

(A)

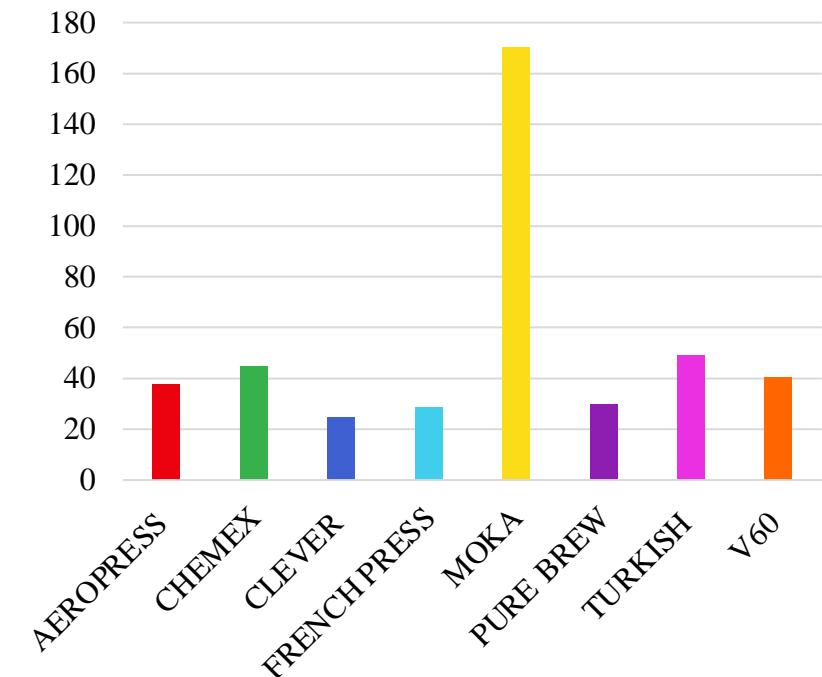
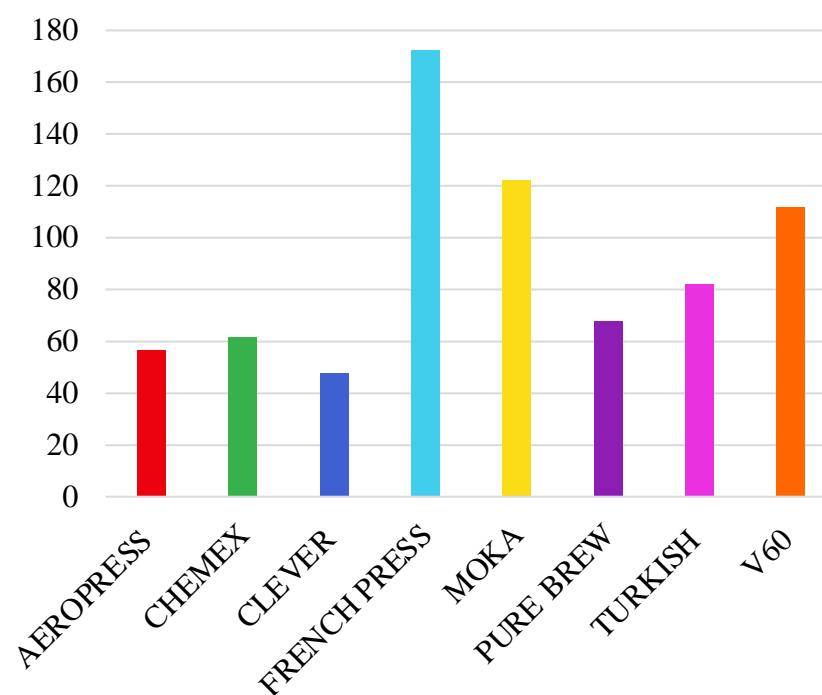
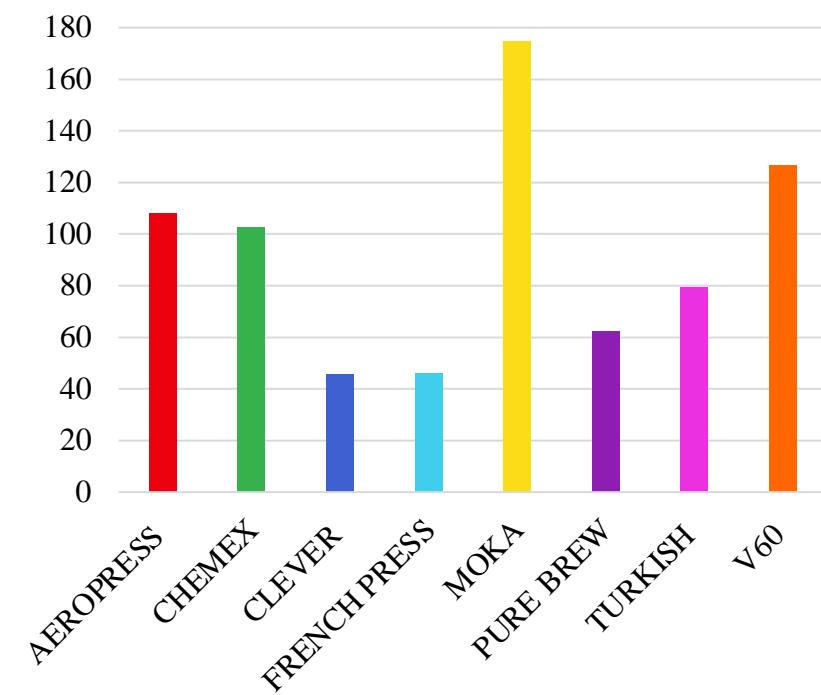


