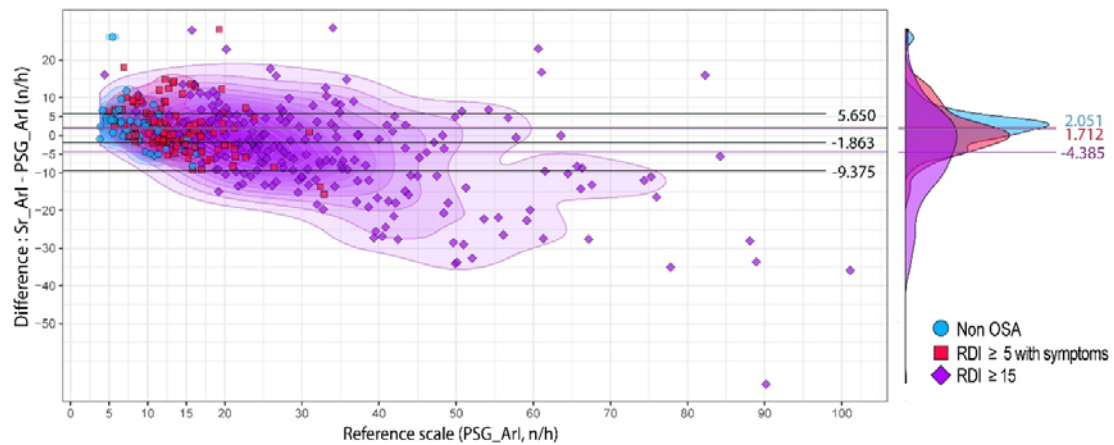


eFigure 4. Bland-Altman evaluation of the agreement between the 2 methods for the arousal index



Caption

Bland-Altman graph showing individual disagreements between PSG_ArI and Sr_ArI (Y-axis) as a function of the true PSG_ArI values (X-axis); each point represents an individual case. The data were stratified into 3 groups: 1) non-OSA group (blue), 2) patients with $PSG_RDI \geq 5$ with clinical symptoms (red) and /or comorbidities and 3) patients with $PSG_RDI \geq 15$ (purple). Kernel density estimations plots were used to show the distribution of disagreement within each clinical sub-group. Several horizontal lines indicate the mean difference in the whole sample (black) and within each clinical group (blue, red and purple). Two dashed lines indicate the lower and upper level (Mean \pm 1.96 SD) of the disagreement in the whole sample.