Left table

Dependent Variable:		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	0.048***	0.005*	0.170***	0.013**	0.044***	0.007**	0.052**	0.005	0.150**	0.018**	0.044***	0.007**	0.025	0.003	0.044	-0.010	0.044***	0.007**
	(0.016)	(0.003)	(0.052)	(0.006)	(0.015)	(0.003)	(0.021)	(0.003)	(0.070)	(0.007)	(0.015)	(0.003)	(0.026)	(0.005)	(0.092)	(0.015)	(0.015)	(0.003)
Counterfactual AI	0.0003	0.005	0.036	-0.003	0.038	0.025**	0.040	0.020*	0.054	0.013***	0.038	0.025**	0.011	0.004	-0.064	-0.062**	0.038	0.025**
	(0.022)	(0.008)	(0.057)	(0.014)	(0.024)	(0.011)	(0.032)	(0.010)	(0.080)	(0.005)	(0.024)	(0.011)	(0.041)	(0.011)	(0.126)	(0.026)	(0.024)	(0.011)
Counterfactual No AI	0.115***	0.012**	0.194***	0.007	0.066***	0.007	0.054*	0.002	0.131*	0.014	0.066***	0.007	0.123***	0.011**	0.156*	0.005	0.066***	0.007
	(0.030)	(0.005)	(0.047)	(0.007)	(0.022)	(0.005)	(0.029)	(0.005)	(0.065)	(0.017)	(0.022)	(0.005)	(0.037)	(0.005)	(0.079)	(0.008)	(0.022)	(0.005)
AlphaFold - Method	0.003	0.0005	-0.013	-0.018	0.004	0.0010	0.006	0.005	0.025	0.008	0.004	0.0010	-0.002	-0.003	-0.026**	-0.010	0.004	0.0010
	(0.005)	(0.005)	(0.012)	(0.013)	(0.004)	(0.004)	(0.008)	(0.008)	(0.019)	(0.018)	(0.004)	(0.004)	(0.006)	(0.006)	(0.013)	(0.021)	(0.004)	(0.004)
Counterfactual AI - Method	-0.005	-0.012	0.045	0.040	0.013	0.005	-0.024	-0.029	0.039	0.026	0.013	0.005	0.051	0.043	0.107	0.131	0.013	0.005
	(0.024)	(0.024)	(0.071)	(0.069)	(0.015)	(0.015)	(0.038)	(0.036)	(0.102)	(0.096)	(0.015)	(0.015)	(0.037)	(0.038)	(0.117)	(0.123)	(0.015)	(0.015)
Counterfactual No AI - Method	0.027*	0.020	0.010	0.007	0.018	0.018	-0.004	0.001	-0.008	-0.022	0.018	0.018	0.017	0.010	-0.002	0.001	0.018	0.018
	(0.016)	(0.014)	(0.021)	(0.021)	(0.012)	(0.012)	(0.018)	(0.017)	(0.045)	(0.046)	(0.012)	(0.012)	(0.015)	(0.014)	(0.024)	(0.022)	(0.012)	(0.012)
field_agricultural_and_biological_sciences	12.1***	12.1***	20.0***	20.3***	13.9***	13.9***	15.5***	15.6***	10.5	10.2	13.9***	13.9***	19.0***	19.3***	29.0**	29.3*	13.9***	13.9***
	(2.12)	(2.13)	(3.56)	(3.58)	(1.27)	(1.27)	(2.26)	(2.25)	(6.24)	(6.13)	(1.27)	(1.27)	(2.98)	(2.96)	(11.4)	(11.4)	(1.27)	(1.27)
field_arts_and_humanities	-4.98	-5.31	35.2***	35.9***	-11.7	-11.7	-5.50	-5.69	34.9	35.5	-11.7	-11.7	-23.4	-23.8	31.7	17.9	-11.7	-11.7
	(7.21)	(7.25)	(8.38)	(8.22)	(7.98)	(8.01)	(20.6)	(20.5)	(60.2)	(58.6)	(7.98)	(8.01)	(16.5)	(16.6)	(52.2)	(51.6)	(7.98)	(8.01)
field_biochemistry_genetics_and_molecular_biology	7.17***	7.15**	9.21***	9.13***	7.48***	7.47***	7.32***	7.32***	7.76***	7.71***	7.48***	7.47***	3.14	3.09	11.2***	11.2***	7.48***	7.47***
	(2.62)	(2.63)	(2.28)	(2.32)	(2.13)	(2.13)	(1.98)	(2.00)	(1.83)	(1.88)	(2.13)	(2.13)	(2.60)	(2.60)	(3.74)	(3.64)	(2.13)	(2.13)
field_business_management_and_accounting	17.9**	17.9**	33.5	34.9	28.0**	27.9**	56.0***	56.0***	59.4	61.1	28.0**	27.9**	4.77	3.99	46.4	39.6	28.0**	27.9**
	(8.39)	(8.38)	(28.1)	(28.6)	(10.4)	(10.4)	(11.0)	(11.0)	(36.9)	(36.9)	(10.4)	(10.4)	(12.2)	(12.3)	(99.0)	(99.7)	(10.4)	(10.4)
field_chemical_engineering	35.1***	35.1***	59.1**	57.2**	24.0***	23.9***	52.7***	52.6***	70.4**	69.3**	24.0***	23.9***	61.2**	60.7**	15.3	19.2	24.0***	23.9***
field_chemistry	13.5***	13.5***	12.1***	12.1***	10.6***	10.6***	10.5***	10.5***	15.2**	14.8**	10.6***	10.6***	11.7***	10.6**	15.6*	16.2*	10.6***	10.6***
	(1.66)	(1.66)	(3.58)	(3.56)	(1.87)	(1.87)	(2.88)	(2.88)	(6.44)	(6.46)	(1.87)	(1.87)	(4.15)	(4.14)	(9.21)	(9.21)	(1.87)	(1.87)
field_computer_science	13.9***	14.0***	12.3*	12.4*	17.4***	17.4***	9.43*	9.61*	5.72	6.03	17.4***	17.4***	22.7***	22.9***	41.8***	40.6***	17.4***	17.4***
	(1.91)	(1.89)	(6.90)	(6.80)	(2.17)	(2.17)	(5.16)	(5.26)	(10.8)	(10.9)	(2.17)	(2.17)	(5.56)	(5.50)	(14.9)	(14.7)	(2.17)	(2.17)
field_decision_sciences	15.1*	14.9*	21.1	20.2	-6.00**	-6.04**	4.43	3.84	61.2	60.6	-6.00**	-6.04**	26.4	27.3	51.5	49.9	-6.00**	-6.04**
	(7.85)	(7.80)	(34.3)	(33.9)	(2.87)	(2.85)	(15.3)	(15.4)	(44.7)	(44.2)	(2.87)	(2.85)	(18.4)	(18.5)	(63.1)	(63.5)	(2.87)	(2.85)
field_dentistry	18.0***	18.0***	-8.74**	-10.6**	15.7***	15.8***	27.2***	27.1***	-15.8	-18.8	15.7***	15.8***	21.2**	21.4**	-16.0	-13.2	15.7***	15.8***
	(3.46)	(3.45)	(4.16)	(4.67)	(5.71)	(5.72)	(9.24)	(9.24)	(15.4)	(14.9)	(5.71)	(5.72)	(8.15)	(8.10)	(42.6)	(41.7)	(5.71)	(5.72)
field_earth_and_planetary_sciences	-0.936	-0.910	8.38	8.93	-5.39***	-5.40***	24.7*	24.8*	60.3**	61.7**	-5.39***	-5.40***	10.6	10.5	45.4	45.4	-5.39***	-5.40***
	(2.63)	(2.63)	(10.1)	(9.97)	(1.67)	(1.67)	(12.5)	(12.5)	(23.9)	(23.7)	(1.67)	(1.67)	(9.72)	(9.84)	(51.9)	(52.2)	(1.67)	(1.67)
field_economics_econometrics_and_finance	14.0***	14.1***	-11.6	-10.1	5.08	5.12	-5.89	-5.59	-51.1	-51.4	5.08	5.12	14.4**	14.4**	22.7	24.5	5.08	5.12
	(3.47)	(3.45)	(22.2)	(21.9)	(11.4)	(11.4)	(14.6)	(16.9)	(47.5)	(45.5)	(11.4)	(11.4)	(6.83)	(6.86)	(35.5)	(35.3)	(11.4)	(11.4)
field_energy	30.3***	30.4***	12.0	13.0	21.3***	21.3***	24.7***	24.9***	12.6	13.1	21.3***	21.3***	24.3	24.0	-15.7	-17.8	21.3***	21.3***
	(3.73)	(3.76)	(10.1)	(10.3)	(4.09)	(4.08)	(7.69)	(7.66)	(15.5)	(15.4)	(4.09)	(4.08)	(16.6)	(16.6)	(26.0)	(25.5)	(4.09)	(4.08)
field_engineering	19.3***	19.3***	22.3***	22.5***	15.3***	15.3***	15.2***	15.2***	22.6**	23.2**	15.3***	15.3***	19.7***	19.7***	20.6	21.2	15.3***	15.3***
	(1.43)	(1.43)	(5.38)	(5.40)	(2.10)	(2.10)	(2.86)	(2.87)	(9.98)	(9.98)	(2.10)	(2.10)	(4.01)	(4.02)	(13.8)	(13.7)	(2.10)	(2.10)
field_environmental_science	15.1***	15.1***	13.7	14.0**	12.1***	12.1***	18.1***	18.0***	17.3*	17.4**	12.1***	12.1***	15.4***	15.5***	-0.860	-0.621	12.1***	12.1***
	(1.35)	(1.34)	(6.85)	(6.89)	(2.03)	(2.03)	(2.75)	(2.77)	(8.53)	(8.56)	(2.03)	(2.03)	(3.90)	(3.84)	(12.7)	(13.0)	(2.03)	(2.03)
field_health_professions	1.33	1.29	-11.7	-13.3	-3.26	-3.31	21.8**	21.9**	33.7	30.3	-3.26	-3.31	-0.214	-0.248	-30.8	-32.0	-3.26	-3.31
	(2.59)	(2.58)	(16.0)	(15.7)	(3.58)	(3.57)	(9.24)	(9.20)	(34.9)	(34.1)	(3.58)	(3.57)	(3.75)	(3.72)	(26.6)	(26.0)	(3.58)	(3.57)
field_immunology_and_microbiology	8.72***	8.69***	12.7***	12.4***	9.83***	9.83***	13.0***	13.0***	9.53*	9.19	9.83***	9.83***	4.78**	4.78*	18.5***	18.3***	9.83***	9.83***
	(2.12)	(2.12)	(3.58)	(3.63)	(2.39)	(2.38)	(2.40)	(2.42)	(5.50)	(5.63)	(2.39)	(2.38)	(2.34)	(2.38)	(6.05)	(6.11)	(2.39)	(2.38)
field_materials_science	11.3***	11.4***	2.19	2.42	9.51***	9.50***	21.9***	22.0***	2.38	2.65	9.51***	9.50***	23.1***	22.9***	4.14	3.94	9.51***	9.50***
	(1.67)	(1.67)	(2.18)	(2.23)	(1.57)	(1.57)	(3.21)	(3.26)	(6.00)	(6.20)	(1.57)	(1.57)	(4.46)	(4.43)	(13.6)	(13.5)	(1.57)	(1.57)
field_mathematics	34.9***	35.4***	44.7***	45.4***	28.5***	28.5***	-4.88	-4.67	37.2	35.9	28.5***	28.5***	43.8***	44.0***	33.0	32.5	28.5***	28.5***
	(5.28)	(5.26)	(14.0)	(13.7)	(9.78)	(9.76)	(12.6)	(12.7)	(38.5)	(39.7)	(9.78)	(9.76)	(6.02)	(6.21)	(25.2)	(25.5)	(9.78)	(9.76)
field_medicine	10.7***	10.8***	12.5***	12.7***	9.00***	9.02***	7.78***	7.80***	8.85***	8.81***	9.00***	9.02***	10.1***	10.2***	9.30***	9.58***	9.00***	9.02***
	(2.25)	(2.25)	(1.94)	(1.95)	(2.22)	(2.22)	(1.88)	(1.90)	(2.83)	(2.80)	(2.22)	(2.22)	(1.59)	(1.60)	(2.68)	(2.69)	(2.22)	(2.22)
field_neuroscience	15.1***	15.1***	12.7**	12.6**	13.2***	13.2***	15.6***	15.6***	21.6***	21.4***	13.2***	13.2***	16.8***	16.6**	13.9	14.4	13.2***	13.2***
	(1.35)	(1.35)	(5.74)	(5.77)	(1.19)	(1.20)	(2.05)	(2.05)	(7.24)	(7.22)	(1.19)	(1.20)	(2.85)	(2.88)	(14.3)	(14.5)	(1.19)	(1.20)
field_nursing	13.0***	12.9***	-0.053	0.350	13.3***	13.3***	14.0**	14.2**	19.4*	20.3*	13.3***	13.3***	10.1**	9.69*	-13.9	-14.6	13.3***	13.3***
	(2.48)	(2.50)	(10.9)	(11.1)	(2.56)	(2.56)	(6.49)	(6.48)	(11.3)	(11.6)	(2.56)	(2.56)	(4.79)	(4.83)	(19.0)	(19.5)	(2.56)	(2.56)
field_pharmacology_toxicology_and_pharmaceutics	10.6***	10.7***	-6.81	-6.72	8.47***	8.43***	9.02	9.08	5.65	5.39	8.47***	8.43***	3.92	3.60	-12.7	-13.3	8.47***	8.43***
	(2.32)	(2.33)	(10.1)	(10.1)	(2.58)	(2.57)	(5.69)	(5.71)	(13.8)	(13.9)	(2.58)	(2.57)	(6.95)	(6.96)	(20.6)	(20.5)	(2.58)	(2.57)
field_physics_and_astronomy	16.2***	16.4***	3.69	5.63	13.3***	13.3***	9.35*	9.47	11.0	14.0	13.3***	13.3***	21.5***	21.9***	-0.451	0.420	13.3***	13.3***
	(3.28)	(3.33)	(17.4)	(17.5)	(4.46)	(4.46)	(5.49)	(5.52)	(20.4)	(20.9)	(4.46)	(4.46)	(5.29)	(5.39)	(37.6)	(37.7)	(4.46)	(4.46)
field_social_sciences	21.8***	22.2***	31.9***	31.7***	8.90*	8.97*	10.4	10.4	17.9	17.8	8.90*	8.97*	17.6***	18.4***	54.3*	55.1*	8.90*	8.97*
	(3.55)	(3.57)	(11.4)	(11.5)	(5.06)	(5.06)	(6.90)	(6.93)	(11.4)	(11.9)	(5.06)	(5.06)	(5.83)	(5.87)	(30.3)	(30.7)	(5.06)	(5.06)
field_veterinary	10.2***	9.95***	11.9	11.3	-12.4**	-12.5**	1.90	1.56	-22.9	-22.7	-12.4**	-12.5**	12.8	12.4	49.4	50.7	-12.4**	-12.5**
	(3.13)	(3.14)	(22.2)	(22.7)	(5.08)	(5.10)	(15.2)	(15.1)	(27.8)	(27.9)	(5.08)	(5.10)	(9.68)	(9.77)	(50.1)	(50.9)	(5.08)	(5.10)
mesh_.	51.2***	51.8***	151.2***	148.8***	23.7	23.9	59.3***	60.1***	111.9	109.8	23.7	23.9	78.2***	79.7***	207.5***	211.9***	23.7	23.9
	(13.3)	(13.5)	(42.3)	(42.8)	(18.2)	(18.3)	(19.7)	(19.0)	(67.1)	(65.4)	(18.2)	(18.3)	(18.0)	(18.5)	(75.6)	(75.7)	(18.2)	(18.3)
mesh_A	8.28***	8.28***	13.4***	13.4***	9.35***	9.35***	9.96***	9.95***	15.1***	15.1***	9.35***	9.35***	9.82***	9.83***	11.5*	11.4*	9.35***	9.35***
	(0.852)	(0.847)	(3.49)	(3.50)	(0.974)	(0.972)	(1.29)	(1.30)	(5.34)	(5.43)	(0.974)	(0.972)	(1.67)	(1.67)	(5.72)	(5.74)	(0.974)	(0.972)
mesh_B	9.56***	9.65***	13.3***	13.4***	10.6***	10.6***	10.2***	10.3***	11.0**	11.2**	10.6***	10.6***	21.0***	21.2***	26.7***	26.6***	10.6***	10.6***
	(0.885)	(0.891)	(2.90)	(2.91)	(1.10)	(1.10)	(1.35)	(1.37)	(4.46)	(4.50)	(1.10)	(1.10)	(2.22)	(2.25)	(6.63)	(6.67)	(1.10)	(1.10)
mesh_C	11.7***	11.6***	16.2***	16.3***	9.79***	9.77***	11.9***	11.9***	9.64**	9.66**	9.79***	9.77***	11.4***	11.3***	17.9**	17.9**	9.79***	9.77***
	(1.17)	(1.18)	(3.69)	(3.66)	(1.20)	(1.20)	(1.37)	(1.38)	(4.64)	(4.64)	(1.20)	(1.20)	(1.14)	(1.15)	(6.71)	(6.59)	(1.20)	(1.20)
mesh_D	4.10***	4.10***	6.17***	6.13***	3.88***	3.89***	2.90***	2.89***	7.25***	7.16***	3.88***	3.89***	7.64***	7.70***	5.15**	5.39***	3.88***	3.89***
	(0.449)	(0.448)	(1.04)	(1.04)	(0.444)	(0.445)	(0.624)	(0.622)	(1.24)	(1.25)	(0.444)	(0.445)	(0.835)	(0.831)	(1.93)	(1.92)	(0.444)	(0.445)
mesh_E	4.02***	4.02***	8.55**	8.77**	3.29***	3.29***	4.87***	4.89**	6.33	6.17	3.29***	3.29***	5.53**	5.49**	1.43	1.66	3.29***	3.29***
	(1.10)	(1.11)	(3.82)	(3.83)	(1.15)	(1.15)	(1.83)	(1.85)	(6.03)	(6.07)	(1.15)	(1.15)	(2.11)	(2.11)	(11.3)	(11.3)	(1.15)	(1.15)
mesh_F	10.5***	10.4***	18.9	18.8	11.3***	11.3***	15.9***	15.8***	24.4	24.4	11.3***	11.3***	16.7***	16.6***	36.5	37.8	11.3***	11.3***
	(2.34)	(2.34)	(14.6)	(14.7)	(2.10)	(2.10)	(4.48)	(4.47)	(18.4)	(18.5)	(2.10)	(2.10)	(3.51)	(3.52)	(27.6)	(27.0)	(2.10)	(2.10)
mesh_G	9.27***	9.28***	8.94***	8.84***	8.52***	8.53***	11.7***	11.7***	9.51***	9.36***	8.52***	8.53***	17.3***	17.4***	10.1	10.1	8.52***	8.53***
	(0.866)	(0.864)	(2.23)	(2.22)	(0.928)	(0.929)	(1.14)	(1.14)	(3.52)	(2.54)	(0.928)	(0.929)	(1.84)	(1.83)	(6.83)	(6.82)	(0.928)	(0.929)
mesh_H	15.2***	15.2***	46.6***	46.6***	18.1***	18.1***	22.5***	22.5***	36.4*	37.8*	18.1***	18.1***	19.3**	19.2**	99.7**	94.7**	18.1***	18.1***
mesh_I	-1.41	-1.34	5.62	4.09	4.89	4.88	-1.68	-1.62	109.9	113.1	4.89	4.88	7.66	7.23	-19.4	-20.7	4.89	4.88
	(4.02)	(4.05)	(36.0)	(35.8)	(4.48)	(4.47)	(19.9)	(19.9)	(83.2)	(82.5)	(4.48)	(4.47)					(4.48)	(4.47)
mesh_J	4.30***	4.30***	39.2***	39.1***	6.33***	6.33***	11.3***	11.3***	55.6***	55.7***	6.33***	6.33***	12.8***	12.6***	8.49	7.24	6.33***	6.33***
	(1.08)	(1.07)	(7.43)	(7.51)	(2.22)	(2.22)	(3.33)	(3.33)	(13.9)	(13.9)	(2.22)	(2.22)	(4.58)	(4.57)	(18.2)	(18.2)	(2.22)	(2.22)
mesh_K	1.69	1.79	-40.7	-38.6	-43.8*	-43.2*	-2.64	-2.30	36.4	37.4	-43.8*	-43.2*	-18.5	-18.6	-260.9	-273.0	-43.8*	-43.2*
	(5.17)	(5.20)	(86.2)	(86.5)	(22.4)	(22.7)	(19.7)	(19.8)	(91.8)	(93.1)	(22.4)	(22.7)	(50.9)	(50.7)	(322.9)	(320.0)	(22.4)	(22.7)
mesh_L	16.0***	16.1***	32.4***	32.4***	14.7***	14.7***	22.0***	22.1***	59.4**	50.1**	14.7***	14.7***	16.7***	16.2***	8.35	5.77	14.7***	14.7***
	(2.15)	(2.15)	(7.57)	(7.50)	(2.06)	(2.06)	(3.71)	(3.72)	(11.1)	(11.2)	(2.06)	(2.06)	(5.91)	(5.92)	(21.3)	(21.4)	(2.06)	(2.06)
mesh_M	16.0***	16.0***	32.8***	33.3***	13.1***	13.0***	10.2**	11.1	11.4	11.4	13.1***	13.0***	19.6***	19.7***	38.9	40.1	13.1***	13.0***
	(2.03)	(2.04)	(3.93)	(5.96)	(3.09)	(3.09)	(3.96)	(3.98)	(21.3)	(21.4)	(3.09)	(3.09)	(4.40)	(4.42)	(19.6)	(19.6)	(3.09)	(3.09)
mesh_N	12.8***	12.8***	15.6	16.1	14.3***	14.4***	20.9***	20.9***	-1.30	-0.446	14.3***	14.4***	18.5***	18.5***	7.24	7.68	14.3***	14.4***
	(1.07)	(1.07)	(10.8)	(10.9)	(1.89)	(1.89)	(2.93)	(2.94)	(20.9)	(21.1)	(1.89)	(1.89)	(2.80)	(2.84)	(17.2)	(16.5)	(1.89)	(1.89)
mesh_Z	2.77	2.76	13.5	12.7	-3.11	-3.08	-5.30	-5.43	115.6***	116.5**	-3.11	-3.08	-1.43	1.36	10.2	8.26	-3.11	-3.08
	(2.39)	(2.40)	(22.8)	(23.0)	(3.89)	(3.90)	(7.71)	(7.71)	(53.5)	(54.2)	(3.89)	(3.90)	(6.28)	(6.35)	(33.9)	(33.9)	(3.89)	(3.90)
mesh_n	5.01*	4.79	9.07	9.16	7.66**	7.59**	12.5**	12.4*	28.4	29.3	7.66**	7.59**	9.47	9.36	-4.78	-7.68	7.66**	7.59**
	(2.90)	(2.91)	(11.3)	(11.5)	(3.44)	(3.45)	(5.60)	(5.63)	(24.1)	(23.9)	(3.44)	(3.45)	(4.82)	(4.86)	(20.8)	(20.9)	(3.44)	(3.45)
AlphaFold × Counterfactual AI	0.024	-0.001	-0.057	-0.002	0.064	-0.001	0.057	-0.0002	-0.151	-0.006*	0.064	-0.001	-0.066	-0.006	0.028	0.008**	0.064	-0.001
	(0.040)	(0.002)	(0.102)	(0.003)	(0.050)	(0.002)	(0.056)	(0.002)	(0.141)	(0.003)	(0.050)	(0.002)	(0.075)	(0.004)	(0.230)	(0.004)	(0.050)	(0.002)
AlphaFold × Counterfactual No AI	0.038	-0.0004***	-0.174**	-0.0007**	0.012	-0.0005*	0.027	-0.0002	-0.149	-0.001	0.012	-0.0005*	0.075	-0.0003**	-0.006	-0.0004	0.012	-0.0005*
	(0.048)	(0.0001)	(0.075)	(0.0003)	(0.054)	(0.002)	(0.057)	(0.0003)	(0.097)	(0.002)	(0.054)	(0.002)	(0.063)	(0.0002)	(0.129)	(0.004)	(0.054)	(0.002)
AlphaFold - Method × Counterfactual AI - Method	-0.004	-0.001	-0.050	-0.049	-0.061*	-0.052	-0.013	-0.007	-0.081	-0.079	-0.061*	-0.052	0.008	0.011	-0.091	-0.097	-0.061*	-0.052
	(0.017)	(0.018)	(0.048)	(0.046)	(0.034)	(0.036)	(0.039)	(0.038)	(0.077)	(0.071)	(0.034)	(0.036)	(0.031)	(0.032)	(0.099)	(0.097)	(0.034)	(0.036)
AlphaFold - Method × Counterfactual No AI - Method	-0.003***	-0.002**	-0.001	0.001	-0.002**	-0.001**	-0.0009	-0.001	0.004	0.012	-0.002**	-0.001**	-0.003**	-0.001	-0.001	-0.002**	-0.002**	-0.001**
	(0.0010)	(0.0010)	(0.004)	(0.004)	(0.0006)	(0.0006)	(0.002)	(0.002)	(0.011)	(0.012)	(0.0006)	(0.0006)	(0.001)	(0.001)	(0.005)	(0.005)	(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	107,662	107,662	10,281	10,281	78,819	78,819	33,010	33,010	4,824	4,824	78,819	78,819	45,023	45,023	3,079	3,079	78,819	78,819
R²	0.61	0.61	0.65	0.65	0.60	0.60	0.65	0.65	0.67	0.67	0.60	0.60	0.66	0.66	0.73	0.73	0.60	0.60
Mean(Dep. Var.)	3.904	3.904	4.100	4.100	3.698	3.698	3.862	3.862	4.033	4.033	3.698	3.698	3.975	3.975	4.339	4.339	3.698	3.698

