

RELATIONSHIP AMONG OUR EMOTIONS?



Carmona García, M^a Victoria. Pardo Carmona, María y Suárez Pino, Beatriz
 Facultad de Psicología
 Universidad de Granada



Synaesthesia is characterised by idiosyncratic ectopic sensations which commonly take the form of coloured visual impressions evoked by touch or hearing. Some studies which demonstrates that the synaesthetic colour depended only on phonetic cues in one case, but on semantic context in others; so, the people blind could have the same possibilities to the synaesthesia perception. In fact, exists one study about visaul synaesthesia in blind. This investigation, used 6 late- blind individuals who retained synaesthetic colour perception.

In the other hand ,Synesthesias are genuine perceptions, they are produced by hyper-connectivity among the cerebral areas. Neurologically speaking, if the crossing is extensive, that is to say, if the interconnections are related to cerebral parts that process or represent summaries of concepts, this would explain links between creativity, metaphor and synesthesia, with the consequent greater incident among artists subjets; so, our investigation is one attempt to answer to the question “Are there differences between synaesthetic perception of late-blind subjects and synaesthetic perception of musician subjects?” and “Can be the culturals association the anwer?”

PARTICIPANTS

12 participants, (range 20 - 45 years) The groups were composed by 6 subjects who were musician ($\mu= 20,5$); and 6 subjects who three were late- blind and three were normal visual ($\mu= 33,3$).

All subjects TENÍAN ESTUDIOS SUPERIORES.

HYPOTHESIS:

The possibilities the culturals association in subjects late- blind will be bigger than the possibilities the culturals association in musician subjects.

INSTRUMENTS

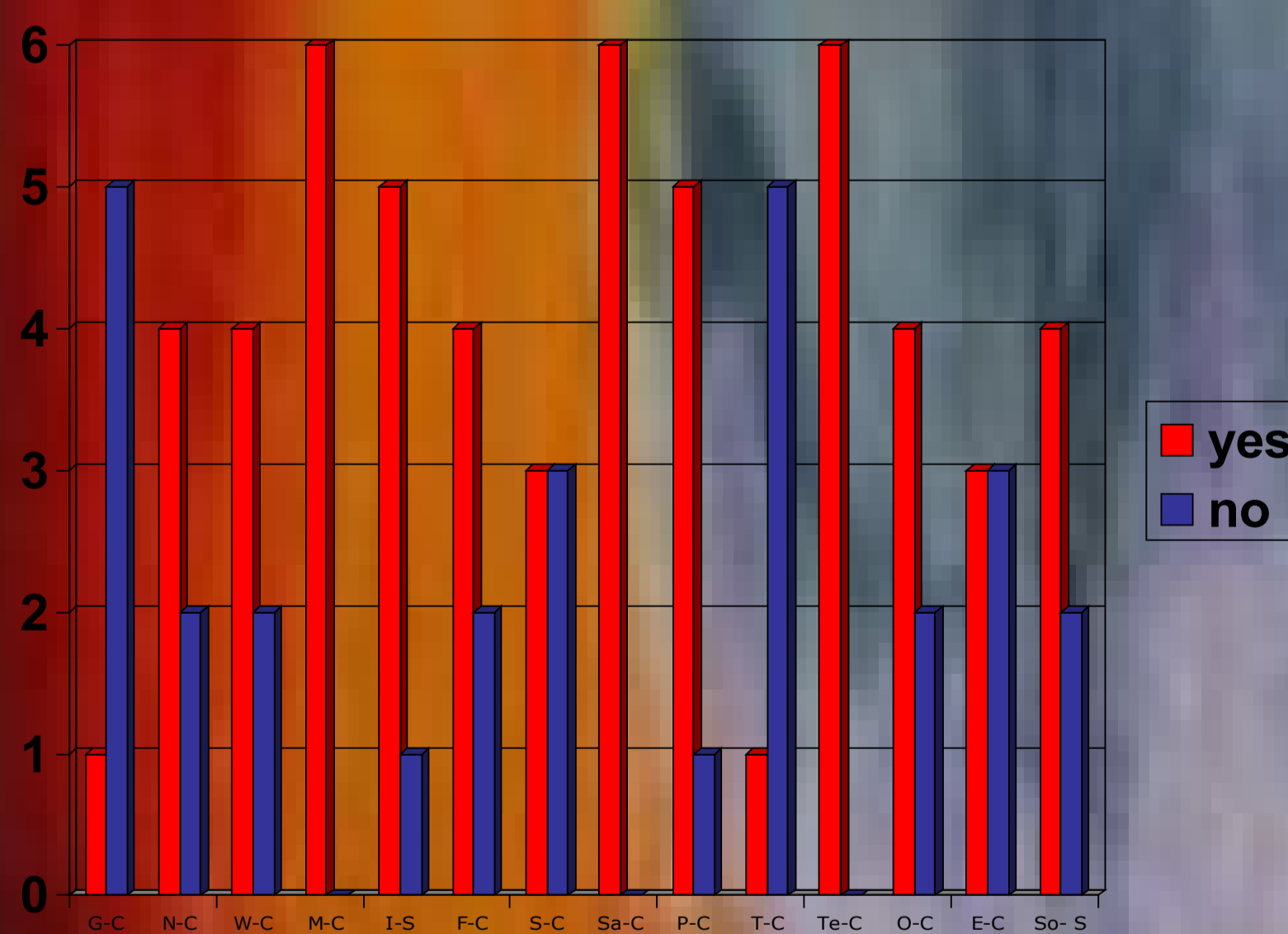
The “Synesthesia Battery” and the investigation “Visual synaesthesia in the blind”

