

図1：認知機能グレードと頻度（上段：全体、下段：在宅およびGH別頻度）

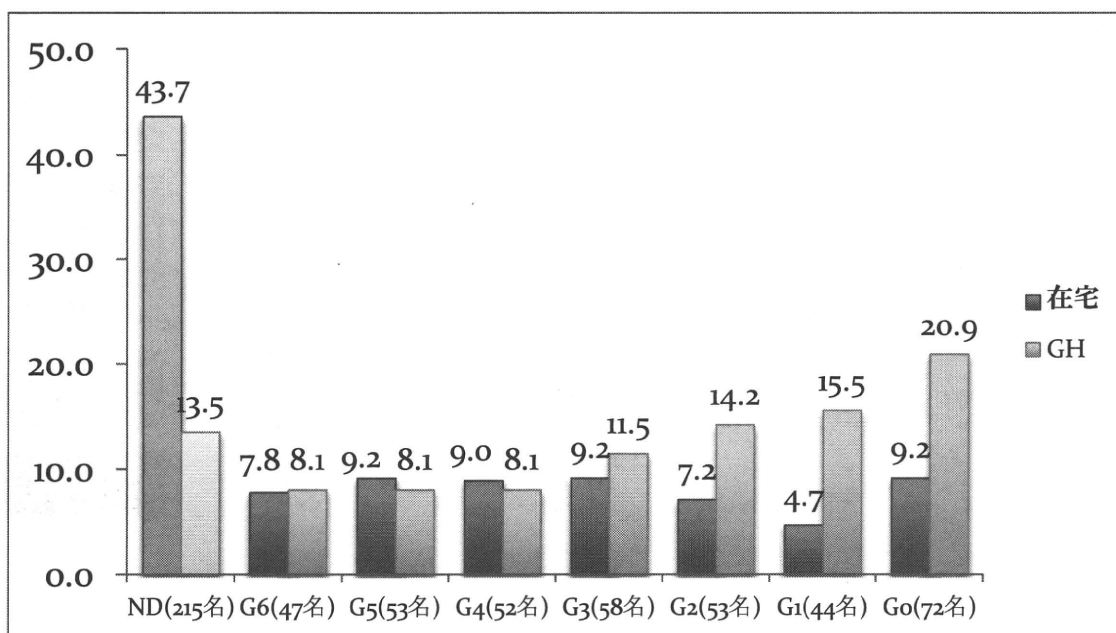
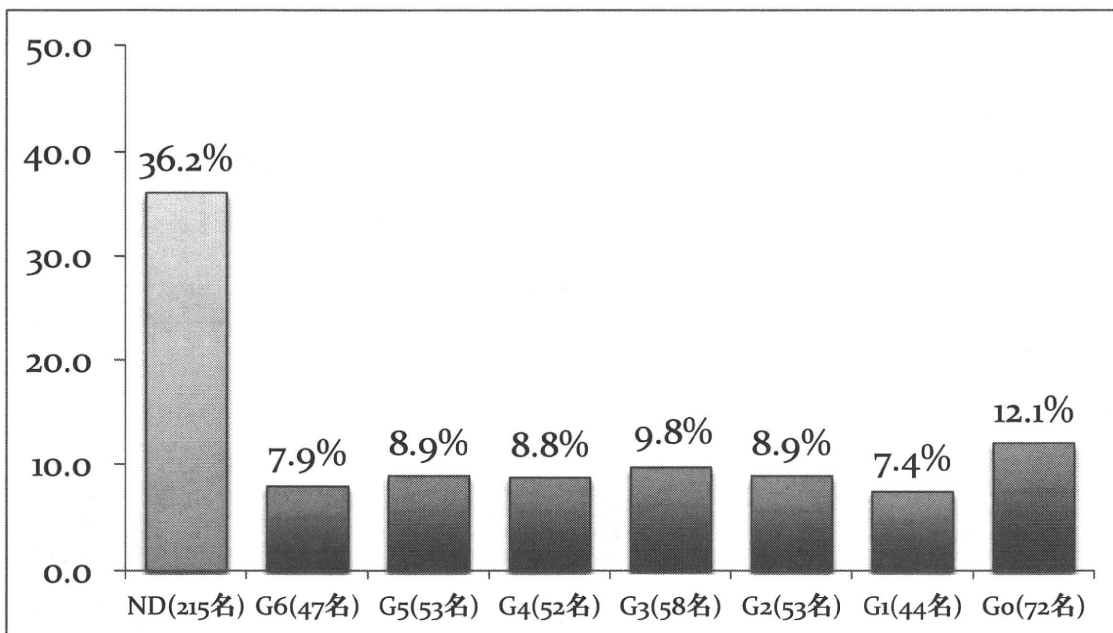