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

Right table

Dependent Variable:		All Fields		
	All PDB		High PDB	
Variables	Extensive	Intensive	Extensive	Intensive
AlphaFold	0.034	0.00004	0.157***	0.010
	(0.021)	(0.004)	(0.057)	(0.008)
Counterfactual AI	0.0006	0.004	0.069	0.007
	(0.019)	(0.009)	(0.059)	(0.019)
Counterfactual No AI	0.136***	0.013*	0.271***	0.014
	(0.044)	(0.007)	(0.073)	(0.010)
AlphaFold - Method	-0.007	-0.006	-0.017	-0.021
	(0.007)	(0.006)	(0.013)	(0.013)
Counterfactual AI - Method	-0.010	-0.015	-0.008	-0.011
	(0.024)	(0.025)	(0.056)	(0.053)
Counterfactual No AI - Method	0.035*	0.029	0.038	0.027
	(0.020)	(0.017)	(0.029)	(0.028)
field_agricultural_and_biological_sciences	8.73***	8.74***	18.5***	18.7***
	(1.55)	(1.56)	(3.34)	(3.41)
field_arts_and_humanities	-4.39	-4.72	20.3**	21.0**
	(6.31)	(6.30)	(8.71)	(8.48)
field_biochemistry_genetics_and_molecular_biology	4.75**	4.74**	6.39***	6.31***
	(1.80)	(1.81)	(1.76)	(1.80)
field_business_management_and_accounting	7.23	7.16	-15.2	-13.6
	(6.14)	(6.14)	(25.3)	(25.9)
field_chemical_engineering	24.3***	24.4***	29.9	28.5
	(3.59)	(3.59)	(21.9)	(22.1)
field_chemistry	10.6***	10.6***	8.96**	9.00**
	(1.37)	(1.37)	(3.45)	(3.44)
field_computer_science	12.4***	12.5***	10.9*	10.8*
	(1.93)	(1.94)	(6.02)	(5.94)
field_decision_sciences	9.12*	8.88	39.5	39.0
	(5.35)	(5.37)	(24.2)	(24.2)
field_dentistry	8.11***	8.11***	-7.37	-9.06
	(2.92)	(2.91)	(9.76)	(10.3)
field_earth_and_planetary_sciences	-2.43	-2.41	5.90	6.59
	(1.96)	(1.96)	(12.0)	(11.8)
field_economics_econometrics_and_finance	13.7***	13.8***	-5.48	-3.06
	(3.59)	(3.59)	(21.9)	(22.1)
field_energy	25.3***	25.5***	0.944	2.28
	(3.49)	(3.54)	(8.65)	(8.80)
field_engineering	14.4***	14.4***	14.6***	14.8***
	(1.02)	(1.02)	(3.97)	(3.98)
field_environmental_science	10.1***	10.1***	4.79	4.86
	(1.09)	(1.09)	(6.35)	(6.47)
field_health_professions	1.28	1.28	-3.75	-5.56
	(2.34)	(2.35)	(15.4)	(15.3)
field_immunology_and_microbiology	3.04**	3.00**	4.90	4.49
	(1.33)	(1.34)	(3.07)	(3.13)
field_materials_science	9.08***	9.16***	1.29	1.55
	(1.11)	(1.12)	(2.19)	(2.23)
field_mathematics	54.9***	55.5***	67.3***	68.0***
	(8.56)	(8.60)	(20.0)	(19.6)
field_medicine	9.12***	9.22***	12.6***	12.8***
	(1.89)	(1.90)	(2.53)	(2.56)
field_neuroscience	9.08***	9.02***	8.84*	8.75*
	(1.22)	(1.23)	(4.94)	(4.95)
field_nursing	7.99***	7.97***	1.73	2.28
	(2.20)	(2.21)	(7.68)	(8.02)
field_pharmacology_toxicology_and_pharmaceutics	5.95***	6.05***	-2.82	-2.75
	(1.99)	(2.00)	(6.68)	(6.83)
field_physics_and_astronomy	1.90	1.70	0.048	-0.453
	(1.67)	(1.66)	(5.13)	(5.02)
field_psychology	15.1***	15.4***	-23.0	-20.7
	(3.58)	(3.61)	(15.8)	(16.0)
field_social_sciences	19.8***	20.2***	29.0*	29.1*
	(4.29)	(4.35)	(16.6)	(16.7)
field_veterinary	2.22	2.04	-2.12	-2.96
	(2.99)	(2.99)	(19.8)	(20.4)
mesh_.	45.0***	45.9***	164.9***	162.4***
	(12.8)	(13.1)	(50.4)	(49.8)
mesh_A	3.91***	3.91***	8.96***	9.02***
	(0.683)	(0.680)	(2.66)	(2.69)
mesh_B	7.56***	7.65***	10.4***	10.5***
	(0.556)	(0.865)	(2.73)	(2.74)
mesh_C	7.88***	7.86***	11.7***	11.8***
	(1.49)	(1.50)	(3.90)	(3.85)
mesh_D	2.67***	2.68***	3.33***	3.30***
	(0.385)	(0.387)	(0.952)	(0.955)
mesh_E	3.07***	3.06***	8.09*	8.31*
	(0.844)	(0.845)	(4.43)	(4.48)
mesh_F	3.80**	3.73**	16.2	16.0
	(1.56)	(1.56)	(12.3)	(12.3)
mesh_G	6.36***	6.38***	7.34***	7.21***
	(0.719)	(0.717)	(2.10)	(2.07)
mesh_H	12.2***	12.3***	38.6***	38.9***
	(2.37)	(2.28)	(11.5)	(11.6)
mesh_I	-0.741	-0.784	-45.0	-47.3
	(3.48)	(3.51)	(41.8)	(41.7)
mesh_J	1.69**	1.70**	7.77	7.07
	(0.775)	(0.741)	(6.48)	(6.83)
mesh_K	9.05**	9.12**	-34.7	-32.3
	(3.71)	(3.64)	(58.2)	(57.8)
mesh_L	10.4***	10.7***	20.2***	23.5***
	(1.37)	(1.38)	(7.23)	(7.07)
mesh_M	13.5***	13.7***	39.0***	40.3***
	(1.71)	(1.72)	(7.90)	(8.00)
mesh_N	9.71***	8.71***	8.74**	9.29**
	(1.16)	(1.16)	(3.79)	(3.75)
mesh_Z	5.51**	5.40*	8.25	7.40
	(2.25)	(2.25)	(20.7)	(21.3)
mesh_n	4.01	3.79	11.3	11.7
	(2.78)	(2.77)	(10.7)	(11.1)
AlphaFold × Counterfactual AI	0.028	-0.0003	-0.075	-0.001
	(0.059)	(0.003)	(0.259)	(0.003)
AlphaFold × Counterfactual No AI	0.026	-0.0004***	-0.204**	-0.0010
	(0.076)	(0.0002)	(0.119)	(0.0004)
AlphaFold - Method × Counterfactual AI - Method	-0.008	-0.002	-0.014	-0.015
	(0.018)	(0.020)	(0.052)	(0.044)
AlphaFold - Method × Counterfactual No AI - Method	-0.003**	-0.002*	-0.001	0.002
	(0.001)	(0.001)	(0.005)	(0.004)
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	107,662	107,662	10,281	10,281
R²	0.59	0.59	0.63	0.63
Mean(Dep. Var.)	1.410	1.410	1.622	1.622