METHOD

PROCEDURE

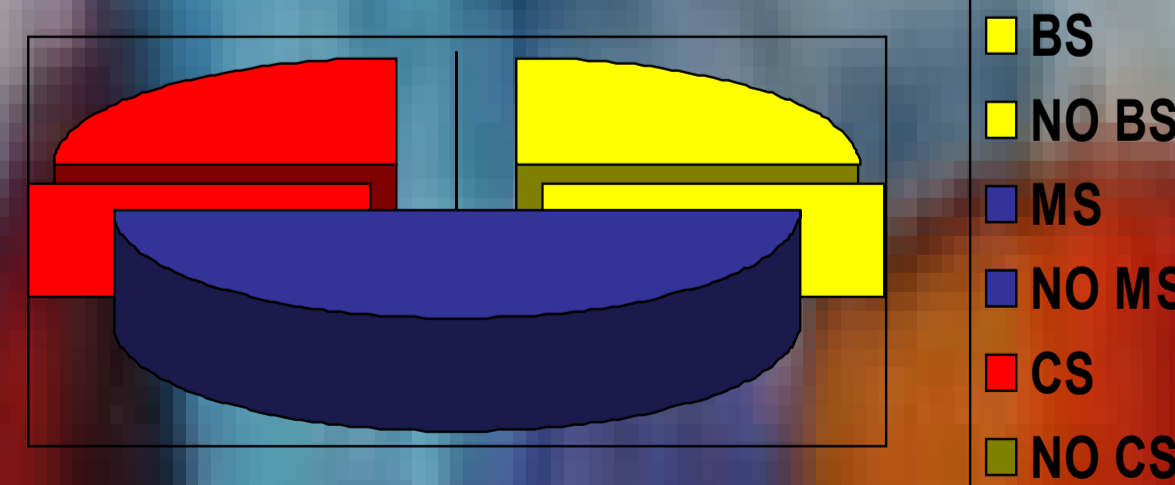
12 subjects in two groups. The first group were composed by the 6 musician subjects (MS). The second group were composed by the 3 late- blind subjects (BS) and 3 normal visual who acted of control subjects (CS). We testing the “Synesthesia Battery” to all participants. Most of them were interviewed in a café with the same experimenters. Only the group “BS” were interviewed in their home. Before starting the questionnaires, we explained the synaesthesia definition. All subjects answered the test individually.

