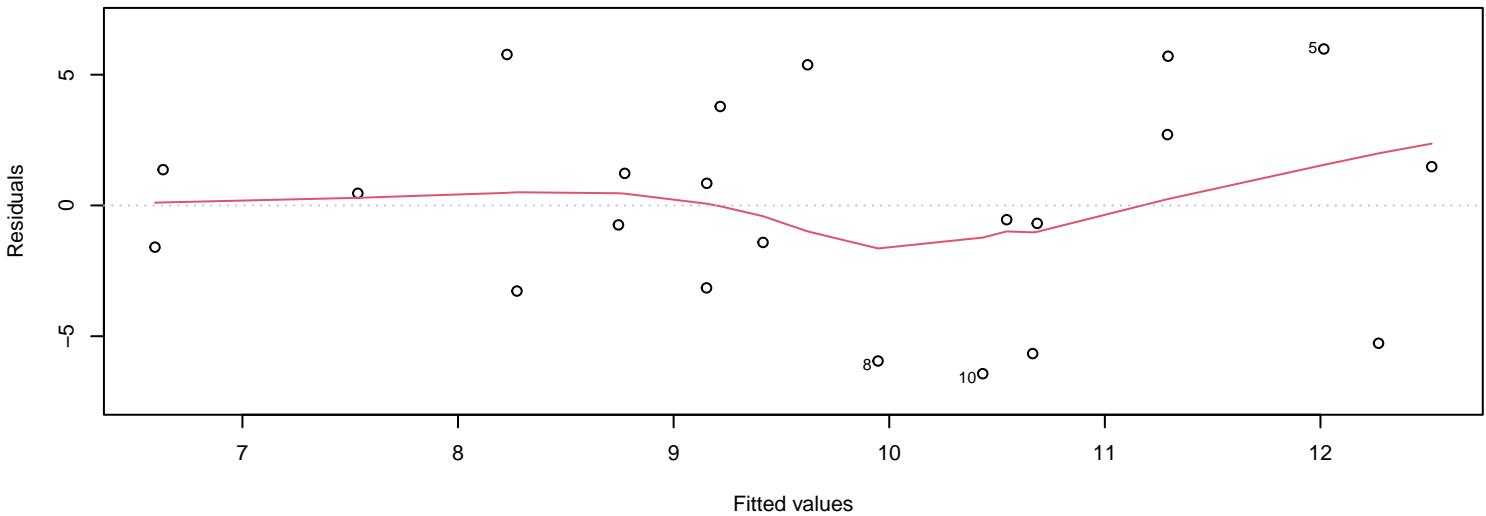
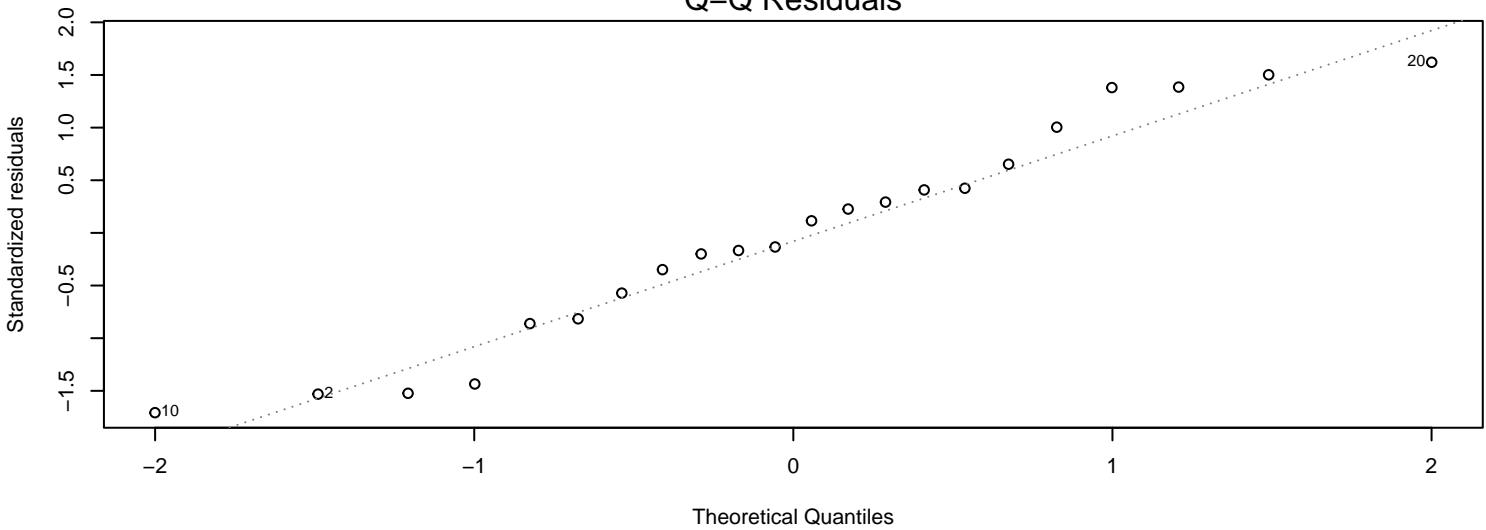


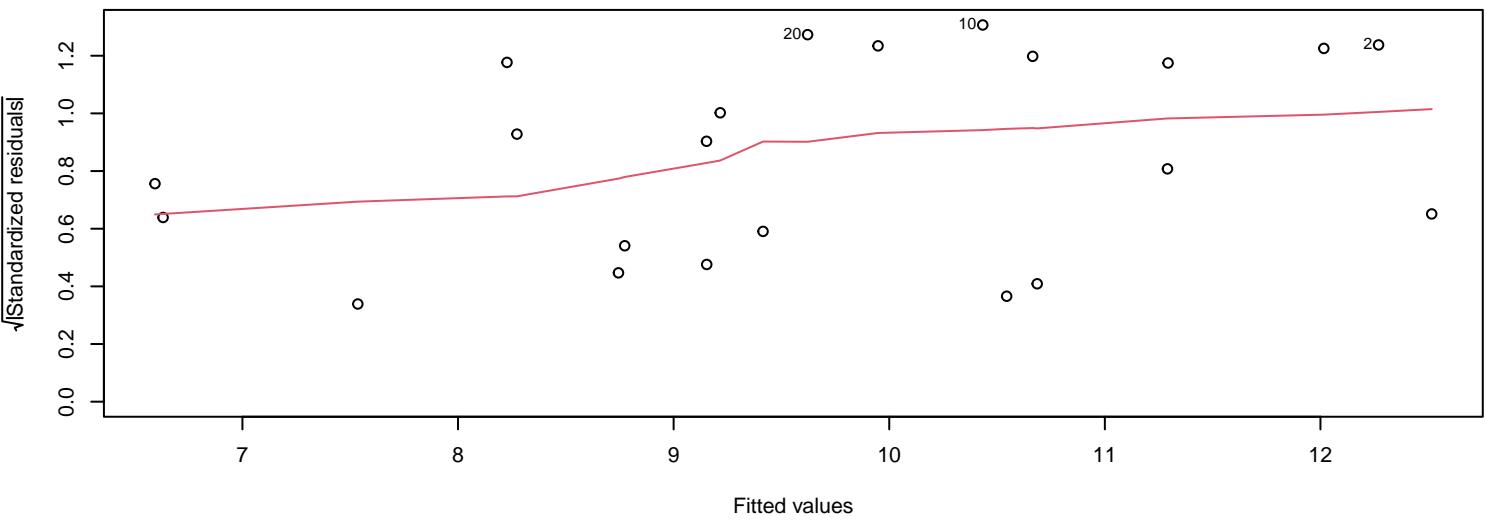
**Residuals vs Fitted: psqi\_sum ~ cpet\_hr\_restingsit**  
Residuals vs Fitted



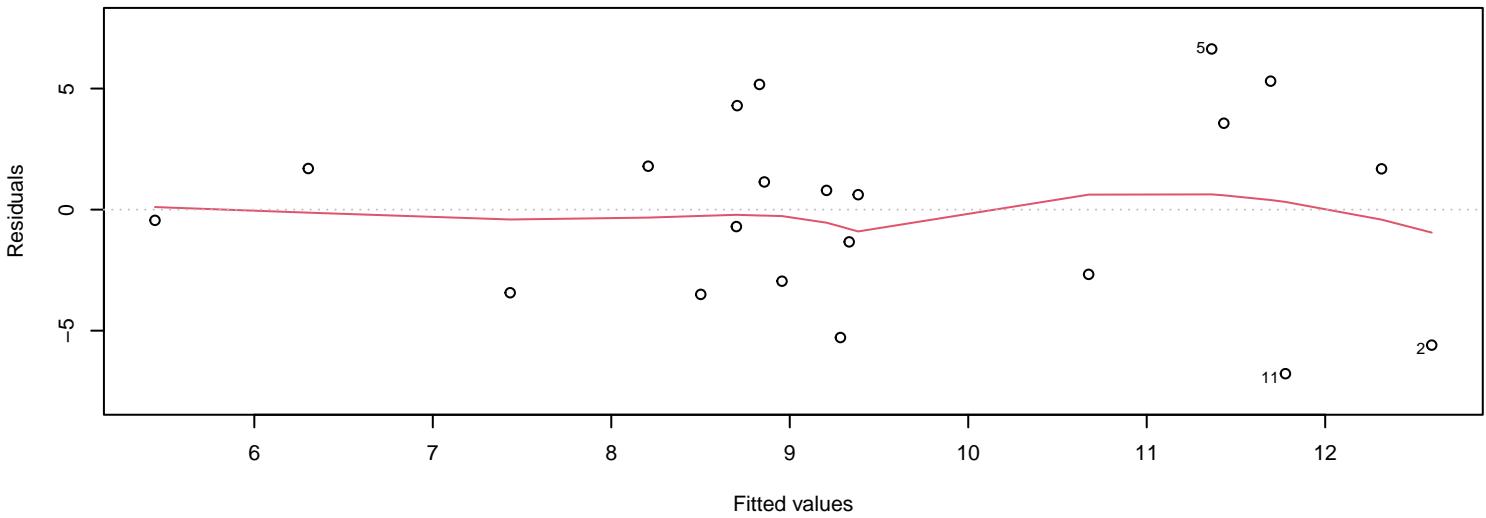
**Normal Q–Q: psqi\_sum ~ cpet\_hr\_restingsit**  
Q–Q Residuals



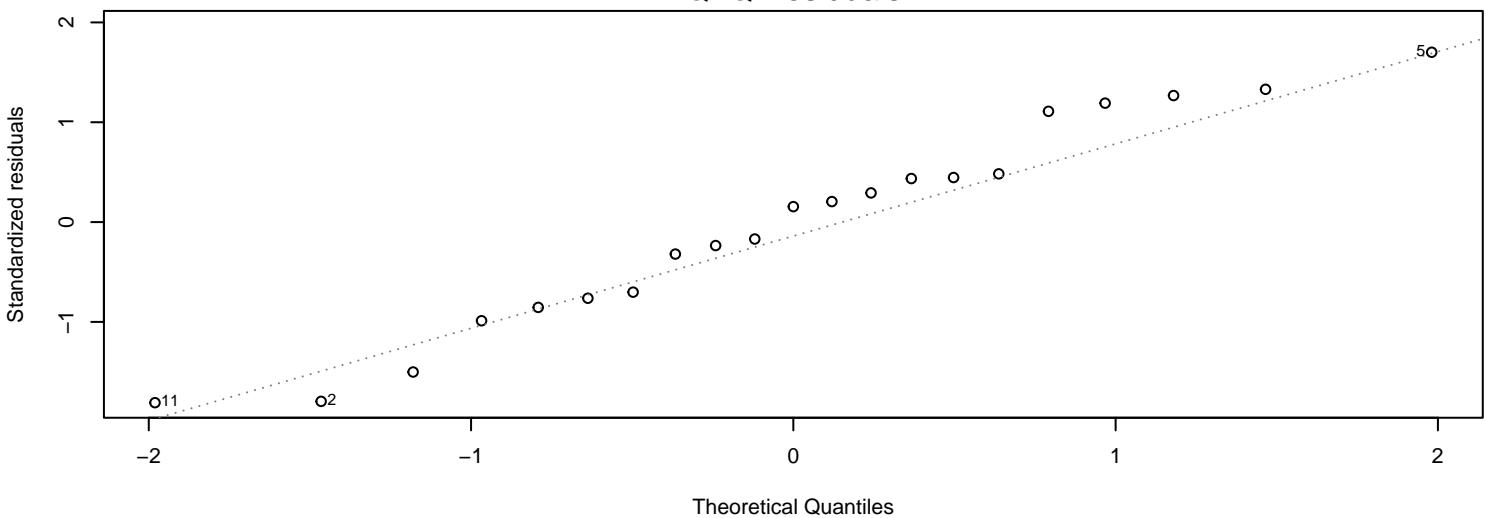
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Scale–Location



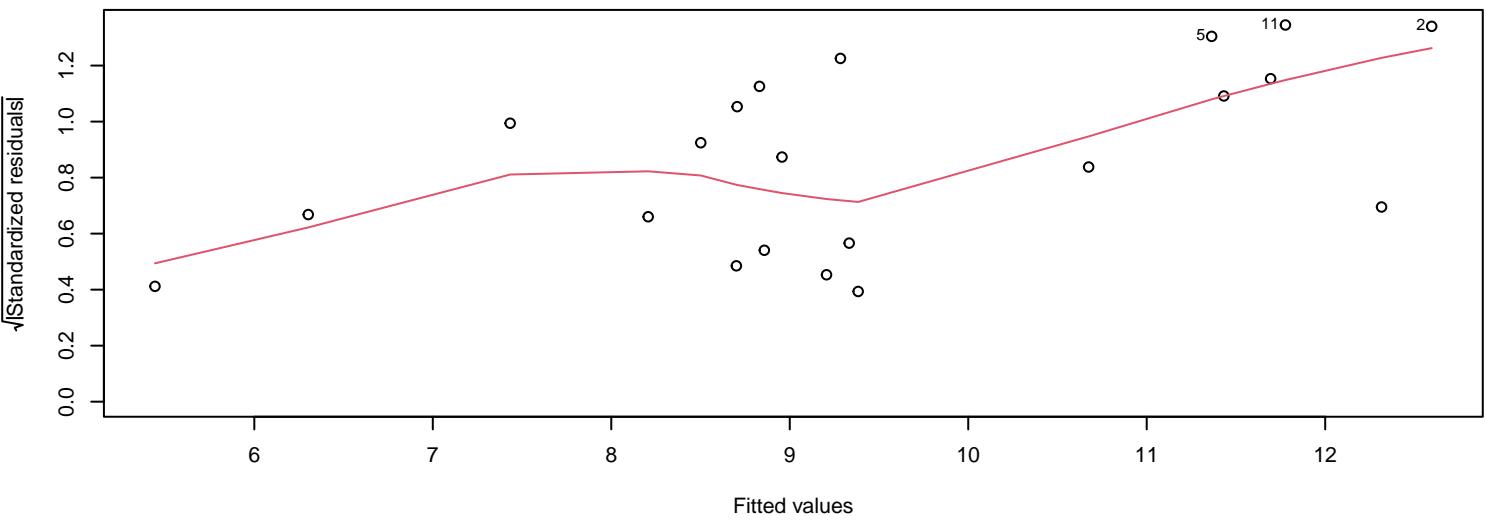
Residuals vs Fitted: psqi\_sum ~ cpet\_hrr1  
Residuals vs Fitted



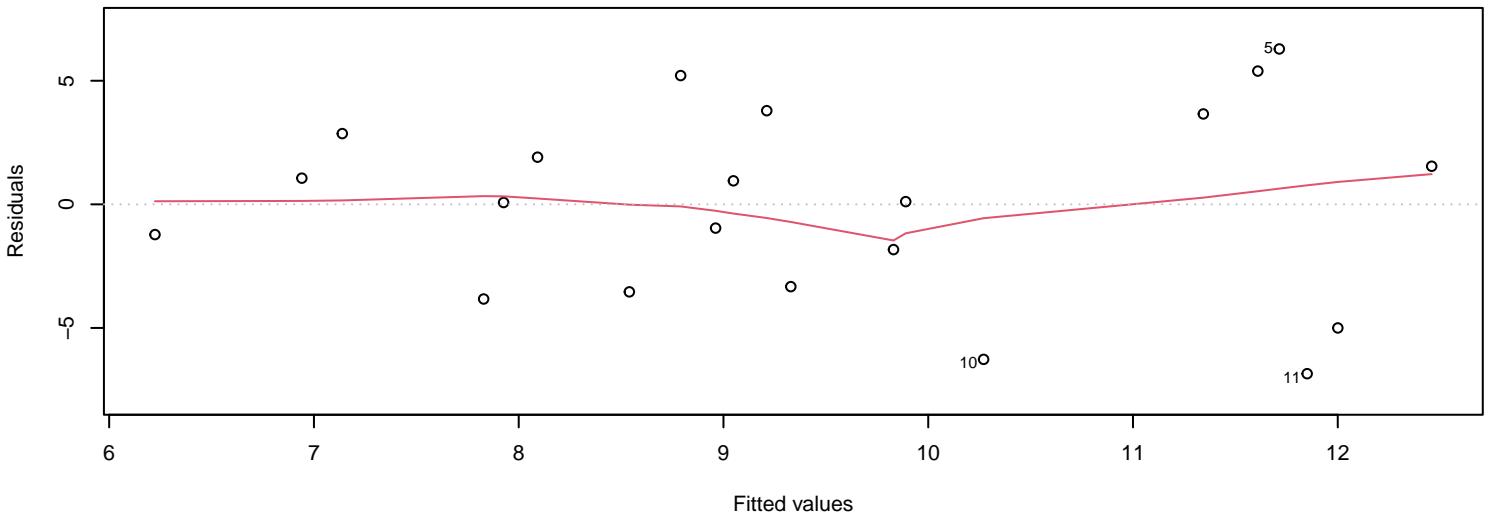
Normal Q–Q: psqi\_sum ~ cpet\_hrr1  
Q–Q Residuals