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	0.028*	-0.004	-0.137***	0.003	0.023	0.0007	0.028	-0.003	0.096	0.004	0.023	0.0007	0.009	-0.008	0.037	-0.023	0.023	0.0007
	(0.015)	(0.007)	(0.050)	(0.012)	(0.017)	(0.006)	(0.020)	(0.007)	(0.066)	(0.013)	(0.017)	(0.006)	(0.025)	(0.008)	(0.086)	(0.016)	(0.017)	(0.006)
Counterfactual AI	-0.014	-0.002	0.018	-0.012	0.035	0.027**	0.019	0.012	0.056	0.013***	0.035	0.027**	0.010	-0.006	-0.102	-0.092***	0.035	0.027**
	(0.021)	(0.010)	(0.051)	(0.016)	(0.024)	(0.011)	(0.029)	(0.011)	(0.073)	(0.004)	(0.024)	(0.011)	(0.042)	(0.018)	(0.138)	(0.025)	(0.024)	(0.011)
Counterfactual No AI	0.120***	0.008	0.201***	0.006	0.069**	0.007	0.075**	0.002	0.145**	0.014	0.069**	0.007	0.131**	0.009	0.170**	0.005	0.069**	0.007
	(0.039)	(0.005)	(0.052)	(0.008)	(0.026)	(0.005)	(0.029)	(0.005)	(0.070)	(0.018)	(0.026)	(0.005)	(0.050)	(0.006)	(0.082)	(0.008)	(0.026)	(0.005)
AlphaFold - Method	-0.009	-0.003	-0.037**	-0.031**	-0.0004	0.0006	0.002	0.005	0.006	0.003	-0.0004	0.0006	-0.017*	-0.008	-0.049***	-0.017	-0.0004	0.0006
	(0.008)	(0.005)	(0.018)	(0.012)	(0.004)	(0.004)	(0.010)	(0.009)	(0.026)	(0.016)	(0.004)	(0.004)	(0.009)	(0.005)	(0.015)	(0.018)	(0.004)	(0.004)
Counterfactual AI - Method	0.019	0.014	0.047	0.048	0.008	0.0008	-0.020	-0.025	0.041	0.035	0.008	0.0008	0.079*	0.072*	0.111	0.147	0.008	0.0008
	(0.024)	(0.025)	(0.064)	(0.060)	(0.015)	(0.012)	(0.041)	(0.037)	(0.092)	(0.088)	(0.015)	(0.012)	(0.039)	(0.039)	(0.117)	(0.120)	(0.015)	(0.012)
Counterfactual No AI - Method	0.015	0.005	0.002	0.003	0.010	0.013	0.0008	0.005	-0.029	-0.037	0.010	0.013	0.007	0.007	-0.002	0.010	0.010	0.013
	(0.020)	(0.016)	(0.027)	(0.025)	(0.014)	(0.012)	(0.018)	(0.017)	(0.047)	(0.050)	(0.014)	(0.012)	(0.020)	(0.017)	(0.029)	(0.025)	(0.014)	(0.012)
field_agricultural_and_biological_sciences	11.1***	11.1***	17.8***	18.1***	12.3***	12.3***	15.3***	15.3***	7.41	7.42	12.3***	12.3***	16.1***	16.4***	25.1**	25.2**	12.3***	12.3***
	(2.32)	(2.32)	(3.74)	(3.78)	(1.23)	(1.23)	(2.19)	(2.18)	(6.35)	(6.42)	(1.23)	(1.23)	(3.10)	(3.08)	(10.9)	(11.0)	(1.23)	(1.23)
field_arts_and_humanities	-7.56	-7.78	25.1***	25.6***	-9.86	-9.88	-12.8	-13.1	41.8	39.8	-9.86	-9.88	-24.5	-24.7	-130.2*	-150.2**	-9.86	-9.88
	(6.57)	(6.64)	(8.66)	(8.50)	(6.77)	(6.80)	(16.8)	(16.7)	(57.5)	(55.3)	(6.77)	(6.80)	(16.6)	(16.7)	(66.0)	(67.6)	(6.77)	(6.80)
field_biochemistry_genetics_and_molecular_biology	6.30**	6.28**	8.21***	8.16***	6.61***	6.60***	6.61***	6.61***	6.87***	6.84***	6.61***	6.60***	1.99	1.90	10.4***	10.4***	6.61***	6.60***
	(2.32)	(2.33)	(1.96)	(2.01)	(1.86)	(1.86)	(1.75)	(1.76)	(1.49)	(1.52)	(1.86)	(1.86)	(2.32)	(2.32)	(3.78)	(3.69)	(1.86)	(1.86)
field_business_management_and_accounting	15.3*	15.2*	22.1	23.5	24.7**	24.7**	44.4***	44.4***	42.8	45.6	24.7*	24.7**	9.35	8.58	9.52	0.574	24.7**	24.7**
	(8.81)	(8.78)	(24.3)	(24.9)	(9.71)	(9.71)	(9.92)	(10.0)	(36.1)	(36.5)	(9.71)	(9.71)	(12.2)	(12.4)	(102.8)	(105.5)	(9.71)	(9.71)
field_chemical_engineering	32.6***	32.6***	57.5**	55.5**	22.8***	22.6***	56.8***	56.9***	61.6**	61.2**	22.8***	22.6***	34.5	34.6	-51.9	-46.9	22.8***	22.6***
	(6.33)	(6.30)	(22.1)	(22.1)	(7.62)	(7.60)	(12.7)	(12.7)	(28.8)	(28.5)	(7.62)	(7.60)	(26.5)	(26.2)	(76.9)	(72.5)	(7.62)	(7.60)
field_chemistry	13.3***	13.3***	12.9***	13.0***	10.5***	10.5***	10.0***	10.1***	15.7**	15.4**	10.5***	10.5***	10.7**	10.4**	17.9*	18.4*	10.5***	10.5***
	(1.57)	(1.57)	(3.32)	(3.32)	(1.82)	(1.82)	(2.62)	(2.61)	(6.05)	(6.08)	(1.82)	(1.82)	(4.24)	(4.26)	(9.47)	(9.43)	(1.82)	(1.82)
field_computer_science	12.9***	12.9***	12.0*	12.1*	15.4***	15.5***	8.29*	8.59*	3.82	4.15	15.4***	15.5***	21.3***	21.4***	39.0***	37.7***	15.4***	15.5***
	(2.13)	(2.12)	(6.21)	(6.09)	(2.23)	(2.24)	(4.89)	(4.98)	(10.7)	(10.7)	(2.23)	(2.24)	(5.94)	(5.86)	(14.0)	(13.7)	(2.23)	(2.24)
field_decision_sciences	14.0**	14.0**	28.4	28.1	-0.720	-0.727	-2.01	-2.01	41.7	43.3	-0.720	-0.727	26.2	27.7	58.7	57.1	-0.720	-0.727
	(6.61)	(6.52)	(29.2)	(29.1)	(2.38)	(2.36)	(14.7)	(14.5)	(39.3)	(40.3)	(2.38)	(2.36)	(16.4)	(16.5)	(55.5)	(57.1)	(2.38)	(2.36)
field_dentistry	15.4***	15.4***	-3.10	-4.49	9.14*	9.28*	18.4**	18.1**	-1.16	-3.59	9.14*	9.28*	21.6**	22.1**	-6.85	-0.743	9.14*	9.28*
	(3.60)	(3.61)	(5.09)	(6.05)	(5.34)	(5.35)	(7.82)	(7.85)	(12.2)	(11.8)	(5.34)	(5.35)	(9.23)	(9.16)	(39.2)	(37.8)	(5.34)	(5.35)
field_earth_and_planetary_sciences	-1.09	-1.07	1.41	2.18	-5.44***	-5.47***	17.1	17.2	46.7	48.0*	-5.44***	-5.47***	3.23	3.32	42.5	43.2	-5.44***	-5.47***
	(2.43)	(2.42)	(9.92)	(9.89)	(1.52)	(1.53)	(12.1)	(12.1)	(28.1)	(28.1)	(1.52)	(1.53)	(11.2)	(10.9)	(53.1)	(53.0)	(1.52)	(1.53)
field_economics_econometrics_and_finance	13.5***	13.4***	-12.8	-11.5	3.96	4.02	-13.4	-12.9	-68.2	-69.1	3.96	4.02	13.8**	13.8**	-1.62	0.529	3.96	4.02
	(3.64)	(3.63)	(15.7)	(15.6)	(9.86)	(9.86)	(15.6)	(15.7)	(50.2)	(50.9)	(9.86)	(9.86)	(6.48)	(6.49)	(34.1)	(33.8)	(9.86)	(9.86)
field_energy	29.2***	29.3***	11.4	12.3	19.8***	19.8***	20.6***	20.5***	6.62	7.12	19.8***	19.8***	10.9	10.2	-7.54	-9.33	19.8***	19.8***
	(3.97)	(4.02)	(11.1)	(11.3)	(4.00)	(3.98)	(6.42)	(6.43)	(14.2)	(14.2)	(4.00)	(3.98)	(16.8)	(17.2)	(23.5)	(23.7)	(4.00)	(3.98)
field_engineering	17.4***	17.3***	19.5***	19.6***	13.4***	13.5***	13.6***	13.6***	23.4***	23.8**	13.4***	13.5***	17.3***	17.4***	8.03	8.38	13.4***	13.5***
	(2.01)	(2.01)	(5.12)	(5.20)	(1.76)	(1.76)	(2.49)	(2.50)	(10.0)	(10.0)	(1.76)	(1.76)	(3.90)	(3.89)	(14.7)	(14.5)	(1.76)	(1.76)
field_environmental_science	12.4***	12.4***	8.16	8.46	10.4***	10.4***	15.2***	15.1***	13.4	13.4	10.4***	10.4***	15.0***	15.2***	-2.55	-1.96	10.4***	10.4***
	(1.54)	(1.54)	(6.41)	(6.51)	(1.96)	(1.95)	(2.53)	(2.52)	(8.97)	(9.04)	(1.96)	(1.95)	(4.19)	(4.14)	(11.0)	(11.5)	(1.96)	(1.95)
field_health_professions	-1.39	-1.37	-13.1	-14.9	-2.26	-2.29	19.1**	19.0**	22.3	19.3	-2.26	-2.29	-5.15	-5.14	-13.5	-15.3	-2.26	-2.29
	(2.58)	(2.58)	(13.6)	(13.5)	(3.31)	(3.32)	(9.00)	(8.96)	(33.1)	(33.2)	(3.31)	(3.32)	(3.89)	(3.83)	(26.2)	(25.5)	(3.31)	(3.32)
field_immunology_and_microbiology	7.50***	7.45***	11.3***	11.1***	8.08***	8.07***	11.4***	11.4***	10.7**	10.3**	8.08***	8.07***	4.18*	4.14*	15.6***	15.6***	8.08***	8.07***
	(1.88)	(1.89)	(3.29)	(3.35)	(2.20)	(2.19)	(1.87)	(1.89)	(4.85)	(4.92)	(2.20)	(2.19)	(2.12)	(2.17)	(5.38)	(5.30)	(2.20)	(2.19)
field_materials_science	10.6***	10.7***	1.04	1.35	8.43***	8.43***	18.8***	19.0***	1.02	1.41	8.43***	8.43***	18.3***	18.3***	-7.43	-7.47	8.43***	8.43***
	(1.62)	(1.63)	(2.00)	(2.04)	(1.44)	(1.44)	(3.56)	(3.56)	(5.60)	(5.77)	(1.44)	(1.44)	(5.84)	(5.61)	(17.7)	(17.8)	(1.44)	(1.44)
field_mathematics	35.8***	36.4***	49.8***	50.8***	30.1***	30.2***	-3.36	-3.09	5.11	3.50	30.1***	30.2***	44.4***	44.9***	40.1*	39.7*	30.1***	30.2***
	(7.04)	(7.04)	(15.8)	(15.7)	(10.4)	(10.4)	(9.26)	(9.43)	(47.7)	(48.7)	(10.4)	(10.4)	(7.67)	(7.81)	(22.7)	(23.5)	(10.4)	(10.4)
field_medicine	10.3***	10.4***	12.2***	12.4***	8.39***	8.40***	6.97***	7.00***	7.15***	7.15***	8.39***	8.40***	9.84***	9.93***	9.92***	10.3***	8.39***	8.40***
	(2.15)	(2.16)	(2.14)	(2.15)	(1.98)	(1.98)	(1.48)	(1.50)	(2.50)	(2.49)	(1.98)	(1.98)	(1.51)	(1.52)	(2.98)	(3.01)	(1.98)	(1.98)
field_neuroscience	13.2***	13.1***	11.5**	11.4**	11.8***	11.8***	13.6***	13.6***	19.4***	19.4***	11.8***	11.8***	14.8***	14.6***	8.31	9.04	11.8***	11.8***
	(1.33)	(1.33)	(5.22)	(5.24)	(1.18)	(1.18)	(2.26)	(2.26)	(6.85)	(6.85)	(1.18)	(1.18)	(2.73)	(2.75)	(12.7)	(12.6)	(1.18)	(1.18)
field_nursing	10.0***	10.0***	-0.664	-0.228	9.81***	9.77***	11.0*	11.1*	15.7	16.4	9.81***	9.77***	6.28	6.00	-21.7	-22.3	9.81***	9.77***
	(2.54)	(2.54)	(11.6)	(11.9)	(2.11)	(2.10)	(5.98)	(6.00)	(11.5)	(11.9)	(2.11)	(2.10)	(4.64)	(4.64)	(20.1)	(20.5)	(2.11)	(2.10)
field_pharmacology_toxicology_and_pharmaceutics	9.65***	9.72***	-9.99	-9.89	8.11***	8.12***	9.31*	9.26*	-4.57	-4.66	8.11***	8.12***	3.05	2.73	-12.1	-12.2	8.11***	8.12***
	(2.07)	(2.07)	(8.99)	(8.97)	(2.47)	(2.45)	(5.45)	(5.47)	(15.0)	(15.1)	(2.47)	(2.45)	(6.50)	(6.50)	(19.4)	(19.3)	(2.47)	(2.45)
field_physics_and_astronomy	1.42	1.31	1.54	0.984	10.1***	10.1***	7.09	6.88	5.32	4.31	10.1***	10.1***	2.26	1.73	59.5	52.3	10.1***	10.1***
	(1.90)	(1.90)	(4.71)	(4.71)	(1.76)	(1.76)	(5.40)	(5.39)	(11.8)	(11.7)	(1.76)	(1.76)	(9.32)	(9.34)	(40.8)	(40.2)	(1.76)	(1.76)
field_psychology	15.3***	15.6***	-2.90	-0.977	12.2***	12.2***	7.50	7.61	-7.97	-4.87	12.2***	12.2***	21.6***	22.1***	-5.85	-4.79	12.2***	12.2***
	(3.48)	(3.50)	(15.6)	(15.8)	(3.89)	(3.89)	(5.66)	(5.68)	(35.9)	(26.6)	(3.89)	(3.89)	(5.17)	(5.17)	(41.6)	(42.1)	(3.89)	(3.89)
field_social_sciences	20.3***	20.7***	32.9***	33.3***	5.04	5.12	9.12	9.23	15.6	16.1	5.04	5.12	17.9***	18.6***	44.0	45.4	5.04	5.12
	(4.00)	(4.05)	(10.4)	(10.4)	(4.52)	(4.52)	(5.54)	(5.54)	(15.6)	(15.6)	(4.52)	(4.52)	(6.23)	(6.34)	(30.7)	(30.7)	(4.52)	(4.52)
field_veterinary	8.10**	7.99**	8.60	8.12	-12.2**	-12.2**	-2.56	-2.70	-36.3	-35.6	-12.2**	-12.2**	0.979	0.595	40.1	41.6	-12.2**	-12.2**
	(3.04)	(3.08)	(19.8)	(20.1)	(4.69)	(4.72)	(15.8)	(15.8)	(34.4)	(34.5)	(4.69)	(4.72)	(10.1)	(10.1)	(69.3)	(68.9)	(4.69)	(4.72)
mesh_	26.7***	26.9***	130.6***	128.9***	26.3	26.4	45.5**	46.2**	65.9	65.6	26.3	26.4	72.5***	74.6***	197.5**	204.2**	26.3	26.4
	(13.3)	(13.6)	(51.2)	(50.7)	(17.6)	(17.7)	(19.9)	(19.7)	(75.8)	(75.2)	(17.6)	(17.7)	(21.0)	(21.4)	(92.7)	(92.1)	(17.6)	(17.7)
mesh_A	6.16***	6.16***	9.99***	9.97***	7.23***	7.24***	7.04***	7.05***	9.11**	9.15**	7.23***	7.24***	6.92***	6.93***	8.22	7.86	7.23***	7.24***
	(0.759)	(0.756)	(2.94)	(2.94)	(0.914)	(0.913)	(1.16)	(1.17)	(4.42)	(4.46)	(0.914)	(0.913)	(1.48)	(1.47)	(5.87)	(5.95)	(0.914)	(0.913)
mesh_B	8.61***	8.68***	12.4***	12.6***	8.94***	8.95***	9.08***	9.15***	9.41**	9.55**	8.94***	8.95***	21.1***	21.2***	25.8**	25.7**	8.94***	8.95***
	(0.938)	(0.948)	(2.72)	(2.75)	(1.12)	(1.12)	(1.39)	(1.41)	(4.45)	(4.50)	(1.12)	(1.12)	(2.12)	(2.15)	(6.86)	(6.89)	(1.12)	(1.12)
mesh_C	10.3***	10.3***	13.4***	13.4***	8.34***	8.33***	9.71***	9.74***	8.94*	8.79*	8.34***	8.33***	9.72***	9.63***	16.0*	16.1*	8.34***	8.33***
	(1.25)	(1.25)	(4.12)	(4.08)	(1.12)	(1.12)	(1.39)	(1.39)	(4.40)	(4.40)	(1.12)	(1.12)	(1.32)	(1.33)	(6.70)	(6.54)	(1.12)	(1.12)
mesh_D	3.79***	3.80***	5.40***	5.40***	3.35***	3.36***	2.80***	2.80***	6.52***	6.46***	3.35***	3.36***	7.01***	7.07***	4.13*	4.44**	3.35***	3.36***
	(0.429)	(0.429)	(0.938)	(0.940)	(0.407)	(0.407)	(0.627)	(0.625)	(1.18)	(1.18)	(0.407)	(0.407)	(0.745)	(0.748)	(2.14)	(2.14)	(0.407)	(0.407)
mesh_E	4.12***	4.10***	8.06**	8.26**	3.84***	3.84***	5.54***	5.49***	9.08*	8.81	3.84***	3.84***	5.96**	5.99**	0.932	1.11	3.84***	3.84***
	(1.08)	(1.09)	(3.59)	(3.60)	(0.981)	(0.984)	(1.68)	(1.67)	(5.36)	(5.39)	(0.981)	(0.984)	(2.27)	(2.26)	(11.1)	(11.1)	(0.981)	(0.984)
mesh_F	8.33***	8.29***	9.81	9.90	8.91***	8.88***	11.0***	11.0**	16.6	17.1	8.91***	8.88***	12.2***	12.1***	29.1	31.3	8.91***	8.88***
	(2.16)	(2.16)	(15.6)	(15.6)	(1.89)	(1.88)	(4.31)	(4.30)	(17.0)	(17.2)	(1.89)	(1.88)	(3.06)	(3.08)	(37.5)	(37.8)	(1.89)	(1.88)
mesh_G	8.13***	8.16***	7.39***	7.33***	7.41***	7.41***	10.4***	10.4***	7.95***	7.92***	7.41***	7.41***	14.4***	14.5***	9.38	9.43	7.41***	7.41***
	(0.852)	(0.850)	(2.14)	(2.12)	(0.812)	(0.814)	(0.996)	(0.995)	(2.59)	(2.62)	(0.812)	(0.814)	(1.66)	(1.65)	(6.68)	(6.59)	(0.812)	(0.814)
mesh_H	14.6***	14.6***	39.6**	39.9**	16.1***	16.0***	22.4***	22.4***	35.3*	37.3*	16.1***	16.0***	16.4*	16.3*	86.8**	80.1*	16.1***	16.0***
	(2.38)	(2.39)	(15.5)	(15.3)	(2.61)	(2.61)	(4.42)	(4.43)	(18.3)	(18.4)	(2.61)	(2.61)	(4.72)	(4.72)	(42.3)	(42.5)	(2.61)	(2.61)
mesh_I	-2.35	-2.43	-9.20	-10.9	3.92	3.89	-12.7	-12.8	99.1	99.5	3.92	3.89	-1.94	-2.36	-33.3	-34.5	3.92	3.89
	(3.78)	(3.81)	(38.6)	(38.3)	(4.00)	(3.99)	(16.6)	(16.6)	(82.5)	(82.3)	(4.00)	(3.99)	(9.67)	(9.66)	(46.7)	(46.9)	(4.00)	(3.99)
mesh_J	2.67**	2.69***	30.7***	30.8***	5.16***	5.17***	9.41***	9.42***	39.9***	40.1***	5.16***	5.17***	7.97*	7.87*	18.5	16.9	5.16***	5.17***
	(0.984)	(0.983)	(7.96)	(8.00)	(1.75)	(1.75)	(3.36)	(3.36)	(14.1)	(14.1)	(1.75)	(1.75)	(1.48)	(1.42)	(19.1)	(19.2)	(1.75)	(1.75)
mesh_K	2.46	2.48	-15.7	-14.4	-28.2	-27.7	3.52	3.81	42.3	42.3	-28.2	-27.7	9.28	9.20	-125.3	-142.2	-28.2	-27.7
	(4.13)	(4.16)	(68.1)	(68.0)	(19.0)	(19.3)	(20.0)	(20.0)	(67.1)	(67.5)	(19.0)	(19.3)	(36.8)	(36.5)	(354.5)	(353.8)	(19.0)	(19.3)
mesh_L	13.7***	13.7***	28.9***	28.9***	12.4***	12.4***	17.8***	17.8***	42.2***	42.2***	12.4***	12.4***	16.6***	16.6***	6.45	5.03	12.4***	12.4***
	(1.82)	(1.82)	(6.65)	(6.57)	(1.87)	(1.87)	(3.19)	(3.18)	(11.0)	(11.0)	(1.87)	(1.87)	(5.67)	(5.68)	(21.1)	(21.4)	(1.87)	(1.87)
mesh_M	11.6***	11.6***	34.8***	35.9***	11.1***	11.1***	7.56*	7.62*	10.7	11.5	11.1***	11.1***	18.6***	18.8***	36.8***	36.9***	11.1***	11.1***
	(1.86)	(1.85)	(7.64)	(7.58)	(2.86)	(2.86)	(3.82)	(3.82)	(20.3)	(20.3)	(2.86)	(2.86)	(2.18)	(2.18)	(9.94)	(10.0)	(2.86)	(2.86)
mesh_N	11.3***	11.4***	23.8**	24.3**	11.9***	11.9***	19.2***	19.2***	9.48	10.3	11.9***	11.9***	15.5***	15.6***	15.0	15.1	11.9***	11.9***
	(1.98)	(1.98)	(11.5)	(11.5)	(1.80)	(1.80)	(2.67)	(2.67)	(19.4)	(19.5)	(1.80)	(1.80)	(2.53)	(2.58)	(12.6)	(11.6)	(1.80)	(1.80)
mesh_Z	3.94	3.89	14.9	13.9	0.107	0.128	-5.38	-6.18	48.7**	46.5**	0.107	0.128	2.86	2.70	6.26	3.96	0.107	0.128
	(2.34)	(2.33)	(20.1)	(21.5)	(3.78)	(3.80)	(6.67)	(6.67)	(22.1)	(22.6)	(3.78)	(3.80)	(6.37)	(6.42)	(29.3)	(29.4)	(3.78)	(3.80)
mesh_n	5.02*	4.86	13.5	14.0	7.55**	7.47**	15.4***	15.4***	21.1	22.6	7.55**	7.47**	8.89	9.65**	5.42	8.31	7.55**	7.47**
	(2.90)	(2.89)	(10.7)	(10.8)	(3.55)	(3.57)	(5.34)	(5.37)	(22.2)	(22.2)	(3.55)	(3.57)	(5.14)	(5.13)	(21.4)	(21.4)	(3.55)	(3.57)
AlphaFold × Counterfactual AI	0.004	-0.002	-0.102	-0.002	0.003	-0.003	0.029	-0.002	-0.205	0.009**	0.051	-0.003	-0.156	0.007	0.062	0.011***	0.051	-0.003
	(0.066)	(0.002)	(0.089)	(0.004)	(0.050)	(0.002)	(0.080)	(0.003)	(0.124)	(0.003)	(0.050)	(0.002)	(0.066)	(0.004)	(0.244)	(0.004)	(0.050)	(0.002)
AlphaFold × Counterfactual No AI	-0.023	-0.0003**	-0.153*	-0.0002**	0.004	-0.0006**	-0.037	-0.0004	-0.125	-0.001	0.004	-0.0006**	-0.011	-0.0002	0.011	-0.0004	0.004	-0.0006**
	(0.067)	(0.002)	(0.086)	(0.0003)	(0.056)	(0.0002)	(0.071)	(0.0003)	(0.120)	(0.0010)	(0.056)	(0.0002)	(0.067)	(0.0003)	(0.117)	(0.0004)	(0.056)	(0.0002)
AlphaFold - Method × Counterfactual AI - Method	0.005	0.013	-0.014	-0.014	0.045	-0.004	0.013	0.018	-0.044	-0.058	0.045	-0.004	0.019	0.029*	0.148*	0.174	0.045	-0.004
	(0.015)	(0.015)	(0.046)	(0.045)	(0.035)	(0.037)	(0.037)	(0.038)	(0.061)	(0.061)	(0.035)	(0.037)	(0.015)	(0.015)	(0.088)	(0.037)	(0.035)	(0.037)
AlphaFold - Method × Counterfactual No AI - Method	-0.003*	-0.002**	-0.001	0.0010	-0.0004	-0.001	-0.002	0.008	0.014	-0.002	-0.009	-0.001	-0.003*	-0.002*	-0.003	-0.0009*	-0.0004	-0.001
	(0.001)	(0.001)	(0.005)	(0.006)	(0.0006)	(0.0006)	(0.002)	(0.002)	(0.009)	(0.011)	(0.0006)	(0.0006)	(0.001)	(0.001)	(0.005)	(0.005)	(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	107,662	107,662	10,281	10,281	78,819	78,819	33,010	33,010	4,824	4,824	78,819	78,819	45,023	45,023	3,079	3,079	78,819	78,819
R²	0.57	0.57	0.60	0.60	0.53	0.53	0.59	0.59	0.60	0.60	0.53	0.53	0.61	0.61	0.72	0.72	0.53	0.53
Mean(Dep. Var.)	2.502	2.502	2.682	2.682	2.276	2.276	2.424	2.424	2.567	2.567	2.276	2.276	2.623	2.623	3.020	3.020	2.276	2.276