図 2：睡眠障害および随伴精神行動障害（BPSD）の出現頻度

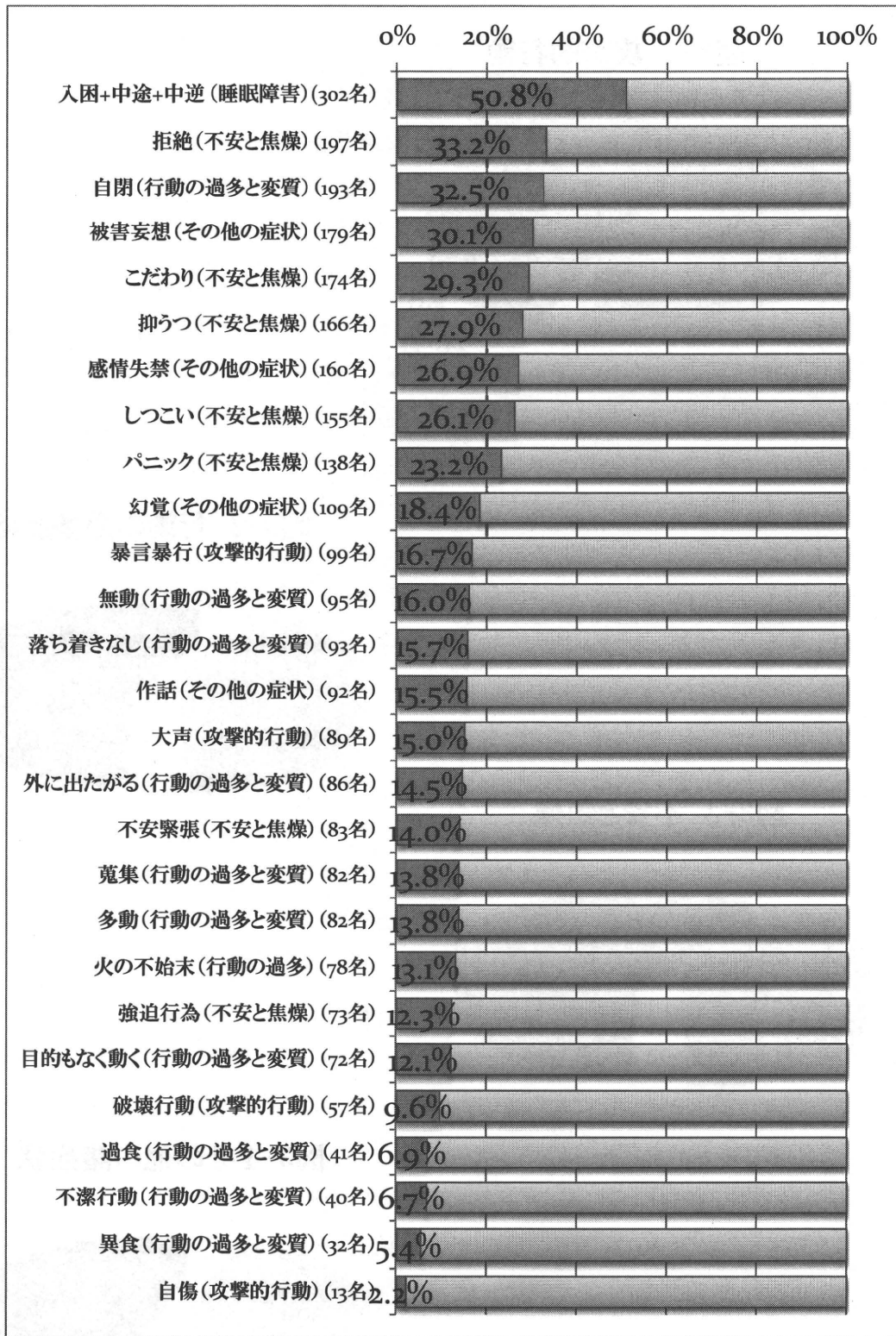


図3-1 攻撃的行動

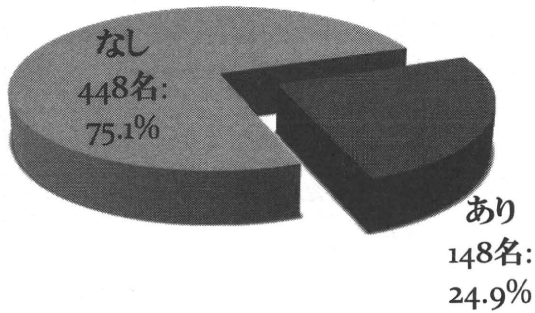


図3-2 行動の過多と変質

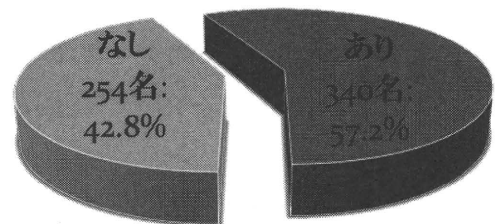


図3-3 不安と焦燥

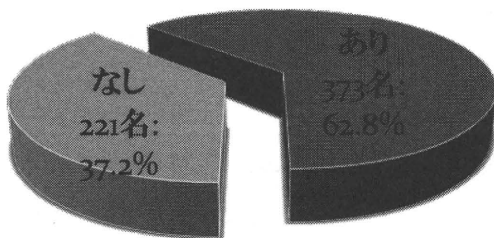


図3-4 その他の諸症状

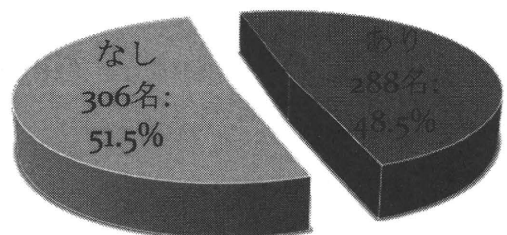


図 4-1, 4-2 : 3 各睡眠障害の障害頻度

図4-1 入眠困難

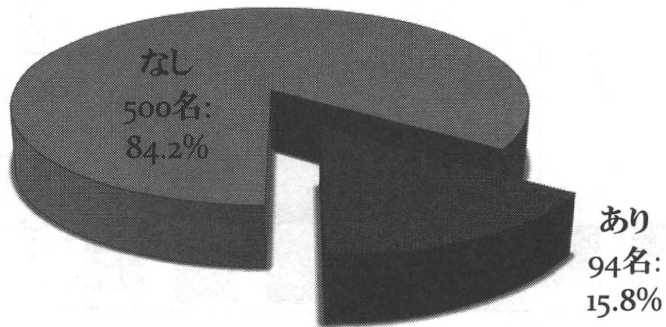


図4-2 睡眠維持障害

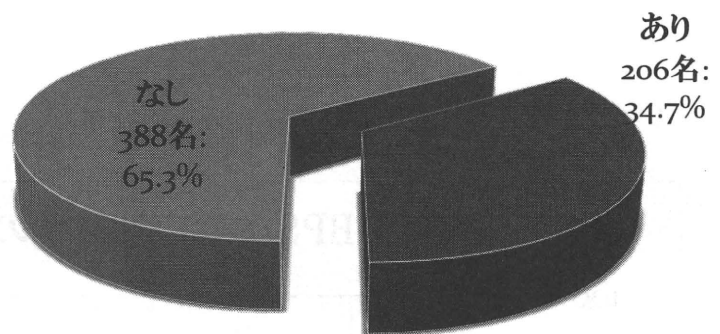


図4-3 昼夜逆転

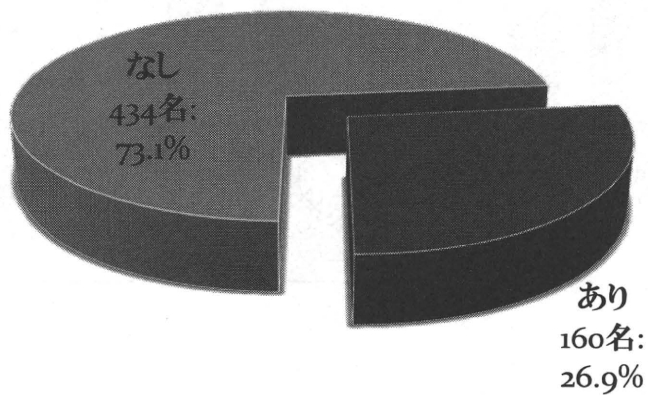


図 5-1, 5-2 : 認知機能グレードと 4 つの BPSD カテゴリ

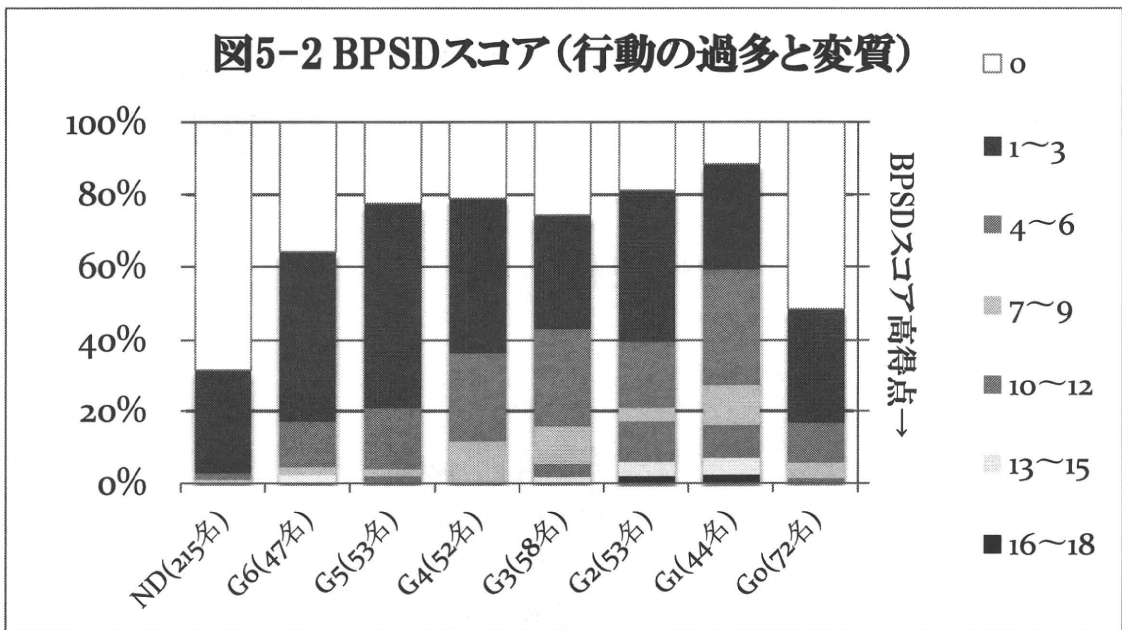
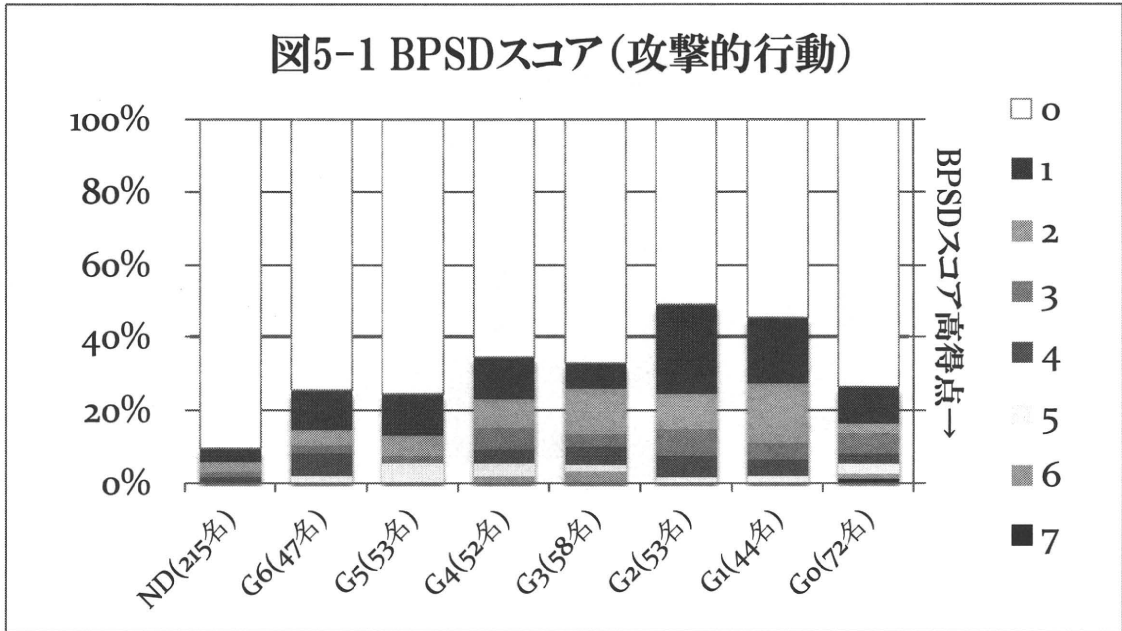