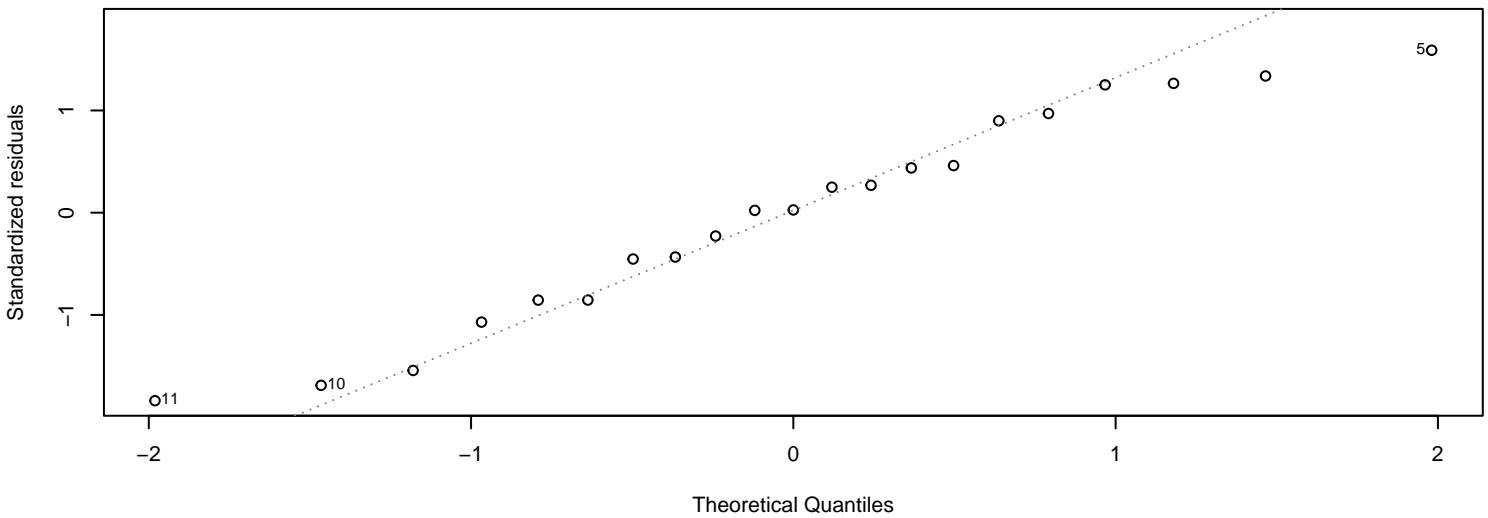
Scale–Location: psqi\_sum ~ cpet\_hrr1  
Scale–Location



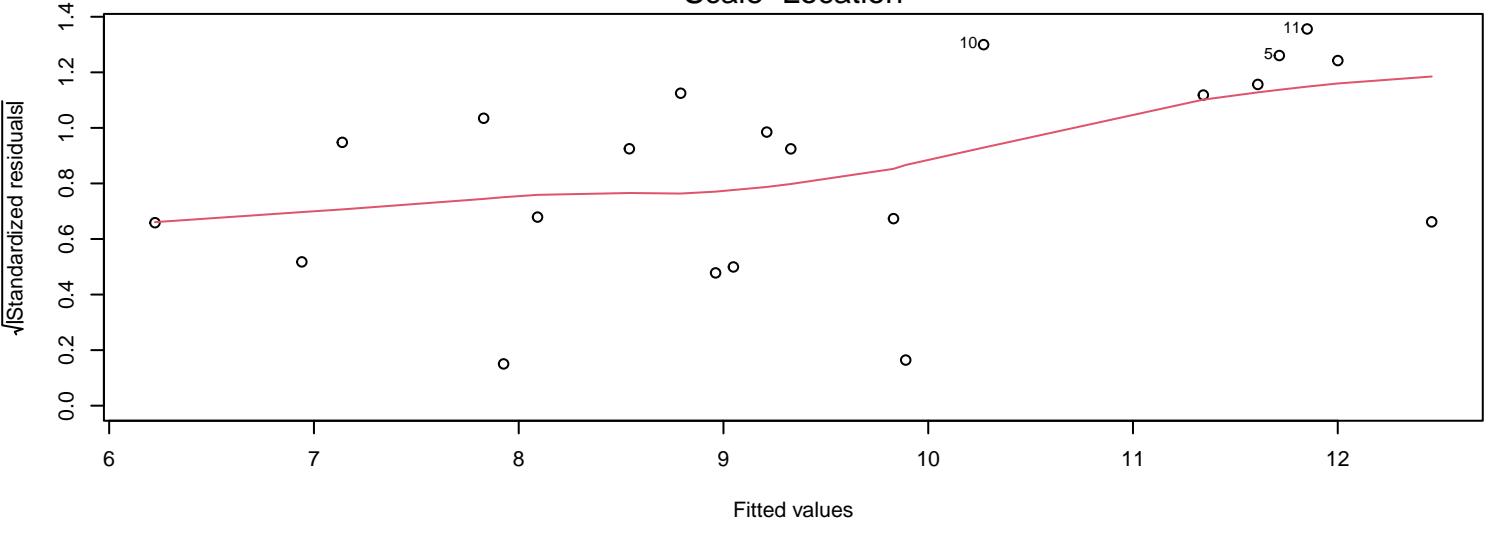
Residuals vs Fitted: psqi\_sum ~ cpet\_hrr2  
Residuals vs Fitted



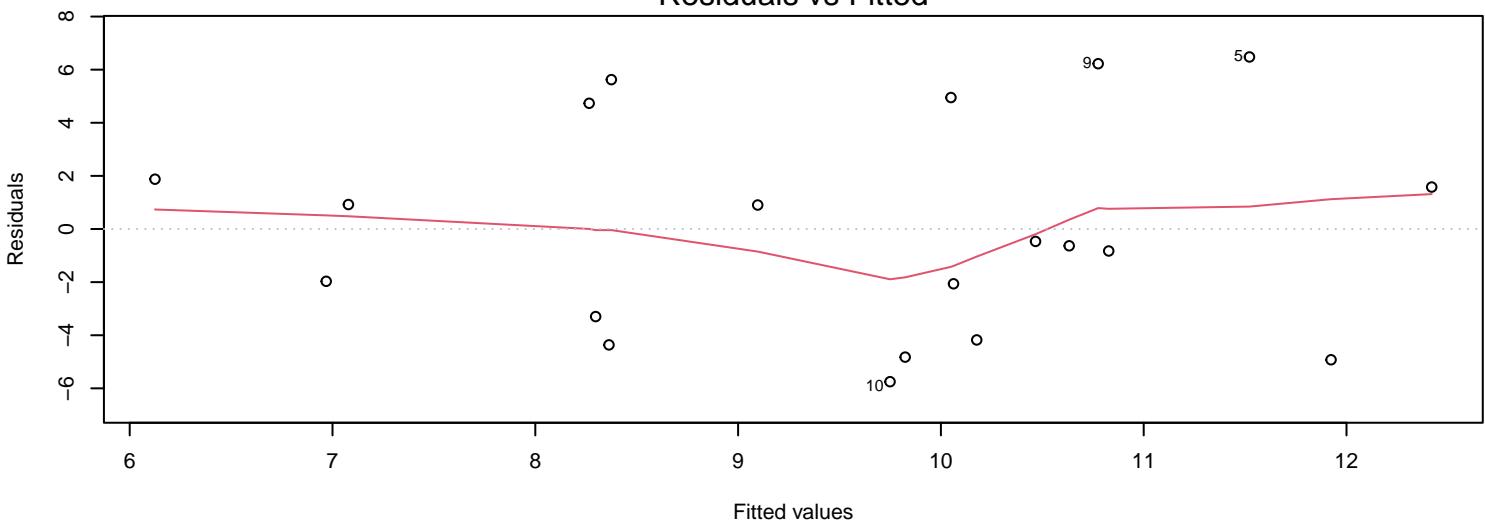
Normal Q–Q: psqi\_sum ~ cpet\_hrr2  
Q–Q Residuals



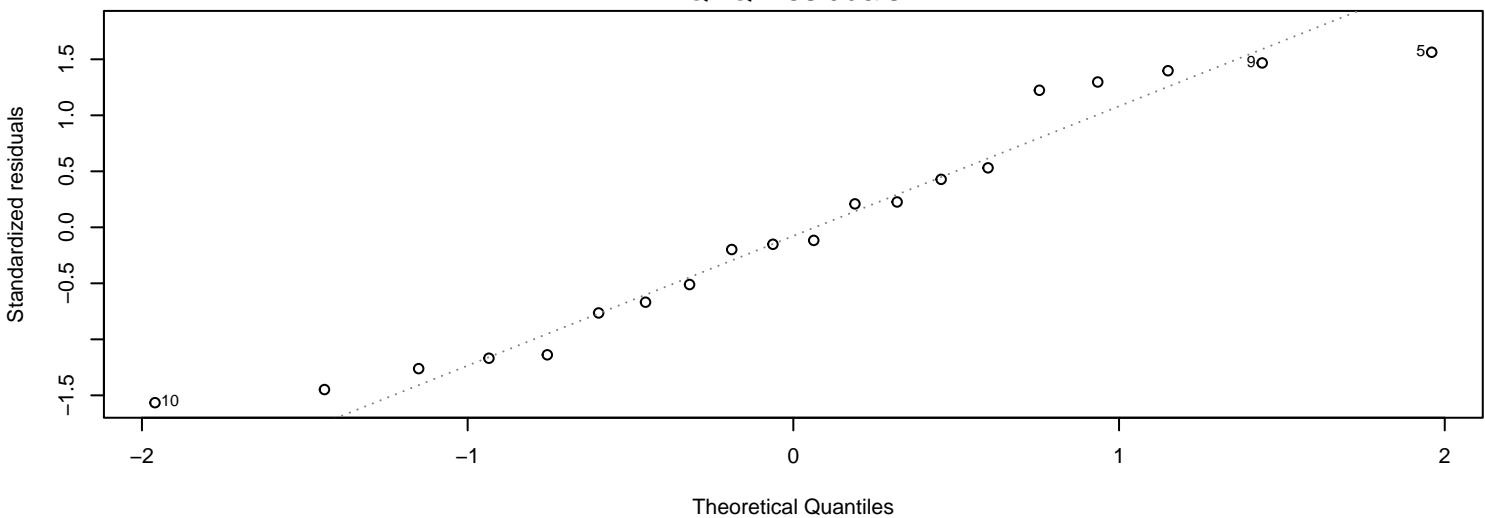
Scale–Location: psqi\_sum ~ cpet\_hrr2  
Scale–Location



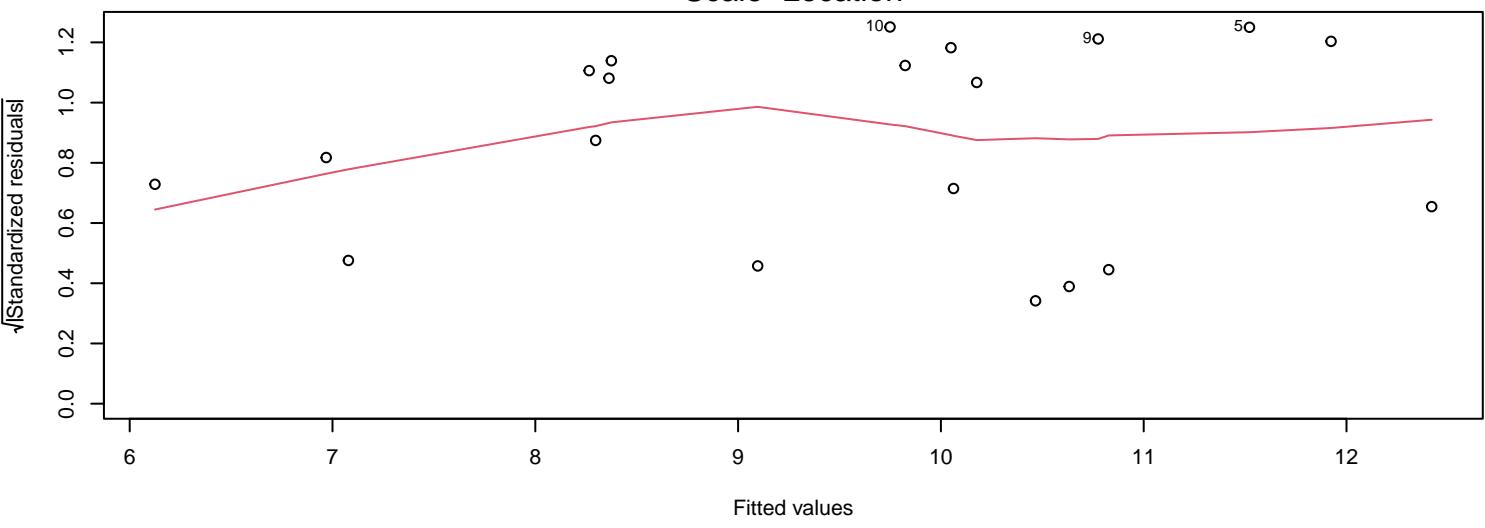
**Residuals vs Fitted: psqi\_sum ~ cpet\_vevco2\_peak**  
Residuals vs Fitted



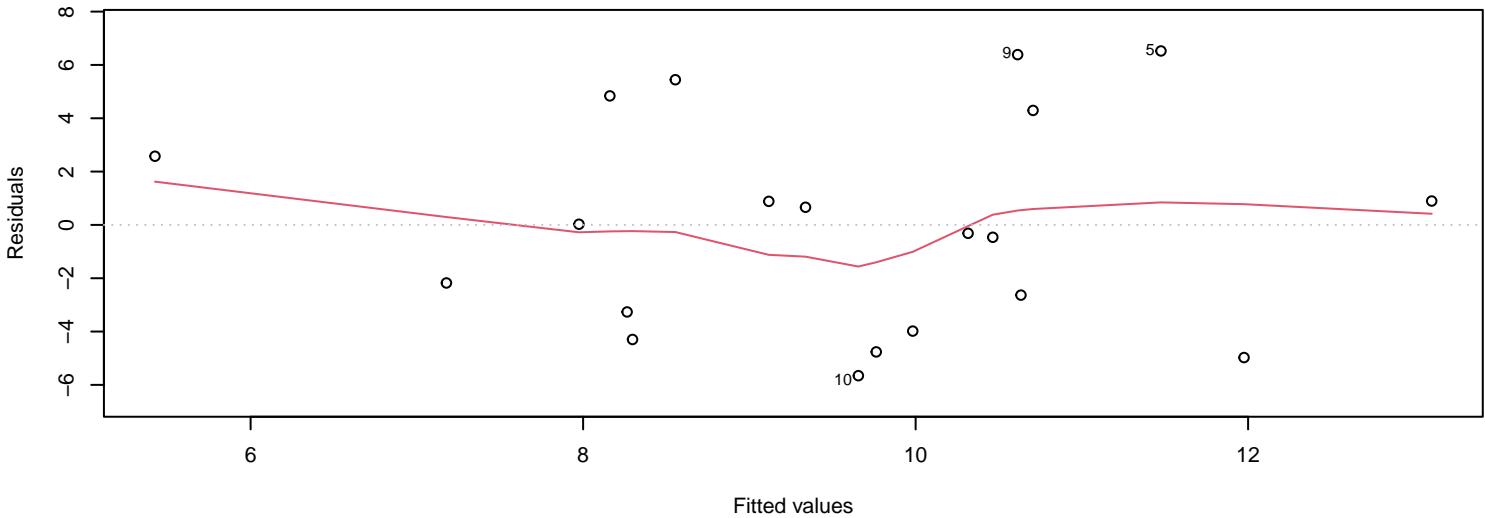
**Normal Q-Q: psqi\_sum ~ cpet\_vevco2\_peak**  
Q-Q Residuals



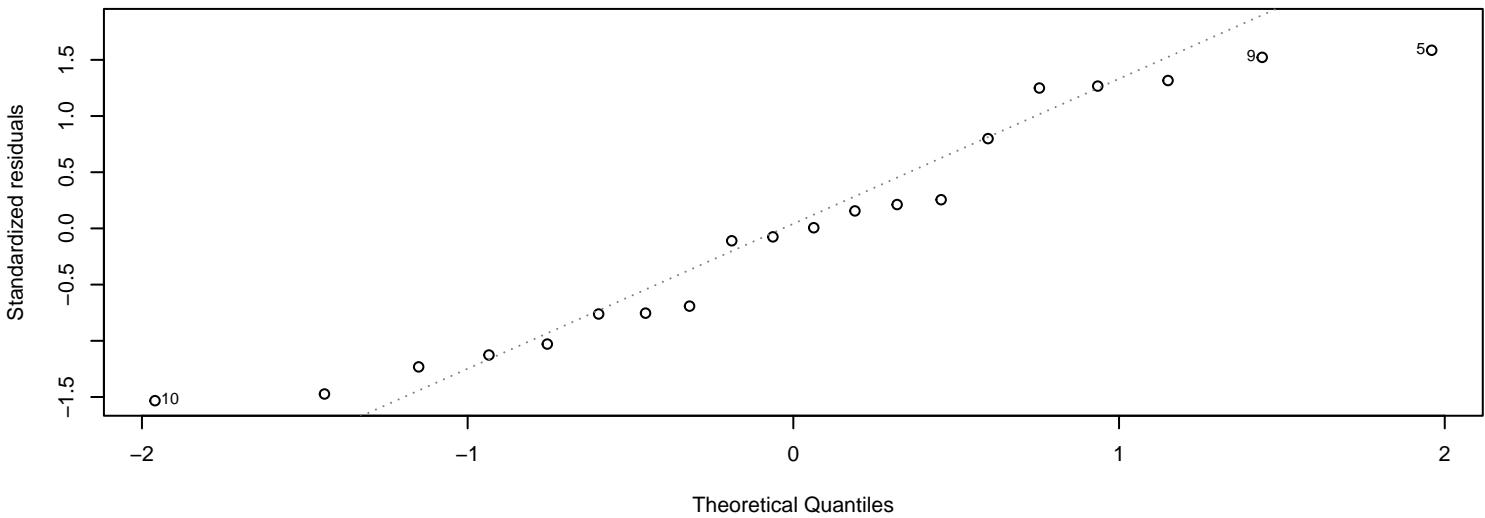
**Scale-Location: psqi\_sum ~ cpet\_vevco2\_peak**  
Scale-Location



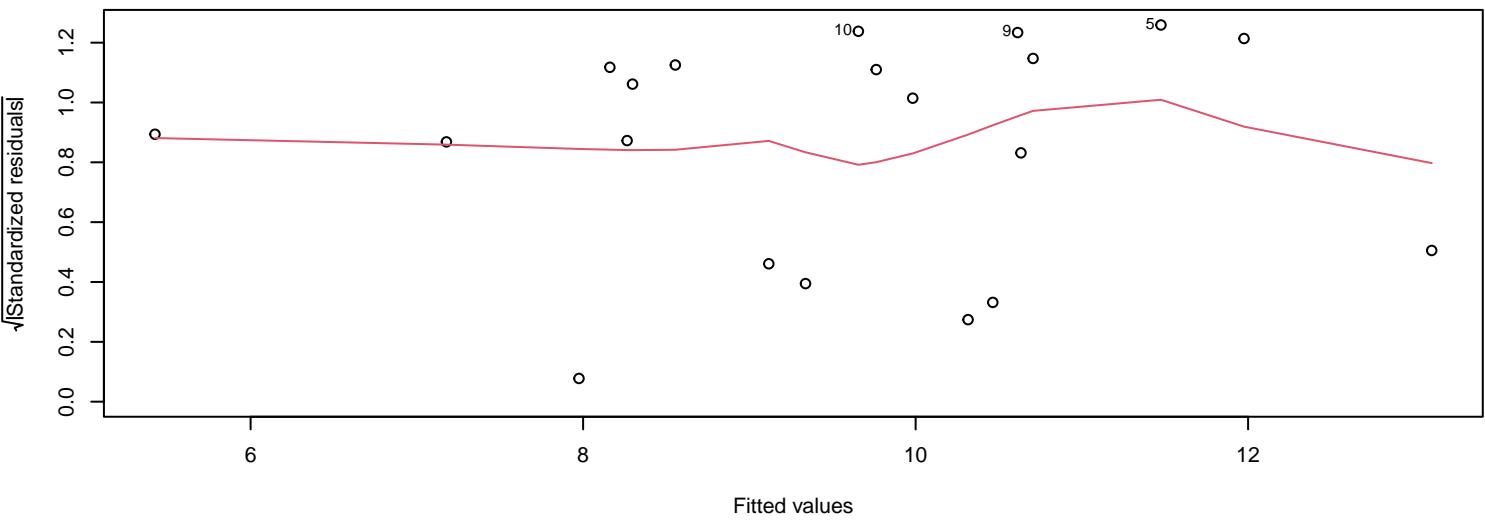
**Residuals vs Fitted: psqi\_sum ~ cpet\_vevco2\_at\_vslope**  
Residuals vs Fitted



