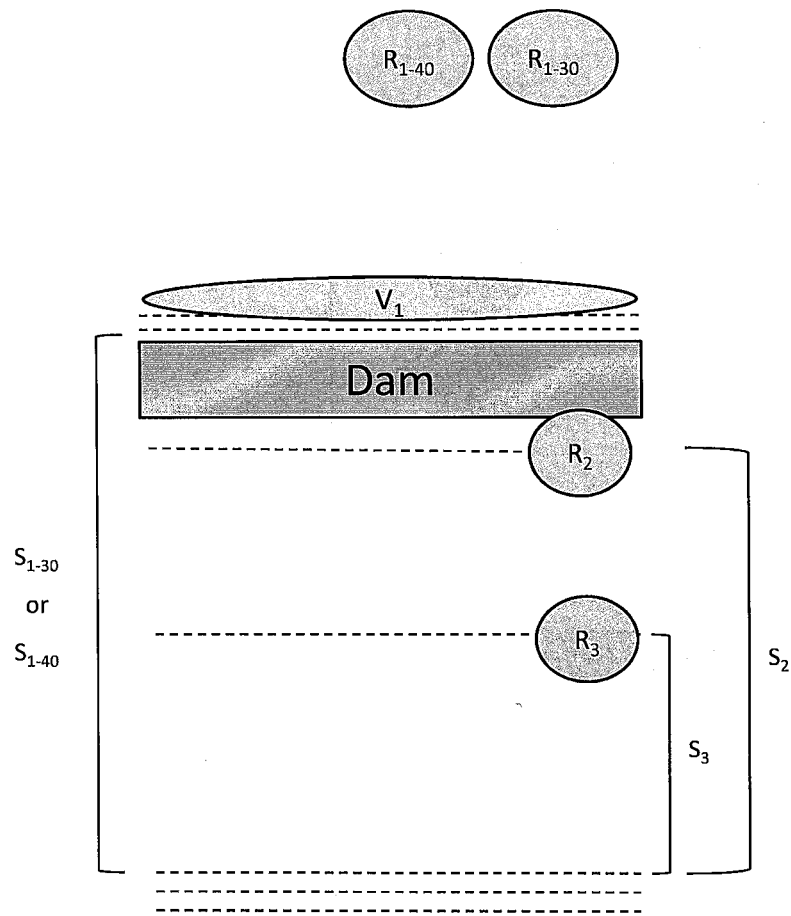


$$\hat{S}_{jda} = \frac{S_1}{\left(\frac{S_2}{S_3} \right)}$$

$$\hat{S}_{tda} = \frac{S_4}{\left(\frac{S_5}{S_6} \right)}$$

$$\hat{S}_{bon} = \frac{S_7}{\left(\frac{S_8}{S_9} \right)}$$



Dam Passage Survival at 30% Spill:
$$\hat{S}_{dam-30} = \frac{S_{1-30}}{\left(\frac{S_2}{S_3}\right)}$$

Dam Passage Survival at 40% Spill:
$$\hat{S}_{dam-40} = \frac{S_{1-40}}{\left(\frac{S_2}{S_3}\right)}$$