図 5-3, 5-4 : 認知機能グレードと 4 つの BPSD カテゴリ

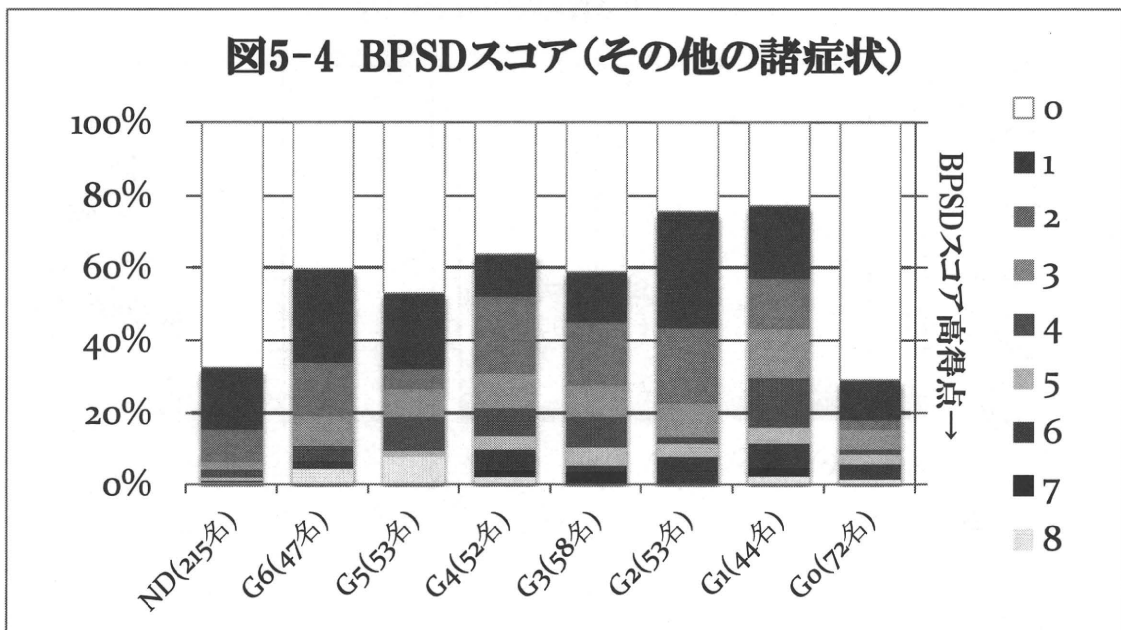
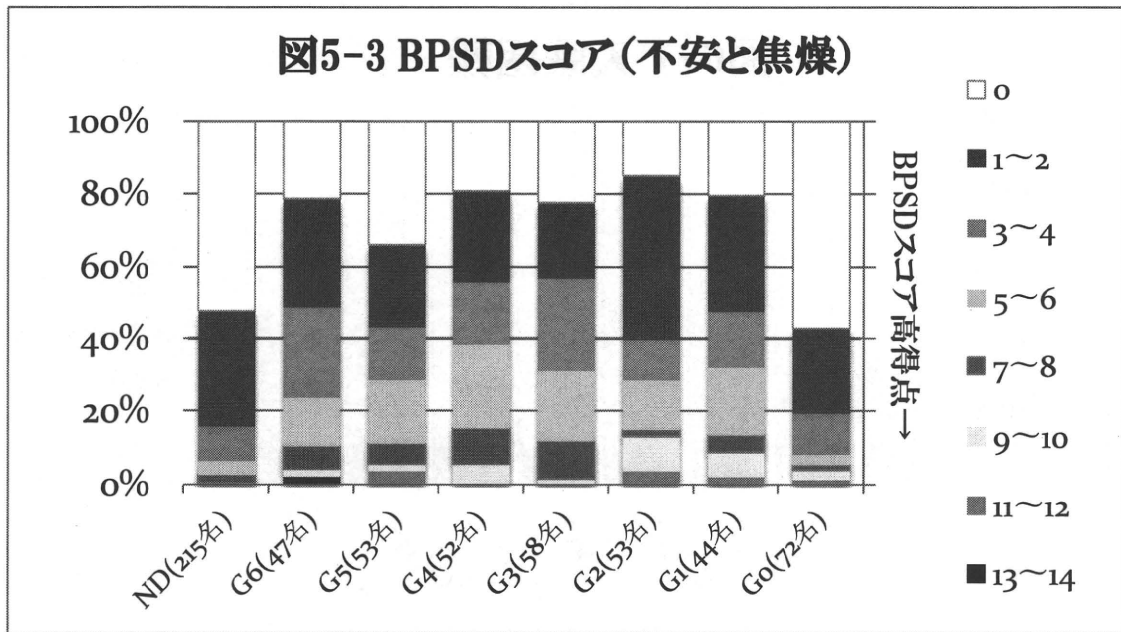


図 6-1, 6-2 : 認知機能グレードと睡眠障害の頻度

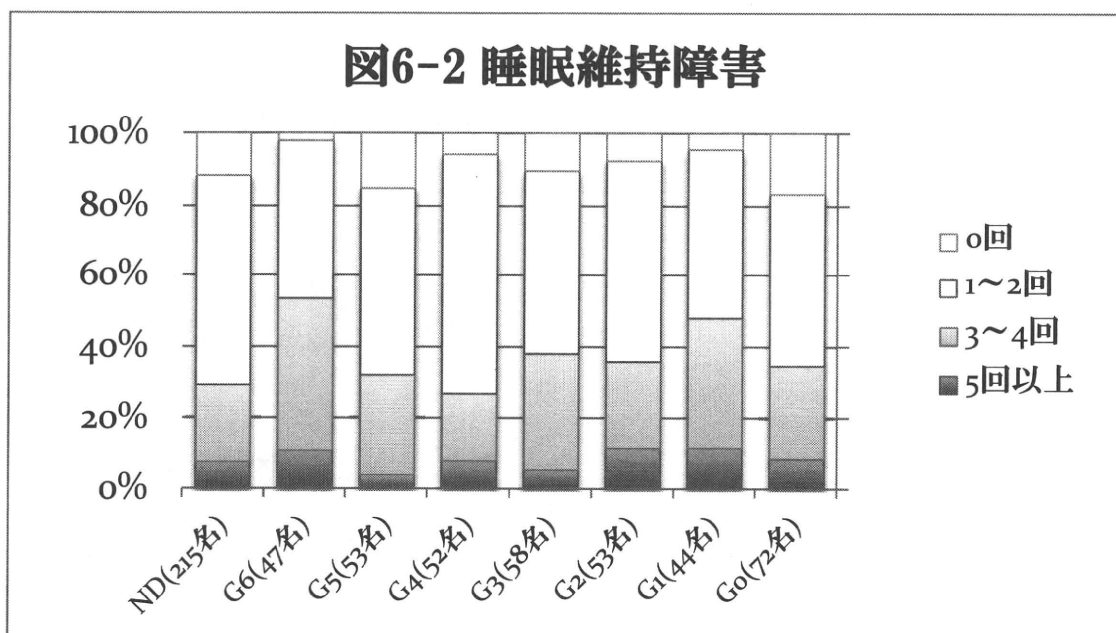
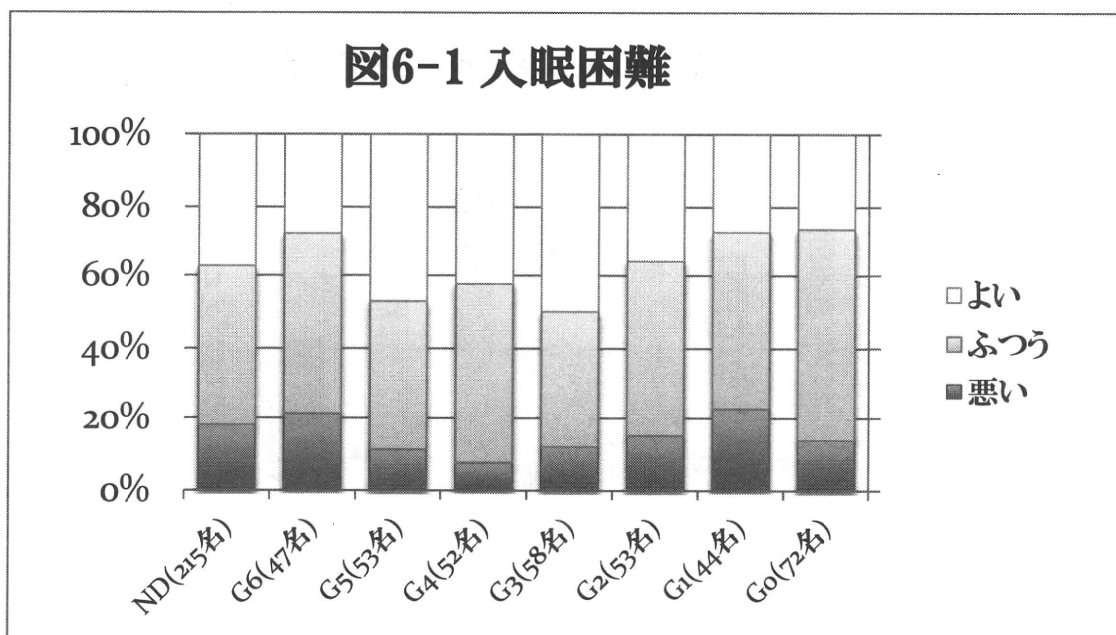