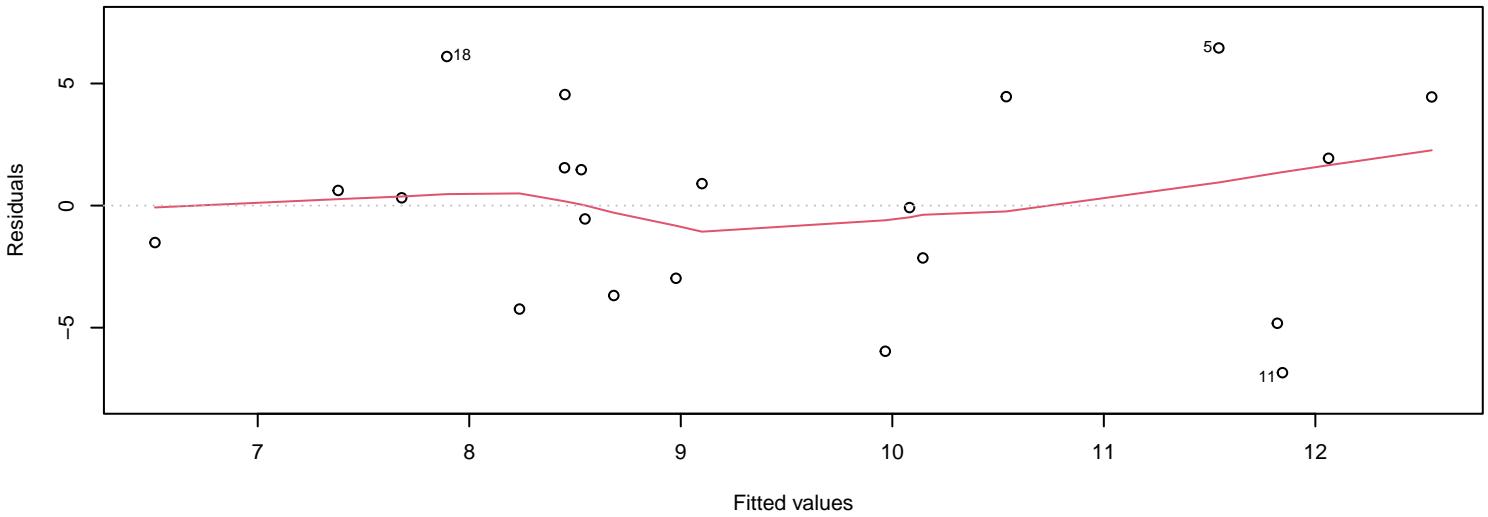
**Normal Q-Q: psqi\_sum ~ cpet\_vevco2\_at\_vslope**  
Q-Q Residuals



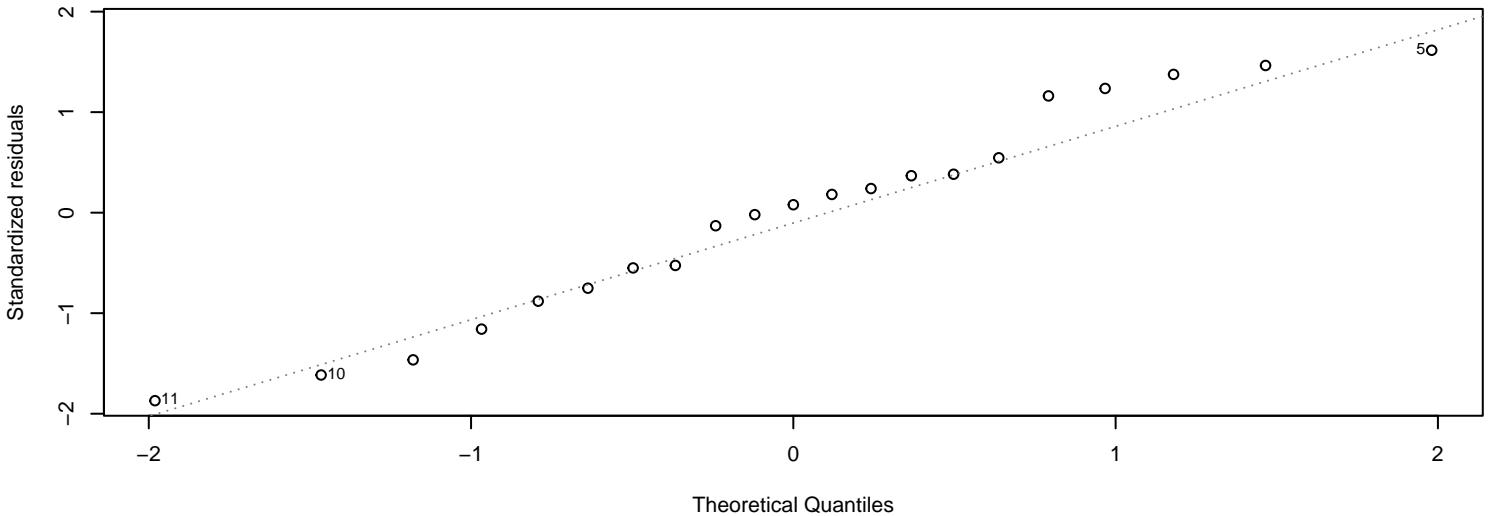
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Scale-Location



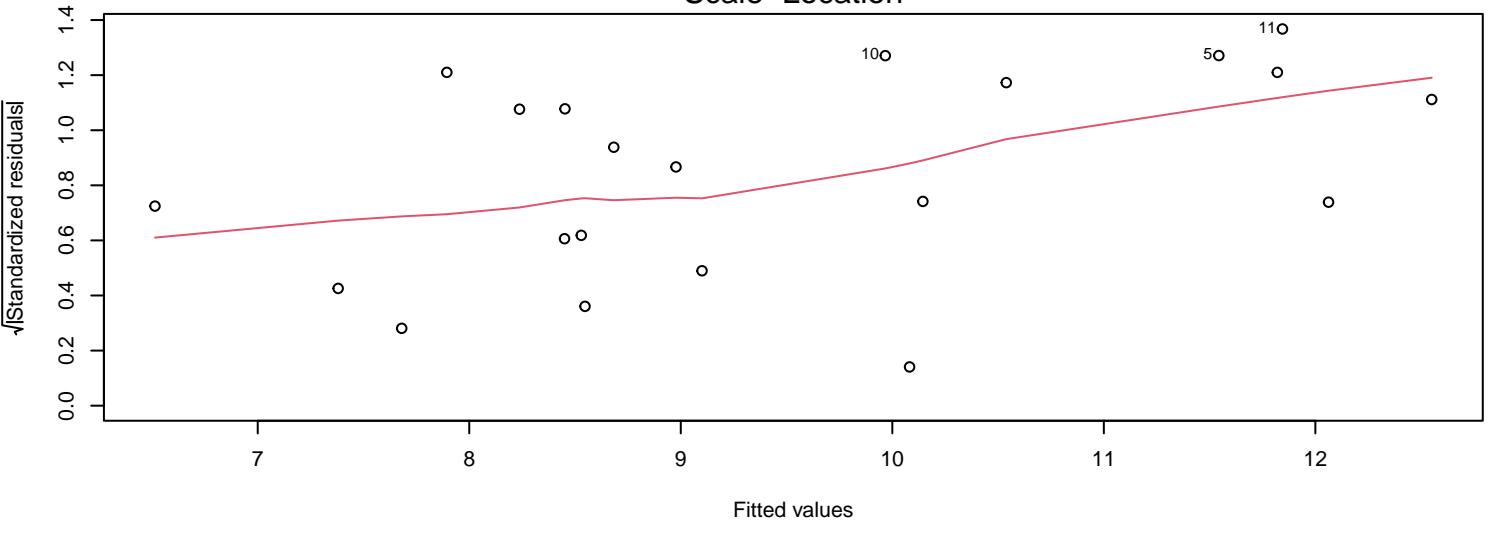
**Residuals vs Fitted: psqi\_sum ~ cpet\_chronindex**  
Residuals vs Fitted



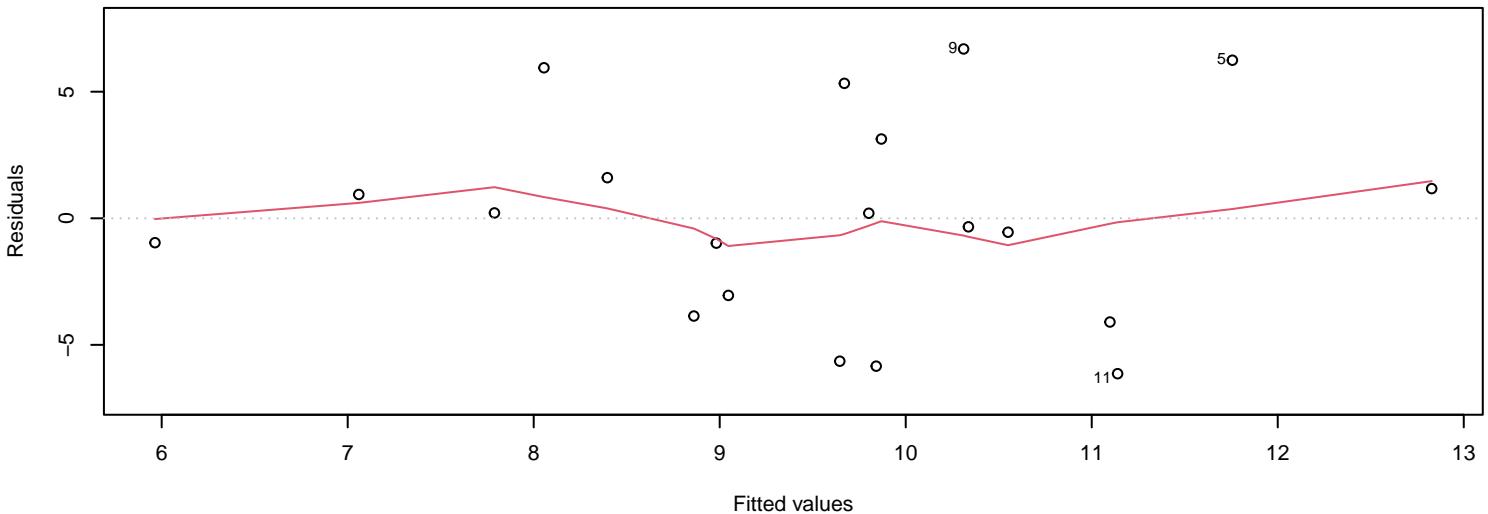
**Normal Q-Q: psqi\_sum ~ cpet\_chronindex**  
Q-Q Residuals



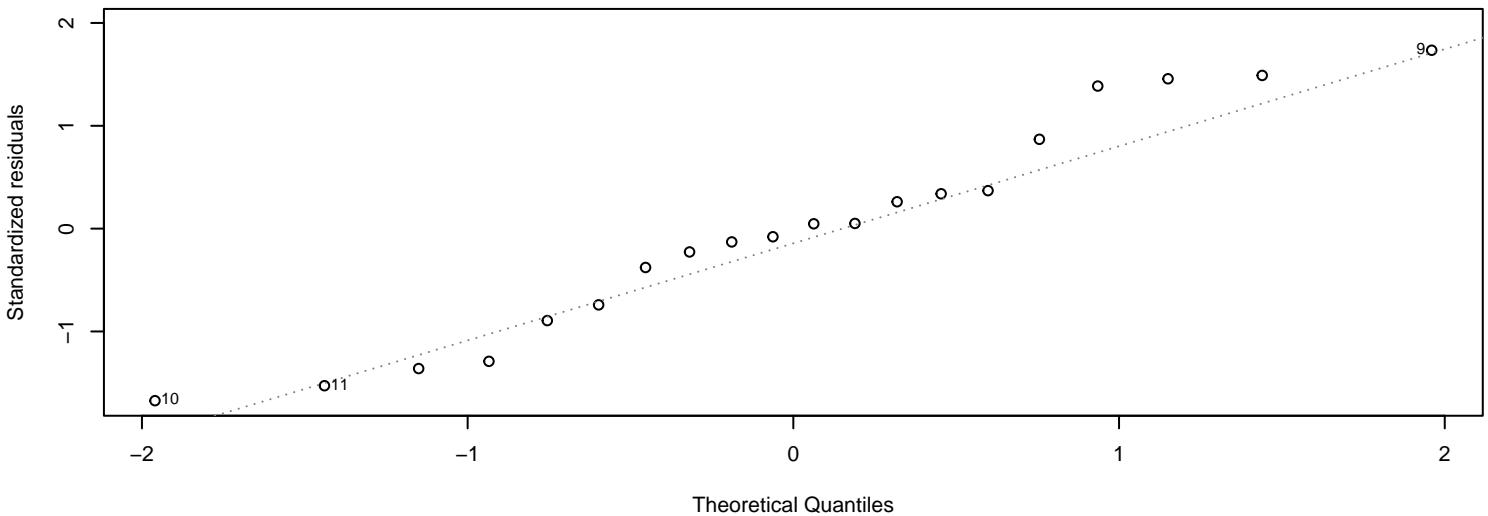
**Scale-Location: psqi\_sum ~ cpet\_chronindex**  
Scale-Location



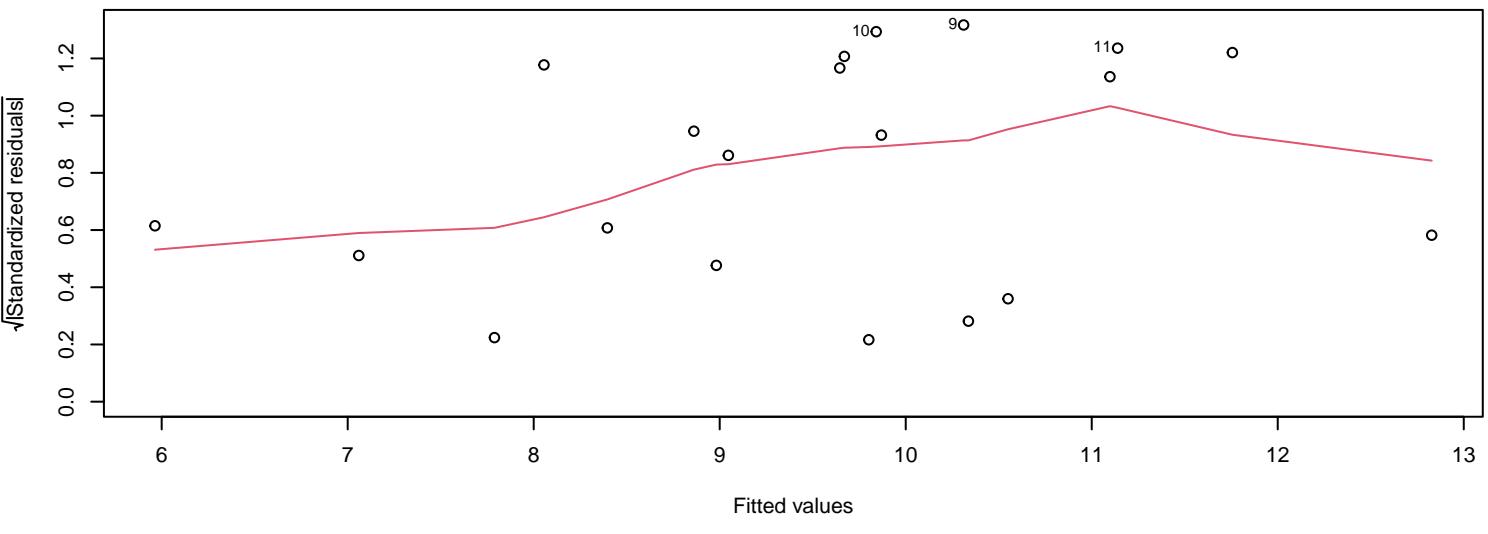
**Residuals vs Fitted: psqi\_sum ~ fmd\_percent**  
Residuals vs Fitted



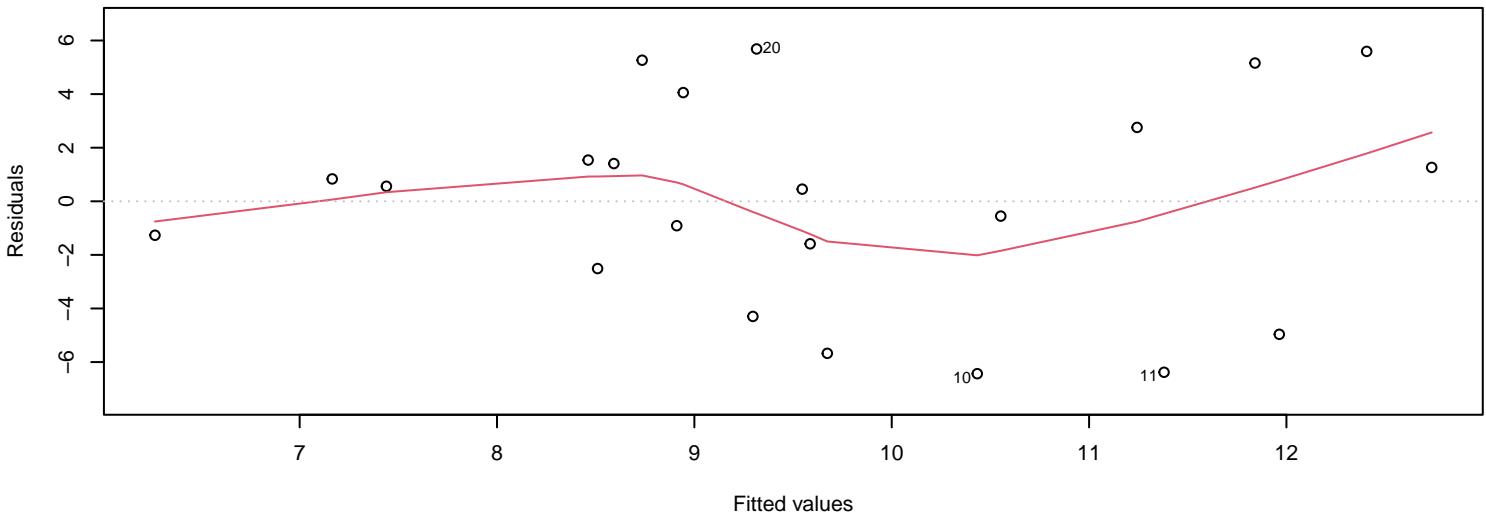
**Normal Q-Q: psqi\_sum ~ fmd\_percent**  
Q-Q Residuals



