```
𝔼_{d1_→r1_}[ℰ1s___] // 𝔼_{d2_→r2_}[ℰ2s___] :=
 Module[{is = r1 ⋂ d2, lvs},
  lvs = Flatten@Table[{y_{$@i}, b_{$@i}, t_{$@i}, a_{$@i}, x_{$@i}},
     {i, is}];
  𝔼_{(d1⋃Complement[d2,is])→(r2⋃Complement[r1,is])} @@
   (Zip_{lvs⋃lvs*}[{(ℱ /@ lvs*).(ℱ /@ lvs), Times[
       𝔼[ℰ1s] /.
        Table[(ν : b | B | t | T | a | x | y)_i → v_{$@i},
         {i, is}],
       𝔼[ℰ2s] /.
        Table[(ν : β | τ | α | 𝒜 | ξ | η)_i → v_{$@i},
         {i, is}]
      ]}])
 ]
```