図 6-3 : 認知機能グレードと睡眠障害の頻度

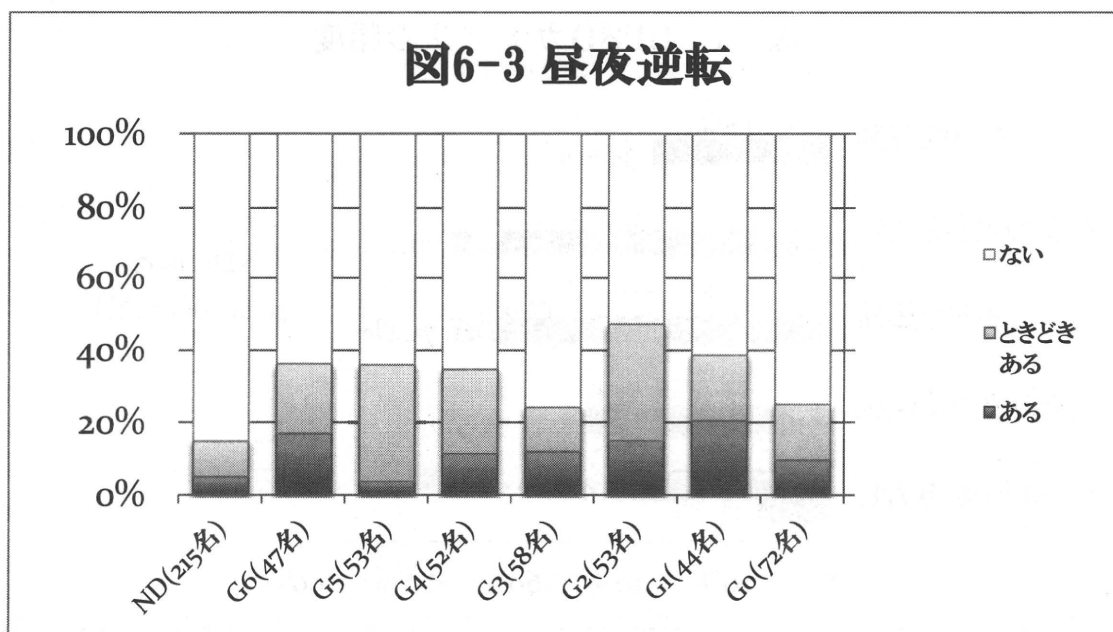


表 2 : 各 BPSD カテゴリおよび各睡眠障害の認知機能グレードとの関係

Table2 Prevalence(%) of BPSDs & sleep problems by grade of cognitive function

	N	BPSD				睡眠障害			
		攻撃的行動	行動の過多と変質	不安と焦燥	その他の諸症状	入眠障害	睡眠維持障害	昼夜逆転	睡眠障害
ND	215	21 (9.8%)	68 (31.6%)	103 (47.9%)	70 (32.6%)	39 (18.1%)	63 (29.3%)	32 (14.9%)	91 (42.3%)
G6	47	12 (25.5%)	30 (63.8%)	37 (78.7%)	28 (59.6%)	10 (21.3%)	25 (53.2%)	17 (36.2%)	30 (63.8%)
G5	53	13 (24.5%)	41 (77.4%)	35 (66.0%)	28 (52.8%)	6 (11.3%)	17 (32.1%)	19 (35.8%)	27 (50.9%)
G4	52	18 (34.6%)	41 (78.8%)	42 (80.0%)	33 (63.5%)	4 (7.7%)	14 (26.9%)	18 (34.6%)	26 (50.0%)
G3	58	19 (32.8%)	43 (74.1%)	45 (77.6%)	34 (58.6%)	7 (12.1%)	22 (37.9%)	14 (24.1%)	31 (53.4%)
G2	53	26 (49.1%)	43 (81.1%)	45 (84.9%)	40 (75.5%)	8 (15.1%)	19 (35.8%)	25 (47.2%)	35 (66.0%)
G1	44	20 (45.5%)	39 (88.6%)	35 (79.5%)	34 (77.3%)	10 (22.7%)	21 (47.7%)	17 (38.6%)	29 (65.9%)
G0	72	19 (26.4%)	35 (48.6%)	31 (43.1%)	21 (29.2%)	10 (13.9%)	25 (34.7%)	18 (25.0%)	33 (45.8%)
Total	594	148 (24.9%)	373 (62.8%)	373 (62.8%)	288 (48.5%)	94 (15.8%)	206 (34.7%)	160 (26.9%)	302 (50.8%)
		$\chi^2=57.42^{**}$	$\chi^2=116.18^{**}$	$\chi^2=66.75^{**}$	$\chi^2=72.42^{**}$	$\chi^2=7.71$	$\chi^2=15.00^*$	$\chi^2=36.06^{**}$	$\chi^2=19.20^*$

** P<0.01

* P<0.05

図7-1：G0-6群とND群におけるBPSDカテゴリおよび各睡眠障害の頻度

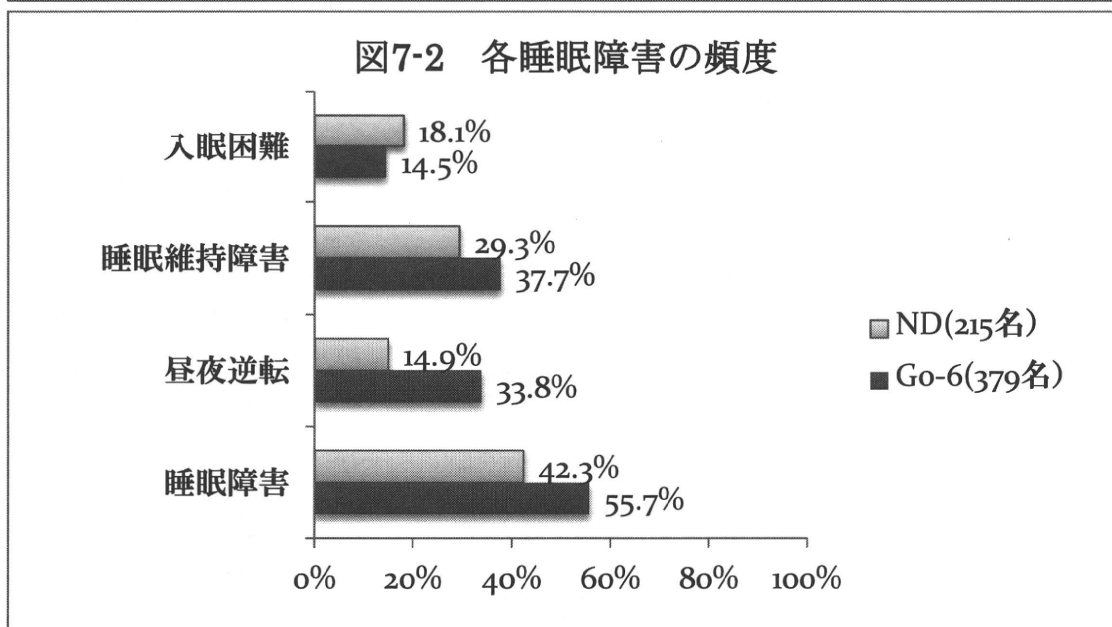
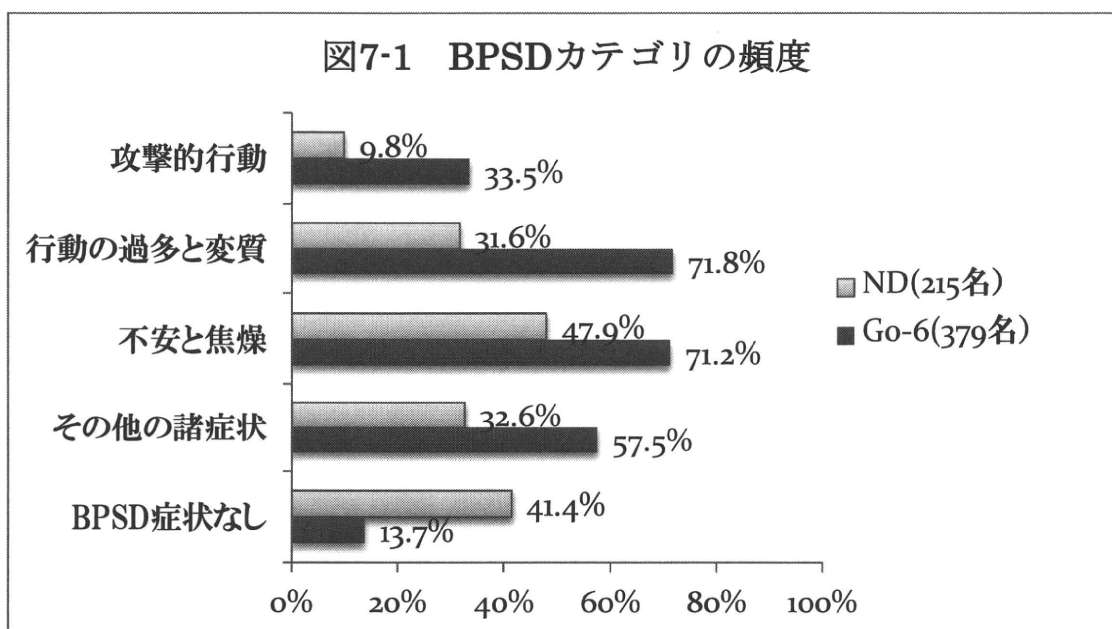