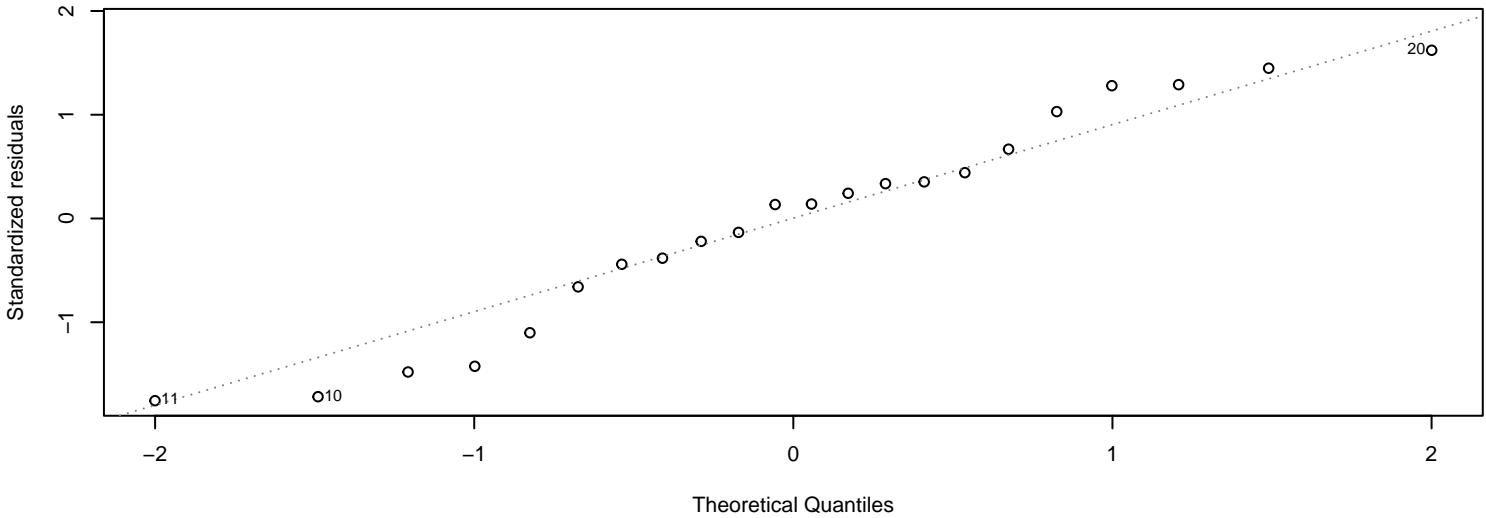
**Scale–Location: psqi\_sum ~ fmd\_percent**  
Scale–Location



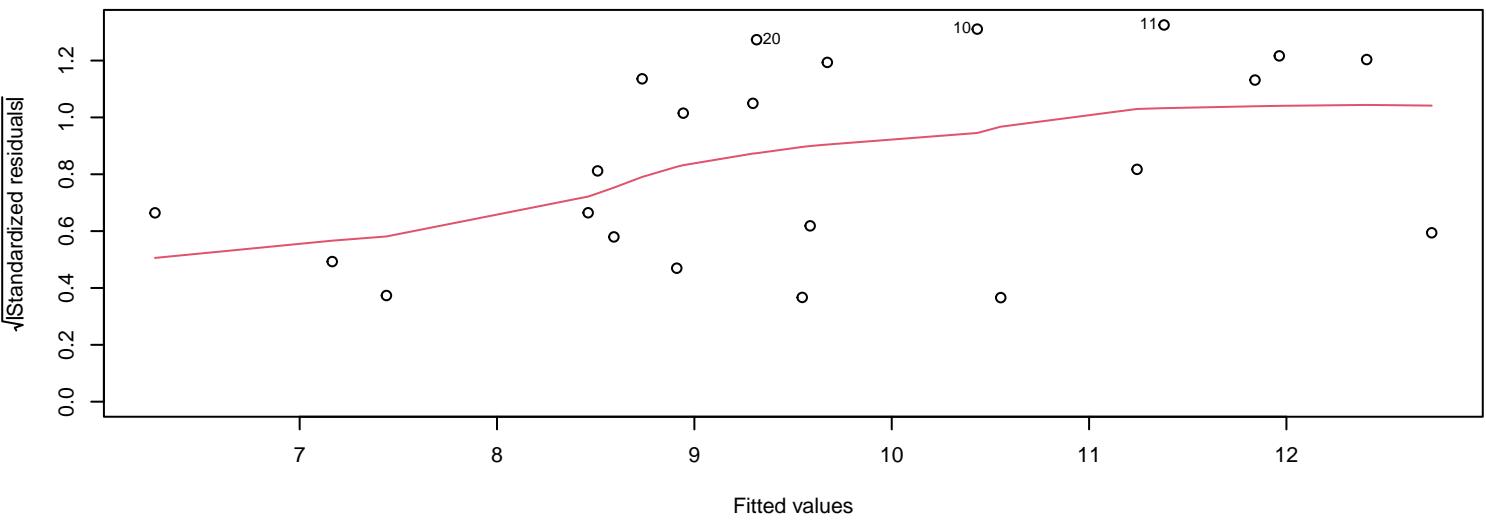
**Residuals vs Fitted: psqi\_sum ~ dsq\_sum**  
Residuals vs Fitted



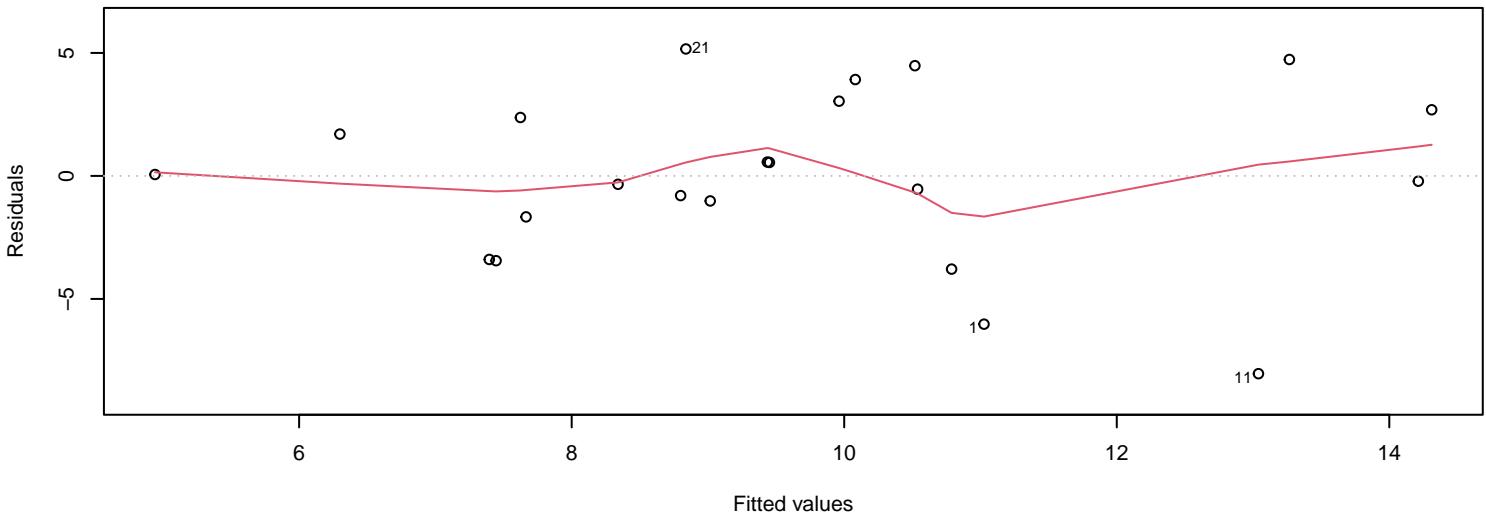
**Normal Q–Q: psqi\_sum ~ dsq\_sum**  
Q–Q Residuals



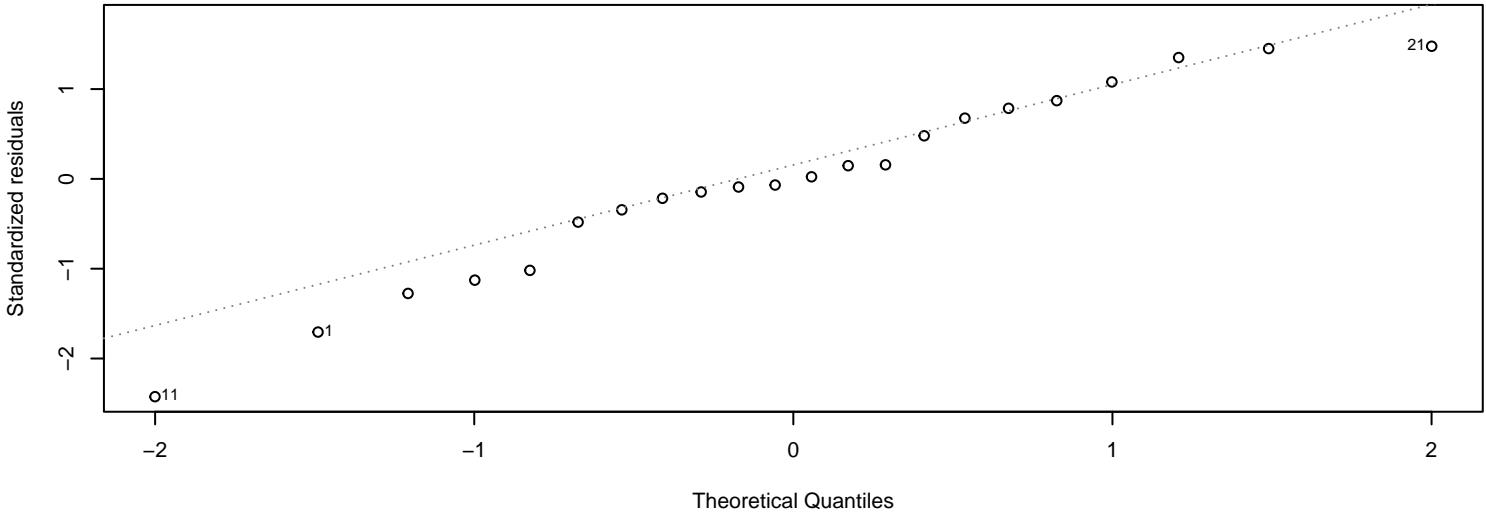
**Scale–Location: psqi\_sum ~ dsq\_sum**  
Scale–Location



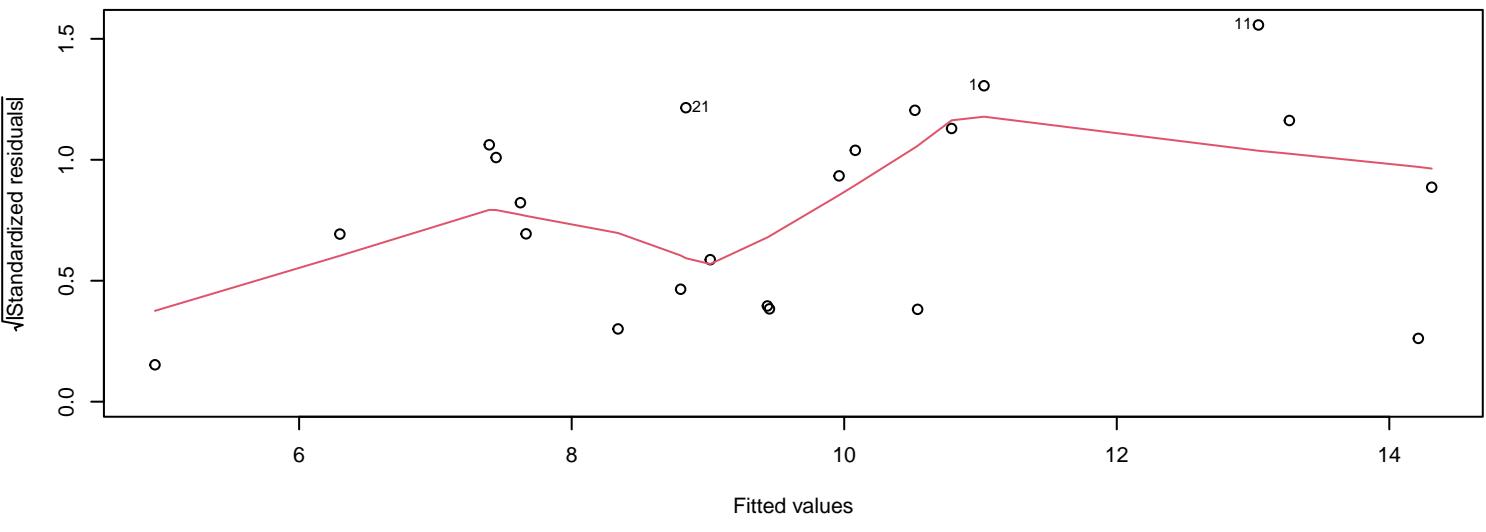
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Residuals vs Fitted



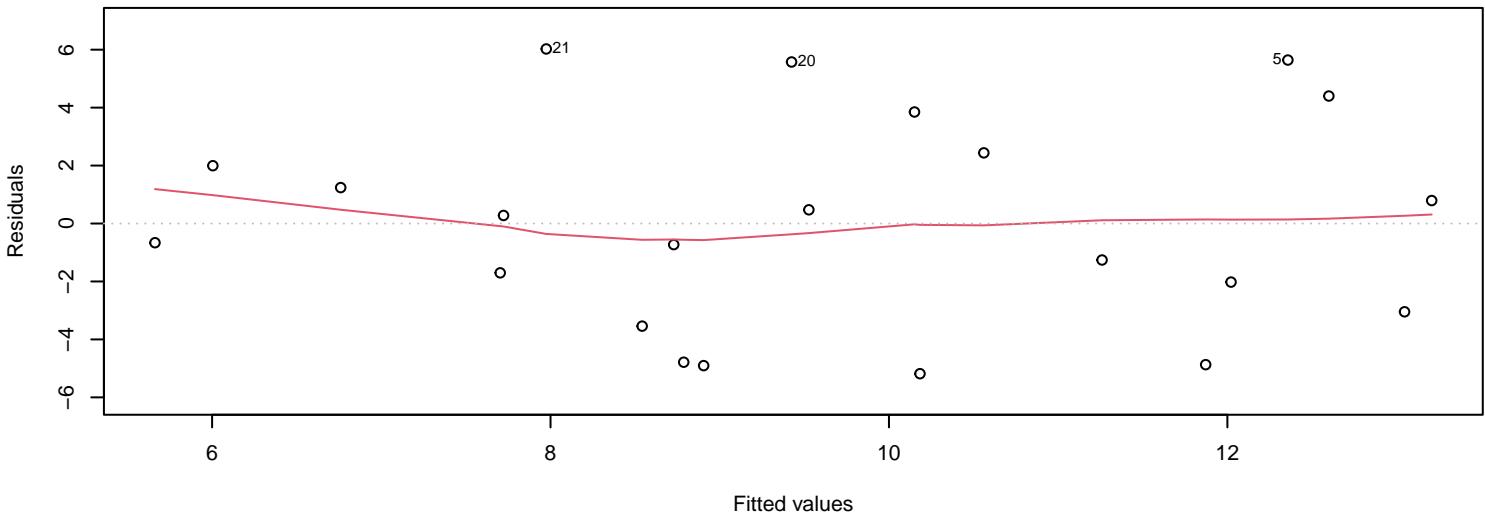
**Normal Q-Q: psqi\_sum ~ fss\_sum**  
Q-Q Residuals



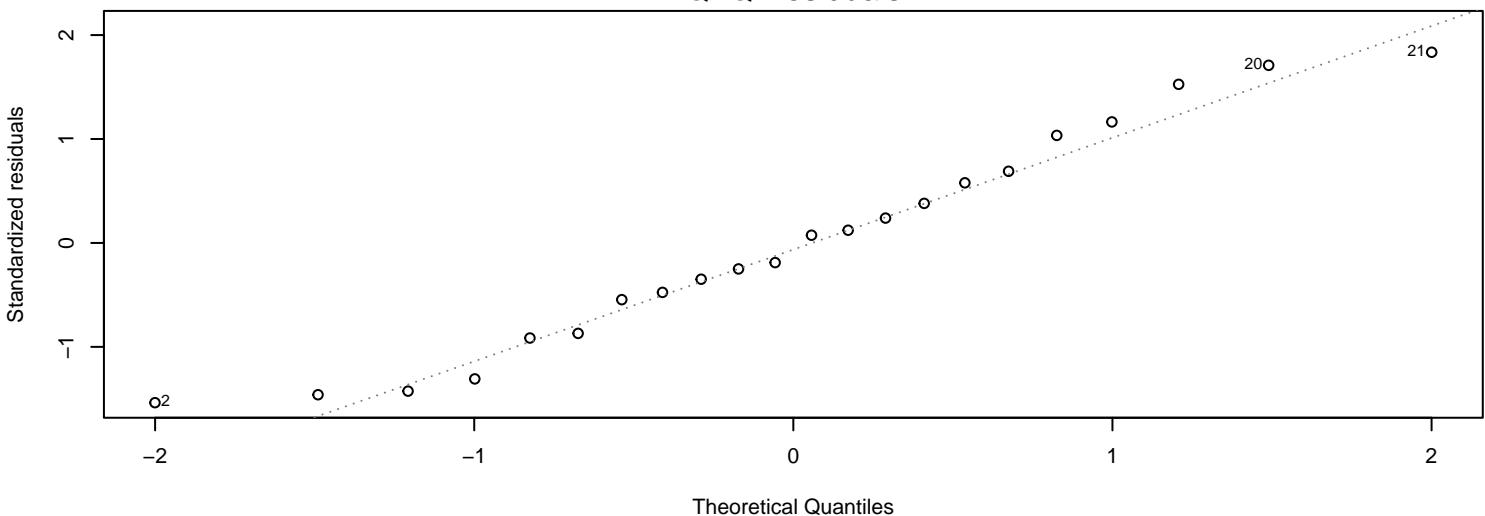
**Scale-Location: psqi\_sum ~ fss\_sum**  
Scale-Location



