

Table S3. Coefficients of the regression models and analysis of variance obtained for each key property in the I-aggregates.

	<i>BI</i> (cubic)	<i>Log(ρ_{rd})</i> (simplified cubic)	<i>WA₂₄</i> (cubic)	<i>Log(S)</i> (cubic)
K	-7.9	0.7	11.4	2.6
I	-87.3	0.2	-150.1	23.2
C	96379.8	380.3	138878.9	-14214.5
N	-133450.6	-311.9	-57065.2	13955.3
cubic (K,I)	-135.1	-	-242.2	29.7
cubic (K,C)	52874.8	132.9	75596.3	-7805.7
cubic (K,N)	-75887.4	-	-36779.0	7995.6
cubic (I,C)	61193.2	-	78500.0	-7564.6
cubic (I,N)	-70711.7	-294.2	-23467.4	7141.8
cubic (C,N)	-106160.5	-	-133725.6	18771.8
K:I	182.3	2.4	298.3	-44.4
K:C	-149079.6	-521.8	-214113.2	21979.4
K:N	208749.5	328.2	93267.1	-21896.0
I:C	-157619.5	-355.2	-216888.5	21720.6
I:N	205263.2	597.9	82269.7	-21241.7
C:N	47459.3	-	-71774.2	-512.3
K:I:C	117270.8	-	155493.2	-15384.3
K:I:N	-148615.3	-289.2	-62479.6	15421.8
K:C:N	-31595.8	-	24587.0	713.6
I:C:N	-22015.0	-322.0	33237.1	983.1
F-statistic	32.62	377.4	55.25	208.2
p-value	2.158e-09	< 2.2e-16	3.731e-11	1.085e-15
R²	0.9461	0.9927	0.9679	0.9914