表 3 : G0-6 群および ND 群における BPSD カテゴリおよび各睡眠障害の頻度

Table 3 Prevalence(%) of BPSDs & sleep problems by group of cognitive function

	ND(%) n=215	G0-6(%) n=379	p-value
Sex			0.04
Male	73 (34.0%)	98 (25.9%)	
Female	142 (66.0%)	281 (74.1%)	
Age class			p<0.01
young old	38 (17.7%)	43 (11.3%)	
old old	106 (49.3%)	131 (34.6%)	
oldest old	71 (33.0%)	205 (54.1%)	
Place for care			p<0.01
Home	195 (90.7%)	251 (66.2%)	
GH	20 (9.3%)	128 (33.8%)	
BPSD攻撃的行動			p<0.01
No	194 (90.2%)	252 (66.5%)	
Yes	21 (9.8%)	127 (33.5%)	
BPSD行動の過多と変質			p<0.01
No	147 (68.4%)	107 (28.2%)	
Yes	68 (31.6%)	272 (71.8%)	
BPSD不安と焦燥			p<0.01
No	112 (52.1%)	109 (28.8%)	
Yes	103 (47.9%)	270 (71.2%)	
BPSDその他の諸症状			p<0.01
No	145 (67.4%)	161 (42.5%)	
Yes	70 (32.6%)	218 (57.5%)	
入眠障害			0.25
No	176 (81.9%)	324 (85.5%)	
Yes	39 (18.1%)	55 (14.5%)	
睡眠維持障害			0.04
No	152 (70.7%)	236 (62.3%)	
Yes	63 (29.3%)	143 (37.7%)	
昼夜逆転			p<0.01
No	183 (85.1%)	251 (66.2%)	
Yes	32 (14.9%)	128 (33.8%)	
睡眠障害			p<0.01
No	124 (57.7%)	168 (44.3%)	
Yes	91 (42.3%)	211 (55.7%)	

図 8-1 : G0-6 群と ND 群における BPSD 症状の頻度 (在宅および GH 別)
 攻撃的行動に含まれる各 BPSD 症状 (4 種)

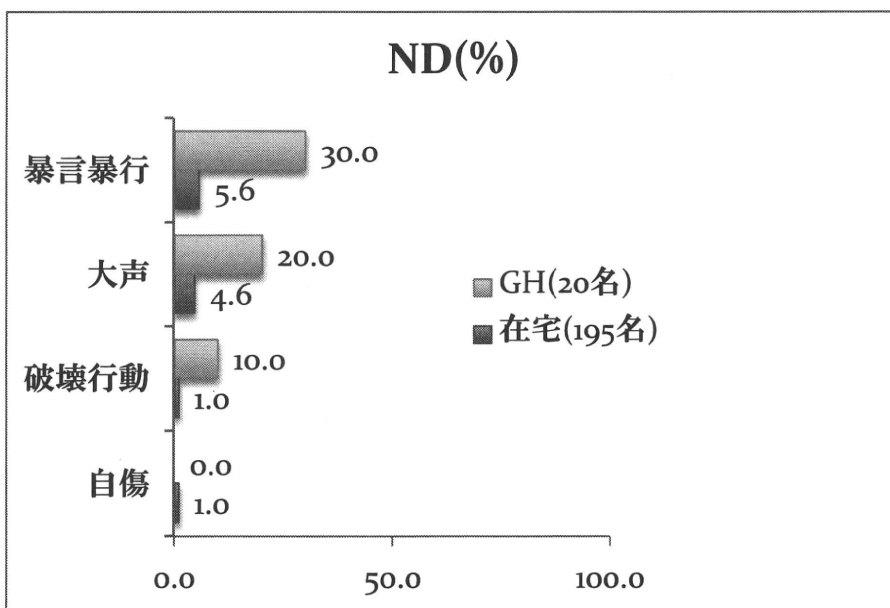
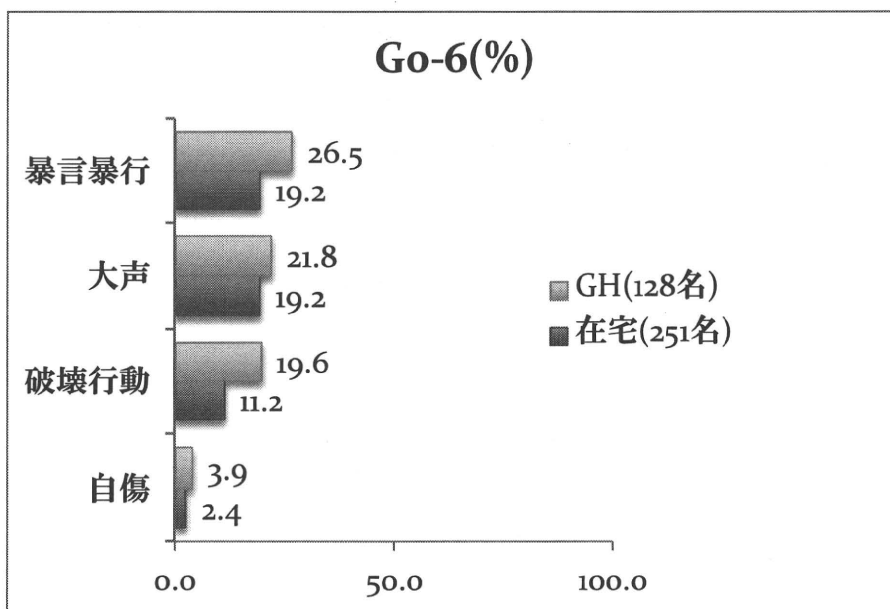


図 8-2 : G0-6 群と ND 群における BPSD 症状の頻度 (在宅および GH 別)
 行動の過多と変質に含まれる各 BPSD 症状 (11 種)

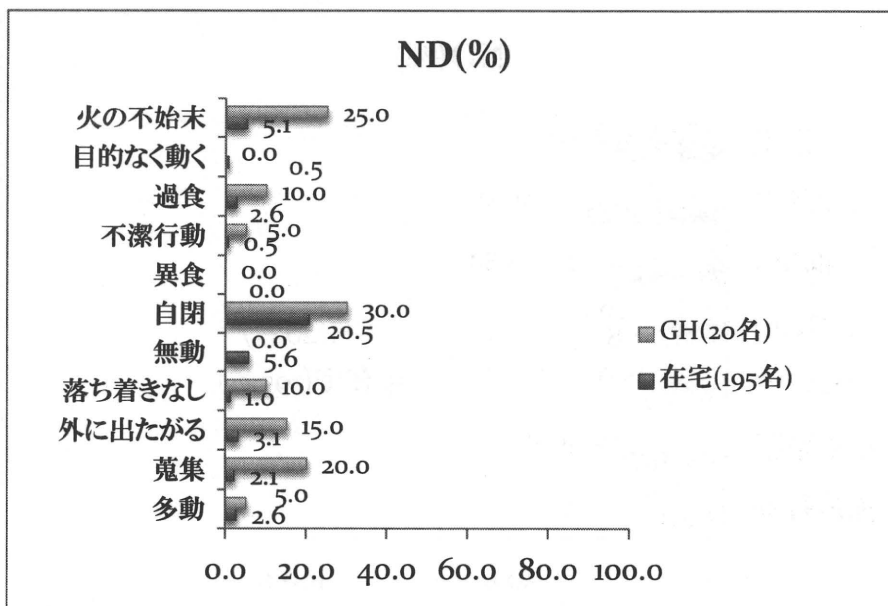
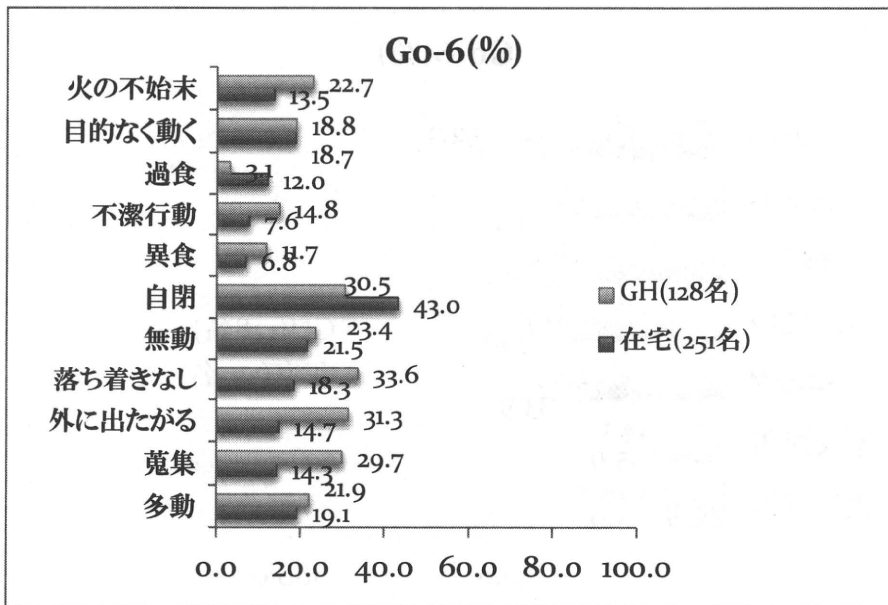


図 8-3 : G0-6 群と ND 群における BPSD 症状の頻度 (在宅および GH 別)
 不安と焦燥に含まれる各 BPSD 症状 (7 種)