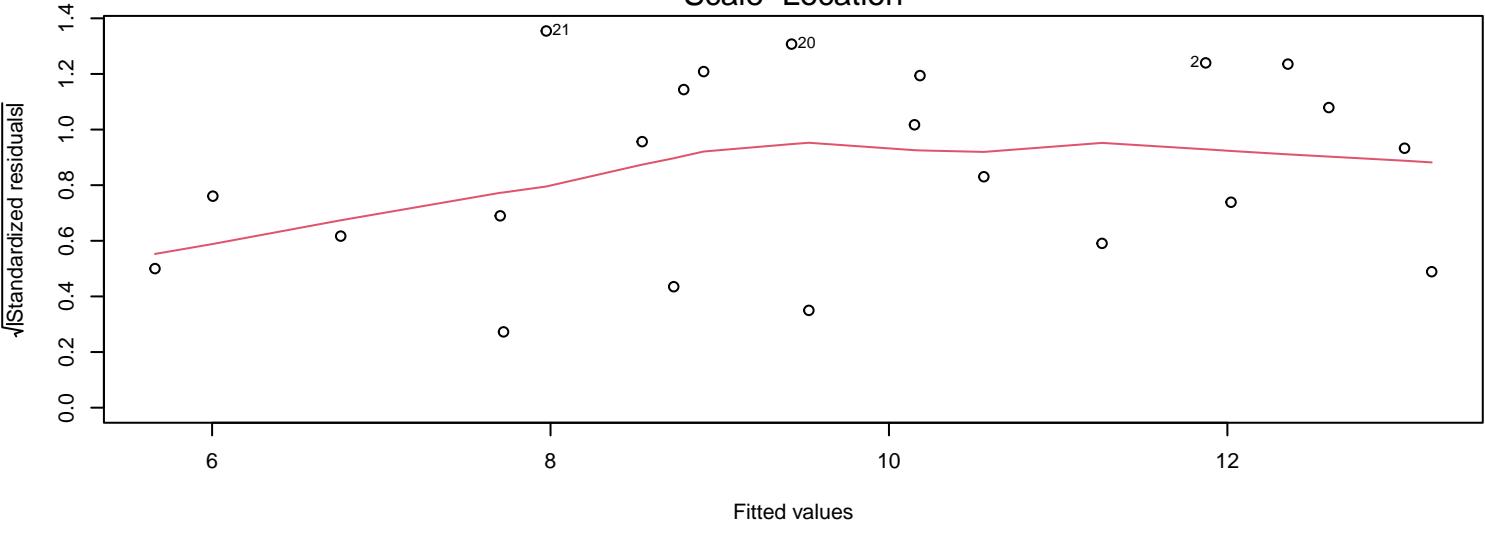
**Residuals vs Fitted: psqi\_sum ~ anxiety\_sum**  
Residuals vs Fitted



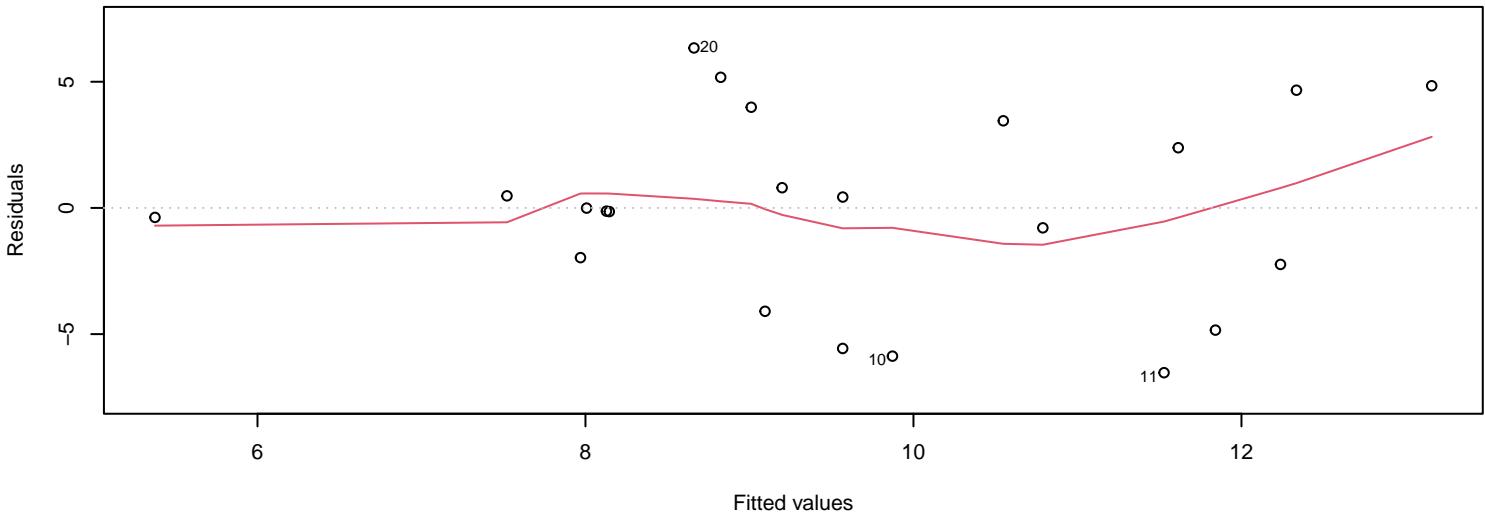
**Normal Q-Q: psqi\_sum ~ anxiety\_sum**  
Q-Q Residuals



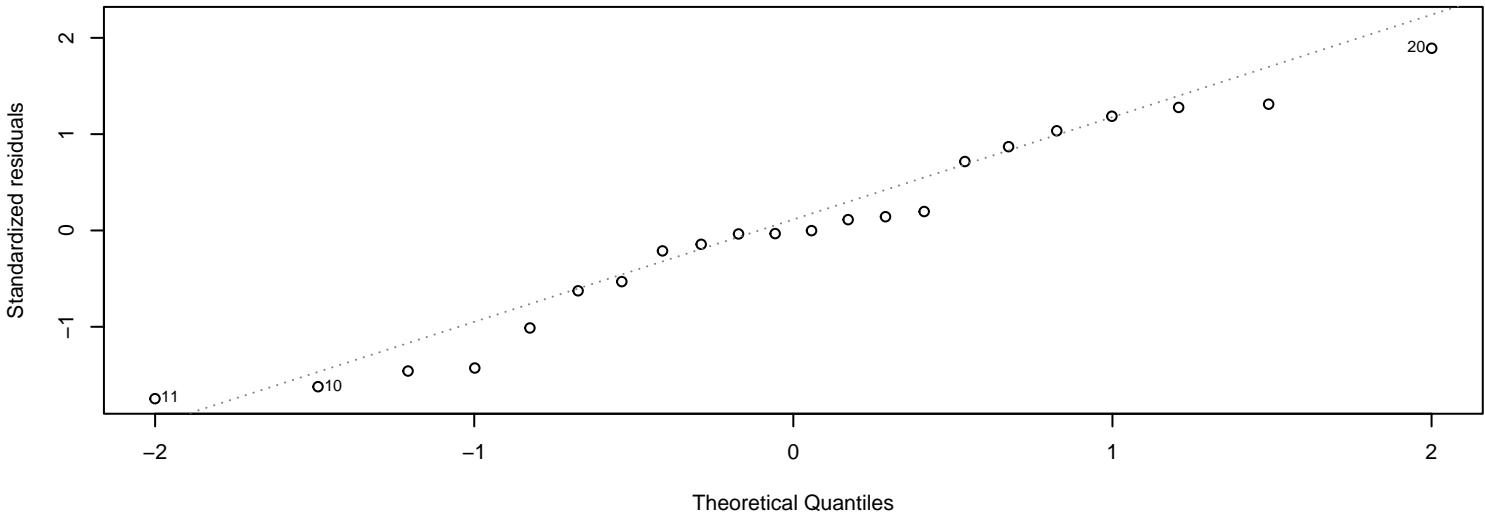
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Scale-Location



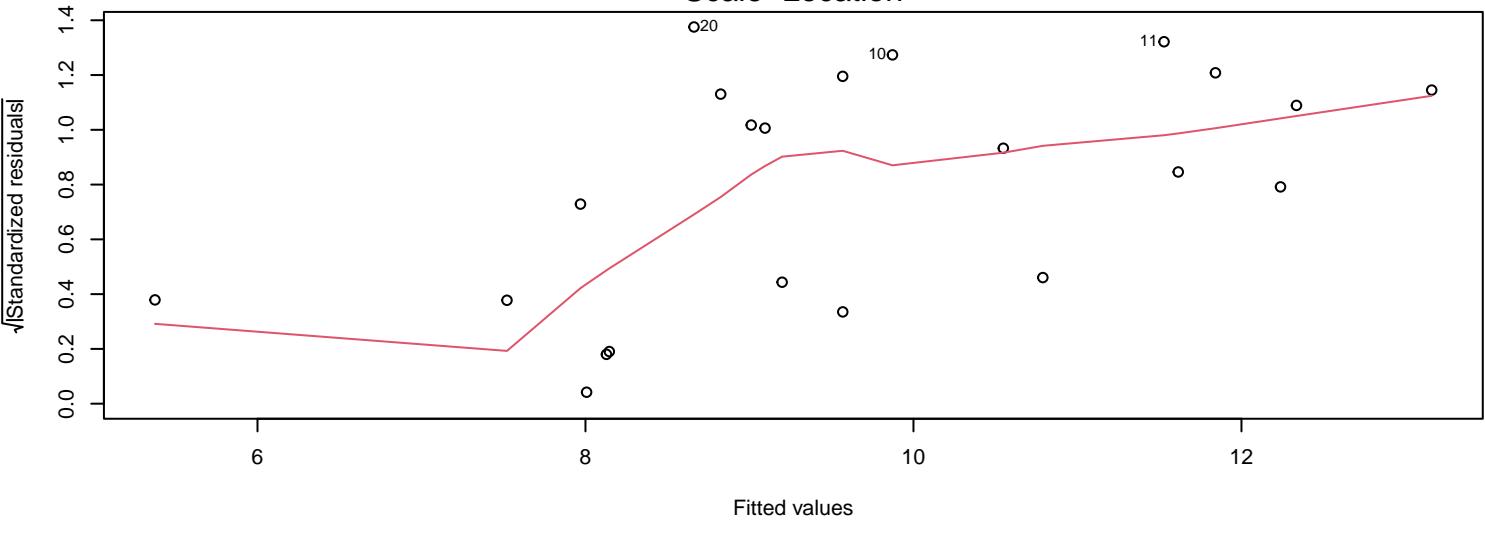
**Residuals vs Fitted: psqi\_sum ~ depression\_sum**  
Residuals vs Fitted



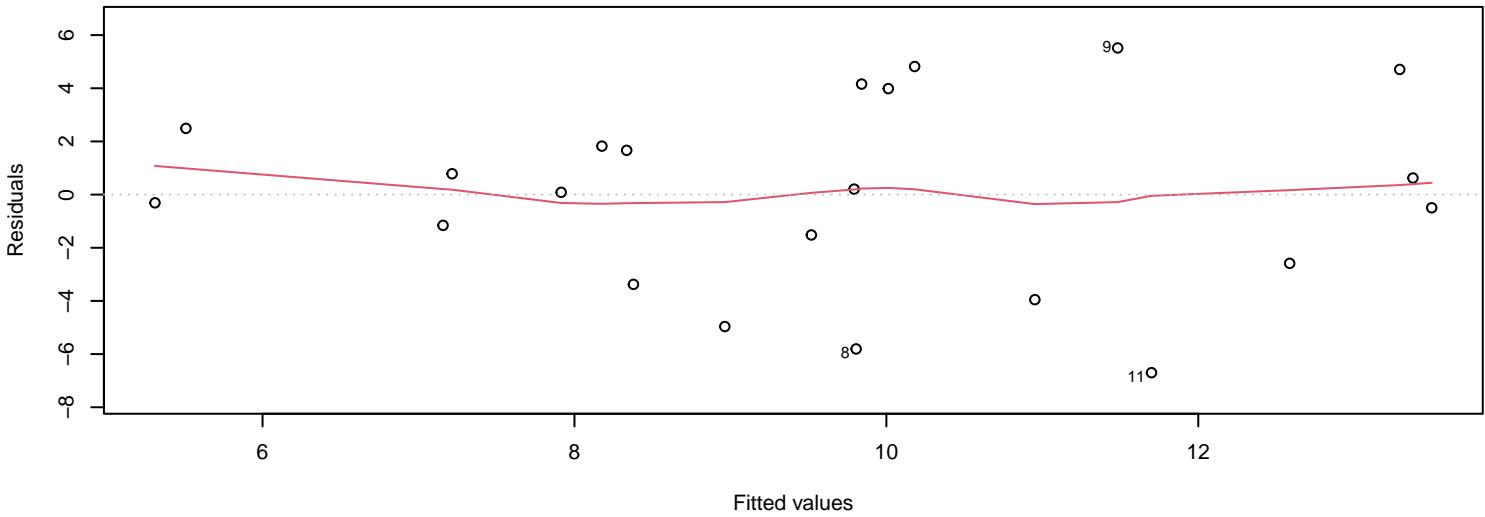
**Normal Q-Q: psqi\_sum ~ depression\_sum**  
Q-Q Residuals



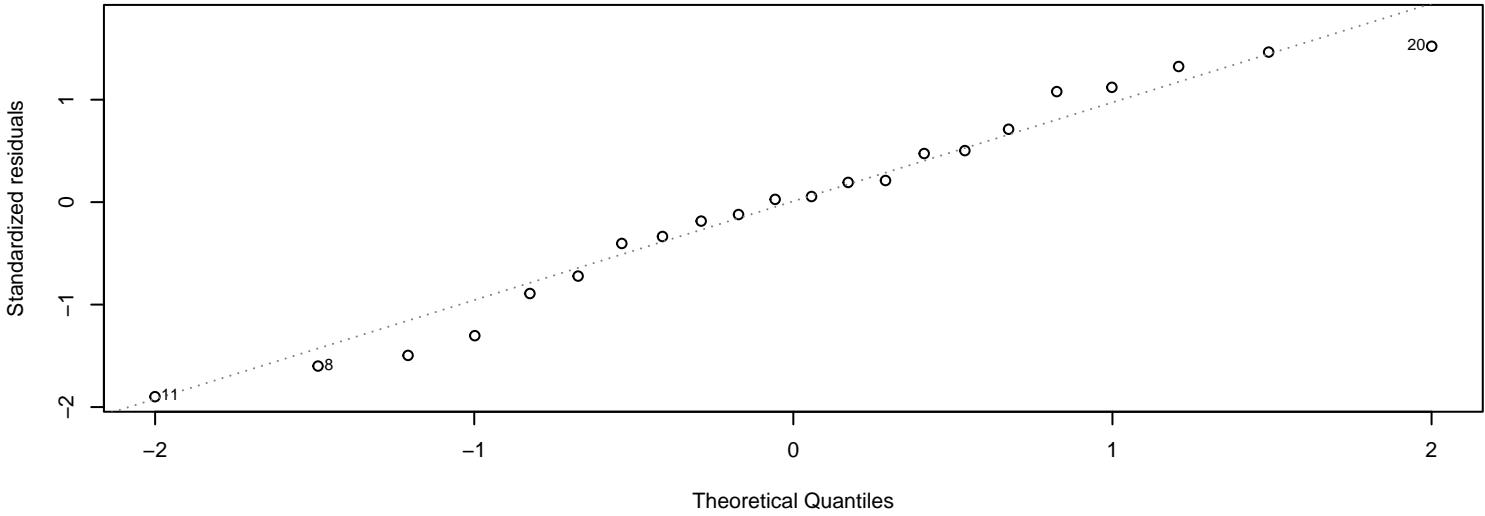
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Scale-Location



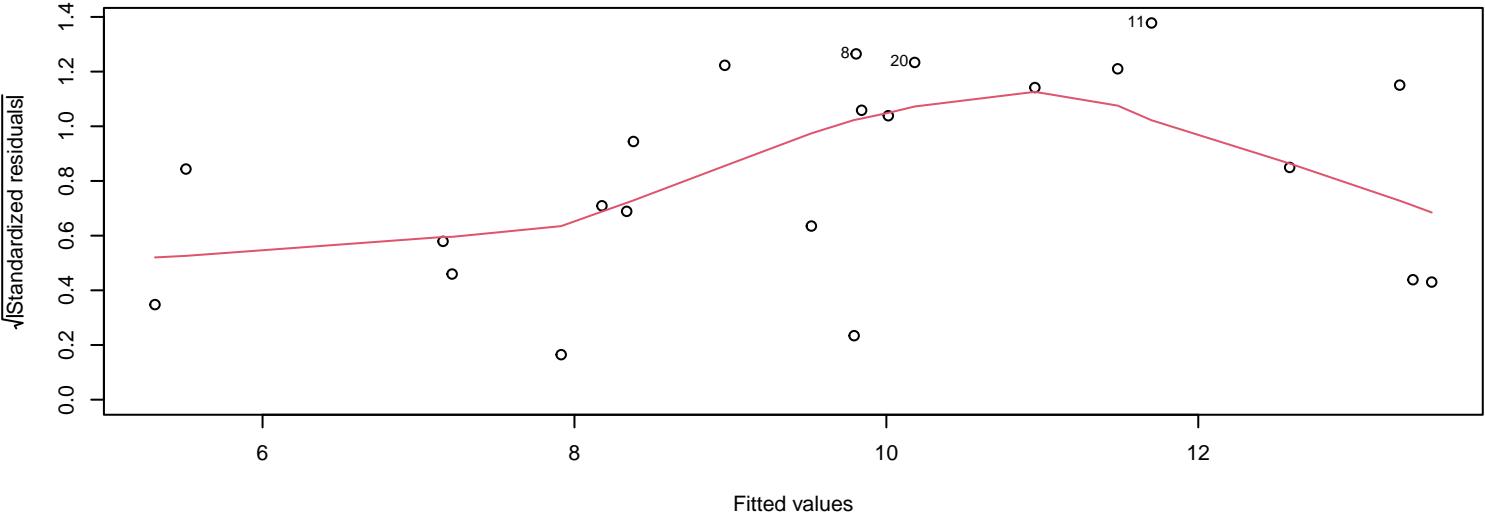
Residuals vs Fitted: psqi\_sum ~ sfpa\_sum  
Residuals vs Fitted



