

**Supplemental File 2 R Script for calculation of correlation in the presence of spatial autocorrelation.**

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<b>Authors:</b>	Lieske SN <sup>1</sup> , Leao SZ <sup>2</sup> , Conrow L <sup>3</sup> , Pettit C <sup>2</sup>
<b>Affiliations:</b>	<sup>1</sup> The University of Queensland Brisbane Australia 4072 <sup>2</sup> The University of New South Wales Sydney 2052 <sup>3</sup> Arizona State University Tempe, AZ 85281
<b>Corresponding author:</b>	<a href="mailto:scott.lieske@uq.edu.au">scott.lieske@uq.edu.au</a>

```
23
24 #calculation for a single SA2
25 library(foreign) #for importing .dbf files
26 library(spatialPack)
27 SA2poly504011047.dbf <- read.dbf("C:/R/Corspatial/SA2poly202011019.dbf")
28 x <- SA2poly504011047.dbf$RL_VIC
29 y <- SA2poly504011047.dbf$ABS
30 coords <- SA2poly504011047.dbf[c("INSIDE_X","INSIDE_Y")]
31 Dutilleul.test <- modified.ttest(x, y, coords)
32 Dutilleul.test$corr
33 Dutilleul.test$p.value
34 |
```