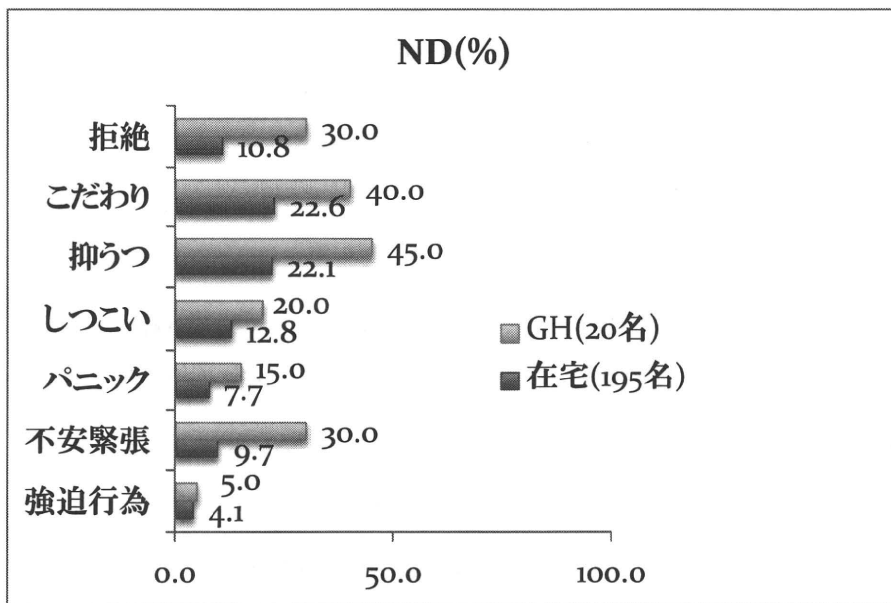
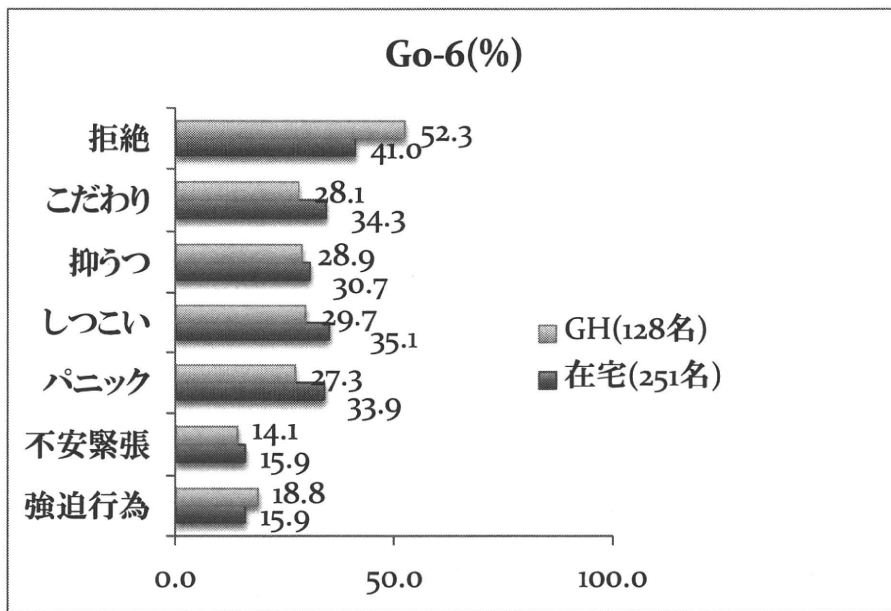


図 8-4 : G0-6 群と ND 群における BPSD 症状の頻度 (在宅および GH 別)

不安と焦燥に含まれる各 BPSD 症状 (4 種)

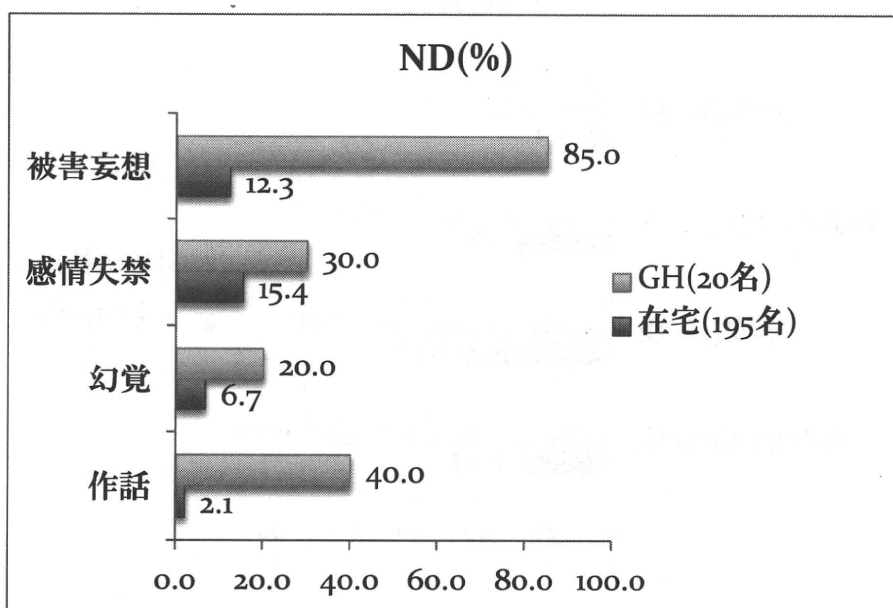
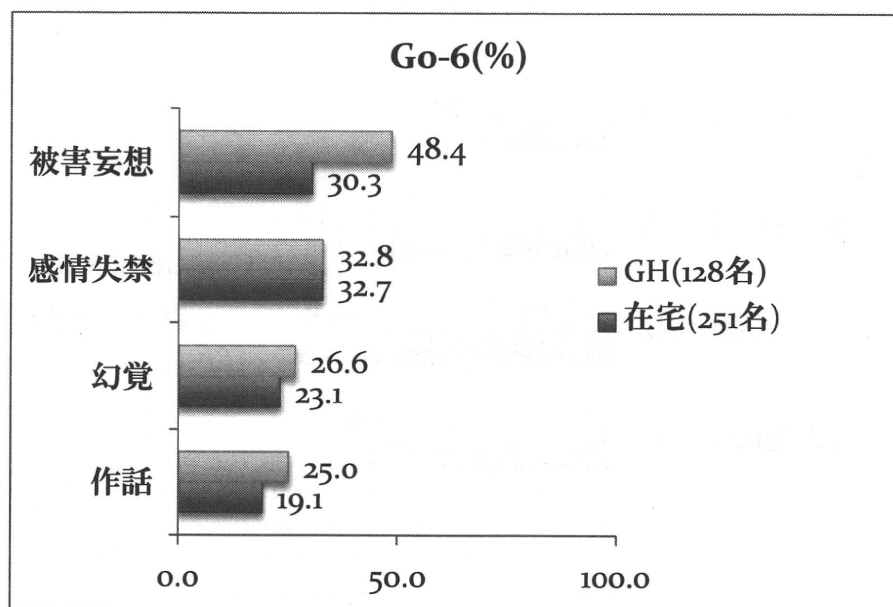


図 8-5 : G0-6 群と ND 群における BPSD カテゴリの頻度 (在宅および GH 別)

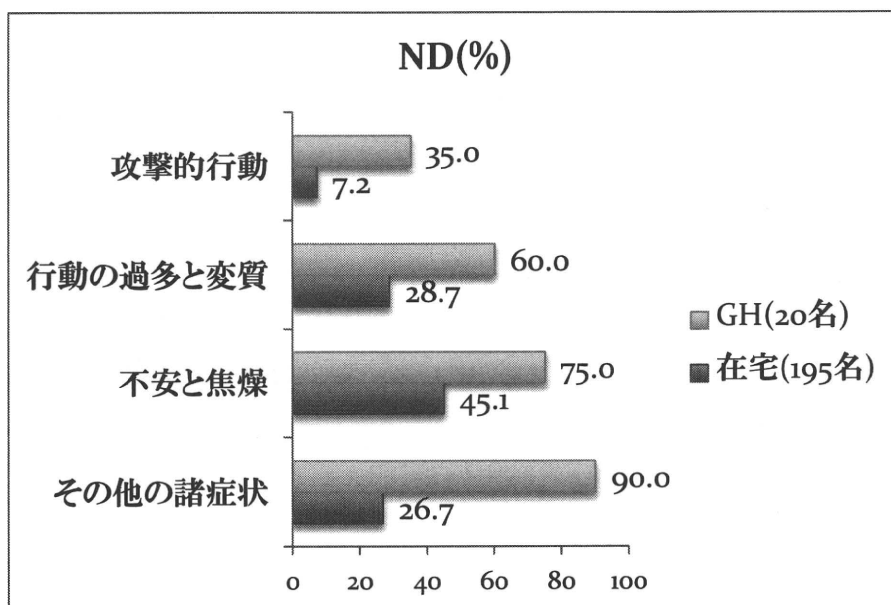
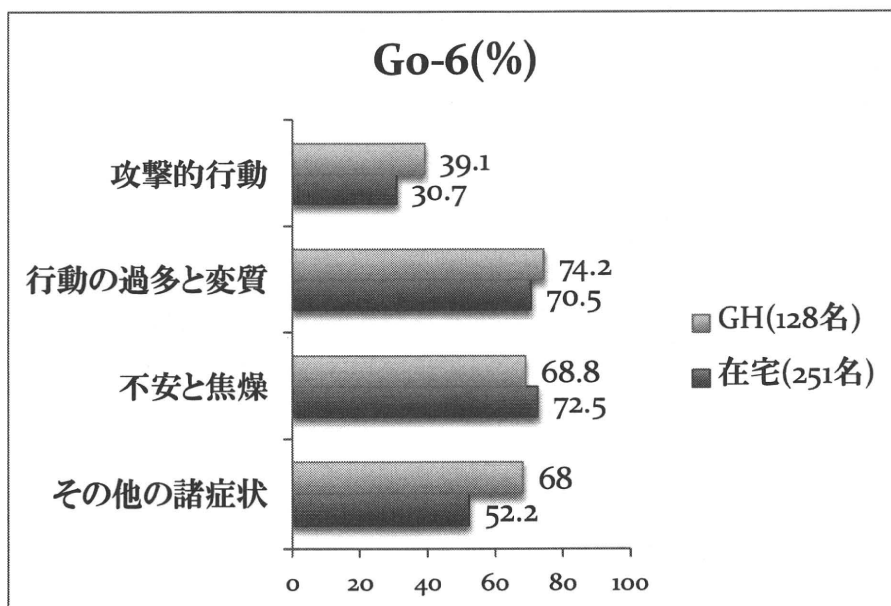