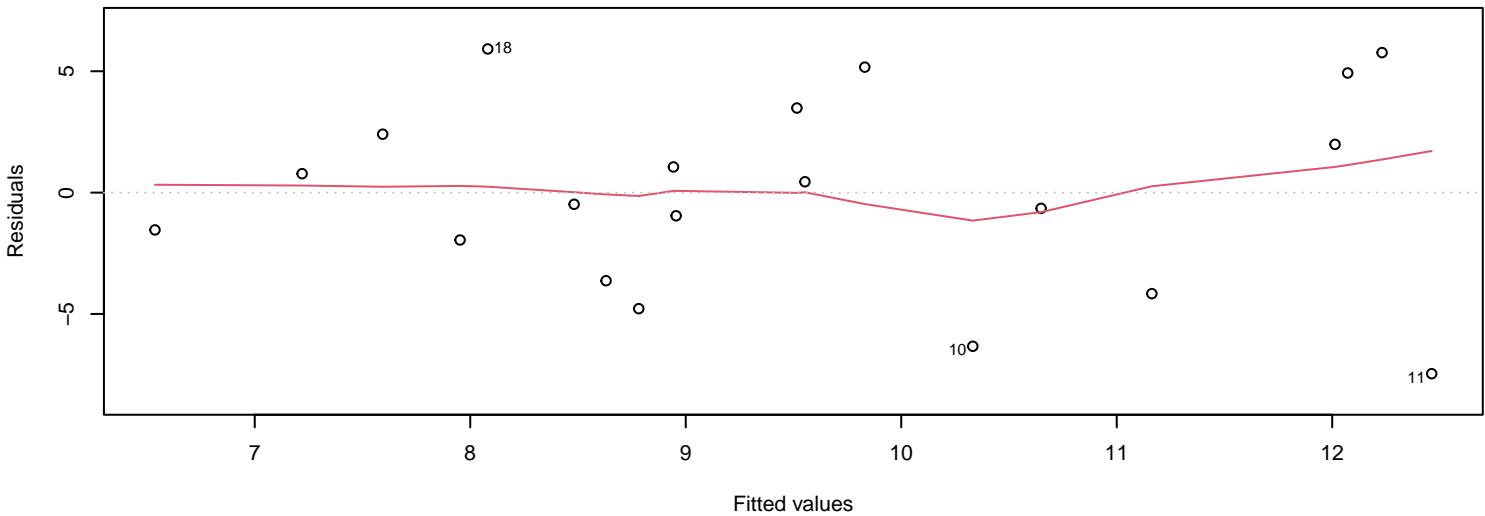
Normal Q-Q: psqi\_sum ~ sfpa\_sum  
Q-Q Residuals



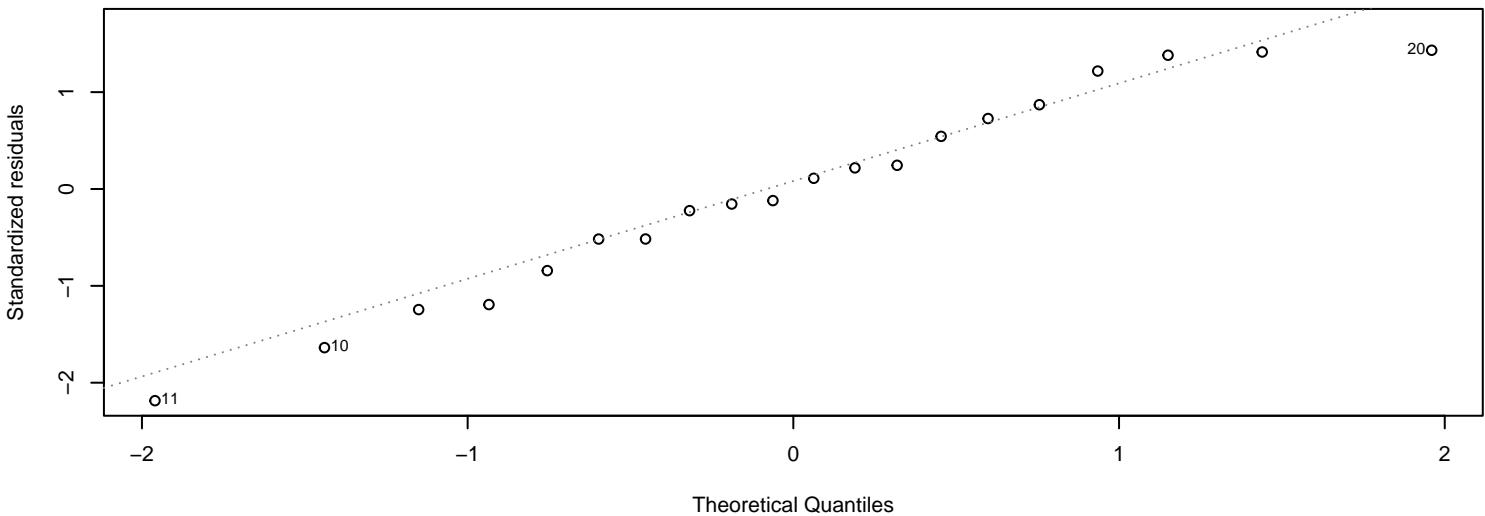
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Scale-Location



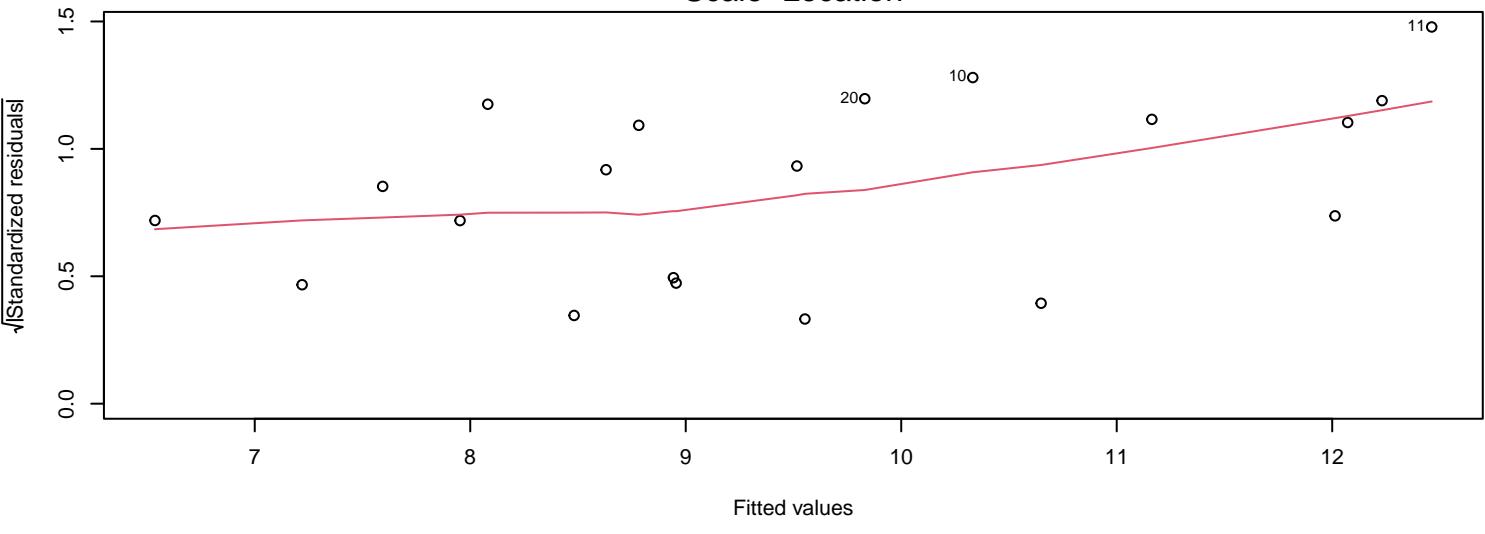
**Residuals vs Fitted: psqi\_sum ~ cpet\_ve**  
Residuals vs Fitted



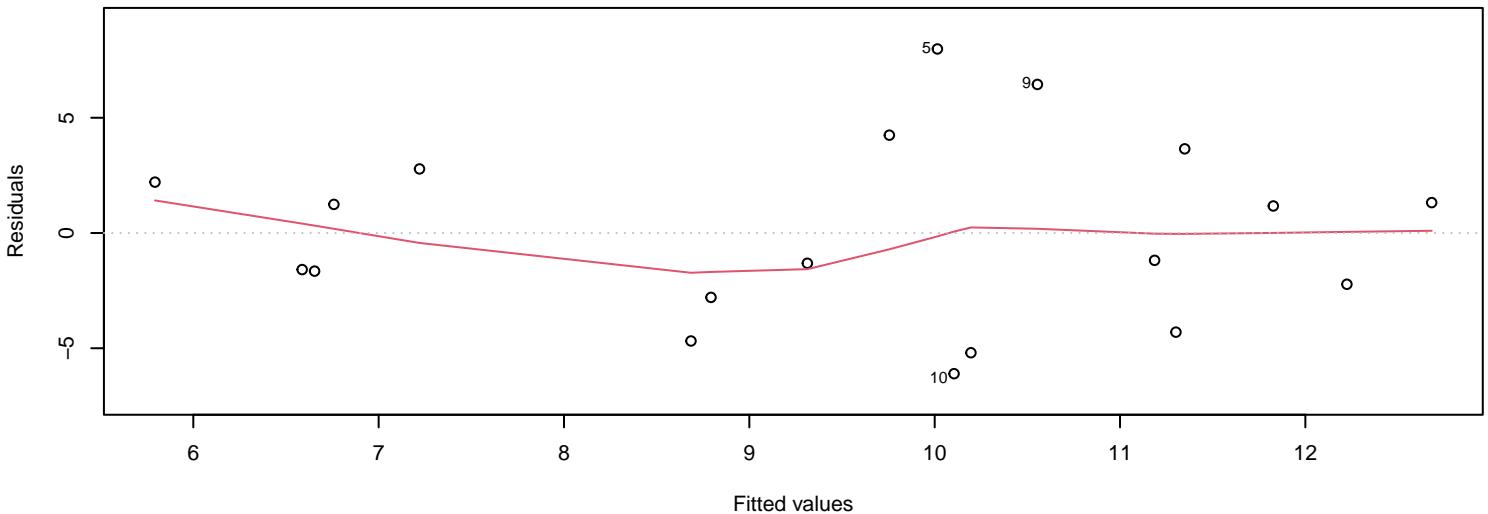
**Normal Q-Q: psqi\_sum ~ cpet\_ve**  
Q-Q Residuals



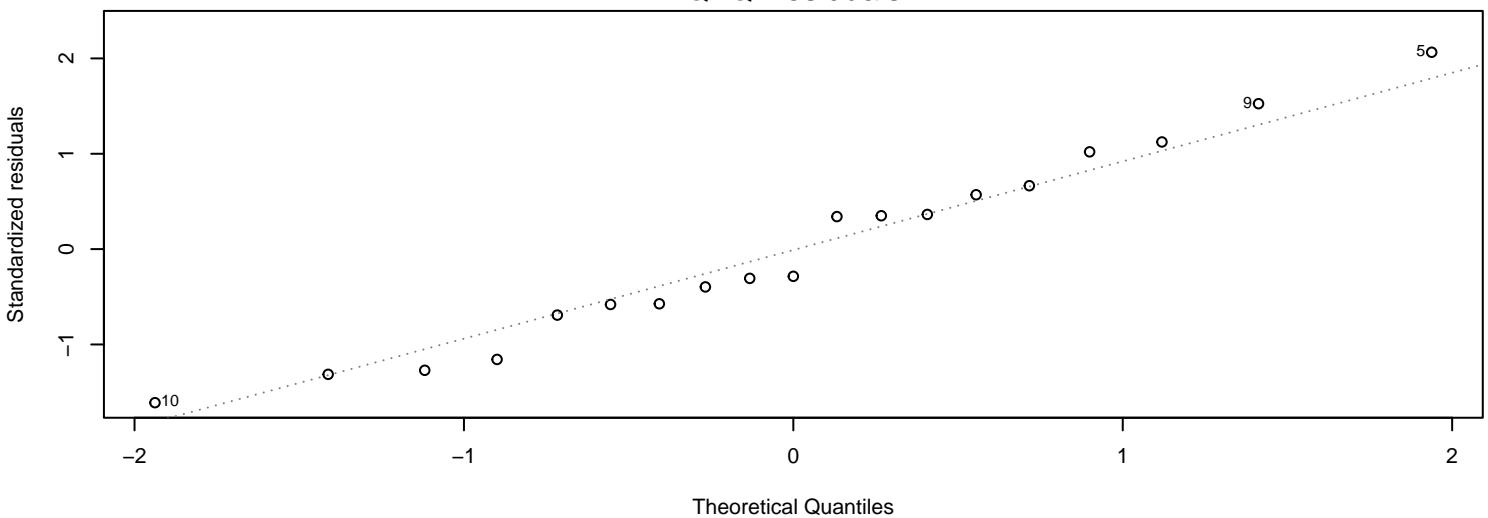
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Scale-Location



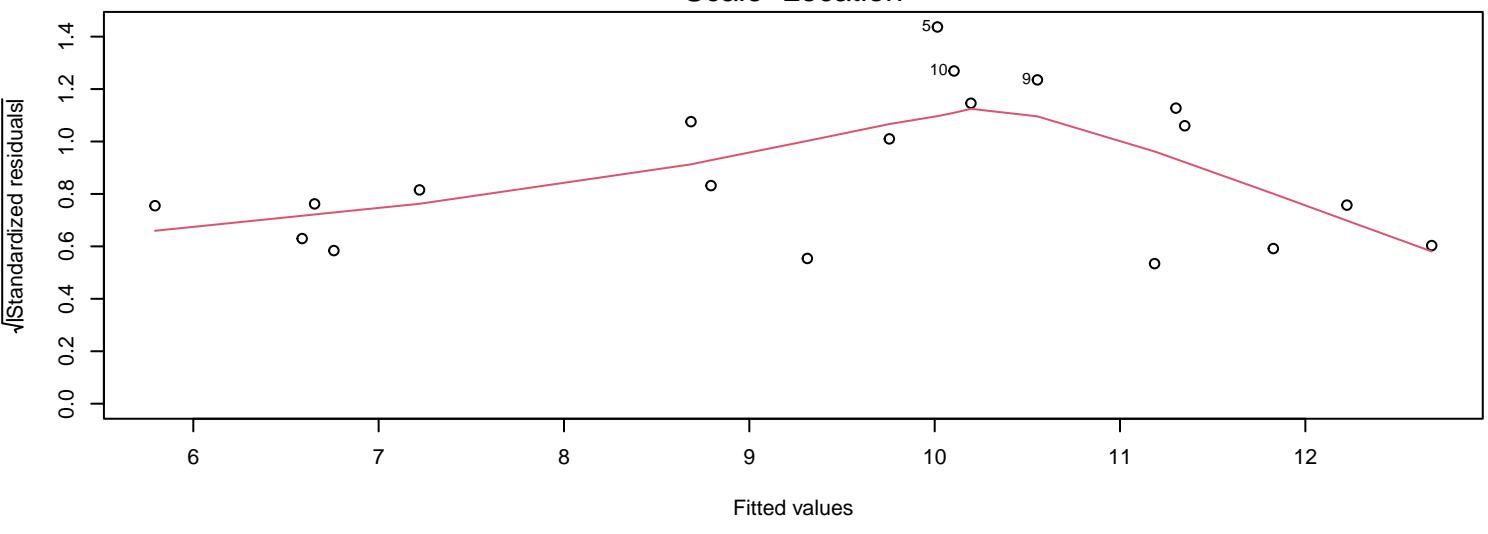
**Residuals vs Fitted: psqi\_sum ~ hrv\_rmssd**  
Residuals vs Fitted



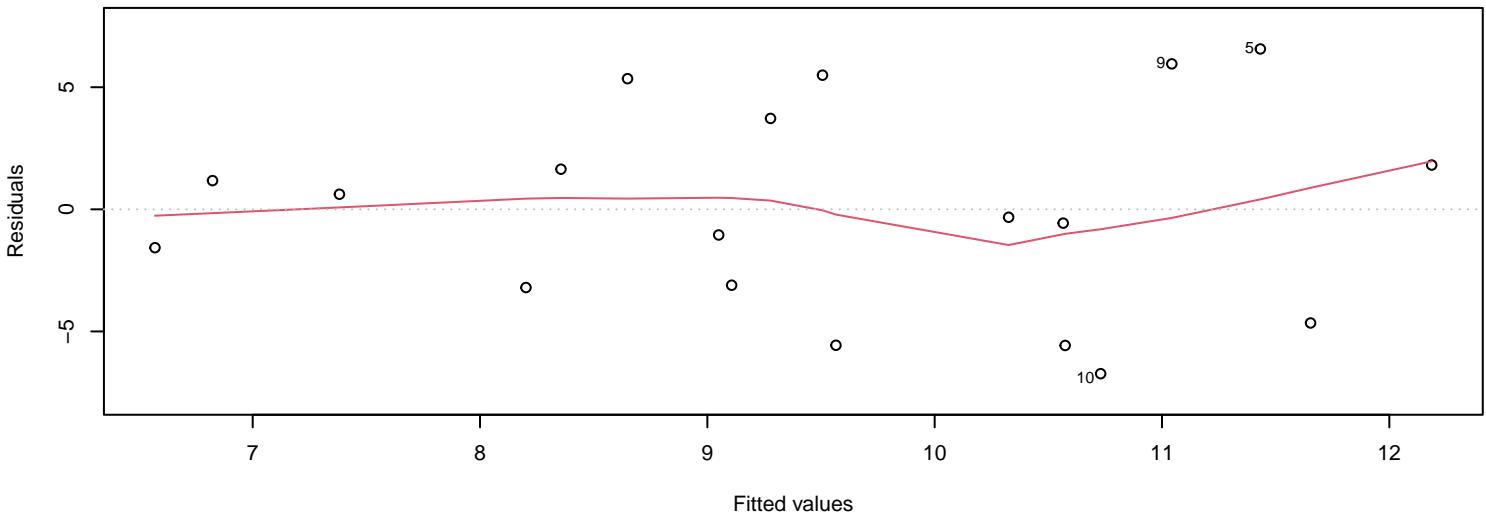
**Normal Q–Q: psqi\_sum ~ hrv\_rmssd**  
Q–Q Residuals



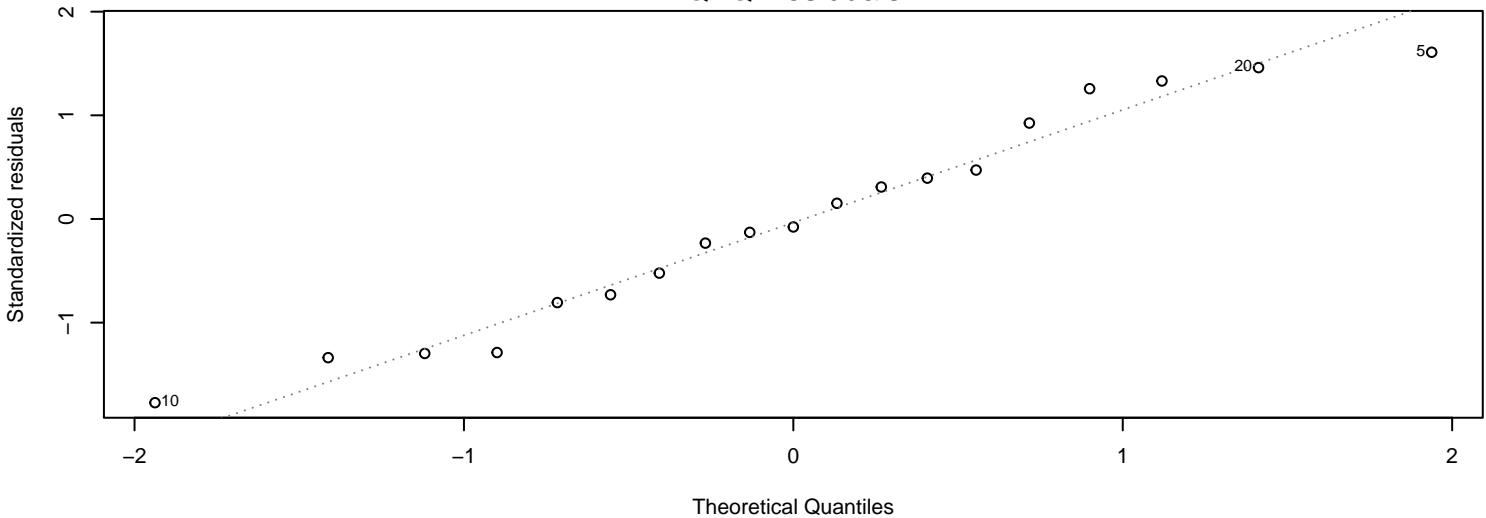
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Scale–Location