Figure 1S Average contents of the analysed analytes, given for eight different filter coffee extraction methods with three different coffee beans. (A) Concentration of acrylamide (ng/mL) for each coffee samples by HPLC-MS/MS. (B) Concentration of chlorogenic acids (mg/L) for each coffee samples by HPLC-DAD. (C) Concentration of caffeine (mg/L) for each coffee samples by HPLC-DAD.

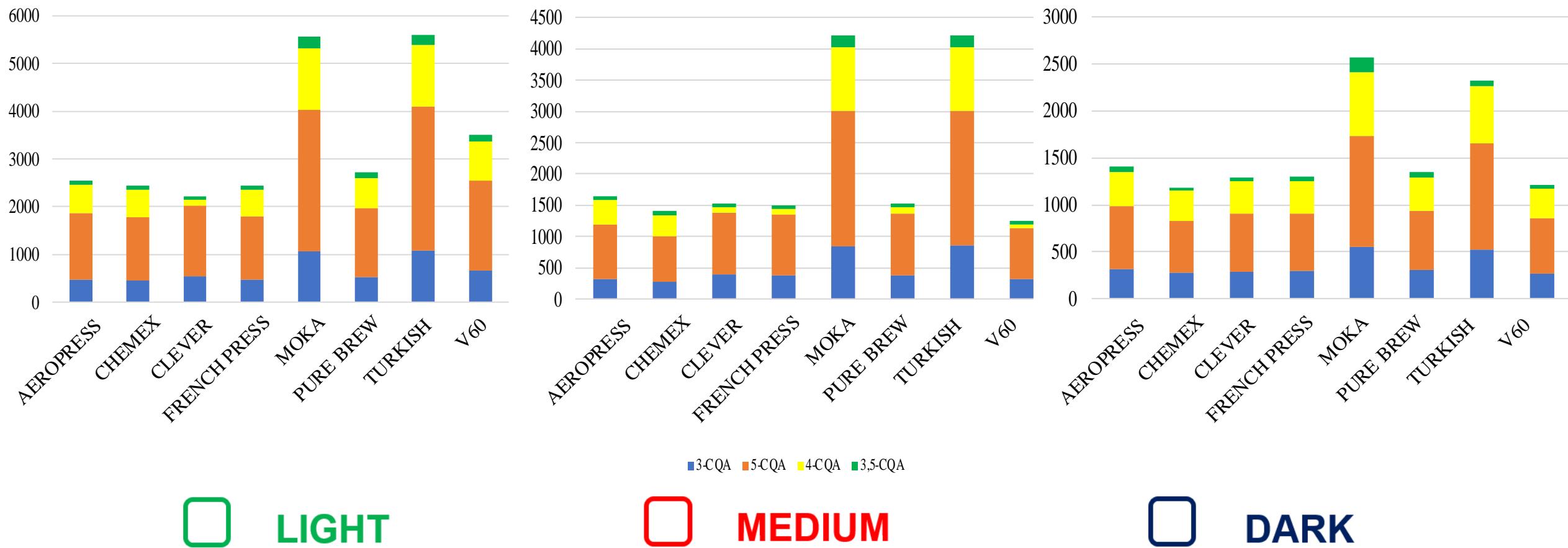
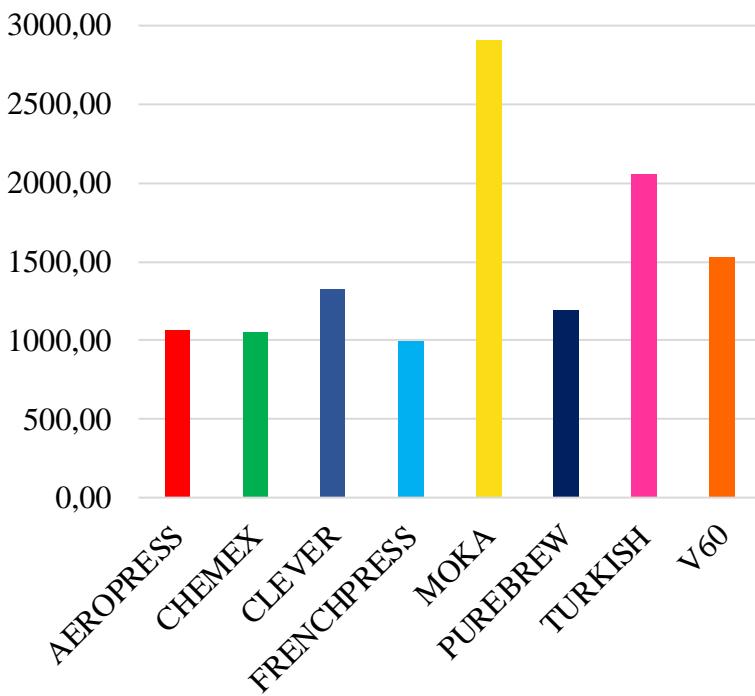