図 8-6 : G0-6 群と ND 群における各睡眠障害の頻度 (在宅および GH 別)

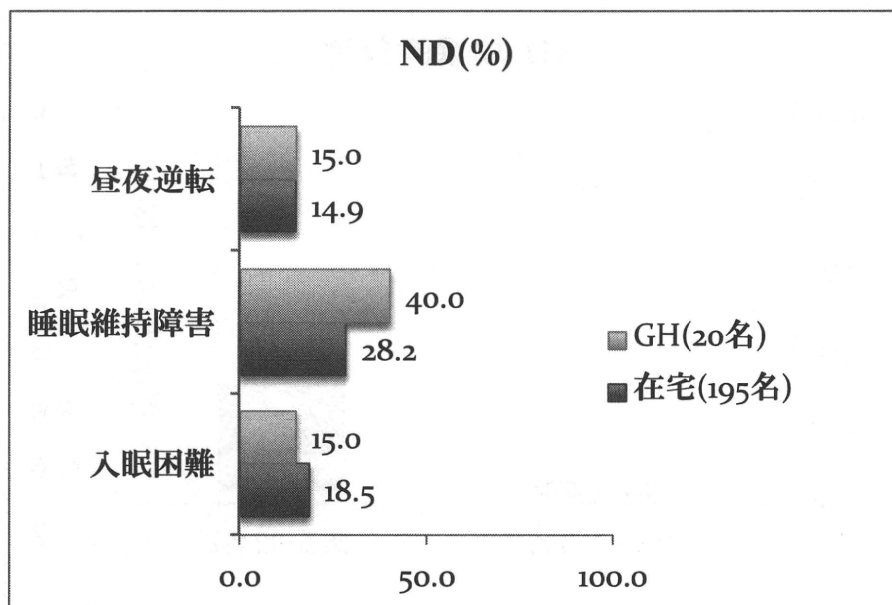
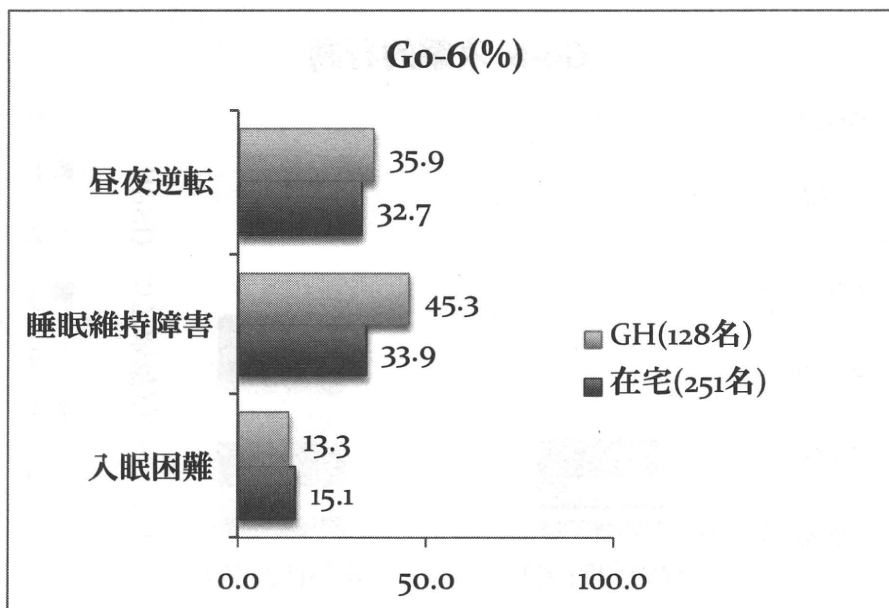
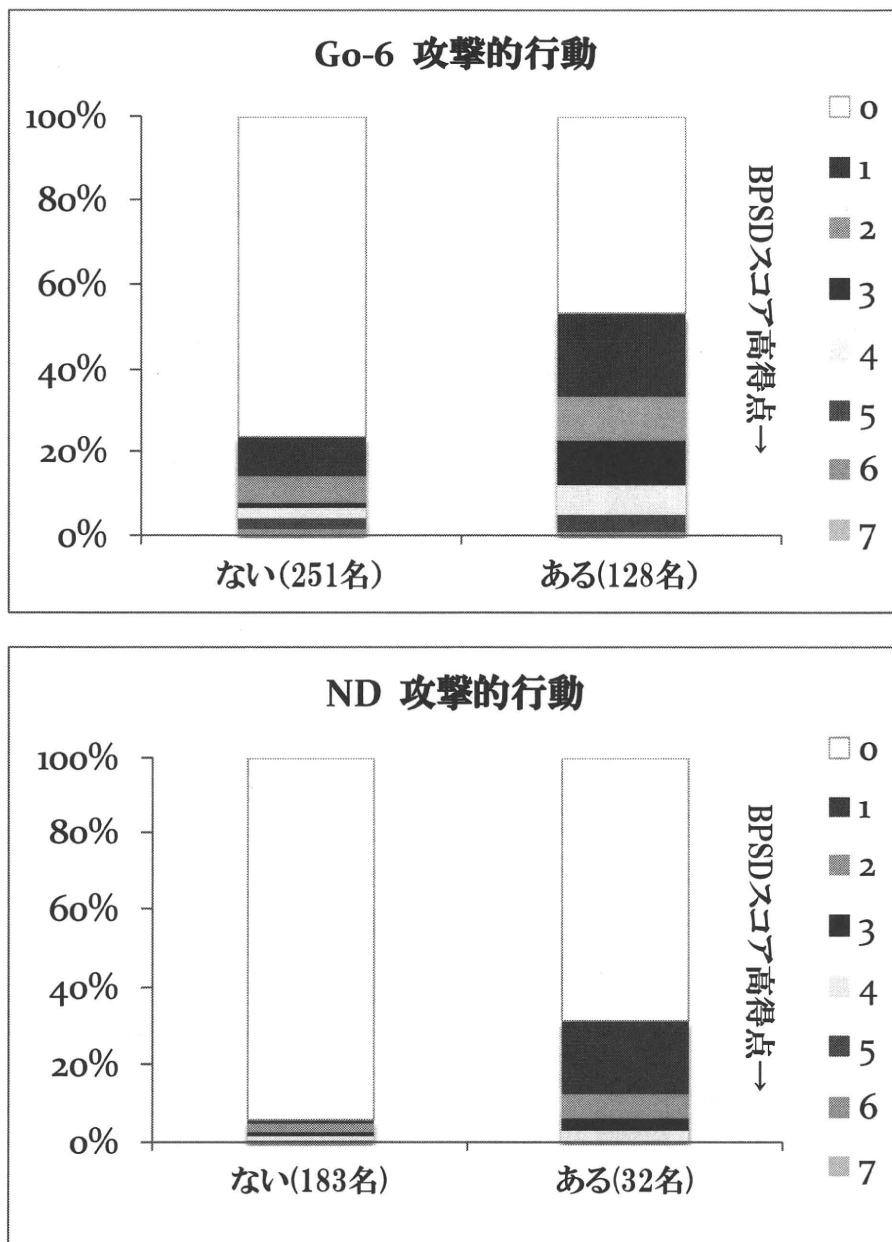
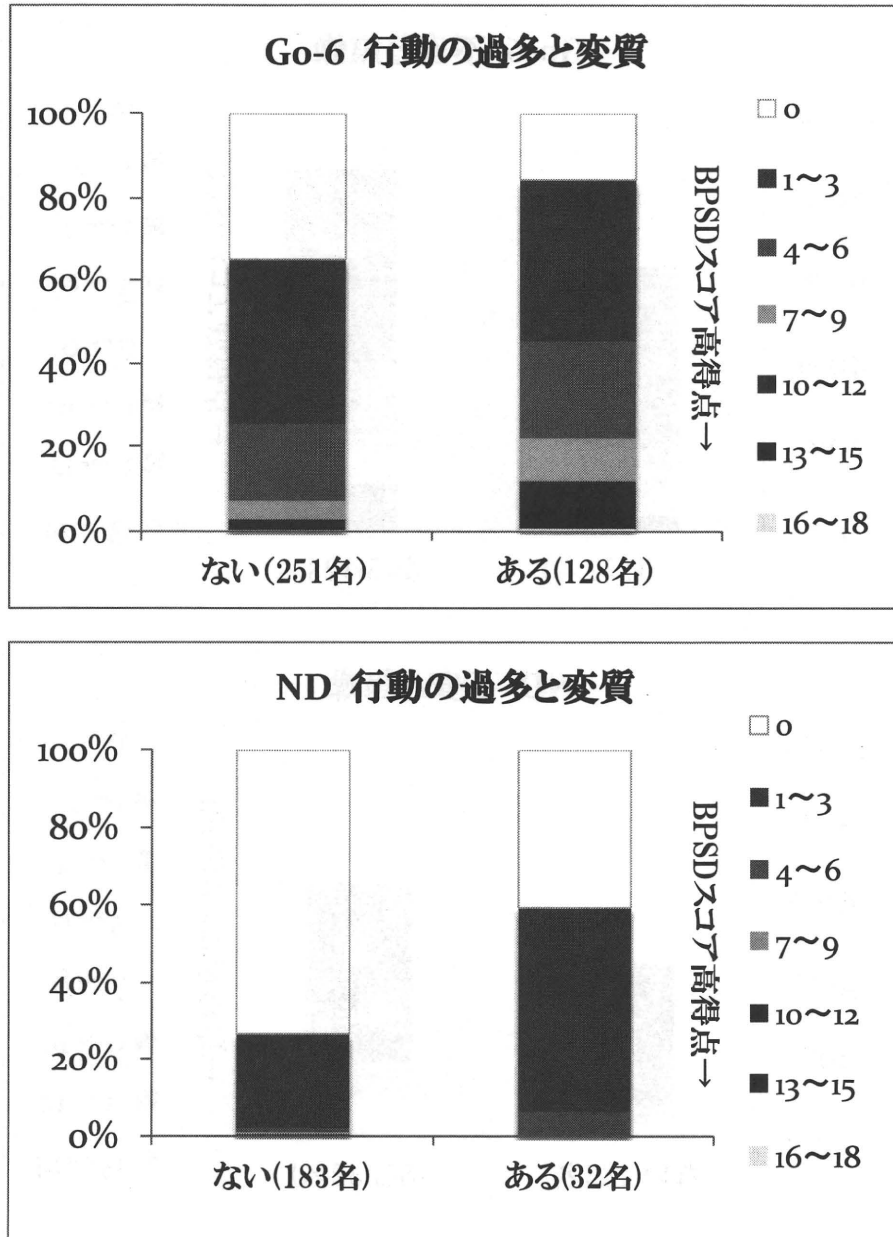