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

Dependent Variable: ln1p_cit_1

	All Fields		High PDB	
	All PDB			
Variables	Extensive	Intensive	Extensive	Intensive
AlphaFold	0.019*	0.003*	0.068**	0.009**
	(0.010)	(0.002)	(0.029)	(0.004)
Counterfactual AI	-0.00009	-0.0002	0.004	0.005
	(0.012)	(0.004)	(0.037)	(0.013)
Counterfactual No AI	0.035**	0.003	0.033	-0.002
	(0.014)	(0.002)	(0.039)	(0.004)
AlphaFold - Method	0.003	0.001	-0.006	-0.007
	(0.003)	(0.003)	(0.009)	(0.009)
Counterfactual AI - Method	0.013	0.012	0.074	0.065
	(0.022)	(0.023)	(0.048)	(0.048)
Counterfactual No AI - Method	0.005	0.005	-0.012	-0.006
	(0.008)	(0.007)	(0.011)	(0.010)
field_agricultural_and_biological_sciences	1.11**	1.11**	5.60**	5.72**
	(0.517)	(0.518)	(2.23)	(2.23)
field_arts_and_humanities	-9.46**	-9.60**	8.79	9.30
	(3.77)	(3.77)	(6.92)	(6.84)
field_biochemistry_genetics_and_molecular_biology	-2.05***	-2.05***	-1.91**	-1.98**
	(0.557)	(0.554)	(0.767)	(0.746)
field_business_management_and_accounting	1.99	1.96	0.350	0.761
	(4.70)	(4.70)	(21.5)	(21.4)
field_chemical_engineering	0.921	0.989	-2.92	-4.33
	(2.93)	(2.93)	(10.7)	(10.5)
field_chemistry	-2.71***	-2.72***	-2.43	-2.51
	(0.673)	(0.671)	(2.26)	(2.23)
field_computer_science	1.14	1.16	-1.20	-1.29
	(1.29)	(1.28)	(3.35)	(3.33)
field_decision_sciences	-1.05	-1.10	6.45	5.52
	(5.70)	(5.67)	(21.8)	(21.7)
field_dentistry	2.76*	2.78*	-5.44	-6.09
	(1.43)	(1.43)	(4.36)	(4.18)
field_earth_and_planetary_sciences	-1.73**	-1.71**	-1.09	-1.05
	(0.782)	(0.780)	(4.76)	(4.70)
field_economics_econometrics_and_finance	0.421	0.414	-8.39	-8.22
	(3.36)	(3.36)	(16.7)	(16.7)
field_energy	-5.43***	-5.35***	-10.6***	-10.4***
	(1.64)	(1.65)	(3.58)	(3.45)
field_engineering	-2.87***	-2.87***	-3.77	-3.73
	(0.558)	(0.559)	(3.15)	(3.13)
field_environmental_science	-1.38*	-1.39*	2.29	2.35
	(0.714)	(0.714)	(3.91)	(3.89)
field_health_professions	-7.60***	-7.63***	-11.8	-11.9
	(1.57)	(1.56)	(14.5)	(14.6)
field_immunology_and_microbiology	-3.44***	-3.44***	-5.56**	-4.67**
	(0.542)	(0.545)	(1.75)	(1.72)
field_materials_science	-0.070	-0.050	-1.87	-1.86
	(0.422)	(0.420)	(1.21)	(1.23)
field_mathematics	1.46	1.65	3.83	3.86
	(2.28)	(2.26)	(13.7)	(13.5)
field_medicine	-0.356	-0.316	2.15***	2.21***
	(0.337)	(0.332)	(0.551)	(0.547)
field_neuroscience	-2.55***	-2.56***	1.75	1.74
	(0.863)	(0.866)	(2.23)	(2.23)
field_nursing	-2.59*	-2.62*	-3.10	-3.13
	(1.46)	(1.46)	(5.14)	(5.17)
field_pharmacology_toxicology_and_pharmaceutics	0.174	0.180	-2.40	-2.34
	(1.34)	(1.35)	(6.37)	(6.36)
field_physics_and_astronomy	-2.13*	-2.16*	0.719	0.606
	(1.17)	(1.16)	(2.43)	(2.43)
field_psychology	-0.603	-0.556	-6.93	-6.48
	(2.05)	(2.07)	(7.51)	(7.58)
field_social_sciences	2.92	3.10	6.48	5.94
	(2.20)	(2.19)	(7.03)	(6.80)
field_veterinary	3.60	3.51	19.6	19.9
	(2.32)	(2.34)	(12.7)	(12.7)
mesh_	26.7***	26.9***	75.9***	75.1***
	(7.49)	(7.59)	(23.1)	(22.3)
mesh_A	3.76***	3.76***	5.76***	5.75***
	(0.403)	(0.400)	(2.06)	(2.05)
mesh_B	3.63***	3.66***	5.24***	5.29***
	(0.401)	(0.406)	(1.85)	(1.85)
mesh_C	2.18***	2.17***	5.94***	5.96***
	(0.464)	(0.464)	(1.96)	(1.95)
mesh_D	1.25***	1.25***	1.70***	1.66***
	(0.181)	(0.181)	(0.606)	(0.603)
mesh_E	-0.057	-0.053	0.218	0.325
	(0.477)	(0.476)	(2.61)	(2.61)
mesh_F	3.18**	3.16**	0.680	0.777
	(1.21)	(1.21)	(9.49)	(9.44)
mesh_G	3.05***	3.02***	1.20	1.23
	(0.348)	(0.347)	(1.31)	(1.31)
mesh_H	4.01***	4.01***	19.5**	19.5**
	(1.46)	(1.46)	(8.94)	(8.79)
mesh_I	1.69	1.74	-2.71	-2.65
	(2.58)	(2.61)	(18.3)	(18.5)
mesh_J	1.89***	1.89***	10.2***	10.0***
	(0.482)	(0.481)	(4.19)	(4.12)
mesh_K	2.89	3.06	-58.7	-55.1
	(3.05)	(3.06)	(38.7)	(38.8)
mesh_L	8.03***	8.06***	14.4**	14.6**
	(1.35)	(1.36)	(5.25)	(5.28)
mesh_M	5.49***	5.49***	17.5***	17.6***
	(0.840)	(0.844)	(3.72)	(3.73)
mesh_N	5.49***	5.49***	6.38	6.35
	(0.583)	(0.584)	(6.09)	(6.08)
mesh_Z	2.01	2.02	2.61	1.92
	(1.25)	(1.25)	(14.3)	(14.4)
mesh_n	9.52***	9.54***	23.4	22.7
	(1.00)	(1.00)	(7.73)	(7.81)
AlphaFold × Counterfactual AI	0.009	0.005	0.011***	0.006
	(0.022)	(0.002)	(0.042)	(0.003)
AlphaFold × Counterfactual No AI	0.011	-0.0002*	-0.031	-0.0003*
	(0.021)	(0.002)	(0.069)	(0.0004)
AlphaFold - Method × Counterfactual AI - Method	-0.016	-0.003	-0.015	-0.025
	(0.012)	(0.012)	(0.032)	(0.032)
AlphaFold - Method × Counterfactual No AI - Method	-0.002**	-0.001**	-0.003	-0.003
	(0.0005)	(0.0005)	(0.002)	(0.003)

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	106,848	106,848	10,226	10,226
R²	0.28	0.28	0.32	0.32
Mean(Dep. Var.)	1.181	1.181	1.303	1.303

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

2

Dependent Variable: ln1p_patent_count

Left table

	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	0.002	-0.003	0.028	0.0001	-0.019***	-0.003	0.010	-0.001	0.035	0.004	-0.019***	-0.003	0.001	-0.006*	0.006	-0.015	-0.019***	-0.003
	(0.007)	(0.002)	(0.023)	(0.006)	(0.006)	(0.002)	(0.009)	(0.002)	(0.029)	(0.006)	(0.006)	(0.002)	(0.014)	(0.003)	(0.057)	(0.013)	(0.006)	(0.002)
Counterfactual AI	-0.017	-0.011**	-0.075*	-0.017	-0.017	-0.008*	-0.017	-0.011	-0.081	-0.020	-0.017	-0.008*	-0.013	-0.011	-0.025	-0.020	-0.017	-0.008*
	(0.011)	(0.005)	(0.044)	(0.016)	(0.014)	(0.004)	(0.017)	(0.007)	(0.057)	(0.017)	(0.014)	(0.004)	(0.018)	(0.008)	(0.096)	(0.021)	(0.014)	(0.004)
Counterfactual No AI	0.023	-0.007***	-0.006	-0.017***	-0.002	-0.004	-0.003	-0.007**	-0.049	-0.015**	-0.002	-0.004	0.050*	-0.007**	0.046	-0.016**	-0.002	-0.004
	(0.017)	(0.002)	(0.038)	(0.006)	(0.011)	(0.003)	(0.013)	(0.003)	(0.029)	(0.007)	(0.011)	(0.003)	(0.027)	(0.003)	(0.069)	(0.007)	(0.011)	(0.003)
AlphaFold - Method	-0.015***	-0.010***	-0.054***	-0.043***	-0.003	0.00005	-0.0006	-0.001	-0.018*	-0.022*	-0.003	0.00005	-0.025***	-0.013***	-0.068***	-0.044***	-0.003	0.00005
	(0.004)	(0.003)	(0.009)	(0.009)	(0.003)	(0.002)	(0.004)	(0.004)	(0.009)	(0.011)	(0.003)	(0.002)	(0.005)	(0.005)	(0.012)	(0.016)	(0.003)	(0.002)
Counterfactual AI - Method	0.006	0.009	0.044	0.048	-0.002	0.002	0.003	0.005	0.010	0.016	-0.002	0.002	0.031	0.033	0.093	0.092	-0.002	0.002
	(0.013)	(0.013)	(0.046)	(0.044)	(0.006)	(0.006)	(0.016)	(0.015)	(0.052)	(0.050)	(0.006)	(0.006)	(0.030)	(0.030)	(0.141)	(0.134)	(0.006)	(0.006)
Counterfactual No AI - Method	-0.015	-0.0003	-0.032	-0.0002	-0.004	0.001	-0.002	-0.0005	-0.004	-0.003	-0.004	0.001	-0.026*	-0.006	-0.036	0.0005	-0.004	0.001
	(0.010)	(0.009)	(0.020)	(0.017)	(0.008)	(0.007)	(0.008)	(0.008)	(0.027)	(0.027)	(0.008)	(0.007)	(0.015)	(0.012)	(0.025)	(0.020)	(0.008)	(0.007)
field_agricultural_and_biological_sciences	0.695**	0.661**	4.40*	4.51*	0.564*	0.566*	0.581	0.540	-0.497	-0.681	0.564*	0.566*	5.73***	5.87***	21.1**	22.0**	0.564*	0.566*
	(0.314)	(0.308)	(2.27)	(2.29)	(0.291)	(0.291)	(0.693)	(0.695)	(5.00)	(5.00)	(0.291)	(0.291)	(1.95)	(1.97)	(9.62)	(9.51)	(0.291)	(0.291)
field_arts_and_humanities	-1.77	-1.76	1.38	1.57	-1.05	-1.05	13.4	13.3	81.9	84.2	-1.05	-1.05	-8.47*	-8.34*	-56.5	-68.3	-1.05	-1.05
	(1.81)	(1.80)	(5.52)	(5.60)	(1.77)	(1.77)	(12.4)	(12.4)	(57.7)	(56.9)	(1.77)	(1.77)	(4.76)	(4.81)	(82.6)	(87.3)	(1.77)	(1.77)
field_biochemistry_genetics_and_molecular_biology	0.654	0.616	0.811	0.673	0.660*	0.657*	0.941***	0.929***	1.67**	1.65**	0.660*	0.657*	-0.471	-0.590	1.19	0.912	0.660*	0.657*
	(0.449)	(0.452)	(0.786)	(0.825)	(0.343)	(0.344)	(0.282)	(0.282)	(0.703)	(0.692)	(0.343)	(0.344)	(0.367)	(0.371)	(2.48)	(2.46)	(0.343)	(0.344)
field_business_management_and_accounting	5.83**	5.69**	3.59	4.53	5.58	5.60	16.4	16.0	-3.19	-2.96	5.58	5.60	5.22	5.06	117.9	115.7	5.58	5.60
	(2.72)	(2.73)	(17.7)	(17.6)	(3.99)	(3.98)	(9.94)	(9.91)	(20.0)	(20.4)	(3.99)	(3.98)	(4.73)	(4.79)	(113.4)	(111.6)	(3.99)	(3.98)
field_chemical_engineering	4.87*	4.83*	17.3	15.6	0.394	0.339	10.1	10.1	30.6	29.0	0.394	0.339	9.09	8.99	-26.5	-34.7	0.394	0.339
	(2.57)	(2.59)	(18.3)	(18.4)	(2.01)	(2.01)	(6.41)	(6.36)	(30.8)	(30.9)	(2.01)	(2.01)	(9.18)	(9.24)	(36.4)	(36.0)	(2.01)	(2.01)
field_chemistry	0.746	0.707	2.64*	2.66*	1.25**	1.25**	0.227	0.241	2.84	2.83	1.25**	1.25**	2.59	2.30	10.7	10.3	1.25**	1.25**
	(0.449)	(0.452)	(1.52)	(1.50)	(0.496)	(0.495)	(0.887)	(0.883)	(2.62)	(2.64)	(0.496)	(0.495)	(2.13)	(2.13)	(7.21)	(7.18)	(0.496)	(0.495)
field_computer_science	2.63**	2.54**	3.30	2.95	2.46**	2.44**	2.62	2.63	4.38	4.23	2.46**	2.44**	3.91	3.58	5.32	5.04	2.46**	2.44**
	(0.962)	(0.953)	(2.80)	(2.83)	(0.946)	(0.948)	(1.67)	(1.66)	(5.51)	(5.58)	(0.946)	(0.948)	(2.42)	(2.40)	(6.77)	(6.60)	(0.946)	(0.948)
field_decision_sciences	0.074	0.165	31.1	29.4	-0.575	-0.566	-0.038	0.425	18.7	19.2	-0.575	-0.566	1.34	1.71	50.9	46.8	-0.575	-0.566
	(2.29)	(2.30)	(21.5)	(21.6)	(1.30)	(1.31)	(6.65)	(6.69)	(33.7)	(33.7)	(1.30)	(1.31)	(4.48)	(4.44)	(76.8)	(76.8)	(1.30)	(1.31)
field_dentistry	0.494	0.575	-13.4**	-14.0**	-2.57**	-2.55**	0.717	0.807	-6.18	-6.96	-2.57**	-2.55**	1.79	2.28	-60.8*	-58.4*	-2.57**	-2.55**
	(0.849)	(0.860)	(5.67)	(5.73)	(0.985)	(0.987)	(2.63)	(2.65)	(7.17)	(7.45)	(0.985)	(0.987)	(2.33)	(2.45)	(32.4)	(33.9)	(0.985)	(0.987)
field_earth_and_planetary_sciences	0.254	0.285	6.85	7.14	0.149	0.141	-0.451	-0.477	25.1**	25.2**	0.149	0.141	-5.45	-4.74	-18.6	-20.5	0.149	0.141
	(0.561)	(0.561)	(7.50)	(7.40)	(0.859)	(0.863)	(3.62)	(3.61)	(10.5)	(10.3)	(0.859)	(0.863)	(4.84)	(5.03)	(23.4)	(25.6)	(0.859)	(0.863)
field_economics_econometrics_and_finance	-0.506	-0.686	-12.1	-12.2	-5.73*	-5.70*	-7.32	-7.07	-46.2*	-46.7*	-5.73*	-5.70*	0.434	0.331	-12.2	-11.9	-5.73*	-5.70*
	(1.23)	(1.24)	(15.1)	(15.0)	(2.92)	(2.90)	(4.70)	(4.73)	(23.9)	(24.6)	(2.92)	(2.90)	(2.88)	(2.95)	(26.5)	(25.8)	(2.92)	(2.90)
field_energy	2.31**	2.23**	3.60	3.28	1.50	1.51	3.99*	3.97*	5.97	5.69	1.50	1.51	-4.95	-5.64	-16.3	-18.3	1.50	1.51
	(1.02)	(1.02)	(4.61)	(4.63)	(1.21)	(1.21)	(2.26)	(2.29)	(5.08)	(5.16)	(1.21)	(1.21)	(5.94)	(6.05)	(41.6)	(42.3)	(1.21)	(1.21)
field_engineering	1.66***	1.65***	1.63	1.54	1.42*	1.42*	1.94*	1.94*	-1.10	-1.19	1.42*	1.42*	1.81	1.90	-9.64	-10.1	1.42*	1.42*
	(0.446)	(0.449)	(2.92)	(2.92)	(0.795)	(0.794)	(1.01)	(1.03)	(4.38)	(4.37)	(0.795)	(0.794)	(1.32)	(1.33)	(9.46)	(9.68)	(0.795)	(0.794)
field_environmental_science	0.650*	0.601*	3.99	3.90	0.296	0.301	0.763	0.716	8.25**	8.17**	0.296	0.301	1.95	1.88	-5.55	-6.17	0.296	0.301
	(0.326)	(0.320)	(2.56)	(2.56)	(0.445)	(0.447)	(0.862)	(0.863)	(3.62)	(3.60)	(0.445)	(0.447)	(2.17)	(2.16)	(10.4)	(10.2)	(0.445)	(0.447)
field_health_professions	-0.431	-0.461	-2.04	-2.40	1.77	1.77	3.50	3.27	-15.7	-16.5	1.77	1.77	-1.05	-1.13	-1.34	-1.64	1.77	1.77
	(0.787)	(0.788)	(7.56)	(7.38)	(1.28)	(1.29)	(3.03)	(3.06)	(21.6)	(21.3)	(1.28)	(1.29)	(1.33)	(1.33)	(15.9)	(15.7)	(1.28)	(1.29)
field_immunology_and_microbiology	0.406	0.363	1.71	1.56	1.53*	1.52*	0.820	0.801	1.82	1.97	1.53*	1.52*	-0.021	-0.095	3.78	3.73	1.53*	1.52*
	(0.582)	(0.575)	(2.26)	(2.22)	(0.787)	(0.786)	(0.838)	(0.834)	(2.92)	(2.91)	(0.787)	(0.786)	(0.729)	(0.731)	(3.67)	(3.42)	(0.787)	(0.786)
field_materials_science	0.546**	0.518**	-0.558	-0.604	0.160	0.160	0.871	0.845	-1.71	-1.78	0.160	0.160	0.055	0.041	-4.28	-3.65	0.160	0.160
	(0.243)	(0.240)	(1.03)	(1.01)	(0.327)	(0.327)	(1.04)	(1.05)	(3.52)	(3.51)	(0.327)	(0.327)	(1.90)	(1.87)	(11.1)	(11.4)	(0.327)	(0.327)
field_mathematics	7.63***	8.05***	11.0	12.9	8.85**	8.89**	-0.971	-0.981	25.8	27.0	8.85**	8.89**	10.3***	11.4***	10.2	12.0	8.85**	8.89**
	(1.72)	(1.72)	(14.0)	(14.0)	(3.93)	(3.93)	(3.58)	(3.59)	(39.1)	(39.1)	(3.93)	(3.93)	(2.36)	(2.36)	(19.0)	(19.2)	(3.93)	(3.93)
field_medicine	1.77***	1.80***	6.02***	5.98***	1.51**	1.52**	0.929**	0.920**	2.53	2.41	1.51**	1.52**	1.70***	1.73***	4.10**	4.14**	1.51**	1.52**
	(0.577)	(0.581)	(1.45)	(1.47)	(0.589)	(0.590)	(0.352)	(0.352)	(1.81)	(1.81)	(0.589)	(0.590)	(0.403)	(0.406)	(1.63)	(1.60)	(0.589)	(0.590)
field_neuroscience	0.548	0.522	-0.507	-0.475	0.014	0.009	-0.559	-0.591	0.793	0.928	0.014	0.009	0.274	0.153	-8.44	-8.29	0.014	0.009
	(0.364)	(0.361)	(2.18)	(2.14)	(0.498)	(0.499)	(0.959)	(0.959)	(4.36)	(4.37)	(0.498)	(0.499)	(1.14)	(1.11)	(10.4)	(10.4)	(0.498)	(0.499)
field_nursing	-1.07	-1.09	-5.83	-6.06	-1.41*	-1.42*	-0.928	-1.06	-2.16	-1.90	-1.41*	-1.42*	-2.32	-2.37	-16.6	-17.3	-1.41*	-1.42*
	(0.830)	(0.831)	(4.19)	(4.17)	(0.715)	(0.715)	(2.04)	(2.03)	(5.29)	(5.20)	(0.715)	(0.715)	(1.63)	(1.60)	(11.5)	(11.3)	(0.715)	(0.715)
field_pharmacology_toxicology_and_pharmaceutics	-0.962	-0.986*	-4.16	-3.92	-0.218	-0.184	-1.64	-1.69	-5.22	-5.23	-0.218	-0.184	-5.27**	-5.75**	-9.54	-9.14	-0.218	-0.184
	(0.577)	(0.580)	(3.81)	(3.74)	(0.913)	(0.910)	(1.24)	(1.23)	(7.65)	(7.63)	(0.913)	(0.910)	(2.13)	(2.16)	(7.30)	(7.33)	(0.913)	(0.910)
field_physics_and_astronomy	-0.290	-0.354	-1.89	-2.13	0.409	0.394	-0.383	-0.449	0.428	1.02	0.409	0.394	-0.622	-1.29	-15.2	-19.7	0.409	0.394
	(0.504)	(0.508)	(2.98)	(2.96)	(0.562)	(0.566)	(2.24)	(2.25)	(6.12)	(6.03)	(0.562)	(0.566)	(3.29)	(3.24)	(34.1)	(35.5)	(0.562)	(0.566)
field_psychology	0.357	0.388	0.286	0.147	1.90	1.93	-1.12	-1.26	-7.85	-8.06	1.90	1.93	-0.299	-0.174	-3.30	-2.12	1.90	1.93
	(0.822)	(0.831)	(7.29)	(7.14)	(1.29)	(1.29)	(3.62)	(3.59)	(10.8)	(10.7)	(1.29)	(1.29)	(1.46)	(1.41)	(24.0)	(23.8)	(1.29)	(1.29)
field_social_sciences	2.24**	2.51**	-2.81	-2.55	-0.673	-0.657	1.31	1.30	1.17	0.919	-0.673	-0.657	3.07*	3.69**	4.50	5.57	-0.673	-0.657
	(0.998)	(0.998)	(4.78)	(5.05)	(1.59)	(1.60)	(3.31)	(3.31)	(10.2)	(10.0)	(1.59)	(1.60)	(1.76)	(1.80)	(14.5)	(15.4)	(1.59)	(1.60)
field_veterinary	-1.17	-1.12	-15.8**	-15.5**	-3.82**	-3.75**	2.45	2.83	-30.7**	-30.4**	-3.82**	-3.75**	-5.81	-5.85	-35.1	-33.0	-3.82**	-3.75**
	(1.40)	(1.39)	(7.67)	(7.53)	(1.67)	(1.67)	(5.49)	(5.41)	(14.2)	(14.3)	(1.67)	(1.67)	(4.42)	(4.43)	(26.7)	(26.5)	(1.67)	(1.67)
mesh_	16.9**	17.0**	140.9***	138.9***	13.6**	13.6**	35.6***	35.0***	144.0*	142.6*	13.6**	13.6**	28.1**	28.7**	223.4**	230.2**	13.6**	13.6**
	(6.85)	(6.92)	(49.8)	(49.4)	(5.34)	(5.35)	(11.8)	(11.8)	(71.1)	(70.5)	(5.34)	(5.35)	(11.8)	(12.0)	(94.7)	(93.9)	(5.34)	(5.35)
mesh_A	1.42***	1.42***	-0.631	-0.620	0.874***	0.870**	1.24**	1.25**	1.62	1.67	0.874***	0.870**	1.82**	1.85**	-0.034	-0.163	0.874***	0.870**
	(0.256)	(0.258)	(1.80)	(1.81)	(0.319)	(0.319)	(0.478)	(0.480)	(2.33)	(2.33)	(0.319)	(0.319)	(0.752)	(0.758)	(4.64)	(4.64)	(0.319)	(0.319)
mesh_B	1.84***	1.86***	7.50***	7.68***	2.41***	2.41***	1.62**	1.62**	3.06	3.11	2.41***	2.41***	7.44***	7.41***	15.7***	15.4***	2.41***	2.41***
	(0.347)	(0.350)	(1.92)	(1.91)	(0.368)	(0.369)	(0.707)	(0.707)	(2.61)	(2.61)	(0.368)	(0.369)	(1.18)	(1.18)	(4.98)	(5.01)	(0.368)	(0.369)
mesh_C	1.02***	0.998***	5.97**	5.91**	1.08***	1.08***	1.22***	1.20***	6.36*	6.46*	1.08***	1.08***	-0.134	-0.191	2.65	2.84	1.08***	1.08***
	(0.300)	(0.301)	(2.72)	(2.70)	(0.341)	(0.340)	(0.424)	(0.420)	(3.28)	(3.26)	(0.341)	(0.340)	(0.505)	(0.511)	(5.13)	(5.01)	(0.341)	(0.340)
mesh_D	0.942***	0.952***	1.76***	1.77***	0.695***	0.700***	0.335	0.334	0.766	0.733	0.695***	0.700***	2.45***	2.49***	3.19	3.30	0.695***	0.700***
	(0.125)	(0.126)	(0.559)	(0.559)	(0.163)	(0.164)	(0.210)	(0.210)	(0.675)	(0.675)	(0.163)	(0.164)	(0.325)	(0.324)	(0.558)	(0.557)	(0.163)	(0.164)
mesh_E	2.47***	2.48***	8.47***	8.63***	3.74***	3.74***	4.34***	4.29***	7.81**	7.70**	3.74***	3.74***	3.81***	3.81***	19.3**	20.5**	3.74***	3.74***
	(0.384)	(0.382)	(2.39)	(2.38)	(0.446)	(0.445)	(0.980)	(0.982)	(3.02)	(3.02)	(0.446)	(0.445)	(0.785)	(0.776)	(8.14)	(8.25)	(0.446)	(0.445)
mesh_F	0.291	0.311	-2.47	-1.76	0.490	0.497	1.38	1.49	-0.526	-0.025	0.490	0.497	-0.224	-0.263	-0.490	1.19	0.490	0.497
	(0.523)	(0.517)	(7.00)	(7.04)	(0.681)	(0.680)	(1.47)	(1.46)	(8.99)	(9.07)	(0.681)	(0.680)	(1.25)	(1.27)	(19.7)	(19.7)	(0.681)	(0.680)
mesh_G	0.824***	0.867***	-0.912	-0.724	0.382	0.383	1.63***	1.65***	1.24	1.21	0.382	0.383	2.48***	2.61***	-2.91	-2.13	0.382	0.383
	(0.255)	(0.255)	(1.16)	(1.15)	(0.280)	(0.280)	(0.489)	(0.485)	(1.50)	(1.50)	(0.280)	(0.280)	(0.791)	(0.797)	(5.10)	(5.22)	(0.280)	(0.280)
mesh_H	-0.619	-0.614	5.01	4.77	0.526	0.536	1.13	1.13	2.40	2.22	0.526	0.536	-1.86	-1.80	5.29	5.17	0.526	0.536
	(0.827)	(0.819)	(6.70)	(6.49)	(0.954)	(0.951)	(1.89)	(1.90)	(5.65)	(5.47)	(0.954)	(0.951)	(2.30)	(2.26)	(29.6)	(28.6)	(0.954)	(0.951)
mesh_I	0.772	0.693	-46.4***	-48.3***	4.31	4.28	6.51	6.61	-52.7	-51.5	4.31	4.28	-1.53	-1.87	-41.1	-42.3	4.31	4.28
	(1.58)	(1.57)	(15.6)	(15.5)	(2.95)	(2.93)	(7.58)	(7.57)	(70.8)	(71.1)	(2.95)	(2.93)	(2.82)	(2.82)	(30.5)	(29.1)	(2.95)	(2.93)
mesh_J	0.223	0.220	9.07**	8.95**	0.125	0.129	1.26	1.26	9.64	9.80	0.125	0.129	-2.94	-3.01	-3.70	-3.91	0.125	0.129
	(0.305)	(0.305)	(3.91)	(4.00)	(0.428)	(0.429)	(1.23)	(1.24)	(7.70)	(7.66)	(0.428)	(0.429)	(1.90)	(1.85)	(13.3)	(13.0)	(0.428)	(0.429)
mesh_K	0.283	0.232	-37.6	-38.1	-9.17*	-9.14*	-8.10	-8.09	-43.2	-42.3	-9.17*	-9.14*	1.61	-0.088	99.1	76.1	-9.17*	-9.14*
	(1.87)	(1.88)	(36.7)	(36.4)	(4.92)	(4.91)	(7.67)	(7.66)	(49.9)	(50.5)	(4.92)	(4.91)	(10.2)	(10.4)	(262.6)	(261.9)	(4.92)	(4.91)
mesh_L	2.72***	2.73***	0.847	0.805	1.93***	1.93***	4.67***	4.63***	8.58*	8.51*	1.93***	1.93***	2.06	2.29	-11.6	-11.8	1.93***	1.93***
	(0.886)	(0.884)	(2.91)	(2.86)	(0.736)	(0.740)	(1.58)	(1.57)	(4.58)	(4.57)	(0.736)	(0.740)	(2.00)	(1.99)	(18.4)	(18.5)	(0.736)	(0.740)
mesh_M	1.24**	1.24**	0.807	1.42	-0.274	-0.289	-0.799	-0.828	-13.9	-14.7	-0.274	-0.289	1.33	1.45	4.51	5.28	-0.274	-0.289
	(0.610)	(0.598)	(6.65)	(6.59)	(0.816)	(0.816)	(1.91)	(1.89)	(39.0)	(38.0)	(0.816)	(0.816)	(0.939)	(0.945)	(13.0)	(13.1)	(0.816)	(0.816)
mesh_N	0.082	0.099	4.99	5.12	0.521	0.524	1.42	1.40	5.06	4.95	0.521	0.524	-0.196	-0.082	4.57	4.89	0.521	0.524
	(0.283)	(0.280)	(6.12)	(6.02)	(0.564)	(0.564)	(0.832)	(0.834)	(4.70)	(4.64)	(0.564)	(0.564)	(0.470)	(0.477)	(9.77)	(9.67)	(0.564)	(0.564)
mesh_Z	-3.11***	-3.12***	-34.4**	-34.8**	-2.79**	-2.79**	-5.62**	-5.86**	9.29	8.60	-2.79**	-2.79**	-4.04**	-4.20**	-49.2*	-54.2*	-2.79**	-2.79**
	(0.710)	(0.700)	(15.6)	(15.9)	(1.30)	(1.30)	(2.64)	(2.64)	(41.7)	(42.1)	(1.30)	(1.30)	(1.52)	(1.53)	(28.9)	(28.7)	(1.30)	(1.30)
mesh_n	0.371	0.451	22.4***	22.2***	1.74	1.75	0.594	0.655	21.2	22.2	1.74	1.75	-0.184	-0.038	11.6	13.8	1.74	1.75
	(0.953)	(0.951)	(7.63)	(7.62)	(1.58)	(1.57)	(2.43)	(2.46)	(13.5)	(13.6)	(1.58)	(1.57)	(2.29)	(2.27)	(14.8)	(14.0)	(1.58)	(1.57)
AlphaFold × Counterfactual AI	-0.036**	-0.0002	0.021	-0.004	-0.007	-0.00002	-0.038	-0.001	-0.020	-0.006	-0.007	-0.00002	0.001	0.056	0.017	-0.002	-0.007	-0.00002
	(0.018)	(0.006)	(0.072)	(0.001)	(0.009)	(0.001)	(0.031)	(0.001)	(0.075)	(0.002)	(0.009)	(0.001)	(0.035)	(0.001)	(0.178)	(0.003)	(0.009)	(0.001)
AlphaFold × Counterfactual No AI	-0.091***	0.0004	-0.237	-0.00009	-0.062**	-0.0002	0.071***	0.0003**	-0.121	-0.0004	-0.062**	-0.0002	-0.107***	-0.0001	-0.274	-0.0002	-0.062**	-0.0002
	(0.027)	(0.0003)	(0.176)	(0.0002)	(0.025)	(0.0002)	(0.024)	(0.0001)	(0.064)	(0.0004)	(0.025)	(0.0002)	(0.038)	(0.0001)	(0.092)	(0.0003)	(0.025)	(0.0002)
AlphaFold - Method × Counterfactual AI - Method	0.008	0.008	0.010	0.018	0.027***	0.029**	-0.001	-0.003	0.011	0.024	0.027***	0.029**	0.012	0.015	0.077	0.025	0.027***	0.029**
	(0.008)	(0.008)	(0.022)	(0.022)	(0.010)	(0.009)	(0.007)	(0.007)	(0.025)	(0.025)	(0.010)	(0.009)	(0.010)	(0.010)	(0.075)	(0.069)	(0.010)	(0.009)
AlphaFold - Method × Counterfactual No AI - Method	0.0004	-0.0003	0.0008	0.0008	0.005	0.0001	0.0005	0.0004	0.004	0.002	0.005	0.0001	0.002	-0.001	0.005	-0.004	0.005	0.0001
	(0.001)	(0.001)	(0.004)	(0.004)	(0.003)	(0.003)	(0.006)	(0.006)	(0.007)	(0.008)	(0.003)	(0.003)	(0.002)	(0.001)	(0.004)	(0.004)	(0.003)	(0.003)

