(0.802)	(0.074)	(0.728)	(0.183)	(0.408)	(0.180)	(0.802)	(0.074)
AlphaFold - Method	0.937	1.00*	1.60	1.39	0.056	-0.009	0.137	0.054	0.046	0.136	0.056	-0.009	0.176	0.340	-0.123	0.469	0.056	-0.009
	(0.482)	(0.545)	(1.04)	(0.987)	(0.066)	(0.062)	(0.168)	(0.138)	(0.090)	(0.114)	(0.066)	(0.062)	(0.299)	(0.360)	(0.667)	(1.11)	(0.066)	(0.062)
Counterfactual AI - Method	-0.621	-0.677	2.73	2.28	-0.583	-0.593	0.259	0.198	0.175	0.298	-0.583	-0.593	-1.16	-1.04	-1.79	-1.56	-0.583	-0.593
	(1.81)	(2.03)	(2.62)	(2.64)	(0.928)	(1.07)	(0.214)	(0.245)	(0.304)	(0.313)	(0.928)	(1.07)	(0.884)	(0.925)	(1.71)	(2.01)	(0.928)	(1.07)
Counterfactual No AI - Method	0.852	0.144	-1.34	-4.67	-0.068	-0.128	0.160	-0.009	0.391***	0.538***	-0.068	-0.128	0.608	0.639	-0.184	0.032	-0.068	-0.128
	(1.77)	(2.26)	(2.00)	(3.63)	(0.338)	(0.323)	(0.188)	(0.204)	(0.111)	(0.144)	(0.338)	(0.323)	(0.738)	(0.764)	(0.463)	(0.643)	(0.338)	(0.323)
field_agricultural_and_biological_sciences	100.3**	100.2**	88.8	91.1	117.3***	117.0***	60.3***	60.4***	65.2**	65.5***	117.3***	117.0***	110.3**	109.7**	29.8	29.2	117.3***	117.0***
	(37.0)	(37.0)	(58.6)	(58.3)	(39.8)	(39.8)	(12.9)	(13.1)	(25.6)	(25.6)	(39.8)	(39.8)	(44.5)	(44.6)	(116.1)	(115.4)	(39.8)	(39.8)
field_arts_and_humanities	139.4	139.3	-369.2	-367.5	-120.3	-119.8	218.5*	218.8*	497.3	499.0	-120.3	-119.8	357.1*	356.6*	218.8	212.6	-120.3	-119.8
	(269.6)	(269.6)	(408.8)	(407.7)	(315.0)	(314.8)	(114.0)	(114.3)	(385.4)	(387.3)	(315.0)	(314.8)	(197.2)	(197.5)	(383.8)	(388.9)	(315.0)	(314.8)
field_biochemistry_genetics_and_molecular_biology	106.8***	106.7***	114.1**	112.4**	110.0***	109.8***	119.2***	119.2***	173.0***	172.9***	110.0***	109.8***	231.8***	231.6***	371.2**	371.4**	110.0***	109.8***
	(28.1)	(28.1)	(52.2)	(51.8)	(25.9)	(25.8)	(20.5)	(20.5)	(44.4)	(44.3)	(25.9)	(25.8)	(64.2)	(64.1)	(140.0)	(139.7)	(25.9)	(25.8)
field_business_management_and_accounting	273.1**	275.7**	-45.4	-31.2	127.5	127.1	100.0	100.0	110.5***	108.8***	127.5	127.1	151.3	156.0	84.2	94.3	127.5	127.1
	(109.5)	(109.7)	(706.1)	(702.2)	(197.1)	(197.9)	(75.1)	(75.3)	(32.7)	(31.7)	(197.1)	(197.9)	(132.9)	(133.9)	(488.7)	(479.6)	(197.1)	(197.9)
field_chemical_engineering	-249.9	-252.0	357.5	362.8	-594.5	-596.3	91.1**	91.7**	162.9*	162.2*	-594.5	-596.3	144.6	141.9	1,283.6	1,263.8	-594.5	-596.3
	(209.7)	(209.7)	(623.3)	(625.1)	(410.6)	(411.2)	(34.9)	(35.1)	(85.2)	(84.2)	(410.6)	(411.2)	(182.7)	(183.2)	(867.0)	(857.4)	(410.6)	(411.2)
field_chemistry	226.9	226.4	375.8	377.8	-90.7	-90.6	101.4***	101.4***	149.7**	149.1**	-90.7	-90.6	78.9*	79.5*	31.5	33.3	-90.7	-90.6
