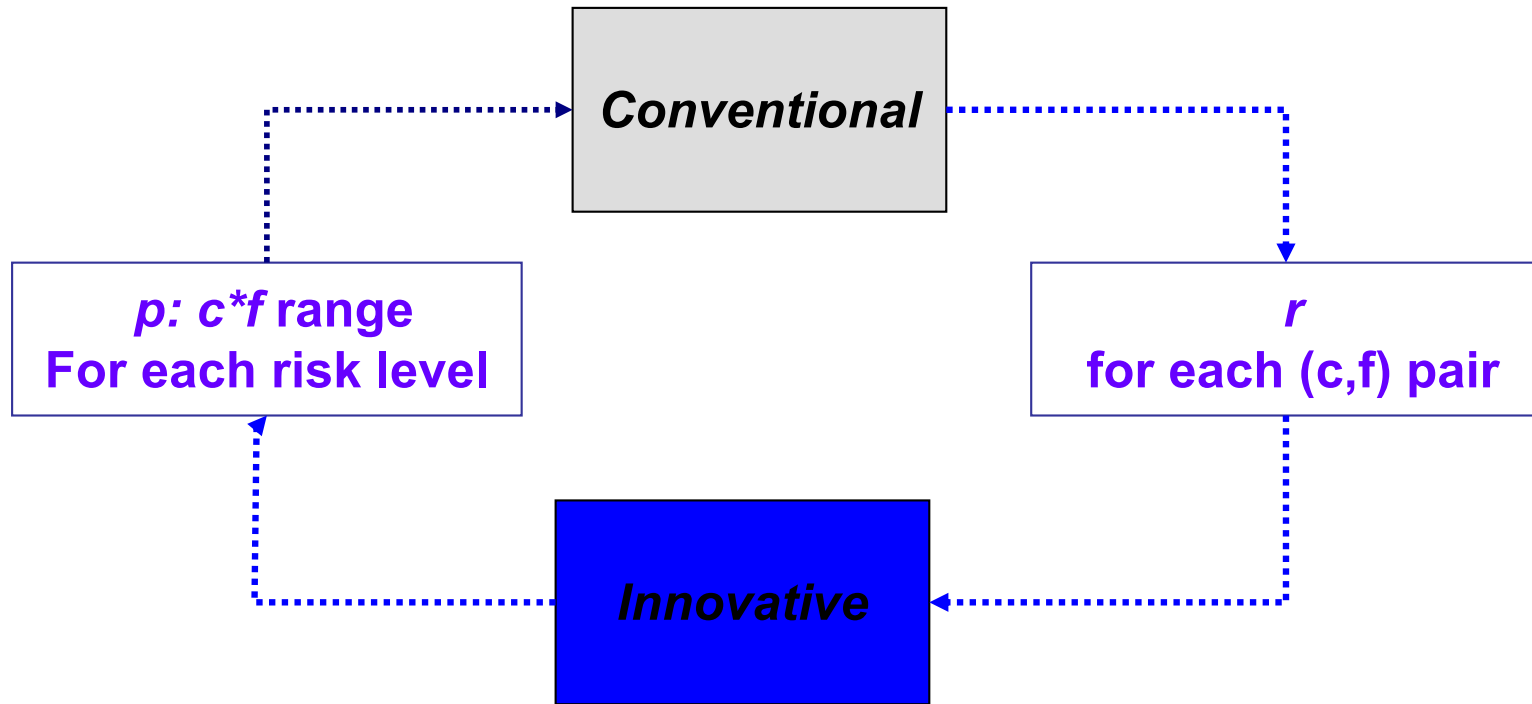


**E-rasm-us (i)**

***i*ntelligence in *E-Risk AssesSment and Management*  