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	107,662	107,662	10,281	10,281	78,819	78,819	33,010	33,010	4,824	4,824	78,819	78,819	45,023	45,023	3,079	3,079	78,819	78,819
R²	0.28	0.28	0.39	0.40	0.23	0.23	0.31	0.32	0.37	0.37	0.23	0.23	0.33	0.34	0.47	0.51	0.23	0.23
Mean(Dep. Var.)	0.160	0.160	0.353	0.353	0.149	0.149	0.167	0.167	0.267	0.267	0.149	0.149	0.186	0.186	0.530	0.530	0.149	0.149

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

Right table

	All Fields			
	All PDB		High PDB	
Variables	Extensive	Intensive	Extensive	Intensive
AlphaFold	0.0009	-0.002	0.010	0.002
	(0.006)	(0.002)	(0.022)	(0.005)
Counterfactual AI	-0.014	-0.008**	-0.076*	-0.017
	(0.010)	(0.004)	(0.043)	(0.016)
Counterfactual No AI	0.002	-0.010***	-0.005	-0.021**
	(0.015)	(0.003)	(0.042)	(0.006)
AlphaFold - Method	-0.012**	-0.007**	-0.044***	-0.035**
	(0.004)	(0.004)	(0.010)	(0.008)
Counterfactual AI - Method	0.013	0.016*	0.052	0.053
	(0.010)	(0.009)	(0.045)	(0.041)
Counterfactual No AI - Method	-0.018	-0.001	-0.042*	-0.004
	(0.011)	(0.009)	(0.023)	(0.018)
field_agricultural_and_biological_sciences	0.856***	0.828***	7.02**	7.12**
	(0.304)	(0.297)	(2.66)	(2.70)
field_arts_and_humanities	-1.07	-1.09	5.79	5.82
	(1.36)	(1.35)	(6.25)	(6.25)
field_biochemistry_genetics_and_molecular_biology	0.230	0.191	0.021	-0.113
	(0.291)	(0.294)	(0.788)	(0.803)
field_business_management_and_accounting	2.89	2.88)	(26.0)	(26.0)
	(2.80)	(2.85)		
field_chemical_engineering	4.36	4.29	14.1	12.7
	(2.98)	(2.99)	(16.2)	(16.1)
field_chemistry	0.603	0.573	-0.662	-0.657
	(0.496)	(0.502)	(1.50)	(1.48)
field_computer_science	1.64*	1.54*	-0.141	-0.453
	(0.916)	(0.909)	(2.56)	(2.59)
field_decision_sciences	0.061	0.103	32.9	30.9
	(1.75)	(1.78)	(27.6)	(28.0)
field_dentistry	-0.391	-0.269	-12.5**	-12.7**
	(0.681)	(0.694)	(4.99)	(5.11)
field_earth_and_planetary_sciences	-0.270	-0.234	2.24	2.31
	(0.493)	(0.485)	(8.13)	(8.04)
field_economics_econometrics_and_finance	1.96	1.77	-12.1	-12.5
	(2.08)	(2.01)	(11.1)	(11.2)
field_energy	1.43	1.35	2.27	1.81
	(0.874)	(0.872)	(3.22)	(3.20)
field_engineering	1.17***	1.15***	1.01	0.934
	(0.327)	(0.331)	(2.14)	(2.10)
field_environmental_science	0.425	0.377	4.07	3.94
	(0.304)	(0.299)	(3.17)	(3.16)
field_health_professions	-0.275	-0.338	0.211	0.168
	(0.687)	(0.692)	(7.60)	(7.51)
field_immunology_and_microbiology	0.011	-0.019	0.556	0.458
	(0.471)	(0.460)	(2.28)	(2.25)
field_materials_science	0.338	0.299	-0.241	-0.360
	(0.254)	(0.240)	(1.09)	(1.06)
field_mathematics	7.20**	7.60**	2.24	4.12
	(3.41)	(3.35)	(24.1)	(24.1)
field_medicine	1.42**	1.45***	5.55***	5.52***
	(0.523)	(0.528)	(1.73)	(1.74)
field_neuroscience	0.287	0.264	1.25	1.30
	(0.289)	(0.286)	(2.52)	(2.48)
field_nursing	-0.231	-0.254	-2.05	-2.41
	(0.581)	(0.580)	(3.71)	(3.76)
field_pharmacology_toxicology_and_pharmaceutics	-0.545	-0.576	-3.49	-3.35
	(0.591)	(0.584)	(4.71)	(4.67)
field_physics_and_astronomy	0.022	-0.047	-0.120	-0.218
	(0.312)	(0.307)	(3.10)	(3.08)
field_psychology	0.505	0.478	-2.83	-3.47
	(0.780)	(0.762)	(7.39)	(7.35)
field_social_sciences	-0.048	0.264	-5.93	-5.73
	(0.820)	(0.805)	(6.06)	(6.15)
field_veterinary	-1.27	-1.19	-9.44	-8.65
	(1.21)	(1.18)	(7.84)	(7.51)
mesh_	11.2*	11.2*	108.8**	107.6**
	(5.63)	(5.69)	(47.5)	(47.6)
mesh_A	0.697***	0.706***	-0.314	-0.363
	(0.204)	(0.205)	(1.50)	(1.50)
mesh_B	1.20***	1.22***	4.76**	4.92**
	(0.314)	(0.315)	(1.92)	(1.92)
mesh_C	0.915**	0.888**	6.90**	6.80**
	(0.431)	(0.432)	(3.11)	(3.06)
mesh_D	0.612***	0.622***	1.86***	1.88***
	(0.118)	(0.118)	(0.626)	(0.623)
mesh_E	1.69***	1.62***	6.48**	6.70**
	(0.358)	(0.357)	(2.60)	(2.62)
mesh_F	0.395	0.386	-4.21	-3.67
	(0.461)	(0.455)	(7.77)	(7.77)
mesh_G	0.522***	0.566***	-2.01*	-1.79
	(0.183)	(0.183)	(1.10)	(1.07)
mesh_H	-0.557	-0.543	5.30	4.82
	(0.814)	(0.806)	(5.12)	(4.94)
mesh_I	-0.313	-0.377	-17.7	-18.7
	(1.14)	(1.13)	(5.51)	(5.54)
mesh_J	0.005	0.013	4.08	3.89
	(0.221)	(0.223)	(3.67)	(3.72)
mesh_K	-0.134	-0.185	-18.2	-18.4
	(1.53)	(1.52)	(33.8)	(33.7)
mesh_L	2.15***	2.15***	1.92*	1.90*
	(0.781)	(0.779)	(1.14)	(1.13)
mesh_M	0.914	0.927	-0.096	0.536
	(0.508)	(0.500)	(6.03)	(5.98)
mesh_N	0.230	0.228	7.11	7.04
	(0.230)	(0.228)	(7.71)	(7.66)
mesh_Z	-1.65**	-1.84***	-25.9	-26.6
	(0.693)	(0.696)	(16.7)	(16.6)
mesh_n	-0.051	0.021	14.7	14.6
	(0.722)	(0.726)	(8.34)	(8.31)
AlphaFold × Counterfactual AI	-0.007	-0.0001	0.004	-0.0001
	(0.010)	(0.0005)	(0.001)	(0.0002)
AlphaFold × Counterfactual No AI	-0.083***	0.0002	-0.179	-0.0001
	(0.031)	(0.0004)	(0.140)	(0.0002)
AlphaFold - Method × Counterfactual AI - Method	0.004	0.003	0.021	0.028
	(0.005)	(0.005)	(0.024)	(0.024)
AlphaFold - Method × Counterfactual No AI - Method	0.004	-0.0004	0.008	-0.002
	(0.001)	(0.001)	(0.004)	(0.004)

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	107,662	107,662	10,281	10,281
R²	0.29	0.30	0.31	0.31
Mean(Dep. Var.)	0.095	0.095	0.235	0.235