	(253.2)	(253.1)	(424.2)	(425.0)	(139.1)	(139.2)	(26.1)	(26.4)	(66.6)	(66.4)	(139.1)	(139.2)	(43.0)	(43.2)	(202.2)	(200.6)	(139.1)	(139.2)
field_computer_science	-60.9	-49.6	268.1	275.3	-366.8	-365.9	145.1***	145.3***	365.6**	366.3**	-366.8	-365.9	91.9**	93.4**	162.4	170.1	-366.8	-365.9
	(255.6)	(255.5)	(209.6)	(210.9)	(331.0)	(330.8)	(45.5)	(46.5)	(142.4)	(143.4)	(331.0)	(330.8)	(35.9)	(35.7)	(101.7)	(106.7)	(331.0)	(330.8)
field_decision_sciences	-2.27	-1.99	305.5	298.6	113.0	112.2	17.8	18.4	-43.9	-39.1	113.0	112.2	249.9**	253.7**	-588.3	-565.3	113.0	112.2
	(84.4)	(84.4)	(352.1)	(350.7)	(91.8)	(91.8)	(40.0)	(40.1)	(119.6)	(117.7)	(91.8)	(91.8)	(116.9)	(116.8)	(643.8)	(640.9)	(91.8)	(91.8)
field_dentistry	-325.8	-327.5	-4,373.2	-4,374.0	-234.8	-232.7	1.32	0.774	-80.1	-82.4	-234.8	-232.7	77.8	77.2	240.9	247.8	-234.8	-232.7
	(423.6)	(423.6)	(3,850.7)	(3,854.0)	(430.1)	(429.2)	(37.4)	(37.4)	(83.1)	(84.6)	(430.1)	(429.2)	(50.9)	(50.8)	(223.6)	(224.9)	(430.1)	(429.2)
field_earth_and_planetary_sciences	10,133.4***	10,133.4***	4,154.9*	4,152.3*	10,269.5***	10,269.5***	95.3***	95.1***	22.8	23.4	10,269.5***	10,269.5***	95.8	99.7	288.7	295.6	10,269.5***	10,269.5***
	(3,296.5)	(3,296.6)	(2,258.1)	(2,257.3)	(2,992.9)	(2,992.9)	(22.8)	(22.8)	(79.2)	(78.3)	(2,992.9)	(2,992.9)	(125.4)	(125.1)	(505.8)	(503.5)	(2,992.9)	(2,992.9)
field_economics_econometrics_and_finance	390.8	394.9	-237.5	-240.4	528.1*	528.6*	694.7	694.5	416.8	414.6	528.1*	528.6*	361.5***	366.9***	314.9***	298.2***	528.1*	528.6*
	(235.1)	(235.1)	(634.5)	(635.1)	(280.0)	(280.2)	(484.8)	(485.2)	(250.1)	(250.2)	(280.0)	(280.2)	(114.8)	(117.0)	(84.1)	(90.2)	(280.0)	(280.2)
field_energy	7.62	6.40	471.8	472.9	-19.9	-20.8	64.4***	64.5***	63.5***	63.0***	-19.9	-20.8	-13.4	-4.98	-310.2	-290.1	-19.9	-20.8
	(176.4)	(176.6)	(439.3)	(440.1)	(166.2)	(166.2)	(19.2)	(19.2)	(18.0)	(17.6)	(166.2)	(166.2)	(124.4)	(125.6)	(221.2)	(217.7)	(166.2)	(166.2)
field_engineering	-276.0	-275.8	-1,022.2	-1,019.1	-324.0	-324.1	92.7***	92.7***	166.0***	165.8***	-324.0	-324.1	17.8	17.7	-137.1	-137.5	-324.0	-324.1
	(262.0)	(261.9)	(643.6)	(643.2)	(302.9)	(302.9)	(15.1)	(17.1)	(58.4)	(58.5)	(302.9)	(302.9)	(41.4)	(41.0)	(161.5)	(160.7)	(302.9)	(302.9)
field_environmental_science	425.6	426.0	620.1	622.6	589.4	589.0	71.0***	71.0***	20.3	20.3	589.4	589.0	22.3	23.9	-35.9	-32.3	589.4	589.0
	(262.7)	(262.4)	(834.9)	(835.3)	(396.4)	(396.4)	(10.7)	(10.8)	(36.4)	(36.5)	(396.4)	(396.4)	(37.9)	(37.2)	(119.2)	(114.9)	(396.4)	(396.4)
