

Supplementary Material

CHROMATOGRAPHIC PARAMETERS AS TOOLS FOR PREDICTION

BIOLOGICAL ACTIVITY OF THE AZO DERIVATIVES

Suzana Apostolov*, Gyöngyi Vastag

University of Novi Sad, Faculty of Sciences, Department of Chemistry, Biochemistry and Environmental Protection, Trg Dositeja Obradovića 3, 21000 Novi Sad, Serbia

*E-mail address of corresponding author: suzana.apostolov@dh.uns.ac.rs

Table S1. Hammett substituent constant, $\sigma_{m/p}$

R	$\sigma_{m/p}$
H	0.00
Cl	0.23
Br	0.23
F	0.06
NO ₂	0.78
OH	-0.37
COOH	0.55
COCH ₃	0.50
CH ₃	-0.17
OCH ₃	-0.27

Table S2. Hansch substituent constant, π

R	π
H	0.00
Cl	0.71
Br	0.86
F	0.14
NO ₂	-0.28
OH	-0.67
COOH	-0.32
COCH ₃	-0.55
CH ₃	0.56
OCH ₃	-0.02

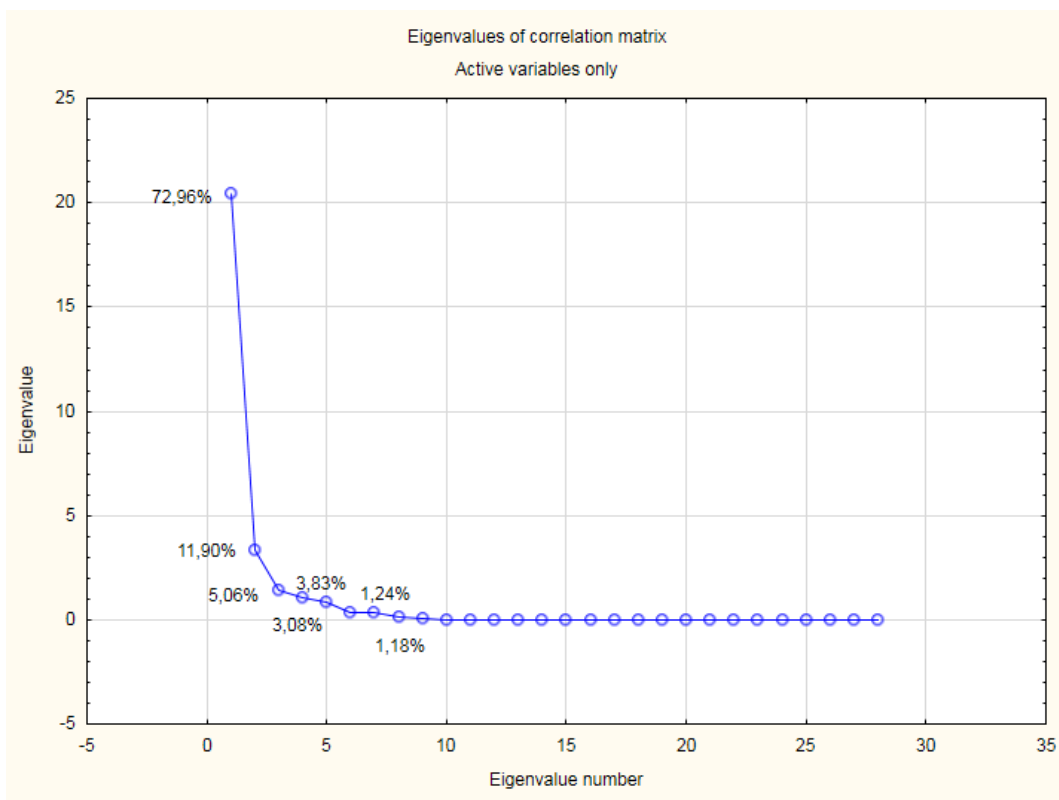


Fig. S1. Eigenvalues of correlation matrix for the studied compounds