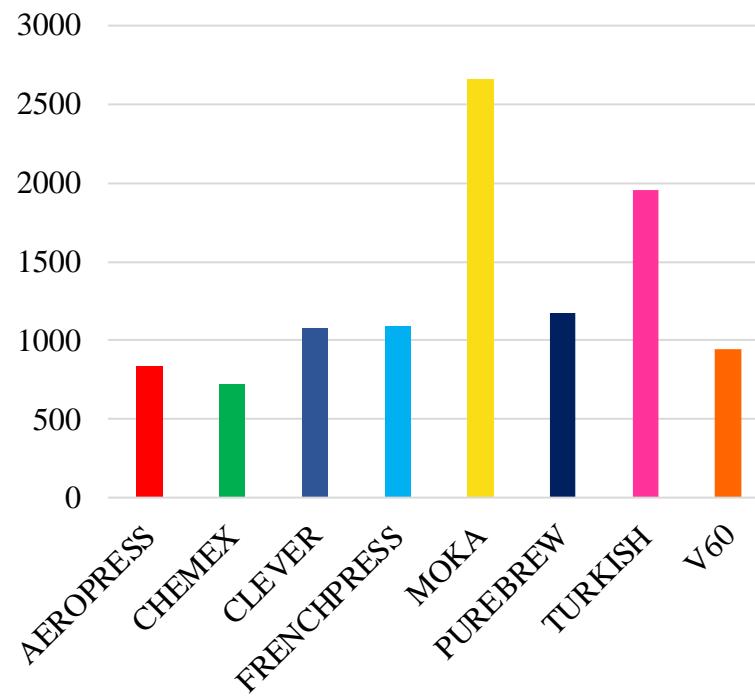
(B)

Figure 1S Average contents of the analysed analytes, given for eight different filter coffee extraction methods with three different coffee beans. (A) Concentration of acrylamide (ng/mL) for each coffee samples by HPLC-MS/MS. (B) Concentration of chlorogenic acids (mg/L) for each coffee samples by HPLC-DAD. (C) Concentration of caffeine (mg/L) for each coffee samples by HPLC-DAD.

