

## **rv-disjoint-rv-add2<sup>11,40</sup>**

$\forall p:\text{FinProbSpace}, n:\mathbb{N}, X, Y, Z:\text{RandomVariable}(p;n).$   
 $\text{rv-disjoint}(p;n;Y;X) \Rightarrow \text{rv-disjoint}(p;n;Z;X) \Rightarrow \text{rv-disjoint}(p;n;Y + Z;X)$