field_health_professions	144.6	141.9	137.5	132.3	268.6**	267.4**	98.1***	97.7***	-7.27	-5.87	268.6**	267.4**	81.6*	81.4*	-83.8	-83.3	268.6**	267.4**
	(87.9)	(87.6)	(349.2)	(346.3)	(85.2)	(84.6)	(32.5)	(32.6)	(75.3)	(74.9)	(85.2)	(84.6)	(45.2)	(45.2)	(150.1)	(148.4)	(85.2)	(84.6)
field_immunology_and_microbiology	105.5***	105.3***	115.7**	115.0**	124.5***	124.1***	106.8***	106.9***	63.1***	63.1***	124.5***	124.1***	69.2**	69.0**	132.1**	132.7**	124.5***	124.1***
	(18.2)	(18.3)	(55.6)	(55.6)	(19.5)	(19.3)	(28.7)	(29.1)	(22.5)	(22.5)	(19.5)	(19.3)	(29.1)	(29.2)	(58.8)	(58.9)	(19.5)	(19.3)
field_materials_science	69.0	68.4	29.0	27.8	145.4*	145.3*	54.2***	54.3***	39.4	39.2	145.4*	145.3*	-2.14	-2.15	-177.6	-180.4	145.4*	145.3*
	(70.5)	(70.5)	(114.7)	(114.7)	(74.2)	(74.3)	(13.1)	(13.1)	(35.0)	(35.1)	(74.2)	(74.3)	(42.8)	(42.6)	(136.6)	(136.7)	(74.2)	(74.3)
field_mathematics	-144.3	-142.7	89.0	108.1	-356.4	-355.1	118.6	118.3	130.7	133.8	-356.4	-355.1	164.8**	167.4**	358.7*	382.2*	-356.4	-355.1
	(254.8)	(253.4)	(611.6)	(618.1)	(439.3)	(439.1)	(92.6)	(92.5)	(180.7)	(180.4)	(439.3)	(439.1)	(61.5)	(61.2)	(211.8)	(215.7)	(439.3)	(439.1)
field_medicine	223.2***	223.1***	206.6***	206.0***	195.1***	195.3***	151.6***	151.6***	161.4**	161.6**	195.1***	195.3***	196.6***	196.7***	214.1***	213.7***	195.1***	195.3***
	(45.7)	(45.7)	(56.2)	(56.4)	(35.9)	(36.0)	(39.0)	(39.1)	(61.1)	(61.0)	(35.9)	(36.0)	(34.3)	(34.3)	(58.6)	(58.2)	(35.9)	(36.0)
field_neuroscience	28.0	27.6	-411.8	-413.2	15.8	15.8	49.6***	49.6***	77.3***	76.6**	15.8	15.8	80.3***	80.2***	-11.1	-9.05	15.8	15.8
	(49.9)	(49.9)	(253.8)	(254.3)	(53.2)	(53.3)	(12.9)	(13.0)	(28.1)	(28.4)	(53.2)	(53.3)	(24.2)	(24.2)	(69.5)	(68.9)	(53.2)	(53.3)
field_nursing	137.9***	136.2***	301.4	293.3	117.6*	117.4*	32.4**	32.4**	-17.9	-18.4	117.6*	117.4*	-22.4	-23.8	87.9	72.6	117.6*	117.4*
	(49.3)	(48.9)	(256.6)	(255.4)	(63.8)	(63.7)	(14.5)	(14.5)	(44.0)	(44.1)	(63.8)	(63.7)	(49.2)	(49.2)	(103.6)	(108.9)	(63.8)	(63.7)
field_pharmacology_toxicology_and_pharmaceutics	145.0**	145.5**	346.7*	341.4*	148.6***	148.0***	160.3***	160.3***	191.5*	191.7*	148.6***	148.0***	188.7*	189.0*	628.6	629.9	148.6***	148.0***
	(59.9)	(60.3)	(187.9)	(186.9)	(53.6)	(53.6)	(50.6)	(50.8)	(97.5)	(97.8)	(53.6)	(53.6)	(99.3)	(99.3)	(547.8)	(545.8)	(53.6)	(53.6)
field_physics_and_astronomy	5,856.8	5,856.4	15,624.9**	15,625.8**	7,029.4	7,028.8	58.8***	58.9***	63.7*	63.5*	7,029.4	7,028.8	6.49	5.94	54.0	47.8	7,029.4	7,028.8