(C)

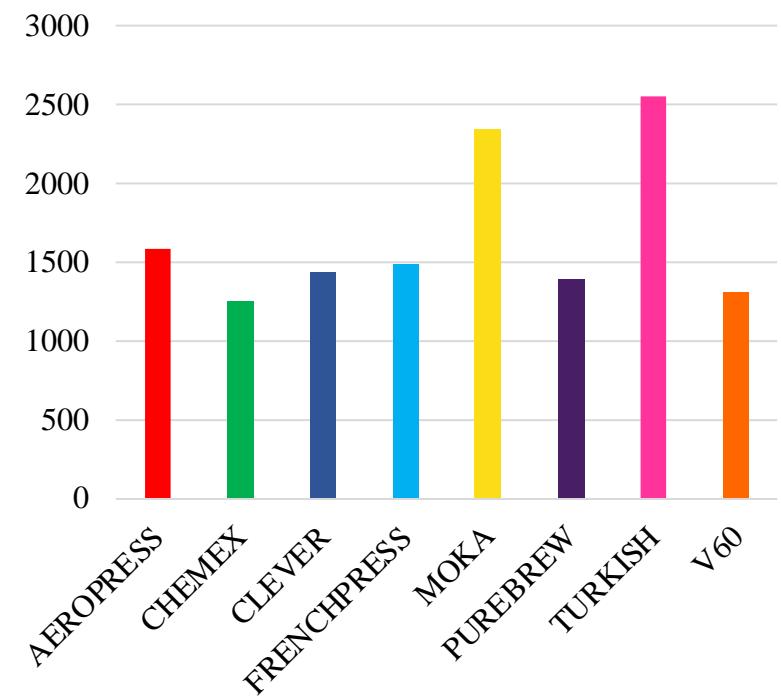


LIGHT



MEDIUM

<input type="checkbox"/>	Aeropress	<input type="checkbox"/>	Moka
<input type="checkbox"/>	Chemex	<input type="checkbox"/>	Pure Brew
<input type="checkbox"/>	Clever	<input type="checkbox"/>	Turkish
<input type="checkbox"/>	French Press	<input type="checkbox"/>	V60



DARK

Figure 1S Average contents of the analysed analytes, given for eight different filter coffee extraction methods with three different coffee beans. (A) Concentration of acrylamide (ng/mL) for each coffee samples by HPLC-MS/MS. (B) Concentration of chlorogenic acids (mg/L) for each coffee samples by HPLC-DAD. (C) Concentration of caffeine (mg/L) for each coffee samples by HPLC-DAD.

Table 1S Particle size results (mean \pm standard deviation) obtained with Mastersizer 3000 Aero Series (Malvern PANalytical Ltd., UK).

Sample	Particle size (μm)	Sample	Particle size (μm)	Sample	Particle size (μm)
AEROPRESS LIGHT	1430.32 ± 4.50	AEROPRESS MEDIUM	772.65 ± 5.25	AEROPRESS DARK	2140.47 ± 9.36
CHEMEX LIGHT	2040.78 ± 3.72	CHEMEX MEDIUM	2010.19 ± 6.07	CHEMEX DARK	994.53 ± 4.25
CLEVER LIGHT	776.44 ± 1.92	CLEVER MEDIUM	778.31 ± 2.44	CLEVER DARK	724.79 ± 4.44
FRENCH PRESS LIGHT	846.35 ± 2.41	FRENCH PRESS MEDIUM	831.58 ± 4.11	FRENCH PRESS DARK	720.47 ± 1.25
MOKA LIGHT	629.23 ± 4.95	MOKA MEDIUM	655.58 ± 1.3	MOKA DARK	684.41 ± 2.17
PURE BREW LIGHT	1050.33 ± 7.08	PURE BREW MEDIUM	1330.79 ± 8.69	PURE BREW DARK	1140.72 ± 5.68
TURKISH LIGHT	261.18 ± 1.22	TURKISH MEDIUM	269.31 ± 1.74	TURKISH DARK	252.18 ± 0.98
V60 LIGHT	1540.38 ± 7.51	V60 MEDIUM	1660 ± 5.94	V60 DARK	1140.07 ± 6.55