	α_{Br}	α_{C}	α_{Cl}	α_{F}	α_{H}	α_{N}	α_{O}	α_{S}	β_{Br}	β_{C}	β_{Cl}	β_{F}	β_{H}	β_{N}	β_{O}	β_{S}	γ_{Br}	γ_{C}	γ_{Cl}	γ_{F}	γ_{H}	γ_{N}	γ_{O}	γ_{S}	K
α_{Br}	1.0	0.3	0.2	0.3	0.3	0.3	0.3	0.3	-0.9	-0.1	-0.1	-0.0	-0.2	-0.1	-0.1	-0.1	-0.8	0.0	-0.0	-0.1	0.0	0.0	0.0	0.1	0.3
α_{C}	0.3	1.0	0.5	0.6	0.7	0.9	0.9	0.9	-0.0	-0.2	-0.0	-0.1	0.0	-0.1	-0.1	-0.1	0.0	-0.2	0.0	-0.1	0.2	0.1	0.1	0.2	0.9
α_{Cl}	0.2	0.5	1.0	0.5	0.4	0.4	0.5	0.4	-0.1	-0.2	-0.8	-0.2	-0.2	-0.3	-0.2	0.0	0.0	0.1	-0.8	-0.2	-0.0	0.2	0.1	0.3	0.5
α_{F}	0.3	0.6	0.5	1.0	0.5	0.5	0.7	0.4	-0.1	-0.5	-0.2	-0.7	-0.3	-0.4	-0.4	-0.1	-0.0	0.1	-0.1	-0.4	-0.0	0.1	0.1	0.4	0.5
α_{H}	0.3	0.7	0.4	0.5	1.0	0.8	0.7	0.7	-0.0	-0.0	-0.0	-0.1	-0.3	-0.0	-0.1	-0.0	0.0	0.2	-0.0	-0.1	-0.5	0.0	0.1	0.2	0.8
α_{N}	0.3	0.9	0.4	0.5	0.8	1.0	0.8	0.9	-0.0	0.0	0.0	-0.0	0.1	0.0	0.0	0.0	-0.0	0.0	-0.0	-0.1	0.1	-0.0	0.0	0.2	1.0
α_{O}	0.3	0.9	0.5	0.7	0.7	0.8	1.0	0.8	-0.1	-0.4	-0.1	-0.3	-0.2	-0.5	-0.5	-0.2	0.0	0.1	-0.0	-0.1	0.0	0.2	-0.1	0.3	0.8
α_{S}	0.3	0.9	0.4	0.4	0.7	0.9	0.8	1.0	-0.0	-0.1	0.1	0.0	0.0	-0.0	-0.0	-0.2	-0.0	0.0	0.1	0.2	0.1	0.0	0.1	-0.1	0.9
β_{Br}	-0.9	-0.0	-0.1	-0.1	-0.0	-0.0	-0.1	-0.0	1.0	0.1	0.1	-0.0	0.2	0.1	0.1	0.1	0.8	-0.0	0.0	0.1	-0.0	-0.0	-0.0	-0.0	-0.0
β_{C}	-0.1	-0.2	-0.2	-0.5	-0.0	0.0	-0.4	-0.1	0.1	1.0	0.3	0.6	0.4	0.8	0.7	0.6	-0.1	0.0	-0.0	-0.1	-0.0	-0.1	-0.3	-0.1	0.0
β_{Cl}	-0.1	-0.0	-0.8	-0.2	-0.0	0.0	-0.1	0.1	0.1	0.3	1.0	0.2	0.2	0.3	0.2	-0.0	0.0	-0.1	0.7	0.2	0.0	-0.1	-0.1	-0.2	0.0
β_{F}	-0.0	-0.1	-0.2	-0.7	-0.1	-0.0	-0.3	0.0	-0.0	0.6	0.2	1.0	0.3	0.5	0.5	0.2	-0.0	-0.0	0.1	0.1	0.0	-0.1	-0.1	-0.3	-0.0