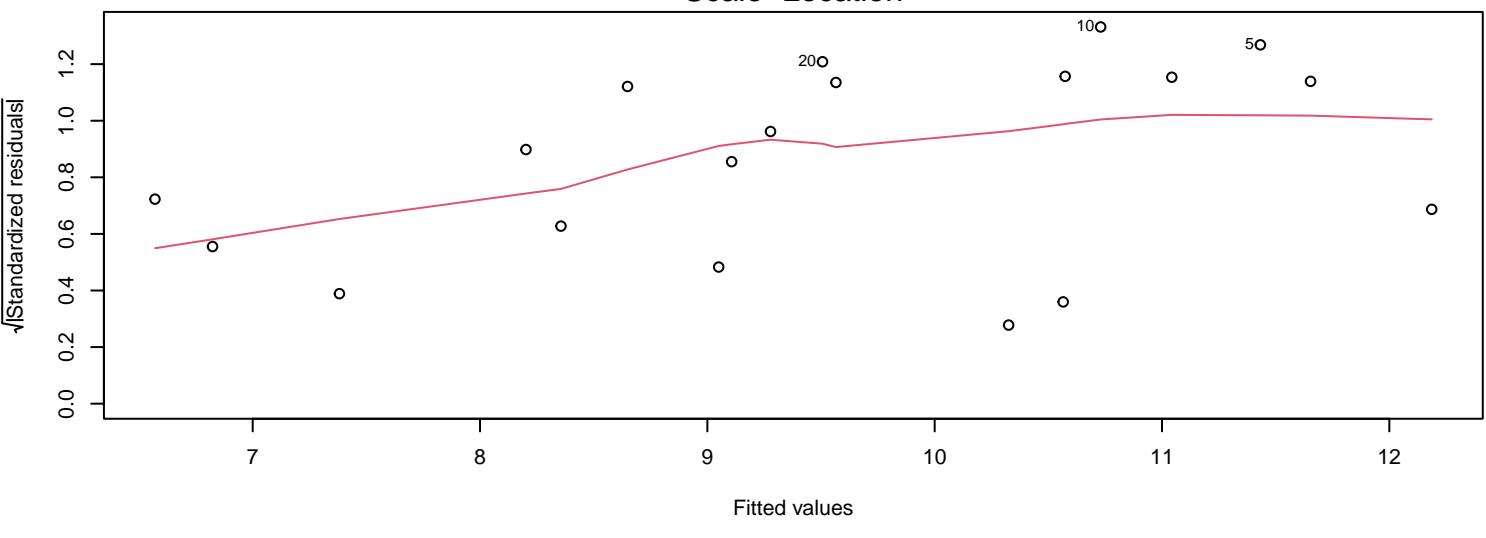
**Residuals vs Fitted: psqi\_sum ~ hrv\_sdnn**  
Residuals vs Fitted



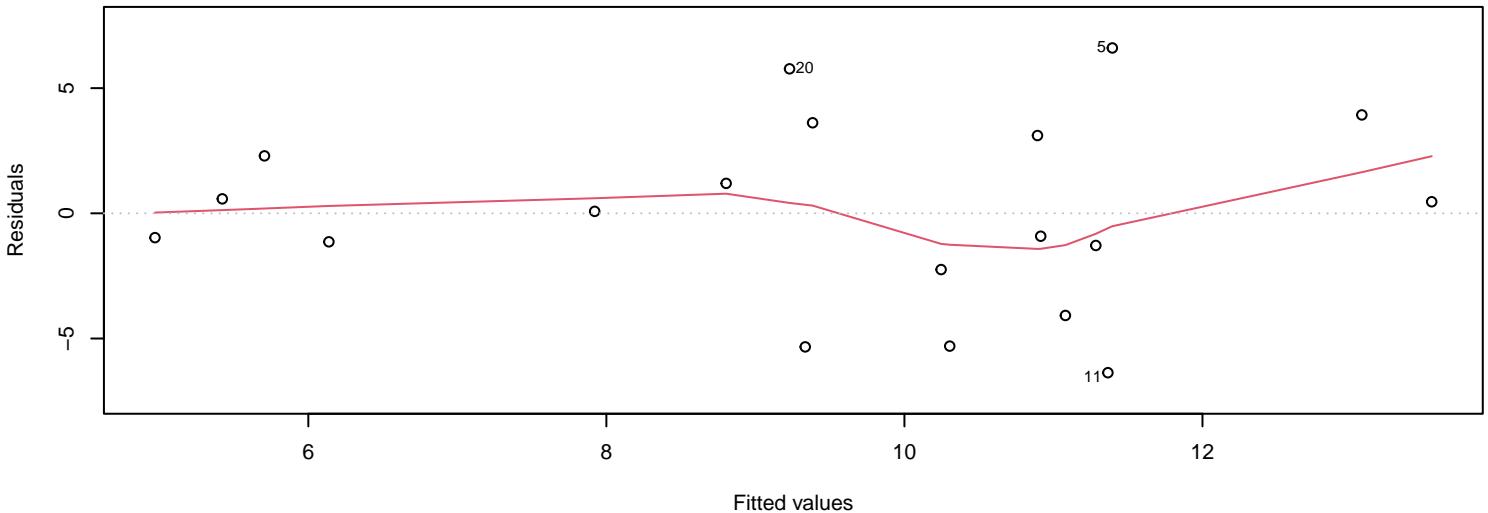
**Normal Q–Q: psqi\_sum ~ hrv\_sdnn**  
Q–Q Residuals



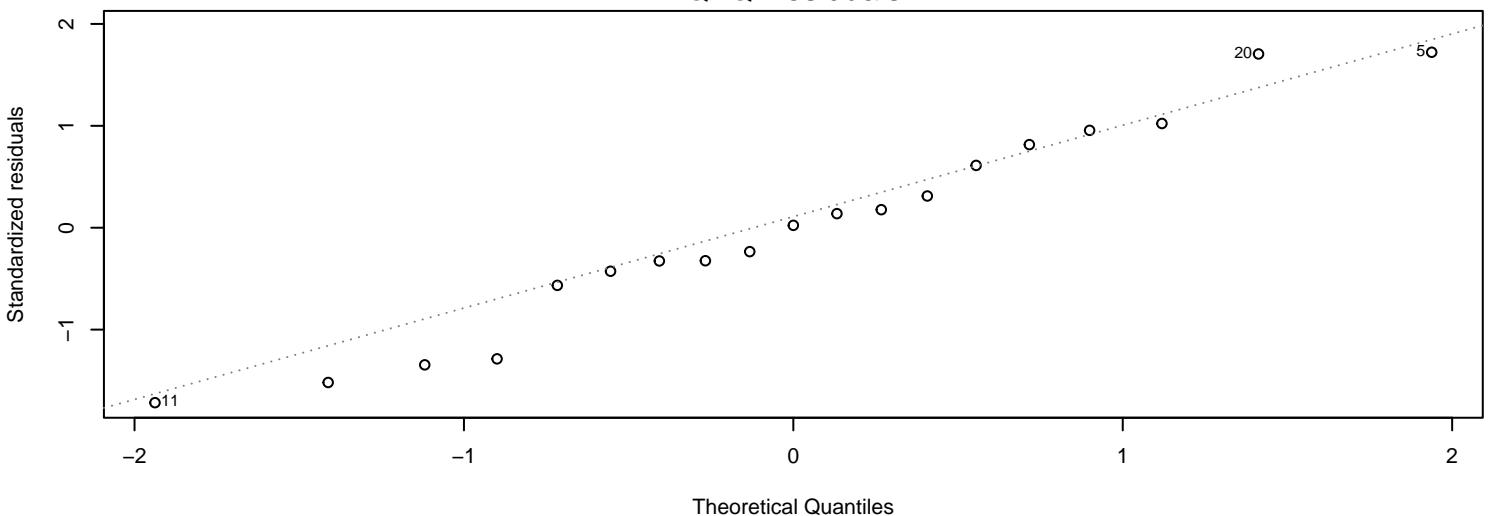
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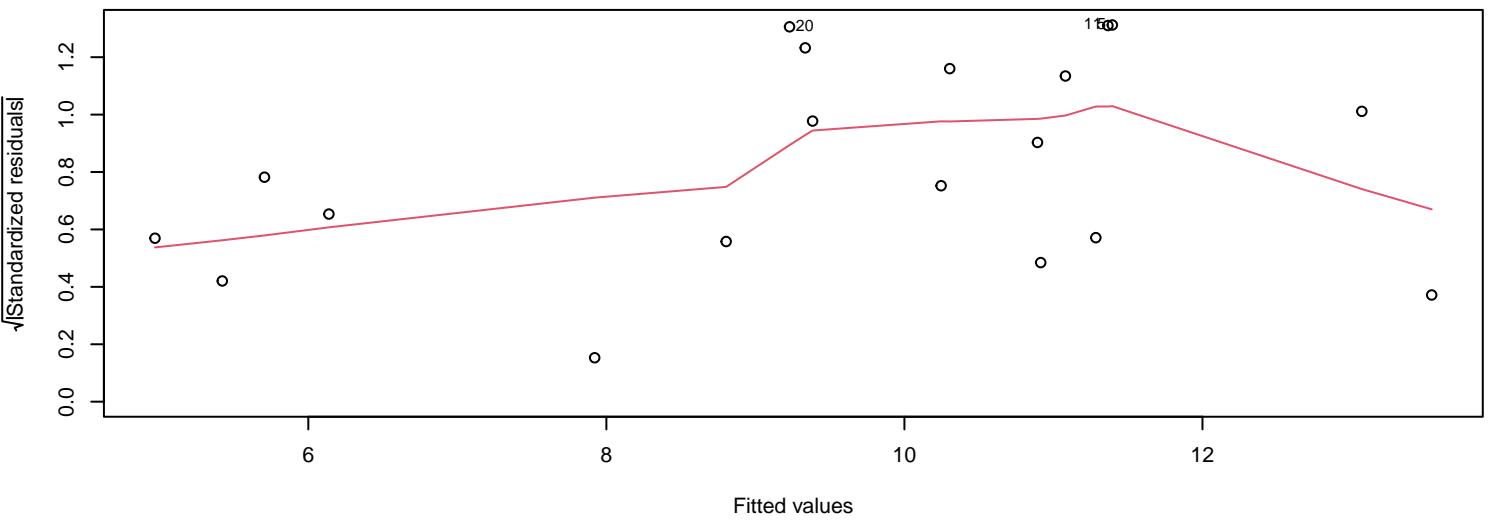
**Residuals vs Fitted: psqi\_sum ~ hrv\_lfhf**  
Residuals vs Fitted



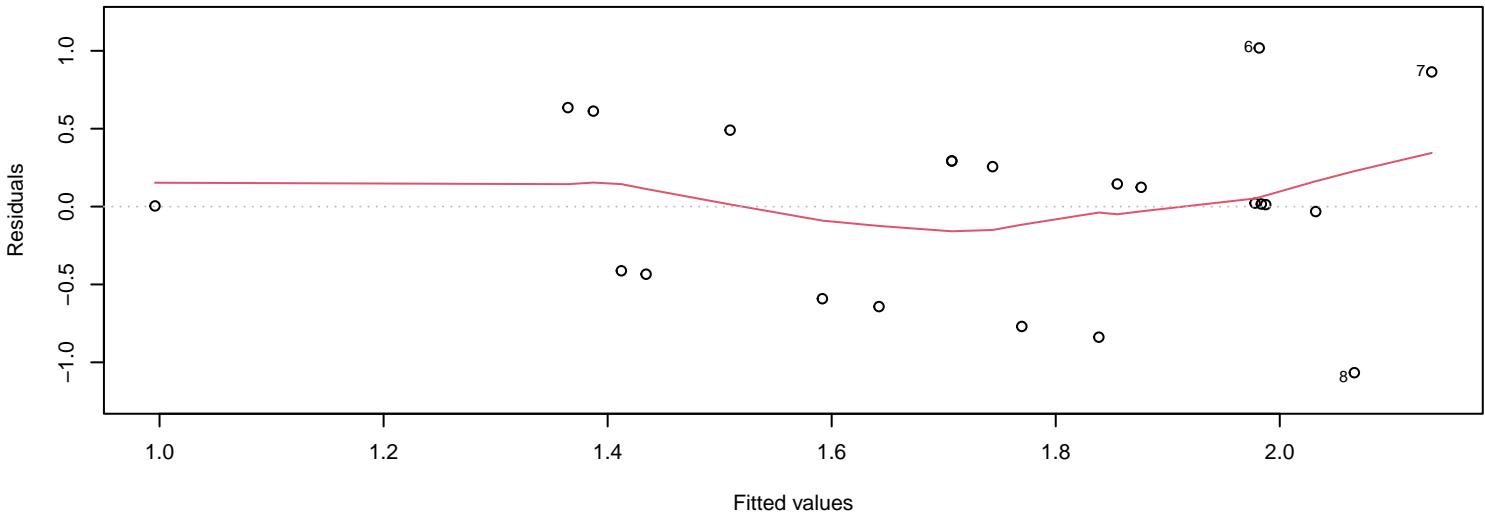
**Normal Q-Q: psqi\_sum ~ hrv\_lfhf**  
Q-Q Residuals



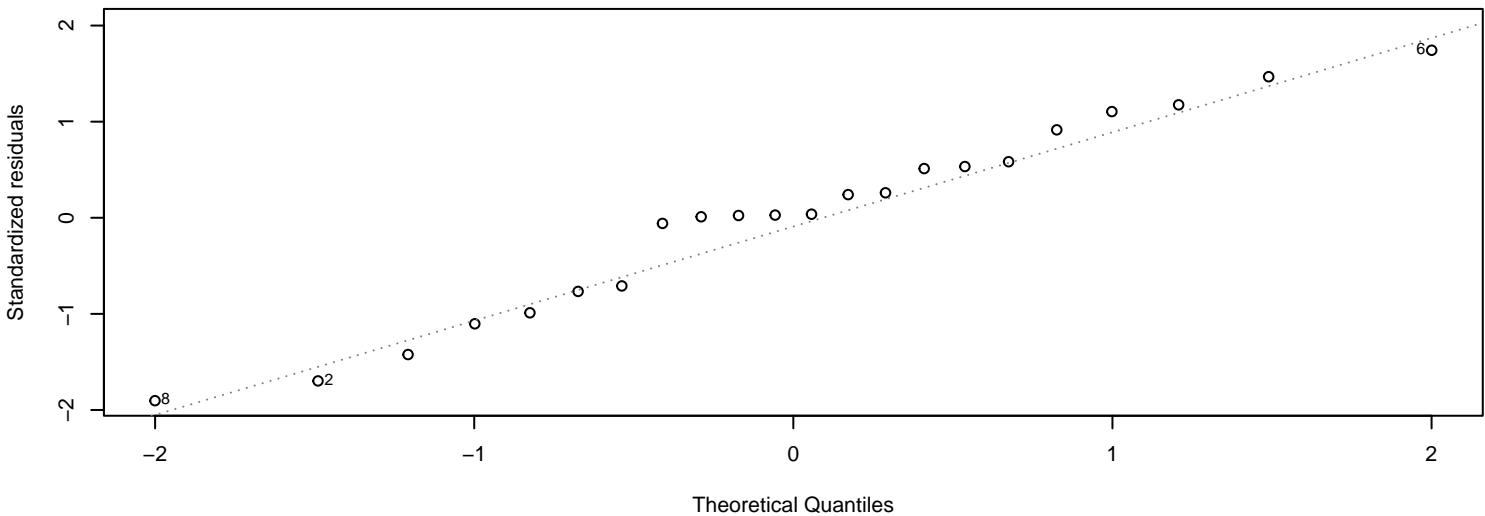
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Scale-Location



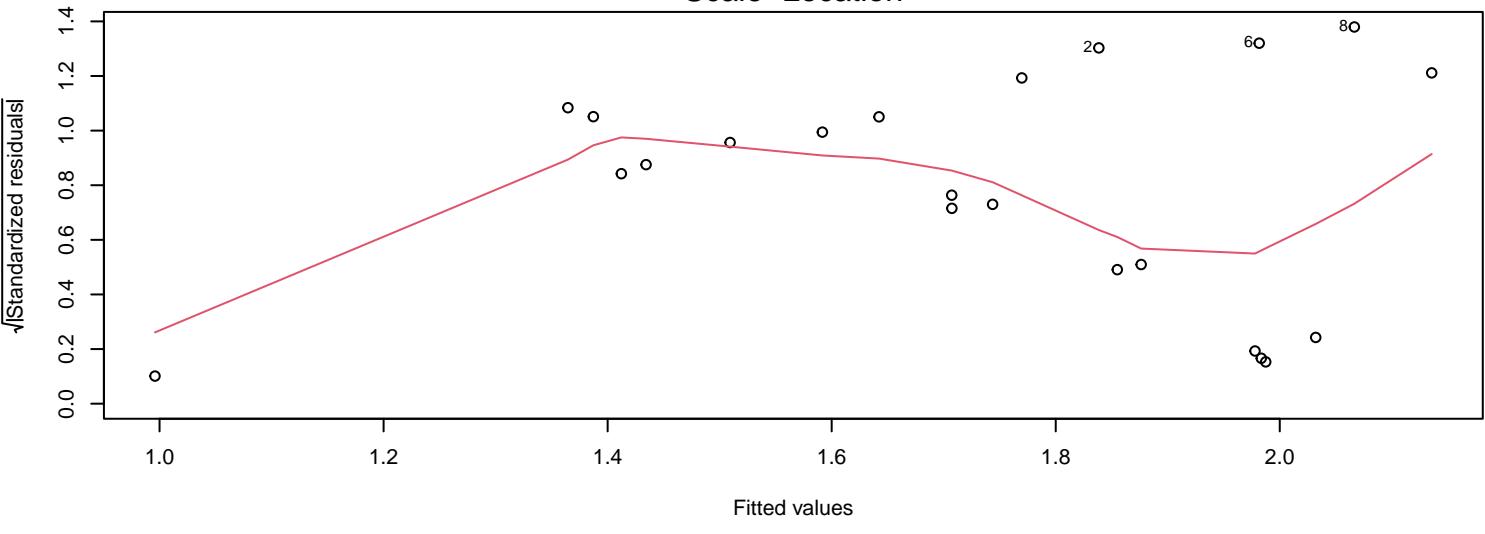
Residuals vs Fitted: psqi\_disturbances ~ cpet\_hr\_restingsit  
Residuals vs Fitted



