

Why You Should Never Use Radar Plots !



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MY JOB



WHAT IS DATA VISUALIZATION ?

Data visualisation serves at least two main purposes :

- ▶ Data exploration

Graphs as visual tests, comparisons (short time to built and to read)

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The problem is that :

*“ Communicating implies simplification
data exploration implies exhaustivity ”*

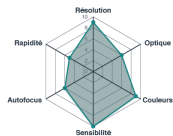
RADAR PLOT

Radar plots or charts, also called Spider or Web charts are very popular tools for representing individuals scores of brands, firms, players recorded or evaluated for different variables, different activities or dimensions.

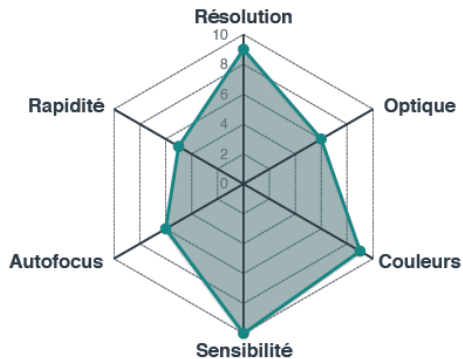


La note du Labo Fnac ★ ★ ★ ★

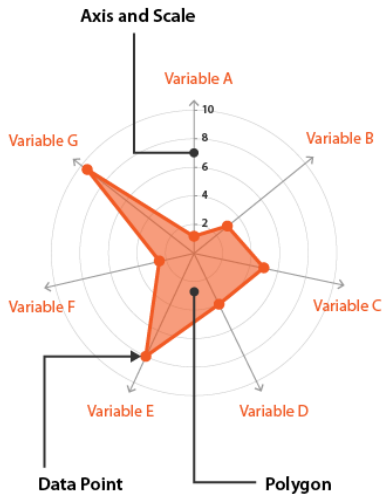
Malgré son aspect extérieur, l'Alpha 3000 n'est pas un reflex, c'est un hybride sans miroir, doté d'un capteur CMOS au format APS-C de 19,8 millions de pixels et d'une monture de type E (similaire à la gamme Nex). L'écran de 7,6 cm affiche 230 400 points et le viseur électronique 201 600 points. Un flash rétractable est intégré. Plutôt équilibré, l'Alpha 3000 possède un excellent capteur qui obtient de très bons résultats aux tests (résolution, sensibilité et respect des couleurs), mais l'appareil manque de réactivité. L'autofocus en particulier n'est pas aussi rapide et efficace que celui des produits de la gamme NEX de Sony. Il gagnera à être associé avec une optique aux performances supérieures à celles du zoom proposé par défaut, par exemple une focale fixe. L'Alpha 3000 est un appareil avec du potentiel, pour un budget raisonnable.



RADAR PLOT : EXAMPLE

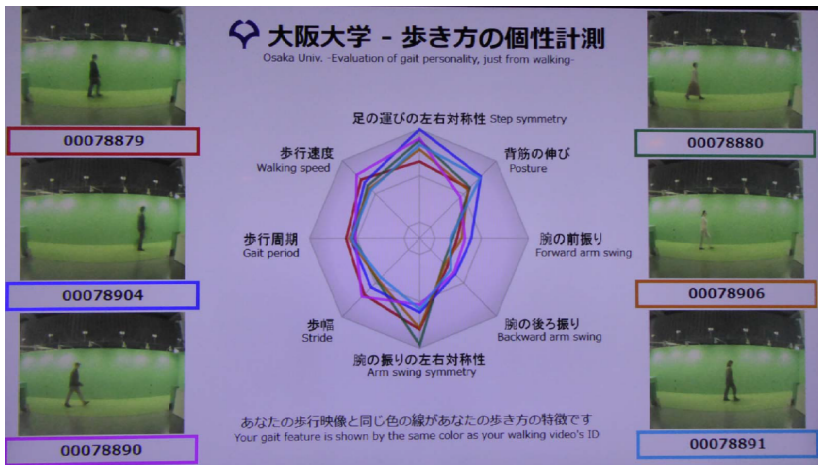


RADAR PLOT : CONSTRUCTION



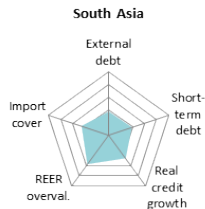
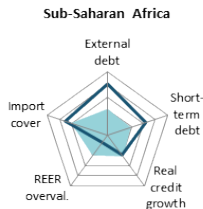
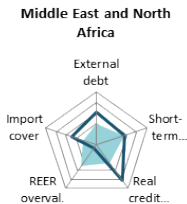
RADAR PLOT : USE

Comparing multi dimensions for various observations/users



RADAR PLOT : USE

Comparison is based "visually" by examining surfaces



The best surface has the best results, right?

SO WHY THIS TITLE ?

Why You Should Never Use Radar Plots !

Let's do a practical example : with 