

S4. Description of the algorithm used in the orthoses of inserted patents.

Author (s)	Patent ID	Algorithm (s) used
Schweighofer et al., 2010	US8419661B2	Logistic regression model
Murguialday et al., 2016	EP 3 545 833 A1	NMF
Tang et al., 2017	CN-207101480-U	CNN
Murguialday et al., 2019	EP 3 545 833 A1	Linear regression

Abbreviations: CNN = Convolutional Neural Network; NMF = Non-negative Matrix Factorization.