$v^{K_{x+1}} 1\{K_{x+1} \le n\}$ n term insurance

$$L_0^g = 1000\, v^{K_{x+1}} 1\{K_{x+1} \le n\} + 50 + 10\, \ddot{a}_{\overline{\min(K_{x+1}, n)}|}$$

$$+ 0.05P\, \ddot{a}_{\overline{\min(K_{x+1}, n)}|} +$$

$$0.03P\, \ddot{a}_{\overline{\min(K_{x+1}, n)}|}$$

$$- P\, \ddot{a}_{\overline{\min(K_{x+1}, n)}|}$$