β_{H}	-0.2	0.0	-0.2	-0.3	-0.3	0.1	-0.2	0.0	0.2	0.4	0.2	0.3	1.0	0.5	0.5	0.2	0.1	-0.2	0.1	0.1	0.4	-0.0	-0.0	-0.2	0.1
β_{N}	-0.1	-0.1	-0.3	-0.4	-0.0	0.0	-0.5	-0.0	0.1	0.8	0.3	0.5	0.5	1.0	0.9	0.4	-0.0	-0.1	0.1	-0.0	0.0	-0.3	0.0	-0.2	0.1
β_{O}	-0.1	-0.1	-0.2	-0.4	-0.1	0.0	-0.5	-0.0	0.1	0.7	0.2	0.5	0.5	0.9	1.0	0.3	-0.0	-0.1	0.1	0.0	0.0	-0.2	0.1	-0.2	0.0
β_{S}	-0.1	-0.1	0.0	-0.1	-0.0	0.0	-0.2	-0.2	0.1	0.6	-0.0	0.2	0.2	0.4	0.3	1.0	-0.0	0.0	-0.2	-0.4	0.0	-0.1	-0.2	-0.2	0.0
γ_{Br}	-0.8	0.0	0.0	-0.0	0.0	-0.0	0.0	-0.0	0.8	-0.1	0.0	-0.0	0.1	-0.0	-0.0	-0.0	1.0	0.0	-0.0	0.0	-0.0	0.0	0.0	0.0	-0.0
γ_{C}	0.0	-0.2	0.1	0.1	0.2	0.0	0.1	0.0	-0.0	0.0	-0.1	-0.0	-0.2	-0.1	-0.1	0.0	0.0	1.0	-0.1	-0.1	-0.6	0.2	0.0	0.0	0.0
γ_{Cl}	-0.0	0.0	-0.8	-0.1	-0.0	-0.0	-0.0	0.1	0.0	-0.0	0.7	0.1	0.1	0.1	0.1	-0.2	-0.0	-0.1	1.0	0.2	0.1	-0.1	0.0	-0.2	-0.0
γ_{F}	-0.1	-0.1	-0.2	-0.4	-0.1	-0.1	-0.1	0.2	0.1	-0.1	0.2	0.1	0.1	-0.0	0.0	-0.4	0.0	-0.1	0.2	1.0	0.1	-0.1	0.1	-0.4	-0.1
γ_{H}	0.0	0.2	-0.0	-0.0	-0.5	0.1	0.0	0.1	-0.0	-0.0	0.0	0.0	0.4	0.0	0.0	0.0	-0.0	-0.6	0.1	0.1	1.0	-0.1	-0.1	-0.1	0.1
γ_{N}	0.0	0.1	0.2	0.1	0.0	-0.0	0.2	0.0	-0.0	-0.1	-0.1	-0.1	-0.0	-0.3	-0.2	-0.1	0.0	0.2	-0.1	-0.1	-0.1	1.0	-0.0	0.2	0.1
γ_{O}	0.0	0.1	0.1	0.1	0.1	0.0	-0.1	0.1	-0.0	-0.3	-0.1	-0.1	-0.0	0.0	0.1	-0.2	0.0	0.0	0.0	0.1	-0.1	-0.0	1.0	0.0	0.1
γ_{S}	0.1	0.2	0.3	0.4	0.2	0.2	0.3	-0.1	-0.0	-0.1	-0.2	-0.3	-0.2	-0.2	-0.2	-0.2	0.0	0.0	-0.2	-0.4	-0.1	0.2	0.0	1.0	0.2
K	0.3	0.9	0.5	0.5	0.8	1.0	0.8	0.9	-0.0	0.0	0.0	-0.0	0.1	0.1	0.0	0.0	-0.0	0.0	-0.0	-0.1	0.1	0.1	0.1	0.2	1.0