Year t	AV_{t-1}	Premium	Expenses	Interest	EDB	ESB	EAV	\Pr_t
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0*	0	0	2 000					-2000
1	0	2250	0	158	67	2	2098	240
2	2209	2250	68	307	83	9	4419	188
3	4513	2250	68	469	98	69	6772	224
4	6917	2250	68	637	110	119	9233	274
5	9431	2250	68	813	123	192	11805	306
6	12059	2250	68	997	139	370	14344	385
7	14805	0	45	1033	154	386	14856	398
8	15335	0	45	1070	170	441	15377	373
9	15876	0	45	1108	189	457	15906	387
10	16424	0	45	1147	210	474	16440	401
11	16979	0	45	1185	234	1755	15753	377
12	17539	0	45	1225	262	2716	15351	390
13	18100	0	45	1264	292	2799	15821	406
14	18659	0	45	1303	326	2882	16287	422
15	19213	0	45	1342	365	2962	16743	440
16	19758	0	45	1380	409	3040	17186	458
17	20288	0	45	1417	458	3115	17610	476
18	20797	0	45	1453	514	3186	18010	495
19	21278	0	45	1486	576	3251	18378	514
20	21724	0	45	1518	646	22058	_	492

Table 6: UL Type B Example SN4.2, Scenario 1 profit test – calculating the profit vector.

t	Pr[in force at	\Pr_t	Π_t	NPV_t
	start of year]			
0*	1.00000	-2000.00	-2000.00	-2000.00
1	1.00000	240.04	240.04	-1781.78
2	0.94937	187.79	178.28	-1634.44
3	0.92964	224.22	208.45	-1477.83
4	0.91022	274.02	249.41	-1307.48
5	0.89112	306.24	272.90	-1138.03
6	0.87234	385.44	336.23	-948.23
7	0.84514	398.25	336.57	-775.52
8	0.81870	372.64	305.08	-633.20
9	0.79297	386.51	306.49	-503.22
10	0.76793	400.94	307.89	-384.51
11	0.74356	376.50	279.95	-286.39
12	0.66787	389.57	260.18	-203.49
13	0.56643	405.70	229.80	-136.92
14	0.48028	422.41	202.88	-83.50
15	0.40712	439.70	179.01	-40.65
16	0.34500	457.56	157.86	-6.29
17	0.29225	475.98	139.11	21.23
18	0.24747	494.96	122.49	43.26
19	0.20946	514.47	107.76	60.88
20	0.17720	492.22	87.22	73.84

Table 7: UL Type B example SN4.2, Scenario 1: Profit signature, NPV and DPP at 10% risk discount rate.