Electronic Supplement for the article: CHRISTIAN GERHARDS, MYRIAM BAUM: **Use of artificial intelligence by companies in Germany. Prevalence and enabling factors** (German original: Nutzung Künstlicher Intelligenz in Betrieben in Deutschland. Verbreitung und begünstigende Faktoren. In: BWP 53 [2024] 1, pp. 21-23). URL: <a href="https://www.bwp-zeitschrift.de/dienst/publikationen/en/19473">www.bwp-zeitschrift.de/dienst/publikationen/en/19473</a>

**Table**Ordinal regression model on influencing factors for the (planned) deployment of AI at companies

100 to 199 employees       -0.087***       0.040***       0.047**         200 and more employees       -0.116***       0.052***       0.064**         Sector (Manufacturing industry)       Ref.       Ref.       Ref.         Primary sector       -0.046       0.018       0.028         Construction       0.013       -0.006       -0.008         Trade & repairs       0.045*       -0.020*       -0.026*         Company-related services       -0.032       0.013       0.019         Other, mainly personal services       -0.002       0.001       0.001         Medical services       0.079**       -0.036**       -0.044**		No use of Al	Use of AI planned	Use of Al
100 to 199 employees       -0.087***       0.040***       0.047**         200 and more employees       -0.116***       0.052***       0.064**         Sector (Manufacturing industry)       Ref.       Ref.       Ref.         Primary sector       -0.046       0.018       0.028         Construction       0.013       -0.006       -0.008         Trade & repairs       0.045*       -0.020*       -0.026*         Company-related services       -0.032       0.013       0.019         Other, mainly personal services       -0.002       0.001       0.001         Medical services       0.079**       -0.036**       -0.044**         Public sector and education       0.102***       -0.047***       -0.055***         VET company       0.005       -0.002       -0.003         Proportion of continuing training participants       -0.023       0.01       0.013         Proportion of employees with simple tasks       0.075**       -0.031**       -0.044**         Chamber membership (No chamber)       Ref.       Ref.       Ref.         Chamber of commerce and industry       0.021       -0.009       -0.012         Chamber of crafts and trades       0.065*       -0.028*       -0.037* <td>Company size (1 to 19 employees)</td> <td>Ref.</td> <td>Ref.</td> <td>Ref.</td>	Company size (1 to 19 employees)	Ref.	Ref.	Ref.
200 and more employees         -0.116***         0.052***         0.064**           Sector (Manufacturing industry)         Ref.         Ref.         Ref.           Primary sector         -0.046         0.018         0.028           Construction         0.013         -0.006         -0.008           Trade & repairs         0.045*         -0.020*         -0.026*           Company-related services         -0.032         0.013         0.019           Other, mainly personal services         -0.002         0.001         0.001           Medical services         0.079**         -0.036**         -0.044**           Public sector and education         0.102***         -0.047***         -0.055***           VET company         0.005         -0.002         -0.003           Proportion of continuing training participants         -0.023         0.01         0.013           Proportion of employees with simple tasks         0.075**         -0.031**         -0.044**           Chamber membership (No chamber)         Ref.         Ref.         Ref.           Chamber of crafts and trades         0.065*         -0.028*         -0.037*	20 to 99 employees	-0.064***	0.030***	0.034***
Sector (Manufacturing industry)         Ref.         Ref.         Ref.           Primary sector         -0.046         0.018         0.028           Construction         0.013         -0.006         -0.008           Trade & repairs         0.045*         -0.020*         -0.026*           Company-related services         -0.032         0.013         0.019           Other, mainly personal services         -0.002         0.001         0.001           Medical services         0.079**         -0.036**         -0.044**           Public sector and education         0.102***         -0.047***         -0.055***           VET company         0.005         -0.002         -0.003           Proportion of continuing training participants         -0.023         0.01         0.013           Proportion of employees with simple tasks         0.075**         -0.031**         -0.044**           Chamber membership (No chamber)         Ref.         Ref.         Ref.           Chamber of commerce and industry         0.021         -0.009         -0.012           Chamber of crafts and trades         0.065*         -0.028*         -0.037*	100 to 199 employees	-0.087***	0.040***	0.047***
Primary sector         -0.046         0.018         0.028           Construction         0.013         -0.006         -0.008           Trade & repairs         0.045*         -0.020*         -0.026*           Company-related services         -0.032         0.013         0.019           Other, mainly personal services         -0.002         0.001         0.001           Medical services         0.079**         -0.036**         -0.044**           Public sector and education         0.102***         -0.047***         -0.055***           VET company         0.005         -0.002         -0.003           Proportion of continuing training participants         -0.023         0.01         0.013           Proportion of employees with simple tasks         0.075**         -0.031**         -0.044**           Chamber membership (No chamber)         Ref.         Ref.         Ref.           Chamber of commerce and industry         0.021         -0.009         -0.012           Chamber of crafts and trades         0.065*         -0.028*         -0.037*	200 and more employees	-0.116***	0.052***	0.064***