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

3

Left table

Dependent Variable:	In lp_cs_count						Molecular Biology											
	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	0.029*** (0.009)	-0.002 (0.002)	0.071*** (0.022)	-0.0005 (0.005)	0.008 (0.006)	-0.0009 (0.0010)	0.006 (0.006)	-0.0002 (0.0005)	0.0004 (0.016)	-0.0003 (0.002)	0.008 (0.006)	-0.0009 (0.0010)	0.020 (0.016)	-0.008** (0.003)	0.123** (0.057)	-0.016 (0.013)	0.008 (0.006)	-0.0009 (0.0010)
Counterfactual AI	-0.024* (0.013)	-0.011** (0.005)	0.004 (0.033)	-0.007 (0.013)	-0.015 (0.010)	-0.011** (0.005)	-0.008 (0.006)	-0.001 (0.002)	0.004 (0.016)	0.007 (0.007)	-0.015 (0.010)	-0.011** (0.005)	-0.038 (0.025)	-0.017** (0.008)	-0.026 (0.086)	-0.054 (0.042)	-0.015 (0.010)	-0.011** (0.005)
Counterfactual No AI	0.149*** (0.039)	0.018*** (0.006)	0.233*** (0.056)	0.023*** (0.008)	0.045*** (0.015)	0.016** (0.006)	0.028** (0.012)	0.002 (0.001)	0.035 (0.025)	0.009 (0.006)	0.045*** (0.015)	0.016** (0.006)	0.154*** (0.040)	0.018** (0.007)	0.350*** (0.080)	0.020** (0.010)	0.045*** (0.015)	0.016** (0.006)
AlphaFold - Method	-0.010* (0.006)	-0.010** (0.005)	-0.013 (0.008)	-0.015* (0.008)	-0.003 (0.002)	-0.003 (0.002)	-0.0003 (0.001)	-0.0003 (0.002)	0.00006 (0.002)	0.0001 (0.003)	-0.003 (0.002)	-0.003 (0.002)	-0.016** (0.008)	-0.010* (0.005)	-0.025** (0.011)	-0.008 (0.019)	-0.003 (0.002)	-0.003 (0.002)
Counterfactual AI - Method	-0.015 (0.017)	-0.017 (0.016)	0.002 (0.031)	0.004 (0.022)	-0.0005 (0.004)	0.001 (0.005)	0.003 (0.007)	0.002 (0.007)	-0.006 (0.019)	-0.013 (0.021)	-0.0005 (0.004)	0.001 (0.005)	-0.037 (0.030)	-0.031 (0.065)	0.035 (0.046)	0.092* (0.004)	-0.0005 (0.004)	0.001 (0.005)
Counterfactual No AI - Method	0.043** (0.019)	0.026* (0.014)	0.089*** (0.032)	0.058** (0.025)	0.029* (0.015)	0.019* (0.011)	0.009 (0.006)	0.009 (0.006)	0.004 (0.012)	-0.003 (0.012)	0.029* (0.015)	0.019* (0.011)	0.042** (0.020)	0.023 (0.016)	0.077** (0.033)	0.059* (0.031)	0.029* (0.015)	0.019* (0.011)
field_agricultural_and_biological_sciences	-0.343 (0.300)	-0.363 (0.299)	3.36* (1.90)	3.37* (1.92)	0.182 (0.172)	0.182 (0.172)	-0.893** (0.415)	-0.875** (0.412)	-0.355 (0.606)	-0.358 (0.601)	0.182 (0.172)	0.182 (0.172)	2.40* (1.40)	2.40 (1.47)	18.9** (9.02)	18.4** (8.85)	0.182 (0.172)	0.182 (0.172)
field_arts_and_humanities	-4.38* (2.44)	-4.46* (2.41)	-11.7** (5.10)	-11.1** (4.96)	-2.58 (1.68)	-2.55 (1.67)	1.47 (5.22)	1.43 (5.22)	-3.00 (4.97)	-3.95 (4.80)	-2.58 (1.68)	-2.55 (1.67)	-9.93** (4.80)	-10.1** (4.71)	-61.8** (28.9)	-52.3* (27.3)	-2.58 (1.68)	-2.55 (1.67)
field_biochemistry_genetics_and_molecular_biology	-0.911*** (0.237)	-0.919*** (0.247)	-0.427 (0.392)	-0.446 (0.429)	-0.499*** (0.147)	-0.497** (0.150)	-0.367** (0.146)	-0.372** (0.148)	-0.224 (0.153)	-0.233 (0.148)	-0.499*** (0.147)	-0.497** (0.150)	-3.24** (0.800)	-3.26** (0.805)	-2.85 (2.06)	-3.69 (2.13)	-0.499*** (0.147)	-0.497** (0.150)
field_business_management_and_accounting	-1.62 (1.94)	-1.53 (1.97)	8.89 (9.71)	10.8 (9.42)	-1.77 (1.58)	-1.66 (1.57)	1.92 (2.31)	2.02 (2.30)	8.91 (11.2)	9.19 (11.3)	-1.77 (1.58)	-1.66 (1.57)	-3.42 (4.44)	-4.35 (4.33)	27.5 (49.5)	10.3 (45.1)	-1.77 (1.58)	-1.66 (1.57)
field_chemical_engineering	-0.537 (1.20)	-0.372 (1.18)	-2.84 (5.50)	-3.17 (5.64)	-0.244 (0.783)	-0.310 (0.793)	-2.76 (2.27)	-2.72 (2.30)	1.38 (5.33)	1.55 (5.29)	-0.244 (0.783)	-0.310 (0.793)	-5.81 (10.1)	-5.45 (10.0)	-43.0 (78.7)	-30.1 (70.9)	-0.244 (0.783)	-0.310 (0.793)
field_chemistry	-0.349 (0.320)	-0.376 (0.338)	-0.448 (0.606)	-0.342 (0.621)	-0.209 (0.154)	-0.191 (0.158)	-1.00*** (0.358)	-0.997*** (0.360)	-0.417 (0.529)	-0.485 (0.546)	-0.209 (0.154)	-0.191 (0.158)	-2.20 (1.58)	-2.37 (1.61)	-0.136 (4.54)	1.28 (4.33)	-0.209 (0.154)	-0.191 (0.158)
field_computer_science	-1.49*** (0.515)	-1.43** (0.536)	-0.540 (1.14)	-0.729 (1.17)	-0.349 (0.398)	-0.334 (0.397)	-0.828 (0.715)	-0.760 (0.721)	4.13 (2.91)	4.07 (2.95)	-0.349 (0.398)	-0.334 (0.397)	-4.21** (1.80)	-4.10** (1.80)	-3.84 (5.69)	-5.54 (6.02)	-0.349 (0.398)	-0.334 (0.397)
field_decision_sciences	-2.14 (2.31)	-2.23 (2.20)	-0.152 (5.11)	0.396 (4.84)	-0.059 (0.588)	-0.068 (0.588)	-2.28 (2.36)	-2.45 (2.40)	-2.96 (5.37)	-2.29 (5.62)	-0.059 (0.588)	-0.068 (0.588)	-2.34 (8.73)	-1.43 (8.60)	36.0 (17.6)	24.2 (18.6)	-0.059 (0.588)	-0.068 (0.588)
field_dentistry	1.13 (1.17)	0.961 (1.17)	0.667 (5.73)	-0.179 (5.94)	0.187 (1.12)	0.219 (1.12)	2.80 (1.72)	2.75 (1.71)	0.992 (2.85)	0.874 (2.59)	0.187 (1.12)	0.219 (1.12)	-2.14 (3.32)	-2.02 (3.17)	-36.0 (42.4)	-34.4 (42.5)	0.187 (1.12)	0.219 (1.12)
field_earth_and_planetary_sciences	-0.452 (0.364)	-0.444 (0.365)	-3.10 (3.41)	-2.46 (3.07)	-0.419 (0.357)	-0.423 (0.359)	-0.866 (0.685)	-0.833 (0.681)	-2.94* (1.45)	-2.72* (1.39)	-0.419 (0.357)	-0.423 (0.359)	-4.14 (4.84)	-4.97 (5.19)	-15.4 (12.4)	-13.1 (14.6)	-0.419 (0.357)	-0.423 (0.359)
field_economics_econometrics_and_finance	0.895 (3.79)	0.948 (3.87)	-6.90 (7.25)	-4.72 (7.11)	-3.27 (2.35)	-3.29 (2.36)	0.206 (5.36)	0.260 (5.36)	-16.4* (8.80)	-16.3* (9.06)	-3.27 (2.35)	-3.29 (2.36)	0.859 (2.75)	0.866 (2.80)	-16.1* (9.43)	-10.5 (10.0)	-3.27 (2.35)	-3.29 (2.36)
field_energy	-1.80** (0.770)	-1.71** (0.752)	-3.13*** (1.09)	-1.94** (0.780)	-0.351 (0.490)	-0.381 (0.486)	-0.862 (0.809)	-0.853 (0.814)	-1.63** (0.766)	-1.53** (0.753)	-0.351 (0.490)	-0.381 (0.486)	-1.33 (6.51)	-2.32 (6.72)	-12.4 (12.6)	-14.7 (15.7)	-0.351 (0.490)	-0.381 (0.486)
field_engineering	-0.434 (0.346)	-0.434 (0.350)	-1.73* (1.01)	-1.58 (1.04)	-0.079 (0.231)	-0.077 (0.232)	-0.954** (0.378)	-0.956** (0.380)	-1.04** (0.484)	-1.02* (0.525)	-0.079 (0.231)	-0.077 (0.232)	-1.43 (1.48)	-1.43 (1.48)	-13.4* (6.79)	-11.7* (6.38)	-0.079 (0.231)	-0.077 (0.232)
field_environmental_science	-1.42*** (0.399)	-1.42*** (0.416)	-3.40 (2.40)	-3.42 (2.40)	-0.368 (0.250)	-0.355 (0.248)	-0.867 (0.542)	-0.884 (0.539)	-1.16 (0.941)	-1.12 (0.962)	-0.368 (0.250)	-0.355 (0.248)	-5.61* (2.84)	-5.36* (2.75)	-5.16 (11.0)	-4.22 (10.3)	-0.368 (0.250)	-0.355 (0.248)
field_health_professions	-1.73* (1.00)	-1.64 (1.01)	-11.3*** (3.83)	-12.3*** (3.74)	1.07 (1.45)	1.07 (1.44)	4.29* (2.19)	4.25* (2.18)	16.9 (12.5)	16.9 (12.3)	1.07 (1.45)	1.07 (1.44)	-2.81* (1.53)	-2.52 (1.49)	-7.46 (4.73)	-10.1** (4.21)	1.07 (1.45)	1.07 (1.44)
field_immunology_and_microbiology	-0.995*** (0.356)	-1.08*** (0.378)	-0.714 (0.761)	-1.00 (0.953)	-0.365 (0.277)	-0.369 (0.278)	-0.270 (0.391)	-0.293 (0.394)	-0.073 (0.992)	-0.150 (0.977)	-0.365 (0.277)	-0.369 (0.278)	-1.74** (0.723)	-1.86** (0.708)	0.929 (3.33)	0.559 (3.70)	-0.365 (0.277)	-0.369 (0.278)
field_materials_science	-0.657 (0.682)	-0.586 (0.697)	-0.639 (0.545)	-0.369 (0.568)	-0.299 (0.266)	-0.293 (0.264)	-0.591 (0.367)	-0.542 (0.359)	-0.431 (0.449)	-0.388 (0.421)	-0.299 (0.266)	-0.293 (0.264)	-2.52 (2.54)	-2.26 (2.63)	-8.46 (6.48)	-9.21 (6.35)	-0.299 (0.266)	-0.293 (0.264)
field_mathematics	14.1*** (4.34)	14.4*** (4.58)	56.6*** (13.6)	56.1*** (12.8)	18.1*** (5.93)	17.9*** (5.86)	3.21 (2.56)	3.34 (2.60)	8.30 (10.1)	7.38 (10.2)	18.1*** (5.93)	17.9*** (5.86)	23.3*** (5.63)	23.1*** (6.12)	51.8** (19.3)	49.9** (19.0)	18.1*** (5.93)	17.9*** (5.86)
field_medicine	3.07*** (0.706)	3.11*** (0.724)	4.44*** (1.38)	4.58*** (1.44)	2.01*** (0.551)	2.00*** (0.549)	0.786** (0.341)	0.800** (0.347)	1.14* (0.584)	1.14* (0.579)	2.01*** (0.551)	2.00*** (0.549)	2.16*** (0.456)	2.21*** (0.464)	4.13** (1.70)	4.46** (1.74)	2.01*** (0.551)	2.00*** (0.549)
field_neuroscience	-0.406 (0.389)	-0.664 (0.398)	-1.74* (0.939)	-1.82* (0.924)	-0.102 (0.185)	-0.085 (0.184)	0.292 (0.394)	0.290 (0.396)	0.065 (1.23)	0.056 (1.21)	-0.102 (0.185)	-0.085 (0.184)	-3.83*** (1.03)	-3.99*** (1.07)	-4.10 (3.95)	-3.19 (4.05)	-0.102 (0.185)	-0.085 (0.184)
field_nursing	-1.60** (0.767)	-1.59** (0.745)	-3.93* (1.98)	-3.28* (1.92)	-0.636 (0.393)	-0.632 (0.387)	-0.275 (0.949)	-0.230 (0.957)	-0.145 (1.60)	-0.216 (1.62)	-0.636 (0.393)	-0.632 (0.387)	-4.98** (2.34)	-5.02** (2.35)	-19.7*** (6.52)	-20.2*** (5.98)	-0.636 (0.393)	-0.632 (0.387)
field_pharmacology_toxicology_and_pharmaceutics	-1.35* (0.710)	-1.26* (0.717)	-0.908 (1.59)	-0.839 (1.48)	-0.367 (0.427)	-0.402 (0.414)	0.754 (1.64)	0.741 (1.63)	-0.078 (1.44)	-0.045 (1.45)	-0.367 (0.427)	-0.402 (0.414)	-5.26*** (1.84)	-5.44*** (1.91)	5.97 (7.58)	6.16 (7.66)	-0.367 (0.427)	-0.402 (0.414)
field_physics_and_astronomy	0.192 (0.238)	0.165 (0.233)	1.69 (1.36)	1.20 (1.20)	-0.311 (0.191)	-0.339* (0.194)	-0.713* (0.384)	-0.732* (0.396)	-0.230 (0.427)	-0.361 (0.504)	-0.311 (0.191)	-0.339* (0.194)	-6.27* (3.63)	-6.55* (3.70)	-40.9 (29.9)	-49.7 (33.0)	-0.311 (0.191)	-0.339* (0.194)
field_psychology	6.38** (2.08)	6.72*** (2.14)	6.45 (6.25)	8.16 (6.66)	2.30** (1.02)	2.32** (1.04)	2.14 (2.44)	2.39 (2.45)	12.6 (9.29)	12.9 (9.29)	2.30** (1.02)	2.32** (1.04)	9.77*** (3.33)	10.4*** (3.45)	11.8 (23.6)	15.7 (24.0)	2.30** (1.02)	2.32** (1.04)
field_social_sciences	12.3*** (3.32)	12.3*** (3.35)	28.1** (13.4)	27.9** (13.1)	6.28** (3.06)	6.25** (3.00)	-0.177 (2.27)	-0.171 (2.27)	-1.08 (2.71)	-0.618 (2.90)	6.28** (3.06)	6.25** (3.00)	16.5*** (4.91)	16.6*** (4.99)	69.7*** (24.3)	70.7*** (23.5)	6.28** (3.06)	6.25** (3.00)
field_veterinary	-2.57*** (0.835)	-2.77*** (0.844)	-0.635 (6.17)	-2.20 (6.60)	-2.65* (1.54)	-2.78* (1.56)	-3.89 (3.54)	-3.97 (3.52)	-0.516 (2.99)	-0.415 (2.96)	-2.65* (1.54)	-2.78* (1.56)	-3.64 (3.85)	-4.07 (3.84)	5.76 (20.7)	4.14 (24.1)	-2.65* (1.54)	-2.78* (1.56)
mesh_	13.1*** (6.20)	13.8** (6.35)	51.4** (19.9)	48.7** (20.0)	5.81 (3.55)	5.82 (3.57)	8.09** (3.75)	8.38** (3.76)	14.8 (12.1)	15.7 (12.3)	5.81 (3.55)	5.82 (3.57)	29.8* (14.9)	30.8** (14.9)	77.5* (43.8)	74.1 (45.7)	5.81 (3.55)	5.82 (3.57)
mesh_A	-0.197 (0.201)	-0.195 (0.198)	0.297 (0.703)	0.448 (0.743)	-0.055 (0.137)	-0.059 (0.140)	-0.156 (0.210)	-0.158 (0.208)	-0.315 (0.409)	-0.277 (0.402)	-0.055 (0.137)	-0.059 (0.140)	-0.478 (0.545)	-0.436 (0.539)	2.35 (2.30)	2.24 (2.42)	-0.055 (0.137)	-0.059 (0.140)
mesh_B	1.20*** (0.262)	1.26*** (0.273)	0.915 (0.885)	0.909 (0.915)	0.582*** (0.204)	0.586*** (0.203)	0.469 (0.338)	0.481 (0.339)	0.565 (0.407)	0.559 (0.401)	0.582*** (0.204)	0.586*** (0.203)	3.52*** (0.807)	3.63*** (0.818)	-0.006 (3.11)	-0.186 (3.14)	0.582*** (0.204)	0.586*** (0.203)
mesh_C	0.916** (0.384)	0.908** (0.383)	-1.92 (1.38)	-1.79 (1.33)	0.566** (0.277)	0.572** (0.276)	1.09** (0.402)	1.09** (0.402)	0.075 (0.893)	0.046 (0.891)	0.566** (0.277)	0.572** (0.276)	2.13** (0.458)	0.443 (0.457)	-0.979 (2.73)	-0.683 (2.53)	0.566** (0.277)	0.572** (0.276)
mesh_D	0.717*** (0.188)	0.715*** (0.188)	0.865** (0.322)	0.847** (0.335)	0.309*** (0.104)	0.309*** (0.104)	0.211** (0.088)	0.211** (0.087)	0.192 (0.185)	0.189 (0.191)	0.309*** (0.104)	0.309*** (0.104)	2.34*** (0.575)	2.34*** (0.571)	2.08 (1.35)	2.31 (1.40)	0.309*** (0.104)	0.309*** (0.104)
mesh_E	0.990*** (0.279)	0.960*** (0.273)	1.36 (0.970)	1.28 (0.902)	0.611** (0.236)	0.613** (0.235)	0.104 (0.277)	0.108 (0.281)	-0.105 (0.480)	-0.125 (0.469)	0.611** (0.236)	0.613** (0.235)	2.85*** (1.00)	2.78*** (0.975)	9.63 (6.28)	8.80 (5.94)	0.611** (0.236)	0.613*** (0.235)
mesh_F	-1.08 (0.673)	-1.14 (0.696)	-3.33 (4.36)	-3.66 (4.47)	-0.930* (0.516)	-0.951* (0.519)	-1.96** (0.866)	-1.97** (0.865)	-0.261 (1.57)	-0.340 (1.53)	-0.930* (0.516)	-0.951* (0.519)	-1.20 (1.30)	-1.20 (1.31)	4.45 (14.4)	5.38 (16.2)	-0.930* (0.516)	-0.951* (0.519)
mesh_G	0.472** (0.217)	0.475** (0.210)	-0.062 (0.440)	-0.245 (0.384)	0.152 (0.126)	0.153 (0.125)	0.070 (0.177)	0.071 (0.176)	0.098 (0.228)	0.100 (0.221)	0.152 (0.126)	0.153 (0.125)	0.772 (0.667)	0.783 (0.663)	0.673 (2.84)	0.269 (2.72)	0.152 (0.126)	0.153 (0.125)
mesh_H	1.29** (0.554)	1.25** (0.550)	-0.961 (2.12)	-0.270 (1.93)	0.540 (0.511)	0.524 (0.509)	2.14* (1.07)	2.11* (1.07)	1.82 (2.10)	2.12 (2.08)	0.540 (0.511)	0.524 (0.509)	5.98** (2.49)	5.79** (2.39)	-2.70 (15.6)	-9.37 (14.9)	0.540 (0.511)	0.524 (0.509)
mesh_I	-0.942 (1.32)	-1.01 (1.37)	-26.8** (9.94)	-29.0** (10.0)	-1.73 (1.52)	-1.77 (1.53)	3.69 (3.41)	3.87 (3.45)	21.4 (18.6)	21.7 (18.2)	-1.73 (1.52)	-1.77 (1.53)	-3.09 (3.97)	-0.203 (3.86)	-21.3 (18.9)	-24.5 (18.9)	-1.73 (1.52)	-1.77 (1.53)
mesh_J	0.208 (0.313)	0.218 (0.311)	1.04 (2.08)	1.21 (2.16)	0.331** (0.194)	0.325 (0.198)	0.587 (0.416)	0.583 (0.414)	-0.305 (0.643)	-0.293 (0.653)	0.331** (0.194)	0.325 (0.198)	-1.39 (1.96)	-1.47 (1.96)	2.79 (12.5)	1.45 (12.3)	0.331** (0.194)	0.325 (0.198)
mesh_K	-0.493 (1.47)	-0.488 (1.47)	-25.5 (16.7)	-23.9 (16.0)	-8.71** (3.28)	-8.52** (3.22)	-9.64** (4.40)	-9.60** (4.36)	-19.5* (9.93)	-20.2* (9.98)	-8.71** (3.28)	-8.52** (3.22)	-11.3 (9.46)	-11.3 (9.09)	98.7 (180.9)	91.3 (171.9)	-8.71** (3.28)	-8.52** (3.22)
mesh_L	0.286 (0.341)	0.277 (0.330)	-1.71 (1.23)	-1.68 (1.23)	0.218 (0.196)	0.215 (0.196)	1.37* (0.745)	1.39* (0.746)	-1.08 (0.845)	-1.14 (0.844)	0.218 (0.196)	0.215 (0.196)	-2.31 (3.31)	-2.13 (3.73)	-4.43 (14.3)	-4.63 (13.5)	0.218 (0.196)	0.215 (0.196)
mesh_M	3.32*** (1.83)	3.36*** (1.84)	35.7*** (10.0)	36.8*** (10.3)	4.70** (2.03)	4.69** (2.03)	1.87 (1.29)	1.89 (1.28)	11.4 (7.39)	11.8 (7.41)	4.70** (2.03)	4.69** (2.03)	9.89*** (2.06)	9.77*** (2.06)	37.0*** (11.9)	38.2*** (12.1)	4.70** (2.03)	4.69** (2.03)
mesh_N	1.73*** (0.601)	1.75*** (0.611)	7.25 (5.12)	7.44 (5.27)	1.85*** (0.646)	1.86*** (0.649)	2.75*** (0.975)	2.75*** (0.978)	5.60 (3.12)	5.76 (3.15)	1.85*** (0.646)	1.86*** (0.649)	1.99 (1.16)	1.96 (1.17)	1.17 (11.2)	10.9 (11.2)	1.85*** (0.646)	1.86*** (0.649)
mesh_Z	2.56** (1.04)	2.45** (1.02)	17.5 (15.6)	17.2 (15.5)	1.19 (1.18)	1.24 (1.19)	1.39 (1.36)	1.39 (1.37)	-0.586 (7.35)	-0.393 (7.39)	1.19 (1.18)	1.24 (1.19)	5.28 (2.53)	5.04 (2.51)	18.5 (25.0)	15.8 (25.5)	1.19 (1.18)	1.24 (1.19)
mesh_n	-0.988 (1.17)	-1.18 (1.18)	0.928 (5.43)	2.02 (5.49)	0.564 (1.00)	0.534 (1.01)	-0.830 (1.20)	-0.852 (1.20)	-3.69 (3.53)	-3.51 (3.53)	0.564 (1.00)	0.534 (1.01)	1.32 (2.47)	0.944 (2.48)	-4.79 (12.1)	-3.33 (11.9)	0.564 (1.00)	0.534 (1.01)
AlphaFold × Counterfactual AI	0.036* (0.021)	0.017*** (0.0005)	-0.004 (0.035)	-0.005 (0.002)	0.002** (0.030)	0.002** (0.0008)	0.018 (0.014)	0.0005 (0.0004)	-0.0002 (0.026)	-0.00003 (0.0003)	-0.000 (0.080)	0.0008 (0.0008)	-0.029* (0.013)	0.0002 (0.0005)	0.094 (0.124)	0.002 (0.002)	-0.000 (0.019)	0.0008 (0.0008)
AlphaFold × Counterfactual No AI	-0.051 (0.066)	-0.0005*** (0.002)	-0.116 (0.085)	-0.0009** (0.004)	-0.018 (0.031)	-0.0008** (0.004)	-0.016 (0.013)	-0.00005 (0.0003)	-0.006 (0.026)	-0.0004 (0.006)	-0.018 (0.009)	-0.0008** (0.004)	-0.024 (0.004)	-0.0006*** (0.007)	-0.131 (0.010)	-0.0005 (0.000)	-0.018 (0.009)	-0.0008** (0.004)
AlphaFold - Method × Counterfactual AI - Method	0.002 (0.007)	0.005 (0.006)	0.025* (0.015)	0.022* (0.012)	0.015 (0.009)	0.015* (0.007)	-0.005 (0.004)	-0.004 (0.004)	0.005 (0.006)	0.005 (0.009)	0.015 (0.010)	0.015* (0.008)	0.006 (0.017)	0.007 (0.008)	0.060 (0.060)	0.058 (0.058)	0.015 (0.009)	0.015* (0.007)
AlphaFold - Method × Counterfactual No AI - Method	-0.002* (0.001)	-0.001 (0.009)	-0.011** (0.004)	-0.007* (0.004)	-0.001 (0.0007)	-0.0008 (0.0005)	-0.002*** (0.0003)	-0.002*** (0.0006)	-0.002 (0.003)	-0.002 (0.004)	-0.001 (0.0007)	-0.0008 (0.0005)	-0.002 (0.001)	-0.0004 (0.001)	-0.011** (0.004)	-0.008* (0.004)	-0.001 (0.0007)	-0.0008 (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	107,662	107,662	10,281	10,281	78,819	78,819	33,010	33,010	4,824	4,824	78,819	78,819	45,023	45,023	3,079	3,079	78,819	78,819
R²	0.35	0.35	0.42	0.42	0.25	0.25	0.27	0.27	0.37	0.37	0.25	0.25	0.45	0.46	0.55	0.55	0.25	0.26
Mean(Dep. Var.)	0.116	0.116	0.093	0.093	0.049	0.049	0.039	0.039	0.023	0.023	0.049	0.049	0.225	0.225	0.257	0.257	0.049	0.049

