

7KH 3UHYDOHQFH RI *OXWHQ)UHH 'LHW DW WI
6HFWRQRQDO 6XUYH\

'RXJODVQRFRQXOWDQ \$O 6KDTVL 0DVWXUD %DGURQ 1DGLDK 0RKG 5DIDLQ .XULQML 1DODQNLOOL 6KLYD
\$WKHQV DQG .LUVWLQ .HQULFN

'XQHGLQ 6FKRRO RI 0HGLFLQH 8QLYHUVLW\ RI 2WDJR 1HZ =HDODQG
&RUUHVSQRGLQJ DXWKRU

FRQFHUQV KDYH EHHQ UDLVHG WKDW WKH GLHW PD\ OHDG WR GHILFLHQFLHV L
FHUWDLQ QXWULHQWV VXFK DV WKLDPLQ ULERIODYLQ QLDFLQ IRODWH DQG L
> @

'HVSLWH WKLV DQHFGRWDO HYLGHQFH VXJJHVVV WKDW XS WR RI
\$XVWUDOLDQV ZLWKRXW &' IROORZ D *)' > @)XUWKHUPRUH D FURVV
VHFWLRQDO VXUYH\ DPRQJ D FRKRUW RI 1HZ =HDODQG FKLOGUHQ IRXQG
WKDW DYRLGHG JOXWHQ ZLWKRXW D GLDJQRVLV RI &' > @ 7KLV FRXOG
LQGLFDWH WKDW VRPH SHRSOH UHVWULFW WKHLU GLHW DQG QXWULWLRQD
VXSSOHPHQWV ZLWKRXW YDOLG PHGLFDO UHDVRQ

7KHUH LV D ODFN RI GDWD UHJDUGLQJ WKH SUHYDOHQFH RI DGXOWV IROORZLQ

3UHYDOHQFH RI *)'

5HDVRQV IRU WKH *)'

7KH PRVW FRPPRQ UHDVRQ IRU EHLQJ RQ D *)' ZDV IHHOLQJ XQZHOO
ZKHQ HDWLQJ IRRG WKDW FRQWDLQHG JOXWHQ ZLWK SHRSOH RI WKH
FXUUHQWO\ RQ WKH *)' H[SHULHQFLQJ V\PSWRPV VXFK DV DEGRPLQDO
GLVFRPIRUW EORDWLQJ ORRVH VWRROV DQG IDWLJXH 6WXGHQWV PRUH
FRPPRQO\ UHSRUWHG WU\LQJ WKH GLHW WR LPSURYH HGHUJ\ OHYHOV
FRPSDUHG WR VWDII 2WKHU FRPPRQ UHDVRQV UHSRUWHG E\
VWXGHQWV DQG VWDII IRU IROORZLQJ D *)' ZHUH WR EH KHDOWKLHU D
EHOLHI WKDW WKH\ KDG JOXWHQ LQWROHUDQFH JOXWHQ VHQVLWLYLW\
WR ORVH ZHLJKW (LJKW VWXGHQWV DQG VWDII DG
UHSRUWHG KDYLQJ D GRFWRU FRQILUPHG GLDJQRVLV RI &' JLYLQJ D WRWDO
VWXG\ SRSXODWLRQ SUHYDOHQFH RI IRU &' \$ FRPPRQ UHDVRQ IRU
EHLQJ RQ WKH *)' OLVWHG DPRQJ WKH ZKR VHOHFWHG fRWKHUg
ZDV ,UULWDEOH %RZHO 6\QGURPH 7KHVH ILJXUHV DUH SUHVHQWHG LQ 7DEOH

HGXFOWLRQDO OHYHO DPRQJ XQLYHUVLW\ VDPSON FRPSDUHG WR WKH JHQHUDO
SRSXODWLRQ 8QLYHUVLW\ SDUWLFLSDQWV DUH OLNHO\ WR VHHN PHGLFDO DWWH
IRU WKHLU V\PSWRPV DQG WKHUHIRUH PRUH OLNHO\ WR EH WHVWHG DQG

*UHHQ 3+ 0RUWDOLW\ LQ Fholdf GLVHDVH LQWHVWLQDO LQIODPPDWLRQ DQG
JOXWHQ VHQVLWLYLW\ -\$0\$
*DHV\$H\$QJDGL 66 *OXWHQ IUHH GLHW LPSUXGHQW GLHWDU\ DGylfH
IRU WKH JHQHUDO SRSXODWLRQ" - \$FDG 1XWU 'LHW
:DKQVFK@DIFKXOJNH -' =HLW] 0 800ULFK 5 3UHGLFWRUV RI
FOLQLFDO UHVSRQVH WR JOXWHQ IUHH GLHW LQ SDWLHQWV GLDJQRVHG ZLWK GLDUUKH
SUHGRPLQDQW LUULWDEOH ERZHO \VQGURPH &OLQ *DvwURHQWHURO +HSDWRO

%LHVLHN\$H0XNU -* *LEVRQ 35 ,V JOXWHQ D FDXVH RI
JDVWURLQWHVWLQDO \PSWRPV LQ SHRSOH ZLWKRXW Fholdf GLVHDVH" &XUU \$OOHUJ\
\$VWKPD 5HS
&RRN +% %XUW 0- &ROOHW - \$:KLWHKHdG 05)UDPSWRQ &0 HW DO
\$GXOW Fholdf GLVHDVH SUHYDOHQFH DQG FOLQLFDO VLJQLILFDQFH -
*DvwURHQWHURO +HSDWRO
&XPPLQV \$* 5REHUWV 7KRPVRQ ,& 3UHYDOHQFH RI Fholdf GLVHDVH
LQ WKH \$VLD 3DFLILF UHJLRQ - *DvwURHQWHURO +HSDWRO
'XE«& 5RVWRP \$ 6\ 5 &UDQQH\ \$ 6DORRMHH 1 HW DO 7KH
SUHYDOHQFH RI Fholdf GLVHDVH LQ DYHUDJH ULVN DQG DW ULVN LR€0 Q 70 ''@δ00 0€δ