Supplementary material

Details on the general methodology

Fig. I. The golf green simulator used for the present study.

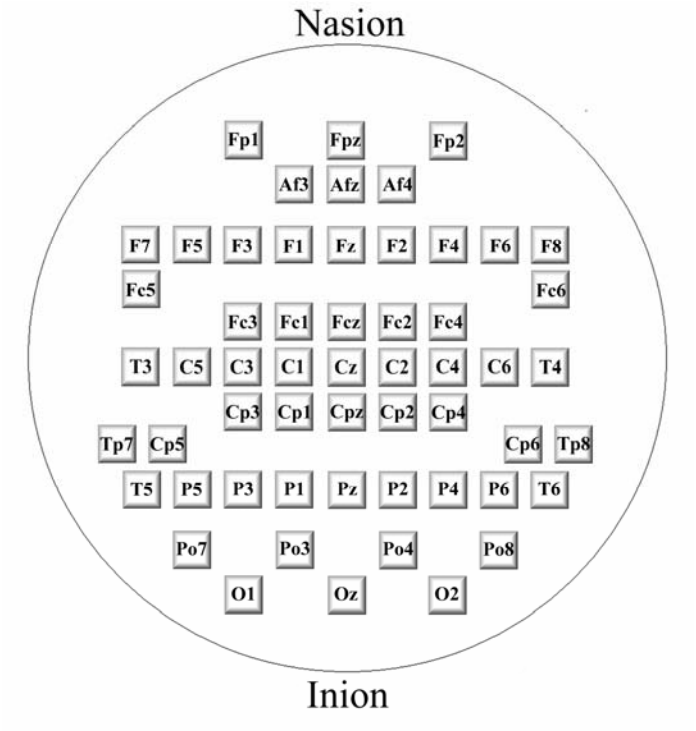

Fig. II. Electroencephalographic (EEG) electrode montage.

Surface Laplacian estimation (regularized 3-D spline function; Babiloni et al. 1996, 1998) acts as a spatial filter of the EEG potential distribution that reduces the effects of head volume conductor and annuls the influence of electrode reference (Nunez 1995; Babiloni et al. 1996).

References

Babiloni F, Babiloni C, Carducci F, Fattorini L, Onorati P, Urbano A. Spline Laplacian estimate of EEG potentials over a realistic magnetic resonance-constructed scalp surface model. Electroencephalogr Clin Neurophysiol. 1996 Apr;98(4):363-73.

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Nunez PL. Neocortical dynamic and human EEG rhythms. Oxford University Press New York. 1995