













Rules of Thumb       Swiss Re         US: Umbrella Rating - cost of first \$1M is \$Y. Cost of each successive \$1M band is 60% (or some other number) of the cost of the previous band.				
<ul> <li>Can be expressed in terms of an exponential severity distribution</li> </ul>				
<ul> <li>Not used very often, but it is encountered from time to time.</li> </ul>				
<ul> <li>Europe: The ILF Method (not to be confused with using ISO Increased Limits Factors to cost a layer).</li> </ul>				
<ul> <li>Premium for the basic limit is determined, e.g., \$Y for the first \$1M of coverage</li> </ul>				
<ul> <li>Each time the limit is <i>doubled</i>, the cost increases by a factor of <i>1+f</i>, where <i>f</i> is the ILF factor.</li> <li>ILF Factor</li> <li>f</li> <li>0.30</li> </ul>				
Power	Limit	Cost	Cost	
0	1,000,000	\$Y*(1+f) <sup>0</sup>	1,000	
1	2,000,000	\$Y*(1+f) <sup>1</sup>	1,300	
2	4,000,000	\$Y*(1+f) <sup>2</sup>	1,690	
3	8,000,000	\$Y*(1+f) <sup>3</sup>	2,197	
n	2 <sup>n</sup> *1,000,000	\$Y*(1+f) <sup>n</sup>	1,000*1.30 <sup>n</sup>	
<ul> <li>Can be expressed in terms of a European Pareto severity distribution</li> </ul>				
- Used Frequently				
occurrequently.				
INTMD-2 International Pricing Approaches   Casualty   Robert K. Bender, PhD, FCAS, MAAA 8				