*unified system***

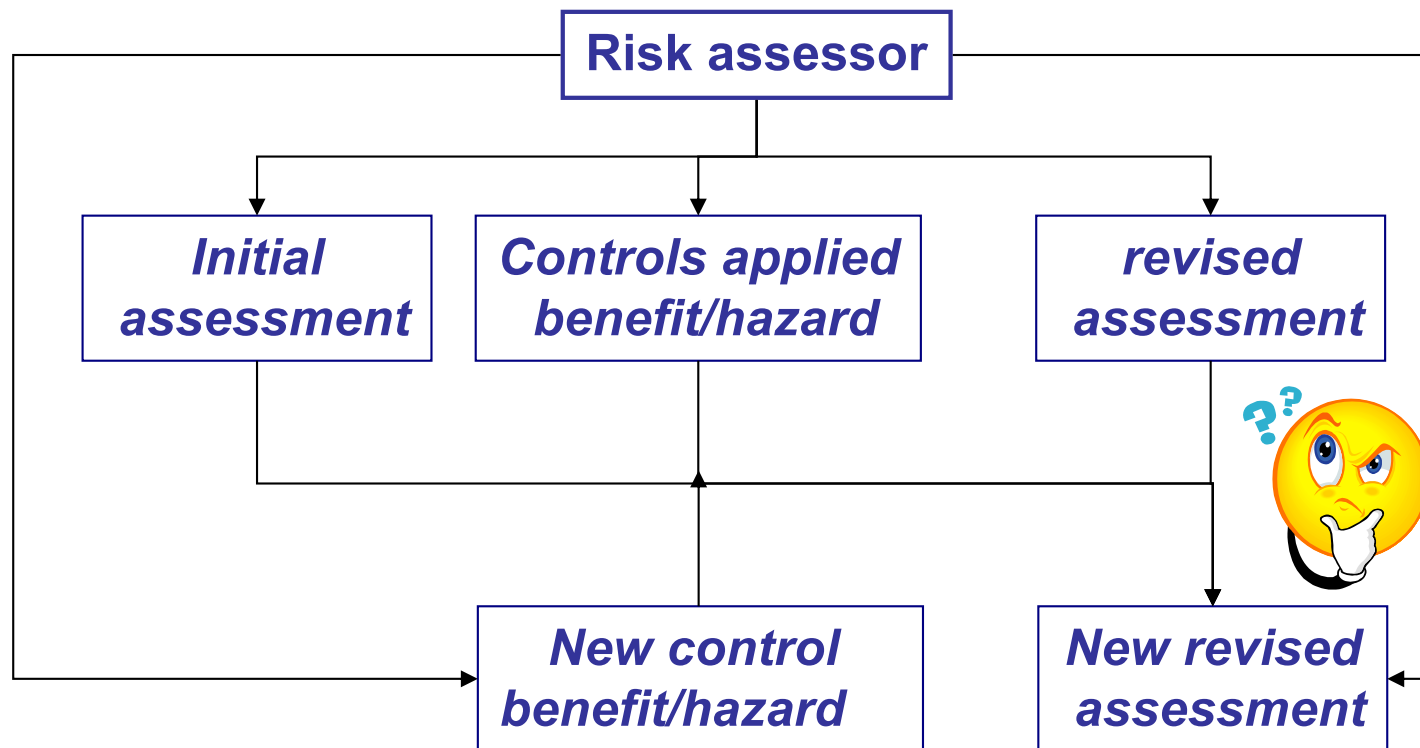
*11. For a given matrix weights are calculated*