	(4,736.2)	(4,736.2)	(7,064.2)	(7,065.3)	(5,227.4)	(5,227.2)	(14.4)	(14.5)	(35.7)	(35.4)	(5,227.4)	(5,227.2)	(43.3)	(43.8)	(182.4)	(181.4)	(5,227.4)	(5,227.2)
field_psychology	102.5	103.3	188.1	188.5	156.9*	157.1*	116.2***	116.5***	124.7	123.4	156.9*	157.1*	43.3	43.5	81.8	79.6	156.9*	157.1*
	(119.6)	(119.8)	(355.6)	(360.3)	(79.8)	(79.9)	(38.8)	(38.8)	(87.3)	(87.1)	(79.8)	(79.9)	(40.7)	(40.7)	(103.4)	(104.3)	(79.8)	(79.9)
field_social_sciences	36.3	36.8	193.5	197.8	-28.2	-27.5	122.9***	122.8***	122.4**	122.3**	-28.2	-27.5	56.6	55.4	244.9	226.8	-28.2	-27.5
	(78.1)	(77.7)	(242.1)	(238.4)	(95.5)	(95.5)	(20.5)	(21.1)	(47.9)	(47.7)	(95.5)	(95.5)	(81.3)	(80.9)	(250.1)	(236.8)	(95.5)	(95.5)
field_veterinary	436.0	435.2	-379.4	-381.0	103.5	100.9	107.9**	107.9**	194.5	193.8	103.5	100.9	1,257.6	1,255.0	300.3*	311.5*	103.5	100.9
	(299.1)	(298.3)	(483.8)	(482.4)	(119.0)	(117.7)	(50.7)	(50.8)	(148.8)	(148.0)	(119.0)	(117.7)	(902.4)	(901.3)	(162.8)	(164.2)	(119.0)	(117.7)
mesh_	-327.4	-325.0	-798.4	-803.5	-234.0	-233.9	-3.29	-3.19	-281.5*	-284.6*	-234.0	-233.9	-57.0	-56.5	-481.5	-490.9	-234.0	-233.9
	(352.4)	(352.9)	(856.0)	(863.8)	(388.4)	(389.2)	(40.5)	(40.6)	(156.5)	(157.4)	(388.4)	(389.2)	(85.1)	(83.9)	(732.3)	(733.1)	(388.4)	(389.2)
mesh_A	-25.4	-25.0	-27.8	-25.7	-43.3	-43.1	-4.70	-4.70	-1.77	-1.46	-43.3	-43.1	-10.2	-10.5	-53.1	-54.6	-43.3	-43.1
	(25.8)	(25.7)	(88.1)	(88.1)	(30.7)	(30.5)	(4.47)	(4.43)	(12.5)	(12.3)	(30.7)	(30.5)	(8.09)	(8.09)	(46.8)	(46.9)	(30.7)	(30.5)
mesh_B	-41.1	-41.0	96.2	98.0	-96.5**	-96.4**	-20.8**	-20.8**	-15.7	-15.4	-96.5**	-96.4**	-70.0***	-69.8***	-30.5	-18.4	-96.5**	-96.4**
	(29.1)	(29.1)	(111.2)	(111.1)	(36.9)	(36.9)	(9.69)	(9.71)	(16.8)	(16.6)	(36.9)	(36.9)	(21.4)	(21.4)	(36.3)	(37.3)	(36.9)	(36.9)
mesh_C	-7.64	-7.80	69.8	66.9	-8.60	-8.87	-18.5	-18.5	-20.0	-19.6	-8.60	-8.87	-19.6*	-19.6*	-51.1	-52.4	-8.60	-8.87
	(22.4)	(22.4)	(87.6)	(87.6)	(24.5)	(24.5)	(12.1)	(12.2)	(19.7)	(19.6)	(24.5)	(24.5)	(10.6)	(10.6)	(39.5)	(39.8)	(24.5)	(24.5)
mesh_D	-19.9	-19.9	-37.5	-37.1	-2.00	-1.95	-8.61**	-8.59**	-16.3**	-16.2**	-2.00	-1.95	-18.9*	-18.9*	-18.4	-17.7	-2.00	-1.95
	(12.1)	(12.1)	(46.6)	(46.5)	(11.4)	(11.4)	(3.49)	(3.49)	(7.55)	(7.46)	(11.4)	(11.4)	(9.93)	(9.87)	(17.1)	(16.7)	(11.4)	(11.4)
mesh_E	-104.9**	-105.1**	-311.2*	-309.0*	-67.7*	-67.9*	-9.02	-9.00	-30.3	-30.3	-67.7*	-67.9*	-44.6*	-44.7*	-78.0	-80.4	-67.7*	-67.9*
	(46.2)	(46.2)	(161.1)	(161.4)	(37.9)	(38.0)	(6.21)	(6.33)	(18.3)	(18.3)	(37.9)	(38.0)	(24.2)	(24.2)	(49.6)	(49.6)	(37.9)	(38.0)