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

Right table

Dependent Variable:	All Fields			
	All PDB		High PDB	
Variables	Extensive	Intensive	Extensive	Intensive
AlphaFold	0.002 (0.004)	0.0008 (0.0007)	0.023 (0.030)	0.008** (0.003)
Counterfactual AI	0.016** (0.007)	0.007** (0.003)	1.078** (0.035)	0.019 (0.017)
Counterfactual No AI	0.010* (0.006)	0.002 (0.001)	0.060 (0.044)	0.002 (0.005)
AlphaFold - Method	0.002 (0.002)	0.0005 (0.002)	-0.002 (0.008)	-0.011 (0.009)
Counterfactual AI - Method	-0.011 (0.016)	-0.012 (0.016)	0.009 (0.071)	0.005 (0.073)
Counterfactual No AI - Method	0.013** (0.006)	0.011* (0.006)	0.014 (0.018)	0.012 (0.024)
field_agricultural_and_biological_sciences	-0.277** (0.115)	-0.273** (0.116)	2.91 (2.65)	2.90 (2.64)
field_arts_and_humanities	-0.845 (1.14)	-0.864 (1.14)	-15.0*** (5.49)	-15.2*** (5.40)
field_biochemistry_genetics_and_molecular_biology	1.18*** (0.341)	1.18*** (0.342)	4.57*** (1.39)	4.56*** (1.39)
field_business_management_and_accounting	0.241 (1.21)	0.261 (1.20)	-17.1 (18.6)	-17.4 (18.7)
field_chemical_engineering	1.77 (1.74)	1.81 (1.74)	31.4 (24.6)	32.2 (24.4)
field_chemistry	0.455 (0.472)	0.460 (0.471)	0.738 (2.77)	0.766 (2.78)
field_computer_science	0.708 (0.493)	0.724 (0.495)	-0.086 (3.54)	-0.096 (3.49)
field_decision_sciences	-0.745 (1.03)	-0.809 (1.02)	-3.29 (18.3)	-3.80 (18.3)
field_dentistry	-0.299 (0.303)	-0.302 (0.297)	-4.33 (8.45)	-4.55 (8.33)
field_earth_and_planetary_sciences	-0.509 (0.339)	-0.499 (0.340)	-16.3 (10.8)	-16.3 (10.7)
field_economics_econometrics_and_finance	-0.253 (0.339)	-0.229 (0.336)	-0.471 (15.1)	0.379 (15.1)
field_energy	2.89* (1.42)	2.90** (1.42)	11.8 (8.03)	12.2 (8.08)
field_engineering	-0.485** (0.235)	-0.478** (0.234)	1.59 (3.08)	1.75 (3.10)
field_environmental_science	0.701*** (0.254)	0.708*** (0.252)	13.4** (3.88)	13.2*** (3.86)
field_health_professions	-0.546** (0.251)	-0.538** (0.251)	-0.340 (8.10)	-0.611 (8.18)
field_immunology_and_microbiology	1.19*** (0.404)	1.19*** (0.404)	7.80** (2.91)	7.63** (2.92)
field_materials_science	0.658** (0.243)	0.666*** (0.242)	0.729 (1.40)	0.674 (1.38)
field_mathematics	-0.461 (0.365)	-0.476 (0.361)	-13.8 (11.6)	-13.3 (11.7)
field_medicine	0.351** (0.152)	0.352** (0.150)	2.81*** (0.803)	2.88*** (0.807)
field_neuroscience	1.08** (0.426)	1.08** (0.424)	10.6** (4.15)	10.5** (4.11)
field_nursing	0.859 (0.622)	0.858 (0.620)	6.64 (6.45)	6.68 (6.51)
field_pharmacology_toxicology_and_pharmaceutics	-0.581 (0.412)	-0.569 (0.412)	1.10 (6.53)	0.999 (6.66)
field_physics_and_astronomy	-0.241 (0.337)	-0.230 (0.335)	4.05 (4.20)	4.17 (4.17)
field_psychology	-0.311 (0.263)	-0.309 (0.265)	-8.42 (10.7)	-8.13 (10.8)
field_social_sciences	-0.337 (0.489)	-0.356 (0.499)	-4.78 (5.00)	-4.64 (5.42)
field_veterinary	-0.687 (0.761)	-0.697 (0.761)	0.078 (15.2)	0.141 (15.1)
mesh_	2.88 (2.51)	2.94 (2.51)	37.9 (34.6)	37.7 (35.2)
mesh_A	-1.29*** (0.147)	-1.29*** (0.147)	-11.1*** (1.90)	-11.1*** (1.91)
mesh_B	1.05*** (0.172)	1.05*** (0.173)	9.08*** (2.03)	9.06*** (2.03)
mesh_C	-0.838*** (0.132)	-0.842*** (0.132)	-8.09*** (2.10)	-8.10*** (2.11)
mesh_D	1.30*** (0.113)	1.30*** (0.113)	7.90*** (0.818)	7.90*** (0.823)
mesh_E	1.67*** (0.255)	1.67*** (0.255)	22.7*** (3.25)	22.9*** (3.22)
mesh_F	-0.016 (0.182)	-0.028 (0.183)	-11.0* (6.10)	-11.4* (6.06)
mesh_G	1.28*** (0.172)	1.28*** (0.172)	6.90*** (1.57)	6.85*** (1.56)
mesh_H	-1.23*** (0.390)	-1.23*** (0.383)	-9.29 (10.9)	-9.47 (10.8)
mesh_I	0.117 (0.347)	0.118 (0.354)	-19.3 (12.8)	-19.7 (13.0)
mesh_J	-1.08*** (0.173)	-1.08*** (0.172)	-9.55** (4.48)	-9.70** (4.46)
mesh_K	0.256 (0.277)	0.282 (0.297)	0.534 (33.9)	1.54 (33.8)
mesh_L	0.241 (0.300)	0.248 (0.302)	-3.56 (7.95)	-3.41 (7.93)
mesh_M	2.34 (0.234)	2.47 (0.250)	0.679 (5.90)	0.504 (6.08)
mesh_N	-0.310** (0.139)	-0.312** (0.138)	-14.7*** (5.12)	-14.6*** (5.14)
mesh_Z	-0.608** (0.321)	-0.605** (0.321)	-11.5 (11.2)	-11.4 (11.3)
mesh_n	-1.54*** (0.434)	-1.56*** (0.427)	-8.95 (7.31)	-9.23 (7.49)
AlphaFold × Counterfactual AI	0.019 (0.003)	0.0002 (0.0005)	0.102 (0.045)	0.001 (0.002)
AlphaFold × Counterfactual No AI	0.003 (0.002)	-0.00005 (0.0002)	-0.027 (0.094)	-0.001 (0.000)
AlphaFold - Method × Counterfactual AI - Method	0.004 (0.004)	0.0009 (0.004)	0.068 (0.027)	0.006 (0.029)
AlphaFold - Method × Counterfactual No AI - Method	-0.003* (0.0005)	-0.0010* (0.0005)	-0.003 (0.004)	-0.003 (0.004)

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	107,662	107,662	10,281	10,281
R²	0.52	0.52	0.53	0.53
Mean(Dep. Var.)	0.068	0.068	0.533	0.533