RESULTS

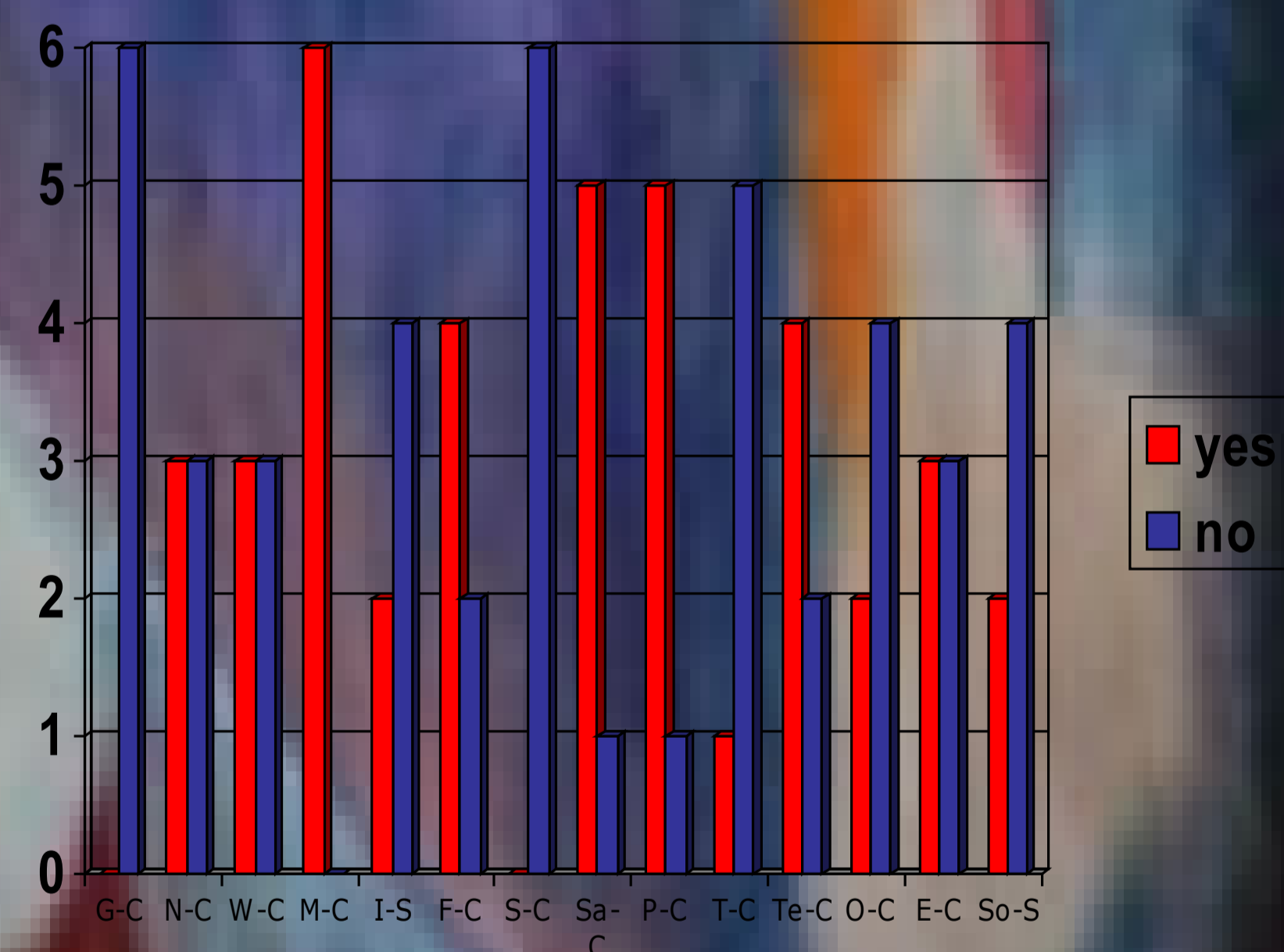


Musician group (MS)

Results show that the BS group has obtained more culturals association than the MS group. However in the CS group has obtained any differences. Finally, we have found one subject with sinaesthetic perception in the musician group (MS).



Cultural association



Late-blind (BS) and control subjects (CS)

DISCUSSION

According to the results, we can say that the hypothesis is certain because the possibilities the culturals association in subjects late- blind will be bigger than the possibilities the culturals association in musician subjects. In fact we have found one subject with a possible sinaesthetic perception in MS group while than in BS group and CS group, their answers were attributed to the culturals association.