mesh_F	29.6	30.0	207.6	211.7	44.5	44.1	9.71	9.61	-0.486	0.209	44.5	44.1	21.3	21.1	37.6	34.3	44.5	44.1
	(40.7)	(40.7)	(215.8)	(219.1)	(38.7)	(38.6)	(9.22)	(9.24)	(40.1)	(40.1)	(38.7)	(38.6)	(20.4)	(20.3)	(73.1)	(72.0)	(38.7)	(38.6)
mesh_G	-24.8	-24.8	-30.8	-31.5	-20.6	-20.4	-8.75*	-8.76*	-20.8*	-20.7*	-20.6	-20.4	-23.5*	-23.7*	-93.7*	-94.1*	-20.6	-20.4
	(19.1)	(19.1)	(57.2)	(57.2)	(21.8)	(21.8)	(5.05)	(5.07)	(10.4)	(10.4)	(21.8)	(21.8)	(12.2)	(12.2)	(47.2)	(46.8)	(21.8)	(21.8)
mesh_H	-302.7*	-302.5*	334.6	345.1	-286.4*	-287.3*	-15.7	-15.7	-38.4	-37.4	-286.4*	-287.3*	-86.9	-86.9	-223.1	-228.1	-286.4*	-287.3*
	(160.0)	(159.9)	(531.5)	(534.4)	(165.0)	(165.4)	(17.5)	(17.6)	(49.0)	(48.7)	(165.0)	(165.4)	(55.5)	(54.9)	(193.3)	(198.5)	(165.0)	(165.4)
mesh_I	-5.64	-5.83	-1,095.5	-2,003.9	150.3	149.4	-15.3	-15.7	45.5	53.5	150.3	149.4	31.9	31.3	-53.9	-52.5	150.3	149.4
	(215.3)	(215.4)	(1,191.6)	(1,196.9)	(184.0)	(183.8)	(25.8)	(25.7)	(208.0)	(203.0)	(184.0)	(183.8)	(165.0)	(165.0)	(305.7)	(306.3)	(184.0)	(183.8)
mesh_J	6.07	6.23	339.4	335.7	-18.5	-18.3	-4.07	-4.06	-14.2	-13.3	-18.5	-18.3	7.70	6.75	-145.3	-148.6	-18.5	-18.3
	(25.8)	(25.8)	(290.6)	(291.7)	(35.6)	(35.5)	(7.54)	(7.48)	(18.1)	(17.7)	(35.6)	(35.5)	(28.6)	(28.3)	(134.2)	(136.9)	(35.6)	(35.5)
mesh_K	-227.5	-223.6	-1,147.8	-1,134.8	-1,231.1	-1,221.6	77.0*	76.6*	-90.9	-87.7	-1,231.1	-1,221.6	-138.8	-137.2	407.6	419.5	-1,231.1	-1,221.6
	(401.7)	(399.8)	(958.9)	(956.7)	(868.0)	(866.9)	(39.1)	(38.9)	(111.6)	(109.9)	(868.0)	(866.9)	(161.9)	(161.0)	(346.9)	(355.2)	(868.0)	(866.9)
mesh_L	-15.8	-15.9	-167.6	-166.8	-32.3	-32.5	-8.15	-8.07	-19.5	-20.1	-32.3	-32.5	-10.2	-10.7	-159.0	-159.0	-32.3	-32.5
	(29.8)	(29.8)	(207.0)	(207.5)	(52.4)	(52.6)	(6.48)	(6.59)	(22.4)	(22.5)	(52.4)	(52.6)	(25.1)	(25.2)	(122.4)	(124.4)	(52.4)	(52.6)
mesh_M	175.8	176.4	1,019.2*	1,029.9*	137.0	137.8	-15.8	-15.8	-146.0*	-145.0*	137.0	137.8	-25.0	-24.1	-155.0*	-162.7*	137.0	137.8
	(104.3)	(104.3)	(511.6)	(518.5)	(85.1)	(84.8)	(20.6)	(20.7)	(82.2)	(81.8)	(85.1)	(84.8)	(18.9)	(18.8)	(82.3)	(85.3)	(85.1)	(84.8)
mesh_N	-94.5	-93.7	-494.6	-493.5	-112.1*	-111.5*	-11.6	-11.5	41.5	42.9	-112.1*	-111.5*	35.2	34.9	51.1	58.3	-112.1*	-111.5*
	(56.2)	(56.0)	(393.1)	(391.6)	(60.1)	(59.9)	(14.9)	(15.0)	(64.4)	(64.6)	(60.1)	(59.9)	(32.5)	(32.5)	(80.0)	(79.2)	(60.1)	(59.9)
mesh_Z	-246.5**	-246.3**	214.9	227.2	-321.6**	-320.8**	-13.3	-12.9	57.3	50.9	-321.6**	-320.8**	-18.1	-18.1	-40.3	-30.8	-321.6**	-320.8**