Clustered (pi_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	-0.611**	-0.003	-0.739	-0.133	0.816	0.096	-0.110	-0.001	-0.359	-0.093	0.816	0.096	-0.300	-0.013	-1.35	-0.297	0.816	0.096
	(0.318)	(0.028)	(0.491)	(0.124)	(0.853)	(0.103)	(0.124)	(0.019)	(0.311)	(0.115)	(0.853)	(0.103)	(0.284)	(0.005)	(0.905)	(0.209)	(0.853)	(0.103)
Counterfactual AI	-0.669	-0.114	-0.306	-0.076	0.216	-0.099	-0.218	-0.100	0.283	0.033	0.216	-0.099	0.467	0.063	-1.45	-0.422*	0.216	-0.099
	(0.468)	(0.078)	(0.532)	(0.119)	(0.884)	(0.279)	(0.201)	(0.088)	(0.346)	(0.070)	(0.884)	(0.279)	(0.856)	(0.174)	(1.18)	(0.232)	(0.884)	(0.279)
Counterfactual No AI	-1.19	-0.084	-0.194	-0.030	1.35	0.135*	0.065	0.028*	0.303	-0.043	1.35	0.135*	-0.287	0.002	-0.460	-0.058	1.35	0.135*
	(0.939)	(0.095)	(0.675)	(0.033)	(0.802)	(0.074)	(0.120)	(0.014)	(0.640)	(0.054)	(0.802)	(0.074)	(0.295)	(0.017)	(0.717)	(0.047)	(0.802)	(0.074)
AlphaFold - Method	0.021	0.020	-0.011	0.106	0.056	-0.009	0.025	0.023	0.022	0.117	0.056	-0.009	-0.0006	-0.007	-0.084	0.221	0.056	-0.009
	(0.023)	(0.027)	(0.068)	(0.117)	(0.066)	(0.066)	(0.022)	(0.025)	(0.046)	(0.136)	(0.066)	(0.062)	(0.021)	(0.029)	(0.069)	(0.201)	(0.066)	(0.062)
Counterfactual AI - Method	0.645	0.663	-0.334	-0.306	-0.583	-0.593	0.028	0.039	-0.496	-0.483	-0.583	-0.593	0.614	0.662	-0.437	-0.337	-0.583	-0.593
	(0.397)	(0.395)	(0.384)	(0.296)	(0.928)	(1.07)	(0.225)	(0.246)	(0.443)	(0.395)	(0.928)	(1.07)	(0.693)	(0.703)	(0.567)	(0.543)	(0.928)	(1.07)
Counterfactual No AI - Method	0.158	0.231	0.013	0.098	-0.068	-0.128	-0.052	-0.063	-0.329*	-0.208	-0.068	-0.128	-0.001	-0.030	0.041	0.206	-0.068	-0.128
	(0.135)	(0.230)	(0.148)	(0.080)	(0.338)	(0.323)	(0.070)	(0.065)	(0.163)	(0.168)	(0.338)	(0.323)	(0.104)	(0.106)	(0.089)	(0.145)	(0.338)	(0.323)
field_agricultural_and_biological_sciences	209.1	209.4	77.8***	77.2***	117.3***	117.0***	61.7***	61.7***	136.9***	139.3***	117.3***	117.0***	36.1	34.9	20.1	13.6	117.3***	117.0***
	(133.9)	(133.9)	(24.1)	(24.0)	(39.8)	(39.8)	(21.9)	(21.9)	(36.4)	(36.9)	(39.8)	(39.8)	(30.6)	(31.1)	(105.4)	(107.9)	(39.8)	(39.8)
field_arts_and_humanities	-113.4	-113.4	251.7**	247.0**	-120.3	-119.8	51.1	53.2	167.4	135.3	-120.3	-119.8	-11.6	-9.10	110.9	15.7	-120.3	-119.8
	(114.8)	(114.4)	(92.4)	(91.8)	(315.0)	(314.8)	(63.4)	(63.3)	(119.6)	(87.8)	(315.0)	(314.8)	(185.5)	(185.5)	(281.3)	(309.1)	(315.0)	(314.8)
field_biochemistry_genetics_and_molecular_biology	149.5***	149.7***	140.5***	140.5***	110.0***	109.8***	136.6***	136.6***	122.4***	122.4***	110.0***	109.8***	285.0***	285.4***	421.0*	419.4*	110.0***	109.8***
	(29.7)	(29.8)	(26.7)	(25.9)	(25.9)	(25.8)	(20.5)	(20.5)	(10.4)	(10.4)	(25.9)	(25.8)	(91.3)	(91.7)	(209.8)	(208.1)	(25.9)	(25.8)
field_business_management_and_accounting	68.9	68.1	72.5	70.4	127.5	127.1	115.3	116.9	29.1	37.6	127.5	127.1	-21.6	-21.5	-167.7	-149.0	127.5	127.1
	(46.3)	(46.0)	(63.3)	(63.4)	(197.1)	(197.9)	(70.4)	(71.3)	(41.5)	(39.4)	(197.1)	(197.9)	(59.3)	(58.8)	(481.4)	(454.8)	(197.1)	(197.9)
field_chemical_engineering	160.1	159.3	170.6*	172.7*	-594.5	-596.3	169.2***	168.7***	277.1**	287.7**	-594.5	-596.3	-93.7	-94.6	-161.7	-200.9	-594.5	-596.3
	(162.4)	(162.3)	(88.2)	(89.1)	(410.6)	(411.2)	(52.9)	(53.5)	(117.2)	(116.4)	(410.6)	(411.2)	(301.6)	(301.0)	(354.2)	(357.7)	(410.6)	(411.2)
field_chemistry	100.1***	100.4***	114.1***	114.3***	-90.7	-90.6	55.6***	55.5***	84.0*	83.9*	-90.7	-90.6	135.5***	136.3***	50.3	46.5	-90.7	-90.6
	(16.0)	(15.9)	(29.0)	(27.1)	(139.1)	(139.2)	(18.1)	(18.0)	(43.2)	(43.4)	(139.1)	(139.2)	(36.5)	(36.5)	(158.5)	(156.4)	(139.1)	(139.2)
field_computer_science	267.2	266.7	114.2***	113.1***	-366.8	-365.9	214.3***	214.0***	119.1***	118.5***	-366.8	-365.9	210.6**	211.3**	262.4*	251.4	-366.8	-365.9
	(183.6)	(183.4)	(37.4)	(36.6)	(331.0)	(330.8)	(77.7)	(77.9)	(26.8)	(27.7)	(331.0)	(330.8)	(83.1)	(83.8)	(150.4)	(153.0)	(331.0)	(330.8)
field_decision_sciences	-2.03	-3.53	-127.7	-123.4	113.0	112.2	7.80	6.98	88.5	94.9	113.0	112.2	126.6	127.8	-471.8	-476.0	113.0	112.2
	(86.5)	(86.9)	(236.1)	(235.7)	(91.8)	(91.8)	(58.0)	(57.0)	(122.8)	(114.0)	(91.8)	(91.8)	(142.4)	(142.6)	(512.3)	(489.1)	(91.8)	(91.8)
field_dentistry	110.6***	111.0***	-71.8	-62.9	-234.8	-232.7	84.3**	84.2**	107.1*	111.9**	-234.8	-232.7	64.8	63.5	-128.4	-59.8	-234.8	-232.7
	(19.0)	(19.2)	(167.3)	(169.2)	(430.1)	(429.2)	(33.1)	(33.0)	(55.1)	(53.9)	(430.1)	(429.2)	(42.0)	(42.8)	(310.3)	(269.6)	(430.1)	(429.2)
field_earth_and_planetary_sciences	4,322.2***	4,322.1***	2,288.4**	2,288.3**	10,269.5***	10,269.5***	102.5***	102.8***	91.2*	92.8*	10,269.5***	10,269.5***	95.3	90.7	224.2	221.4	10,269.5***	10,269.5***
	(1,463.3)	(1,463.4)	(1,029.0)	(1,028.8)	(2,992.9)	(2,992.9)	(21.8)	(21.8)	(51.9)	(53.8)	(2,992.9)	(2,992.9)	(83.9)	(84.9)	(521.7)	(506.0)	(2,992.9)	(2,992.9)
field_economics_econometrics_and_finance	208.0***	209.1***	153.5**	151.9*	528.1*	528.6*	671.2	669.6	213.3	209.9	528.1*	528.6*	215.2***	215.0***	149.6	167.3	528.1*	528.6*
	(37.6)	(37.7)	(75.3)	(76.5)	(280.0)	(280.2)	(462.6)	(462.2)	(241.6)	(244.5)	(280.0)	(280.2)	(47.2)	(47.3)	(177.9)	(182.2)	(280.0)	(280.2)
field_energy	-97.8	-98.0	-44.0	-46.0	-19.9	-20.8	71.4***	71.7***	20.8	22.8	-19.9	-20.8	80.2	86.2	-141.4	-121.0	-19.9	-20.8
	(97.5)	(97.7)	(71.6)	(71.7)	(166.2)	(166.2)	(22.7)	(22.6)	(34.0)	(33.3)	(166.2)	(166.2)	(73.0)	(72.8)	(214.4)	(209.5)	(166.2)	(166.2)
field_engineering	43.0**	42.9**	132.4***	131.9***	-324.0	-324.1	68.0***	68.1***	142.3***	142.4***	-324.0	-324.1	52.4	52.5	27.5	22.6	-324.0	-324.1
	(20.5)	(20.4)	(35.3)	(34.8)	(302.9)	(302.9)	(11.7)	(11.8)	(25.1)	(24.5)	(302.9)	(302.9)	(35.6)	(35.6)	(36.7)	(16.2)	(302.9)	(302.9)
field_environmental_science	580.8**	581.1**	135.7**	134.2**	589.4	589.0	76.0***	76.1***	87.4***	85.9***	589.4	589.0	38.9	39.0	-189.3	-191.0	589.4	589.0
	(275.6)	(275.7)	(64.3)	(65.4)	(396.4)	(396.4)	(11.7)	(11.6)	(21.5)	(21.8)	(396.4)	(396.4)	(36.6)	(36.4)	(161.0)	(161.8)	(396.4)	(396.4)
field_health_professions	79.7**	78.9**	0.683	1.51	208.6**	207.4**	66.6	66.7	171.1	159.7	208.6**	207.4**	100.4**	100.9**	-135.1	-141.5	208.6**	207.4**
	(31.2)	(31.4)	(78.1)	(77.8)	(85.2)	(84.6)	(44.6)	(44.7)	(147.7)	(150.9)	(85.2)	(84.6)	(41.7)	(41.6)	(166.9)	(170.6)	(85.2)	(84.6)
field_immunology_and_microbiology	105.4***	106.0***	113.8***	114.3***	124.5***	124.1***	105.3***	105.3***	72.1**	71.1**	124.5***	124.1***	99.6***	99.6***	96.9*	99.1*	124.5***	124.1***
	(11.4)	(11.3)	(20.0)	(19.3)	(19.5)	(19.3)	(14.3)	(14.1)	(26.9)	(28.8)	(19.5)	(19.3)	(19.1)	(19.4)	(55.9)	(53.9)	(19.5)	(19.3)
field_materials_science	190.7***	190.4***	153.0***	153.0***	145.4*	145.3*	46.5***	46.7***	48.4**	49.9**	145.4*	145.3*	-3.92	-3.19	-315.0	-307.4	145.4*	145.3*
	(33.5)	(33.4)	(24.3)	(24.2)	(74.2)	(74.3)	(15.3)	(15.3)	(20.0)	(19.8)	(74.2)	(74.3)	(64.1)	(64.1)	(213.4)	(209.1)	(74.2)	(74.3)
field_mathematics	93.4**	90.1*	269.3**	275.5**	-356.4	-355.1	265.4	266.2	676.4	685.5	-356.4	-355.1	88.7**	86.5**	166.9	167.2	-356.4	-355.1
	(44.1)	(44.3)	(105.1)	(108.6)	(439.3)	(439.1)	(179.3)	(179.3)	(625.2)	(635.9)	(439.3)	(439.1)	(39.9)	(39.9)	(126.1)	(120.7)	(439.3)	(439.1)
field_medicine	197.5***	197.2***	210.1***	209.7***	195.1***	195.3***	190.8***	190.9***	179.3***	180.1***	195.1***	195.3***	186.1***	185.8***	221.7***	219.5***	195.1***	195.3***
	(31.3)	(31.1)	(63.4)	(62.7)	(35.9)	(36.0)	(32.3)	(52.4)	(55.3)	(55.5)	(35.9)	(36.0)	(24.0)	(23.8)	(80.1)	(78.4)	(35.9)	(36.0)
field_neuroscience	101.0***	101.7***	120.6***	120.7***	15.8	15.8	54.8***	55.0***	100.1***	99.6***	15.8	15.8	98.7**	99.2**	-6.09	-3.73	15.8	15.8
	(16.1)	(15.9)	(21.3)	(20.7)	(53.2)	(53.3)	(14.0)	(14.0)	(22.8)	(22.7)	(53.2)	(53.3)	(38.2)	(38.3)	(81.9)	(77.9)	(53.2)	(53.3)
field_nursing	20.6	20.8	75.1	74.4	117.6*	117.4*	75.7**	76.3**	-19.1	-18.6	117.6*	117.4*	28.1	28.8	-136.7	-130.4	117.6*	117.4*
	(26.0)	(26.0)	(48.8)	(48.6)	(63.8)	(63.7)	(28.5)	(28.5)	(33.3)	(33.9)	(63.8)	(63.7)	(29.5)	(29.1)	(137.6)	(126.2)	(63.8)	(63.7)
field_pharmacology_toxicology_and_pharmaceutics	83.1***	82.6***	106.6**	106.5**	148.6***	148.0***	34.3	34.5	57.9	57.9	148.6***	148.0***	123.9***	124.9***	261.6	264.1	148.6***	148.0***
	(23.4)	(23.6)	(51.4)	(44.5)	(53.6)	(53.6)	(31.1)	(31.0)	(73.8)	(73.4)	(53.6)	(53.6)	(25.1)	(25.2)	(249.5)	(246.2)	(53.6)	(53.6)
field_physics_and_astronomy	-1,040.9	-1,041.3	-818.1*	-817.8*	7,029.4	7,028.8	66.8***	67.0***	80.6***	74.1***	7,029.4	7,028.8	117.4	118.6	46.2	-5.28	7,029.4	7,028.8
	(791.2)	(791.5)	(451.3)	(451.0)	(5,227.4)	(5,227.2)	(17.4)	(17.5)	(21.7)	(21.1)	(5,227.4)	(5,227.2)	(78.2)	(77.7)	(237.2)	(247.9)	(5,227.4)	(5,227.2)
field_psychology	131.0***	129.4***	282.2**	277.3**	156.9*	157.1*	79.8**	80.0**	33.9	34.8	156.9*	157.1*	94.8***	93.5***	206.3*	217.0*	156.9*	157.1*
	(18.9)	(19.5)	(115.3)	(116.3)	(79.8)	(79.9)	(37.1)	(37.1)	(74.1)	(71.3)	(79.8)	(79.9)	(26.4)	(27.5)	(121.5)	(116.5)	(79.8)	(79.9)
field_social_sciences	51.8	51.7	122.8	131.2	-28.2	-27.5	73.3	73.1	24.2	26.8	-28.2	-27.5	93.6***	90.3***	425.2	436.3	-28.2	-27.5
	(39.8)	(39.8)	(136.4)	(139.5)	(95.5)	(95.5)	(44.9)	(44.8)	(87.9)	(81.9)	(95.5)	(95.5)	(26.8)	(26.9)	(287.4)	(288.8)	(95.5)	(95.5)
field_veterinary	92.2	93.3	63.4	66.9	103.5	100.9	115.9	114.7	-30.0	-28.4	103.5	100.9	230.5***	232.0***	88.4	85.0	103.5	100.9
	(78.4)	(78.9)	(59.3)	(58.4)	(119.0)	(117.7)	(70.9)	(70.8)	(91.5)	(92.5)	(119.0)	(117.7)	(72.8)	(74.2)	(296.4)	(282.9)	(119.0)	(117.7)
mesh_.	-34.1	-38.7	-5.59	-528.4	-234.0	-233.9	-85.1	-82.8	-324.5	-316.3	-234.0	-233.9	-358.6**	-362.9**	-103.5	-122.8	-234.0	-233.9
	(98.7)	(98.9)	(357.3)	(356.0)	(388.4)	(389.2)	(88.8)	(89.1)	(292.4)	(298.1)	(388.4)	(389.2)	(163.9)	(164.3)	(687.0)	(701.5)	(388.4)	(389.2)
mesh_A	-5.76	-5.79	7.02	6.65	-43.3	-43.1	-3.74	-3.83	0.245	-0.399	-43.3	-43.1	-10.7	-10.7	18.3	16.3	-43.3	-43.1
	(5.54)	(5.48)	(12.2)	(10.3)	(30.7)	(30.5)	(3.30)	(3.30)	(8.36)	(8.52)	(30.7)	(30.5)	(6.77)	(6.81)	(30.8)	(30.6)	(30.7)	(30.5)
mesh_B	-42.3**	-42.7**	-40.1	-40.0*	-96.5**	-96.4**	-31.7***	-31.8**	-34.7*	-34.6*	-96.5**	-96.4**	-82.6***	-82.6***	-34.4	-34.3	-96.5**	-96.4**
	(19.2)	(19.3)	(24.0)	(22.9)	(36.9)	(36.9)	(12.8)	(13.0)	(19.6)	(19.3)	(36.9)	(36.9)	(24.1)	(24.7)	(52.1)	(51.7)	(36.9)	(36.9)
mesh_C	-13.9	-13.6	-40.6	-41.1	-8.60	-8.87	-25.5	-25.4	-16.8	-18.1	-8.60	-8.87	-20.7	-20.3*	-38.2	-38.4	-8.60	-8.87
	(15.0)	(15.0)	(36.8)	(36.6)	(24.5)	(24.5)	(16.8)	(16.8)	(42.9)	(43.7)	(24.5)	(24.5)	(12.1)	(11.9)	(33.5)	(32.6)	(24.5)	(24.5)
mesh_D	-18.2**	-18.2**	-11.1	-10.6*	-2.00	-1.95	-8.01***	-7.99***	3.97	4.34	-2.00	-1.95	-16.3**	-16.4**	-33.5	-32.2	-2.00	-1.95
	(7.02)	(6.98)	(6.59)	(5.99)	(11.4)	(11.4)	(3.25)	(3.23)	(4.04)	(4.15)	(11.4)	(11.4)	(7.00)	(7.04)	(26.4)	(26.9)	(11.4)	(11.4)
mesh_E	-9.04	-8.64	-9.78	-10.2	-67.7*	-67.9*	-14.8*	-14.7*	-2.95	-3.57	-67.7*	-67.9*	-25.9	-25.5	-28.3	-27.6	-67.7*	-67.9*
	(12.6)	(12.6)	(20.0)	(19.9)	(37.9)	(38.0)	(7.80)	(7.75)	(14.8)	(14.2)	(37.9)	(38.0)	(16.8)	(16.5)	(60.0)	(62.3)	(37.9)	(38.0)
mesh_F	4.23	4.86	135.1**	136.1**	44.5	44.1	2.53	2.27	78.4*	80.3*	44.5	44.1	9.00	8.87	257.6	261.5	44.5	44.1
	(10.6)	(10.6)	(50.4)	(50.3)	(38.7)	(38.6)	(10.6)	(10.6)	(42.8)	(46.8)	(38.7)	(38.6)	(17.6)	(17.6)	(192.1)	(184.2)	(38.7)	(38.6)
mesh_G	-19.3*	-19.3*	-11.3	-9.73	-20.6	-20.4	-5.19	-5.18	-10.2	-9.30	-20.6	-20.4	-34.6*	-34.9*	-105.5	-100.2	-20.6	-20.4
	(11.0)	(11.1)	(11.3)	(10.5)	(21.8)	(21.8)	(4.29)	(4.25)	(7.33)	(7.13)	(21.8)	(21.8)	(17.2)	(17.4)	(83.5)	(80.5)	(21.8)	(21.8)
mesh_H	-122.8**	-122.0**	-99.7	-96.7	-286.4*	-287.3*	-0.134	-0.180	15.5	12.2	-286.4*	-287.3*	-131.0	-131.6	-174.5	-204.2	-286.4*	-287.3*
	(58.8)	(58.6)	(93.6)	(93.7)	(165.0)	(165.4)	(20.2)	(20.3)	(32.9)	(33.4)	(165.0)	(165.4)	(80.7)	(81.0)	(254.3)	(264.3)	(165.0)	(165.4)
mesh_I	26.7	26.9	-462.8	-465.1	150.3	149.4	48.2	47.1	139.7	117.7	150.3	149.4	-6.20	-6.16	-150.2	-145.1	150.3	149.4
	(45.2)	(45.3)	(280.7)	(280.9)	(184.0)	(183.8)	(39.9)	(40.0)	(146.9)	(163.0)	(184.0)	(183.8)	(38.4)	(38.3)	(297.2)	(296.7)	(184.0)	(183.8)
mesh_J	2.72	2.70	34.3	36.1	-18.5	-18.3	10.3	10.3	-1.84	-1.41	-18.5	-18.3	15.8	17.4	22.3	17.7	-18.5	-18.3
	(14.0)	(14.0)	(30.1)	(26.7)	(35.6)	(35.5)	(8.24)	(8.25)	(29.0)	(28.0)	(35.6)	(35.5)	(24.7)	(25.4)	(142.2)	(141.0)	(35.6)	(35.5)
mesh_K	13.0	12.3	98.2	89.5	-1,231.1	-1,221.6	54.3	54.2	102.7	111.4	-1,231.1	-1,221.6	11.3	23.4	-143.5	-177.0	-1,231.1	-1,221.6
	(52.9)	(53.0)	(113.7)	(105.9)	(868.0)	(866.9)	(65.5)	(65.3)	(178.8)	(164.7)	(868.0)	(866.9)	(149.0)	(150.4)	(573.4)	(644.7)	(868.0)	(866.9)
mesh_L	-6.59	-6.65	6.71	6.68	-32.3	-32.5	-13.9	-14.0	20.1	20.4	-32.3	-32.5	-9.98	-8.88	55.8	35.2	-32.3	-32.5
	(16.3)	(16.4)	(24.9)	(23.9)	(52.4)	(52.6)	(8.32)	(8.36)	(20.4)	(20.2)	(52.4)	(52.6)	(31.7)	(30.4)	(123.4)	(125.6)	(52.4)	(52.6)
mesh_M	11.9	11.6	-83.5	-83.7	137.3	137.0	-35.0	-35.1	-98.1	-94.0	137.3	137.0	-30.6*	-30.4*	-27.5	-31.3	137.3	137.0
	(23.3)	(23.0)	(46.5)	(41.3)	(60.1)	(59.9)	(20.7)	(20.7)	(33.0)	(34.1)	(60.1)	(59.9)	(18.4)	(18.5)	(78.2)	(87.2)	(60.1)	(59.9)
mesh_N	-46.4**	-46.7**	-21.5	-23.9	-112.1*	-111.5*	-25.2	-25.0	-18.4	-19.5	-112.1*	-111.5*	-30.8**	-21.1**	41.0	42.6	-112.1*	-111.5*
	(27.2)	(27.2)	(46.5)	(41.3)	(60.1)	(59.9)	(20.7)	(20.7)	(33.0)	(34.1)	(60.1)	(59.9)	(18.4)	(8.57)	(63.2)	(62.8)	(60.1)	(59.9)
mesh_Z	-113.8***	-113.0**	-96.6	-97.1	-321.6**	-320.8**	8.51	8.28	-43.9	-43.6	-321.6**	-320.8**	37.0*	37.4*	-171.7	-180.8	-321.6**	-320.8**
	(49.1)	(48.7)	(111.2)	(111.2)	(122.3)	(122.2)	(26.7)	(26.7)	(113.7)	(99.3)	(122.3)	(122.2)	(20.2)	(20.4)	(236.1)	(229.1)	(122.3)	(122.2)
mesh_n	-19.9	-18.8	31.7	34.8	-85.5	-86.0	-8.70	-9.05	57.9	56.9	-85.5	-86.0	38.1	37.7	36.8	46.4	-85.5	-86.0
	(30.5)	(30.4)	(57.4)	(57.5)	(92.3)	(92.3)	(29.7)	(29.6)	(59.6)	(61.7)	(92.3)	(92.3)	(29.3)	(29.3)	(114.3)	(118.3)	(92.3)	(92.3)
AlphaFold × Counterfactual AI	0.765	0.024**	0.551	0.032	-1.31	-0.015	-0.034	0.011	-0.230	0.019	-1.31	-0.015	-0.236	0.008	1.01	0.043	-1.31	-0.015
	(0.648)	(0.010)	(0.854)	(0.021)	(1.54)	(0.033)	(0.217)	(0.007)	(0.533)	(0.013)	(1.54)	(0.033)	(0.956)	(0.010)	(1.22)	(0.027)	(1.54)	(0.033)
AlphaFold × Counterfactual No AI	1.18	0.003	0.262	0.003	-1.57	-0.006	0.334	-0.0006	0.332	0.008	-1.57	-0.006	0.110	0.0004	0.099	0.004	-1.57	-0.006
	(0.834)	(0.003)	(0.694)	(0.002)	(2.34)	(0.004)	(0.213)	(0.0004)	(0.855)	(0.005)	(2.34)	(0.004)	(0.282)	(0.0008)	(0.733)	(0.003)	(2.34)	(0.004)
AlphaFold - Method × Counterfactual AI - Method	-0.316	-0.349	0.199	0.206	0.886	0.781	0.028	0.020	0.097	-0.022	0.886	0.781	-0.457	-0.474	0.670	0.737	0.886	0.781
	(0.255)	(0.264)	(0.329)	(0.194)	(0.720)	(0.720)	(0.142)	(0.137)	(0.236)	(0.170)	(0.720)	(0.720)	(0.452)	(0.467)	(0.524)	(0.428)	(0.720)	(0.720)
AlphaFold - Method × Counterfactual No AI - Method	-0.005	-0.010	-0.004	-0.020	-0.005	0.0010	0.009	0.009	0.192**	0.120	-0.005	0.0010	0.004	0.004	-0.018	-0.038*	-0.005	0.0010
	(0.008)	(0.013)	(0.024)	(0.017)	(0.013)	(0.013)	(0.010)	(0.009)	(0.090)	(0.102)	(0.013)	(0.013)	(0.007)	(0.007)	(0.016)	(0.022)	(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_share_2020	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fit statistics																		
Observations	107,662	107,662	10,281	10,281	78,819	78,819	33,010	33,010	4,824	4,824	78,819	78,819	45,023	45,023	3,079	3,079	78,819	78,819
R²	0.47	0.47	0.57	0.57	0.54	0.54	0.61	0.61	0.62	0.63	0.54	0.54	0.55	0.55	0.55	0.55	0.54	0.54
Mean(Dep. Var.)	5.326	5.326	4.719	4.719	5.389	5.389	4.043	4.043	4.397	4.397	5.389	5.389	5.778	5.778	5.485	5.485	5.389	5.389

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