

Clinical and screening utility of the Burnout Assessment Tool: A comparative evaluation of BAT23, BAT12 and BAT4 in Sweden¹

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1. Supplementary material
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Table A1. Sensitivity analysis using data from participants (n=25) for whom diagnosis exhaustion disorder was confirmed by a healthcare professional: SENS= sensitivity, SPEC=specificity, Δ= differences in cut-off values between main and sensitivity analyses; bold denotes <0.70; orange= mild complaints (at risk for clinical burnout), red= severe complaints (very high risk for clinical burnout).

		Sensitivity analysis			
		Cut-off	SENS	SPEC	Δ
BAT23 ¹	Total	Orange	0.96	0.81	0.04
		Red	0.64	0.91	-
	EX	Orange	0.92	0.87	0.12
		Red	0.76	0.91	-
	MD	Orange	0.80	0.58	0.20
		Red	0.12	0.92	-
	CI	Orange	0.84	0.79	-
		Red	0.52	0.94	-
	EI	Orange	0.76	0.75	-
		Red	0.40	0.91	-
BAT12 ¹	Total	Orange	0.88	0.78	0.08
		Red	0.56	0.91	-
BAT4 ¹		Orange	0.96	0.72	0.26
		Red	0.40	0.94	-

¹BAT= Burnout Assessment Tool, long (BAT23) short (BAT12) and ultra-short (BAT4) version;

Supplementary Table S2. Percentages and counts of burnout complaints (and risk for clinical burnout) in a representative sample of Swedish work force (n=1603); green= no complaints (low risk of clinical burnout) orange= mild complaints (at risk for clinical burnout), red= severe complaints (very high risk for clinical burnout).

BAT23 ¹		Swedish cut-off			Total
Pooled cut-off ²		Green % (n)	Orange % (n)	Red % (n)	% (n)
	Green	73.4 (1177)	6.7 (107)	0.0 (0)	80.1 (1284)
	Orange	0.0 (0)	6.6 (105)	5.7 (92)	12.3 (197)
	Red	0.0 (0)	0.0 (0)	7.6 (122)	7.6 (122)
Total		73.4 (1177)	13.2 (212)	13.3 (214)	100.0 (1603)

¹BAT= Burnout Assessment Tool long (BAT23) ²Pooled cut-off according to: Schaufeli, W. B., De Witte, H., Hakanen, J. J., Keltainen, J., & Kok, R. (2023). How to assess severe burnout? Cutoff points for the Burnout Assessment Tool (BAT) based on three European samples. *Scandinavian Journal of Work, Environment and Health*, 49(4), 293-302.

Supplementary Table S3. Percentages and counts of burnout complaints (and risk for clinical burnout) in a representative sample of Swedish work force (n=1603); green no complaints (low risk of clinical burnout) orange= mild complaints (at risk for clinical burnout), red= severe complaints (very high risk for clinical burnout).

BAT12 ¹		Swedish cut-off			Total
Pooled cut-off ²		Green % (n)	Orange % (n)	Red % (n)	% (n)
	Green	68.1 (1092)	13.5 (217)	0.0 (0)	81.6 (1309)
	Orange	0.0 (0)	5.7 (92)	5.5 (87)	11.2 (179)
	Red	0.0 (0)	0.0 (0)	7.2 (115)	7.2 (115)
Total		68.1 (1099)	19.2 (310)	12.7 (205)	100.0 (1603)

¹BAT= Short Burnout Assessment Tool long (BAT12), ²Pooled cut-off according to: Schaufeli, W. B., De Witte, H., Hakanen, J. J., Keltainen, J., & Kok, R. (2023). How to assess severe burnout? Cutoff points for the Burnout Assessment Tool (BAT) based on three European samples. *Scandinavian Journal of Work, Environment and Health*, 49(4), 293-302.