

( / ± / ) -

NORDIC

SPSS Win/11

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(IPAQ)

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 %  
 (Matsui H. et al. . 1997)  
 ( Burdorf A. 1997, Buedorf A. et al. 1997, Yamamoto .S . 1997)  
 (Matsui H. et al. 1997, . Holmstrom E.B. et al. 1992)  
 -  
 %  
 (Hartvigsten J. et al. 2001)  
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 (Anderson J. A. 1981).  
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 % (Pope M.H. 1989)  
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 (Soriano E. R. et al. . 2002)  
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 (Holmstrom E.B. . et al. .1992)  
 (Lu j.L. 2003). -  
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 (Masset D. and Malchaire . J. 1994)

(Funakoshi M. et al.

2004)

% % . % /

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NORDIC

(IPAQ)

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SPSS Win/11

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Square)

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( $P = /$  )

(% / )

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Holmstrom E.B. etal. 1992, Masset D.  
and malchaire J. 1994)

(% )

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(Anderson J.A. 1981

(% / )

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.L. 2003, Burgmeier A.C. etal. 1998)

(Pope M.H. 1989, De Gandemaris R.etal. 1986)

(Lu J. A. 2003, Burgmeier A.C. etal. . .  
1988, Nordin M. 1997).

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(Burgmeier A.C. etal. 1998)  
(aging)

(Pope M. H. .  
1989, Yamaoto S. 1997, Garcy P. etal.  
1996)

(Kalpen skey B. 2000).

% /  
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(Masset D. and Malchaire j. 1994)

(Kalpen skey B. .  
2000, Nordin M. 1997, Garcy P. etal.  
1996)

(Matsui .  
H. etal. 1997, Burdorf A. etal. 1997,  
Funakoshi M. etal. 2004, Kalpenskey  
B. 2000, Garg A. and Moore J. S.  
1992)

(Burdorf A. etal. 1997, Lu j.

(Verbeck J.H. et al. 2002, Yu T.S. et al. 1984)

(n = )

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(Kalpen skey B.  
% /

2000

(Soriano .  
E.R. et al. 2002, Burgmeier A.C. et al .  
1988)

(Pope M.H. 1989, Yamamoto S.  
1997)

(Anderson J.A. .  
1981, Soriano E.R. et al. 2002)

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P – Value		
/	(% )	
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/	(% )	
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