Construction         0.013         -0.006         -0.008           Trade & repairs         0.045*         -0.020*         -0.026*           Company-related services         -0.032         0.013         0.019           Other, mainly personal services         -0.002         0.001         0.001           Medical services         0.079**         -0.036**         -0.044**           Public sector and education         0.102***         -0.047***         -0.055***           VET company         0.005         -0.002         -0.003           Proportion of continuing training participants         -0.023         0.01         0.013           Proportion of employees with simple tasks         0.075**         -0.031**         -0.044**           Chamber membership (No chamber)         Ref.         Ref.         Ref.           Chamber of commerce and industry         0.021         -0.009         -0.012           Chamber of crafts and trades         0.065*         -0.028*         -0.037*	Sector (Manufacturing industry)	Ref.	Ref.	Ref.
Trade & repairs         0.045*         -0.020*         -0.026*           Company-related services         -0.032         0.013         0.019           Other, mainly personal services         -0.002         0.001         0.001           Medical services         0.079**         -0.036**         -0.044**           Public sector and education         0.102***         -0.047***         -0.055***           VET company         0.005         -0.002         -0.003           Proportion of continuing training participants         -0.023         0.01         0.013           Proportion of employees with simple tasks         0.075**         -0.031**         -0.044**           Chamber membership (No chamber)         Ref.         Ref.         Ref.           Chamber of commerce and industry         0.021         -0.009         -0.012           Chamber of crafts and trades         0.065*         -0.028*         -0.037*	Primary sector	-0.046	0.018	0.028
Company-related services	Construction	0.013	-0.006	-0.008
Other, mainly personal services         -0.002         0.001         0.001           Medical services         0.079**         -0.036**         -0.044**           Public sector and education         0.102***         -0.047***         -0.055***           VET company         0.005         -0.002         -0.003           Proportion of continuing training participants         -0.023         0.01         0.013           Proportion of employees with simple tasks         0.075**         -0.031**         -0.044**           Chamber membership (No chamber)         Ref.         Ref.         Ref.           Chamber of commerce and industry         0.021         -0.009         -0.012           Chamber of crafts and trades         0.065*         -0.028*         -0.037*	Trade & repairs	0.045*	-0.020*	-0.026*
Medical services         0.079**         -0.036**         -0.044**           Public sector and education         0.102***         -0.047***         -0.055***           VET company         0.005         -0.002         -0.003           Proportion of continuing training participants         -0.023         0.01         0.013           Proportion of employees with simple tasks         0.075**         -0.031**         -0.044**           Chamber membership (No chamber)         Ref.         Ref.         Ref.           Chamber of commerce and industry         0.021         -0.009         -0.012           Chamber of crafts and trades         0.065*         -0.028*         -0.037*	Company-related services	-0.032	0.013	0.019
Public sector and education0.102***-0.047***-0.055***VET company0.005-0.002-0.003Proportion of continuing training participants-0.0230.010.013Proportion of employees with simple tasks0.075**-0.031**-0.044**Chamber membership (No chamber)Ref.Ref.Ref.Chamber of commerce and industry0.021-0.009-0.012Chamber of crafts and trades0.065*-0.028*-0.037*	Other, mainly personal services	-0.002	0.001	0.001
VET company  0.005 -0.002 -0.003  Proportion of continuing training participants -0.023 0.01 0.013  Proportion of employees with simple tasks 0.075** -0.031** -0.044**  Chamber membership (No chamber) Ref. Ref. Ref. Ref. Chamber of commerce and industry 0.021 -0.009 -0.012 Chamber of crafts and trades 0.065* -0.028* -0.037*	Medical services	0.079**	-0.036**	-0.044**
Proportion of continuing training participants  -0.023  0.01  0.013  Proportion of employees with simple tasks  0.075**  -0.031**  -0.044**  Chamber membership (No chamber)  Ref.  Ref.  Ref.  Chamber of commerce and industry  0.021  -0.009  -0.012  Chamber of crafts and trades  0.065*  -0.028*  -0.037*	Public sector and education	0.102***	-0.047***	-0.055***
Proportion of employees with simple tasks  0.075** -0.031** -0.044**  Chamber membership (No chamber)  Ref.  Ref.  Ref.  O.009 -0.012 Chamber of crafts and trades  0.065* -0.028* -0.037*	VET company	0.005	-0.002	-0.003
Chamber membership (No chamber)Ref.Ref.Ref.Chamber of commerce and industry0.021-0.009-0.012Chamber of crafts and trades0.065*-0.028*-0.037*	Proportion of continuing training participants	-0.023	0.01	0.013
Chamber of commerce and industry         0.021         -0.009         -0.012           Chamber of crafts and trades         0.065*         -0.028*         -0.037*	Proportion of employees with simple tasks	0.075**	-0.031**	-0.044**
<b>Chamber of crafts and trades</b> 0.065* -0.028* -0.037*	Chamber membership (No chamber)	Ref.	Ref.	Ref.
	Chamber of commerce and industry	0.021	-0.009	-0.012
Other chambers         -0.015         0.006         0.009	Chamber of crafts and trades	0.065*	-0.028*	-0.037*
	Other chambers	-0.015	0.006	0.009
Eastern Germany -0.012 0.005 0.007	Eastern Germany	-0.012	0.005	0.007
Status of digitalisation (not including AI) -0.049*** 0.020*** 0.029**	Status of digitalisation (not including AI)	-0.049***	0.020***	0.029***

Source: BIBB Training Panel 2022, Ordered logit model, n = 3,355, Pseudo  $R^2 = 0.1397$ , Average marginal effects (AMEs), Ref. = Reference category, VET = Vocational education and training