

## Upper Case - Lower Case Letter Matching: Instructions for Use

In this task, the subject must find the correct upper case form to match a given lower case letter. Distractor letters are visually similar to the target. Note that, in order to do this task, the subject does not have to name the letter (indeed, a subject may be unable to name letters, yet still be able to do this task) - we know from experiments with skilled adult readers that a name code need not be involved in identifying upper and lower case forms of letters. However, neither can the match be carried out purely on the basis of visual similarity, since some lower and upper case forms (eg. **E** and **e**) have physically dissimilar shapes. Experimental evidence suggests that the task can be carried out successfully by finding that upper and lower case forms have a common abstract letter identity.

### Descriptive Statistics (for 26 control subjects):

<b>Letter Matching</b>	(n = 26)	Mean = 25.96	Std. Dev. = 0.20
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**Suggestions for Where to go next:** If a subject does well on this task, it is unlikely that performance will be impaired on lower case - upper case matching. See whether the subject can also name letters [22], since it is clear that subjects can be impaired in letter naming, while still able to match letters on the basis of a common identity (Coltheart, M., Patterson, K.E. & Marshall, J.C. (1987) **Deep Dyslexia**. London: Routledge & Kegan Paul).

Even though a subject can successfully match individual letters, there may be a problem in processing letters in words (see papers in Riddoch, J. (1991) **Neglect and the Peripheral Dyslexias**. London: LEA); therefore test performance on [21].

If a subject is impaired in this task, try lower case - upper case matching [20]. This can help to find whether errors occur consistently on a subset of letters. Test whether the subject can distinguish correct and incorrect letter forms (Mirror Reversal [18]).

**PALPA**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Mark the small letter that matches the capital letter

I	j	T	t	G	g
	i		f		q

S	z	X	x	E	e
	s		k		O

U	v	W	m	C	a
	u		w		c

D	b	R	n	A	a
	d		r		u

Y	y				
	p				

Name:	Date:
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Mark the small letter that matches the capital letter

Z	s	F	t	J	i
	z		f		j

M	m	K	x	Q	q
	n		k		g

O	o	V	u	P	y
	e		v		p

B	b	L	l	H	h
	d		f		k

N	n	Number Correct	/26
	m		