

Table

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

	No use of AI	Use of AI planned	Use of AI
Company size (1 to 19 employees)	Ref.	Ref.	Ref.
20 to 99 employees	-0.064***	0.030***	0.034***
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*
Other chambers	-0.015	0.006	0.009
Eastern Germany	-0.012	0.005	0.007
Status of digitalisation (not including AI)	-0.049***	0.020***	0.029***

Source: BIBB Training Panel 2022, Ordered logit model, n = 3,355, Pseudo R² = 0.1397, Average marginal effects (AMEs), Ref. = Reference category, VET = Vocational education and training