D=6 sugra from IIB over K3

$$\frac{\mathbb{R}^{\mathtt{U}}_{5:21}}{\mathbb{R}^{\mathtt{U}}_{5}\times\mathbb{R}^{\mathtt{U}}_{21}} = \frac{\mathbb{R}^{\mathtt{U}}_{3:19}}{\mathbb{R}^{\mathtt{U}}_{3}\times\mathbb{R}^{\mathtt{U}}_{19}}\times\frac{\mathbb{C}^{\mathtt{U}}_{1:1}}{\mathbb{C}^{\mathtt{U}}_{1}}\times\mathbb{R}_{>}\times\mathbb{R}^{22}\times\mathbb{R}^{23}$$

$\frac{\mathbb{R}^{\mathtt{U}}_{3:19}}{\mathbb{R}^{\mathtt{U}}_{3}\times\mathbb{R}^{\mathtt{U}}_{19}}$ = Ricci flat K3-metrics fixed volume including orbifold metrics

$\frac{\mathbb{C}^{\mathtt{U}}_{1:1}}{\mathbb{C}^{\mathtt{U}}_{1}}$ = IIB string moduli space including 1 RR field

$\mathbb{R}_{>}$ = K3 volume

$\mathbb{R}^{22}$ = B-field deformations

$\mathbb{R}^{23}$ = RR-field deformations