Starting R 64-bit on Windows 7
WER93E.tmp.appcompat.txt

Spot Check 1 – I am using the correct R.dll from the \bin\x64 directory

Spot Check 2 – I am using the correct Rgui.exe from the \bin\x64 directory
Spot Check 3 – R calls the 32-bit versions of the ntdll.dll and kernel32.dll from C:\Windows\System32 instead of the 64-bit from SysWOW64

R is calling the 32-bit versions of the ntdll.dll and kernel32.dll from the C:\Windows\System32 directory

Should be calling the 64-bit versions from the C:\Windows\SysWOW64