	(114.0)	(114.1)	(434.9)	(434.8)	(122.3)	(122.2)	(20.4)	(20.4)	(100.5)	(99.3)	(122.3)	(122.2)	(41.8)	(41.8)	(173.9)	(178.0)	(122.3)	(122.2)
mesh_n	-63.2	-62.5	-363.4	-367.1	-85.5	-86.0	-3.34	-3.58	21.9	20.7	-85.5	-86.0	-33.2	-33.3	50.1	66.3	-85.5	-86.0
	(72.6)	(72.5)	(378.6)	(381.5)	(92.3)	(92.3)	(12.4)	(12.6)	(60.5)	(59.3)	(92.3)	(92.3)	(43.4)	(43.3)	(80.9)	(84.3)	(92.3)	(92.3)
AlphaFold × Counterfactual AI	-0.174	-0.152	-1.16	-0.318	-1.31	-0.015	-0.309	-0.069	-0.814	-0.012	-1.31	-0.015	0.882	-0.174	-1.08	-0.199	-1.31	-0.015
	(1.88)	(0.151)	(4.74)	(0.245)	(1.54)	(0.033)	(0.387)	(0.212)	(0.840)	(0.031)	(1.54)	(0.033)	(0.736)	(0.177)	(2.64)	(1.11)	(1.54)	(0.033)
AlphaFold × Counterfactual No AI	0.574	-0.022	-0.419	-0.145	-1.57	-0.006	0.176	0.012**	-0.577	-0.002	-1.57	-0.006	-1.38	0.104	-1.56	0.183	-1.57	-0.006
	(2.99)	(0.021)	(5.16)	(0.176)	(2.34)	(0.004)	(0.358)	(0.005)	(0.533)	(0.002)	(2.34)	(0.004)	(1.35)	(0.086)	(2.23)	(0.170)	(2.34)	(0.004)
AlphaFold - Method × Counterfactual AI - Method	8.43	8.69	-3.45	-5.03	0.886	0.781	2.56***	2.65**	3.00***	3.28***	0.886	0.781					0.886	0.781
	(8.11)	(7.99)	(3.36)	(4.42)	(0.720)	(0.730)	(0.211)	(1.16)	(0.401)	(0.457)	(0.720)	(0.730)					(0.720)	(0.730)
AlphaFold - Method × Counterfactual No AI - Method	-0.157	-0.271	1.66	5.79	-0.065	0.0010	-0.092**	-0.184***	0.243	0.152	-0.065	0.0010	-0.052	-0.891			-0.065	0.0010
	(0.511)	(0.632)	(2.43)	(3.92)	(0.013)	(0.013)	(0.036)	(0.056)	(0.282)	(0.386)	(0.013)	(0.013)	(0.203)	(0.686)			(0.013)	(0.013)
Fixed-effects																		
pi_id	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
quarter_year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_cited_by_count	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_2yr_mean_citedness	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_h_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_i10_index	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
institution_country_code	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
covid_phase_2020	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fit statistics																		
Observations	87,284	87,284	20,649	20,649	78,819	78,819	42,436	42,436	11,484	11,484	78,819	78,819	22,584	22,584	4,401	4,401	78,819	78,819
R^2	0.50	0.50	0.65	0.65	0.54	0.54	0.60	0.60	0.52	0.52	0.54	0.54	0.66	0.66	0.62	0.62	0.54	0.54
Mean(Dep. Var.)	5.638	5.638	5.228	5.228	5.389	5.389	3.928	3.928	4.445	4.445	5.389	5.389	5.278	5.278	5.085	5.085	5.389	5.389

Clustered (pi_id & quarter_year) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*