

6RFLR 'HPRJUDSKLF &RUUHODWHV RHM UHSUDHUV V
+RVSLWDO LQ 1LJHULD

&KLGR]RQDOG &KXNZXMPNDXXHO 2PDPXUKRPXU2DQGHZHL &BXINIZKPD 8JRFKXNZX 2NHDIRU
'HSDUWPHQW 2I 1HXURSV\FKLDWU\ 8QLYHUVLW\ RI 3RUW +DUFRXUW 7HDFKLQJ +RVSLWDO 3RUW +DUFRXUW
'HSDUWPHQW 2I 3V\FKLDWU\ 8QLYHUVLW\ 2I &DODEDU &URVV 5LYHUV 6WDWH 1LJHULD
&RUUHVSRQGLQJ&KOLXGARKR 'RQDOG &KXNZXMHNZX 'HSDUWPHQW RI OHQWDO +HDOWK 8QLYHUVLW\ R
FKLGR]LH FKXNZXMHNZX#XQLSRUW HGX QJ
5HFHLYHG GDWH)HE\$RQDHSWHG GDWH 0DUFK 3XEOLVKHG GDWH 0DUFK
&RS\ULJKW &KXNZXMHNZX HW DO 7KLV LV DQ RSHQ DFFHVV DUWLFOH GLVWULEXWHG XQGHU WKH W
XQUHVWULFWHG XVH GLVWULEWXLRQ DQG UHSURGXFWLRQ LQ DQ\ PHGLXP SURYLGHG WKH RULJLQDO D

\$EVWUDFW

2EMHFWRYLGHQWLII WKH VRFLR GHPRJUDSKLF IDFWRUV WKDW FRUUHODWH ZLWK C
KRVSLWDO LQ WKH 1LJHU 'HOWD UHJLRQ RI 1LJHULD

0HWKRGV VXEMHFVW UHFUXLWHG E\ D V\VWHPDWLF VDPSOLQJ PHWKRG S
'HSUHVVLRQ ,QYHQWRU\ %', ZDV DGPLQLVWHUHG WR HDFK SHUVRQ 2QO\ RQH K
FULWHULD IRU WKH VHFRQG VWDJH RI WKH VWXG\ D VFRUH RI DQG DERYH R
&RPSRVLWH ,QWHUQDWLRQDO 'LDJQRVWL ,QWHUYLHZ VFKHGXOH DQG GDWD DQD
VRFLDO VFLHQFHV 6366

5HVXOW\ SUHYDOHQFH RI GHSUHVVLRQ ZDV VLJQLILFDQWO\ ORZHU DPRQJ WKH P
XQPDULHG ZKLFK LQFOXGHV WKH ZLGRZHG WKH GLYRUFHS VHSDFUDHWIKIGJIDQDQG WKH
SUHYDOHQFH RI GHSUHVVLRQ DPRQJ ORZ LQFRPH HDUQHUV ZDV DOVR VWDWLVWLF

8VLQJ WKH FKL VTXDUH RU)LVKHUdV H[DFW WDLOHG WHVW FDWHJRULFDO YDULDEOHV ZHUH DQDO\]HG ZKLOH FRQWLQXRXV YDULDEOHV H J %', VFRUHV ZHUH FRPSDUHG EV WKH VWXGHQWdV W WHVW 'HJUHH RI DVVRFLDWLRQ EHWZHH VRFLR GHPRJUDSKLF YDULDEOHV DQG 'HSUHVVLRQ ZHUH DVVHVVHG XVLQJ PXOWLYDULDWH FRUUHODWLRQ DQDO\VLV > @

5 HVXOWV

H WDEOH EHORZ VKRZV WKH SUHYDOHQFH UDWHV RI GHSUHVVLRQ DPRQJ WKH GLVHUDJQWJURXSV LQ \HDQDUJ7DME\ HURSRUWLRQ RI WKH