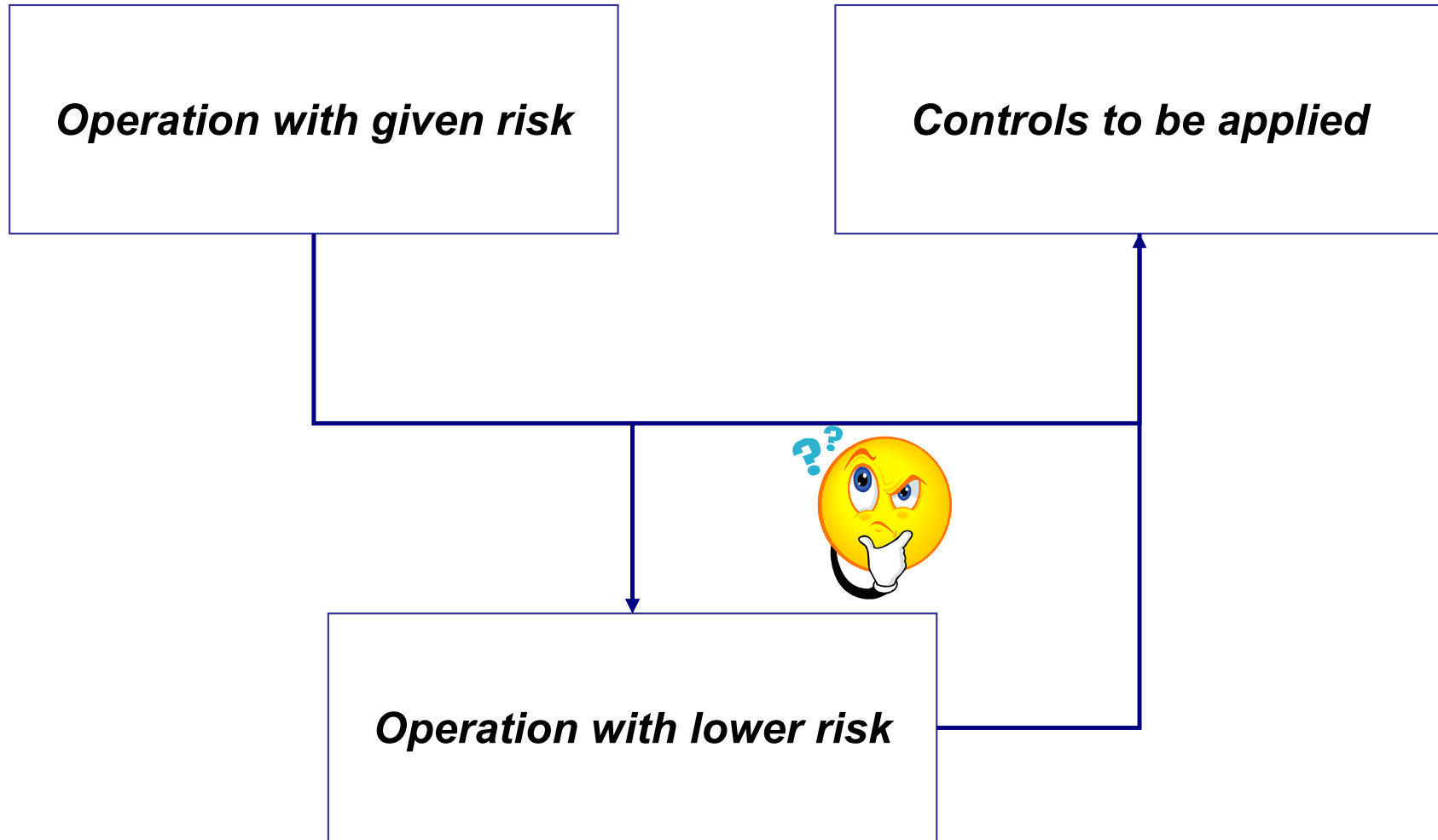
*12. When a new control is given assessment is revised automatically*