図 9-1 : BPSD カテゴリ (攻撃的行動) と昼夜逆転の関連性



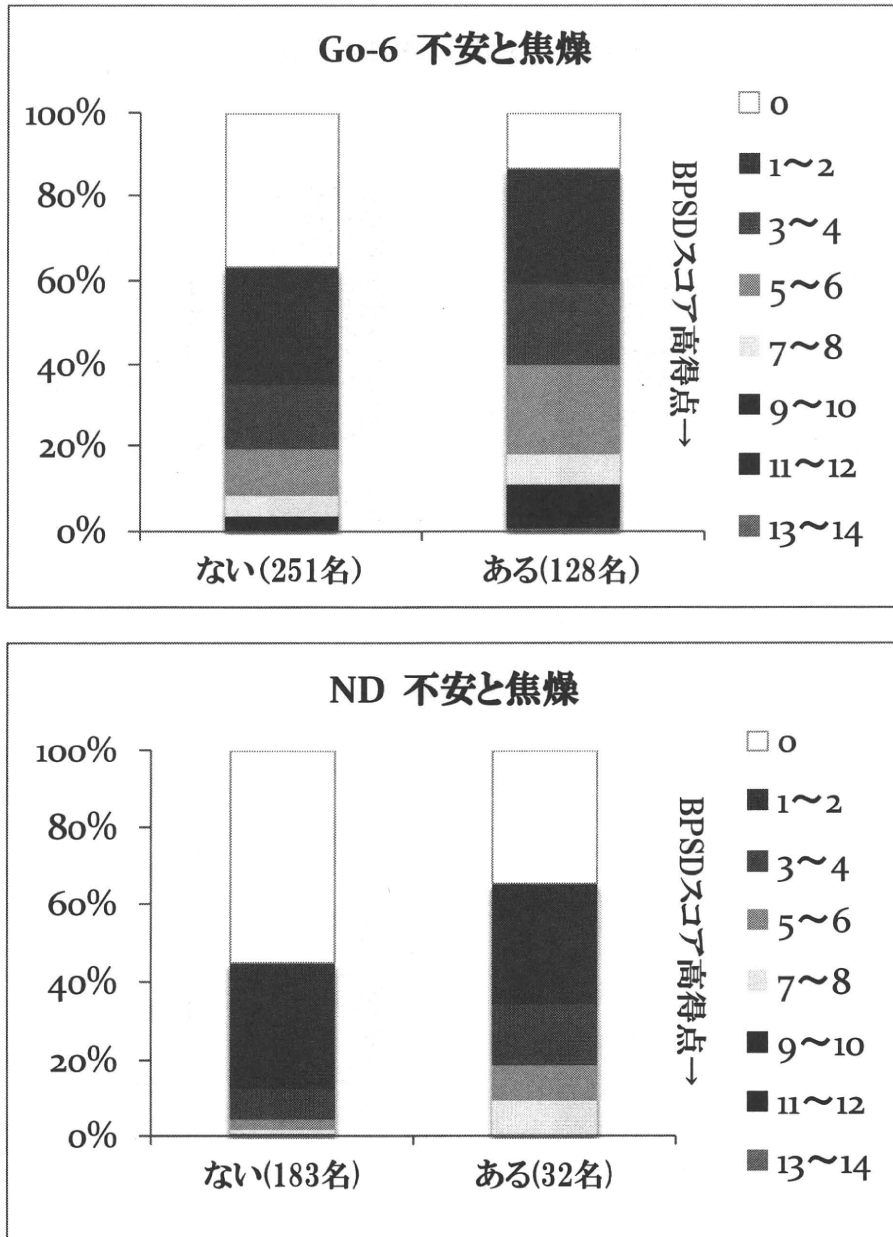
昼夜逆転の有無

図 9-2 : BPSD カテゴリ (行動の過多と変質) と昼夜逆転の関連性



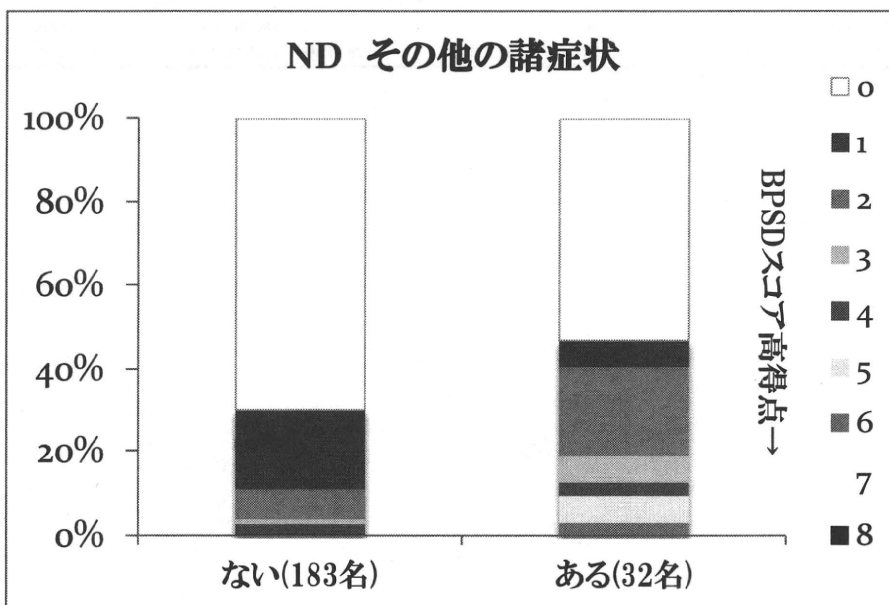
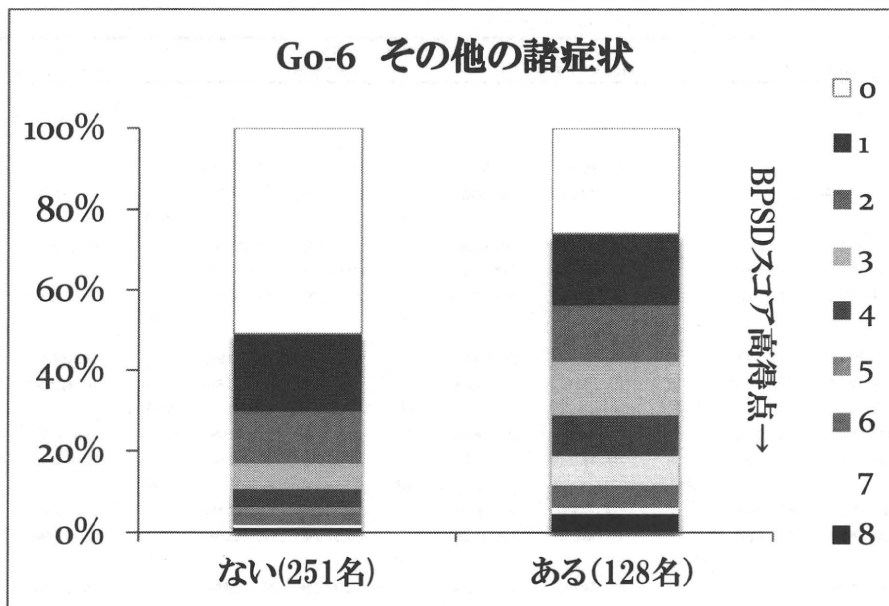
昼夜逆転の有無

図 9-3 : BPSD カテゴリ (不安と焦燥) と昼夜逆転の関連性



昼夜逆転の有無

図 9-4 : BPSD カテゴリ (その他の諸症状) と昼夜逆転の関連性



昼夜逆転の有無