**Conventional**

**Innovative**



*13. Whenever required risk is defined controls to be applied are suggested*



Define matrix  $r$ : (5,5)  
dimensions

Define  $p$ :  $c*f$  range  
For each risk level

range	description
1-3	low
4-7	medium
8-15	high
16-25	V high

Define color  
For each risk level

Find  $r$   
for each (c,f) pair

M	H	H	VH	VH	5
M	H	H	VH	VH	4
L	M	H	H	H	3
L	M	M	H	H	2
L	L	L	M	M	1
1	2	3	4	5	

Define matrix  $r$ : (5,5) dimensions

Find  $p$ :  $c*f$  range  
For each risk level

range	description
-5.8	low
5.9-8.5	medium
9.7-19.5	high
20.00-	V high

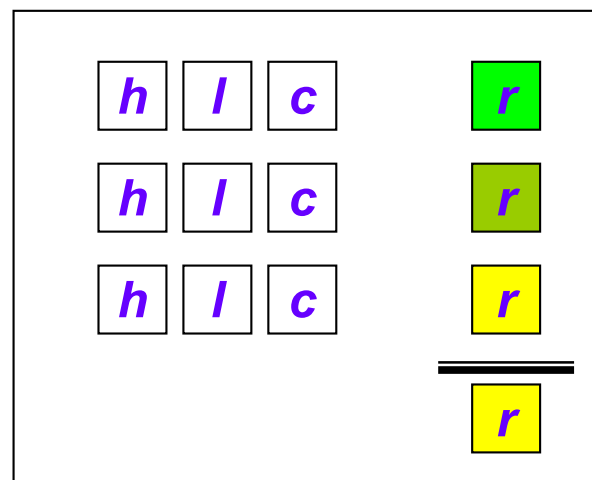
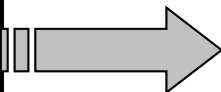
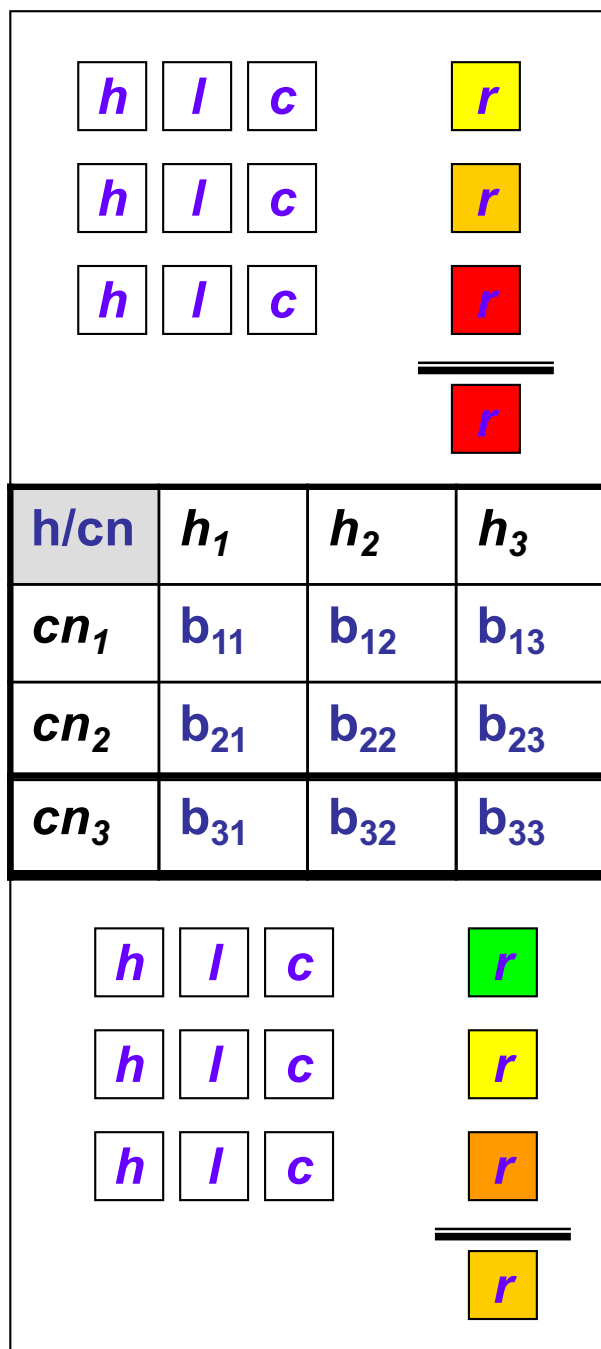
Define description  
For each risk level

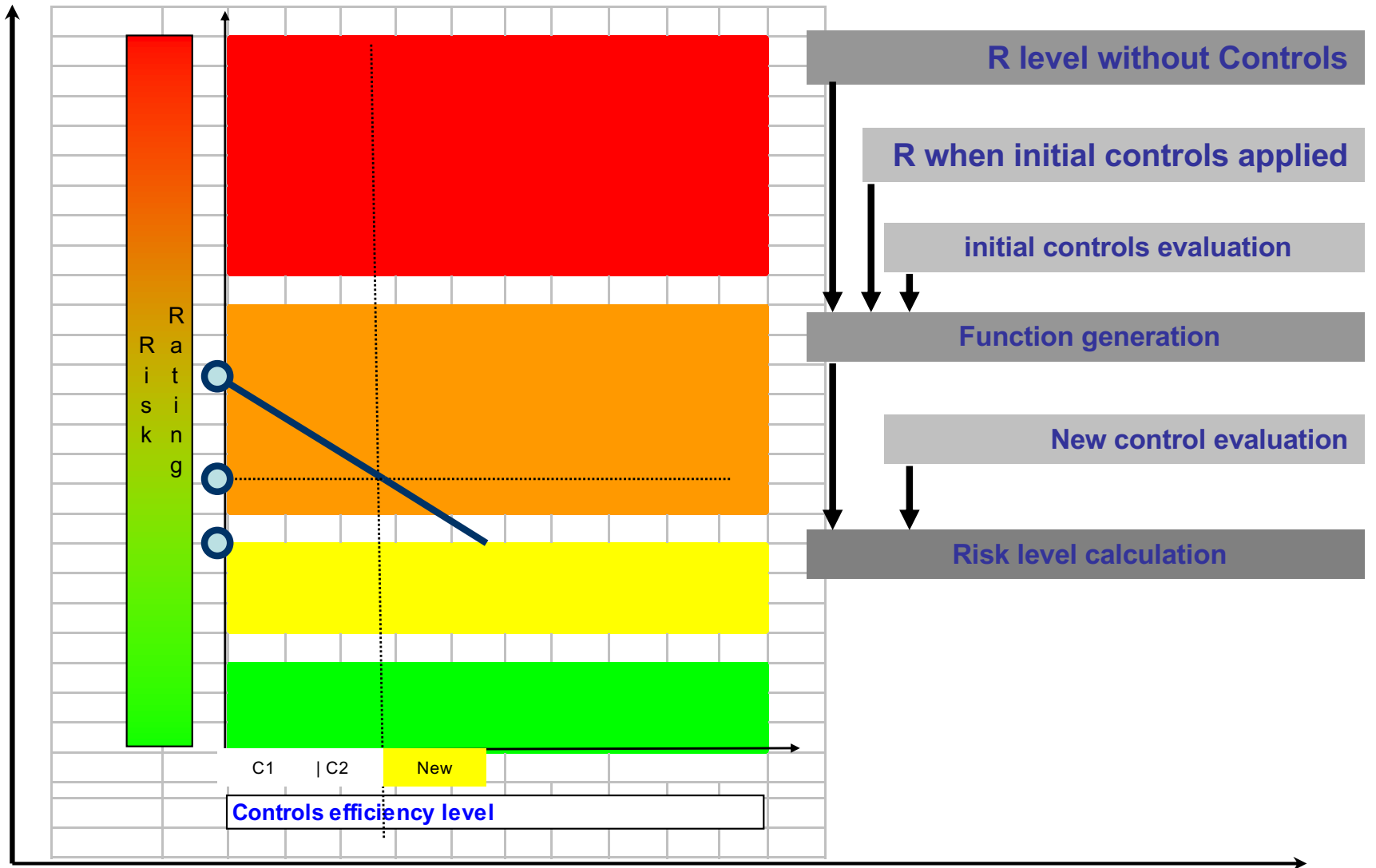
Give  $r$   
for each (c,f) pair

L	H	VH	VH	VH	5.8
L	H	H	H	VH	4.0
L	M	H	H	H	3.0
L	M	M	H	H	2.4
L	L	L	M	M	1.2
1	2.43	3.5	4.88	5	



$$r_h = l_h * c_h$$







## Summary

- *For any matrix table coefficients are calculated*
- *Risk automatic assessment provided benefit impact*
- *Control are suggested for desired risk level reduction*
- *RA controlled documentation*
- *Knowledge and lessons to be learned repository*
- *System integration with cause analysis and risk activity assessment*