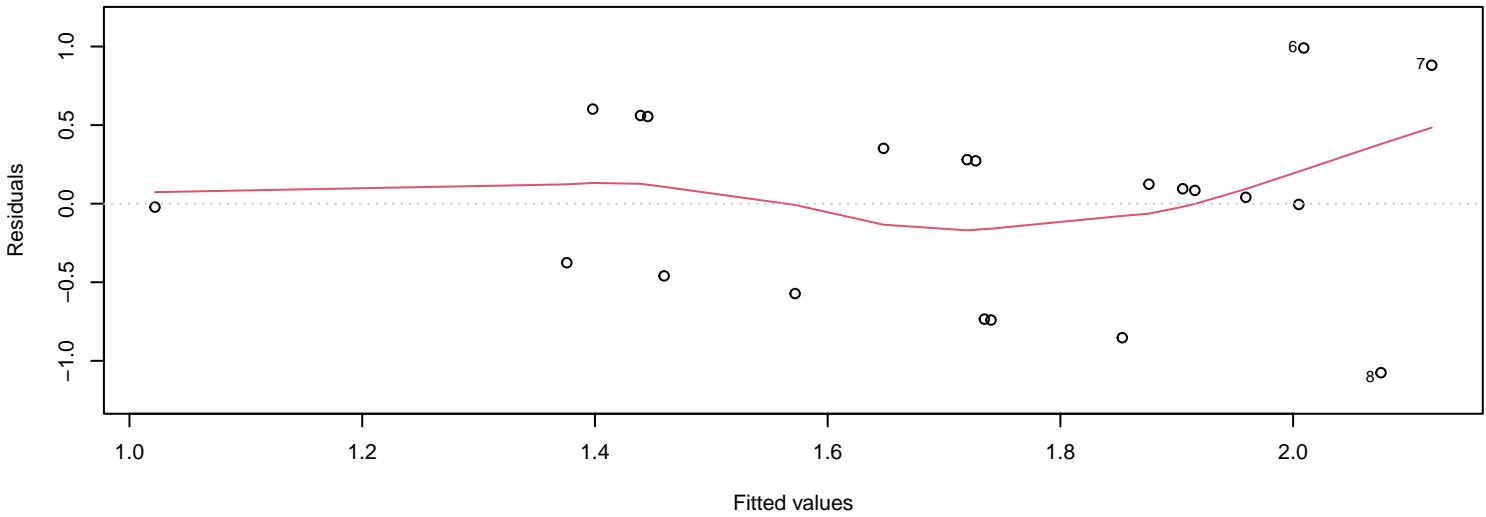
Normal Q-Q: psqi\_disturbances ~ cpet\_hr\_restingsit  
Q-Q Residuals



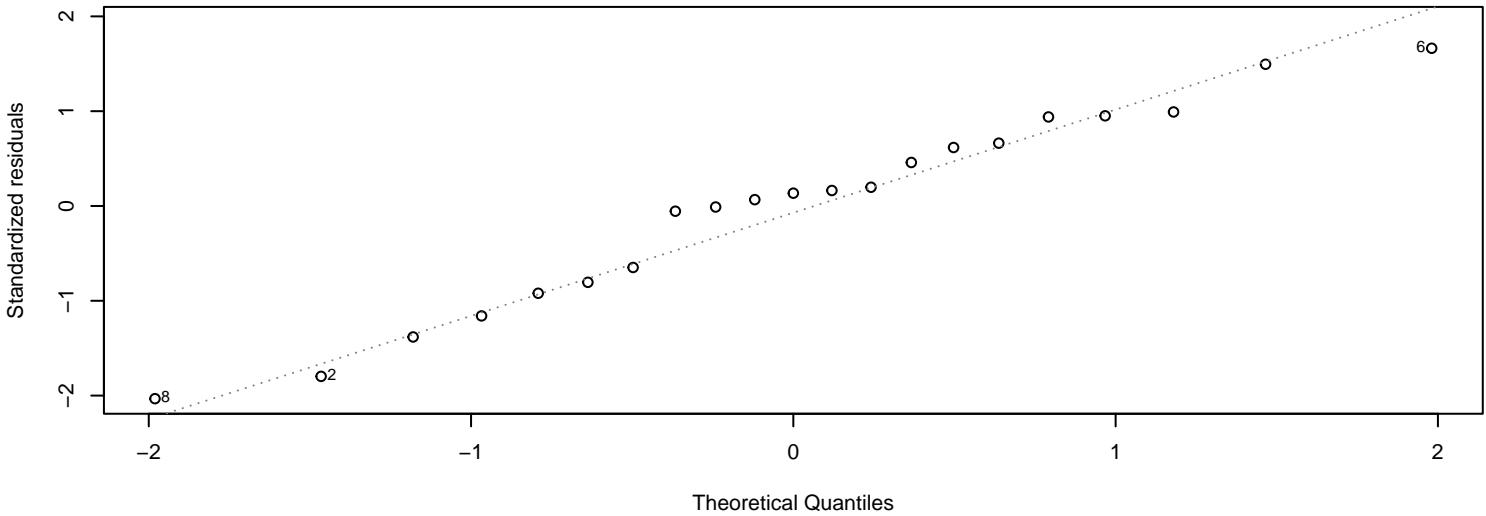
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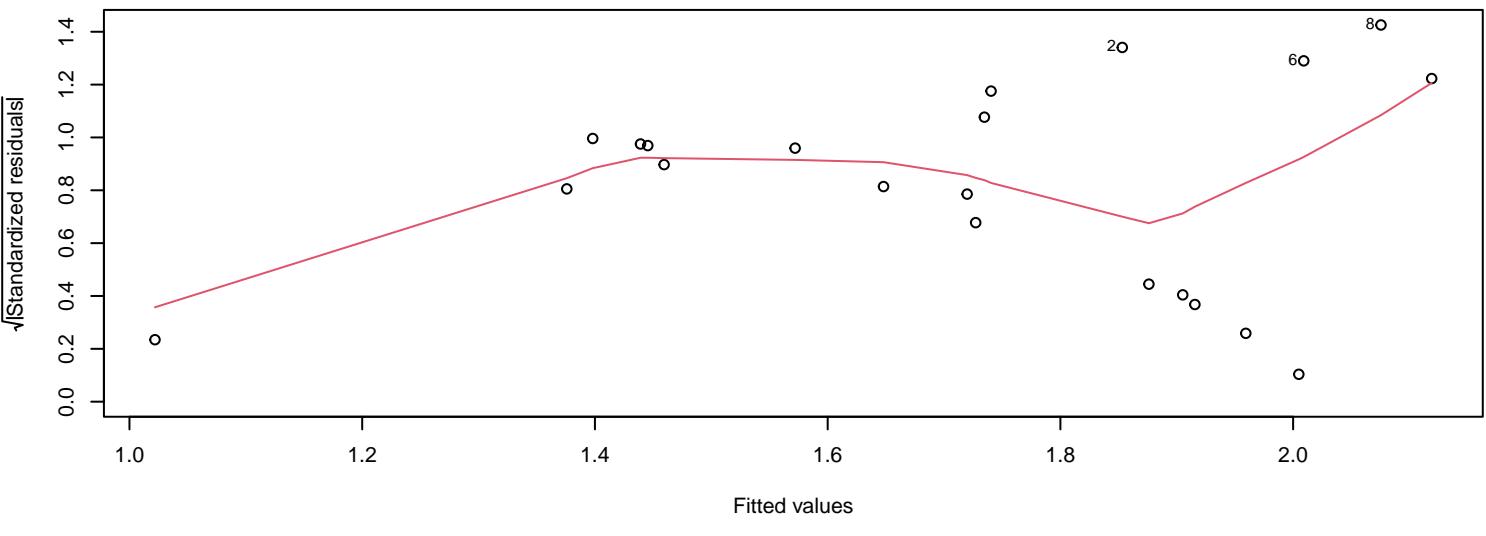
**Residuals vs Fitted: psqi\_disturbances ~ cpet\_hrr1**  
Residuals vs Fitted



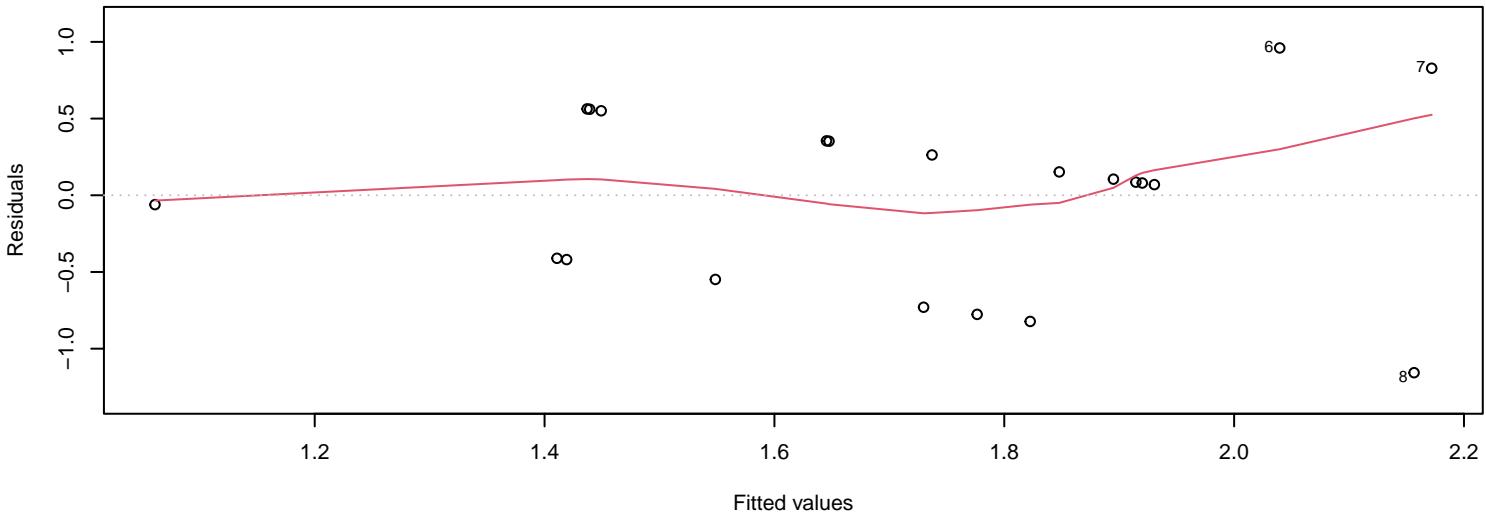
**Normal Q–Q: psqi\_disturbances ~ cpet\_hrr1**  
Q–Q Residuals



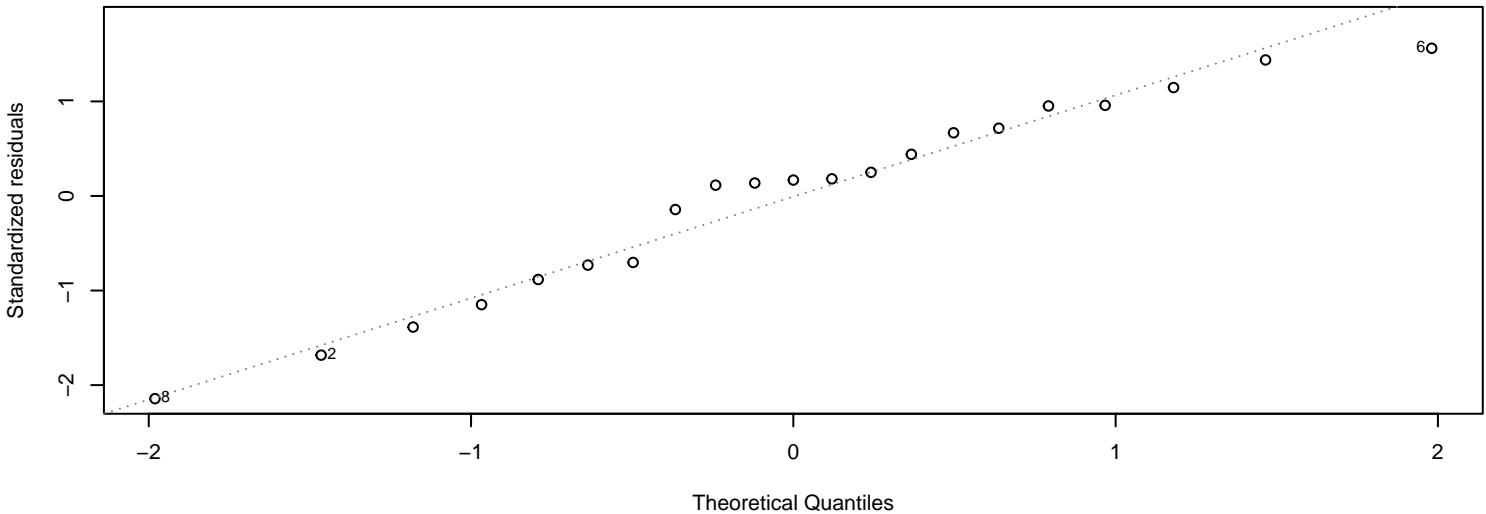
**Scale–Location: psqi\_disturbances ~ cpet\_hrr1**  
Scale–Location



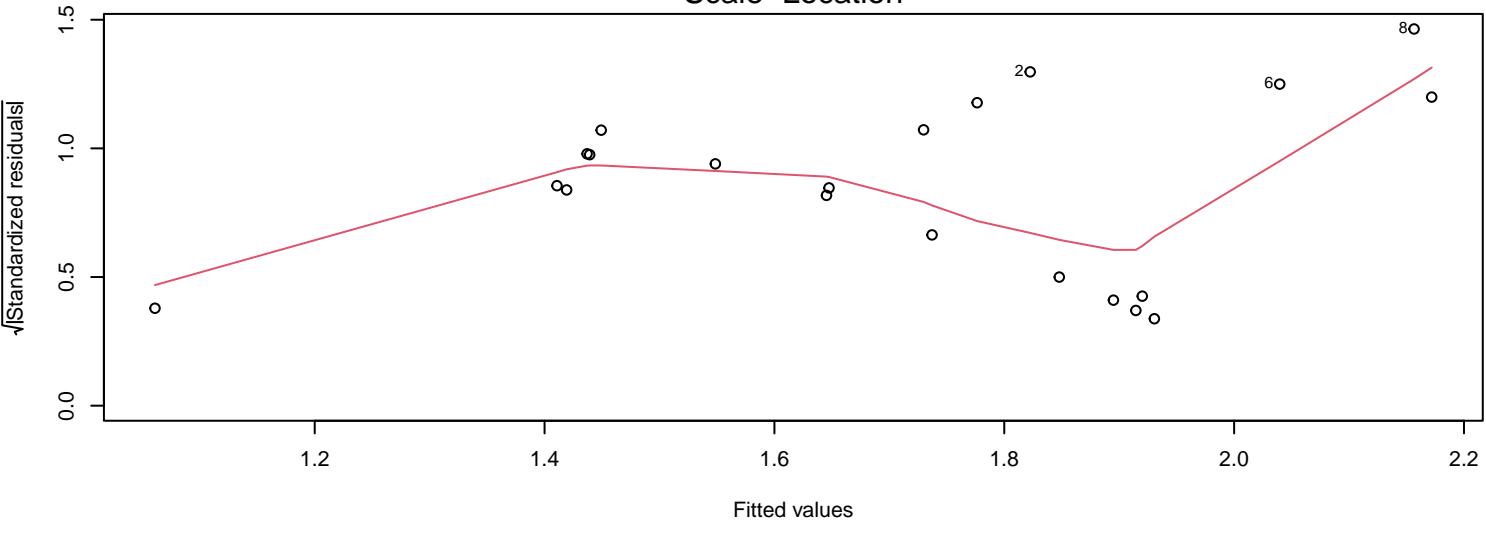
**Residuals vs Fitted: psqi\_disturbances ~ cpet\_hrr2**  
Residuals vs Fitted



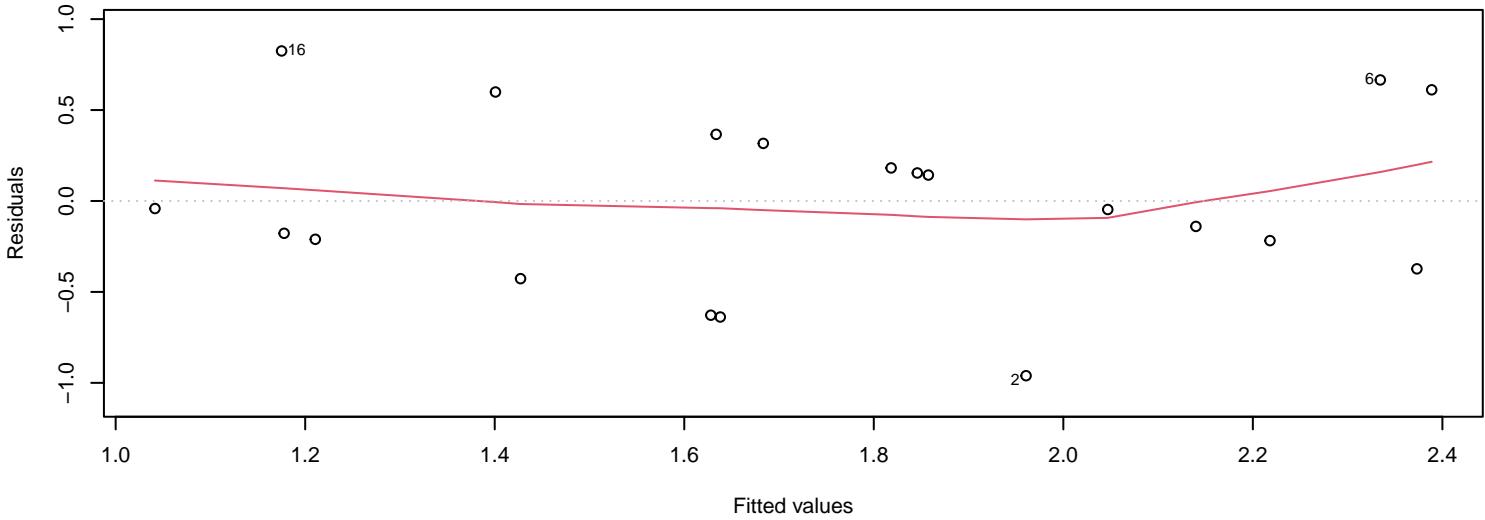
**Normal Q-Q: psqi\_disturbances ~ cpet\_hrr2**  
Q-Q Residuals



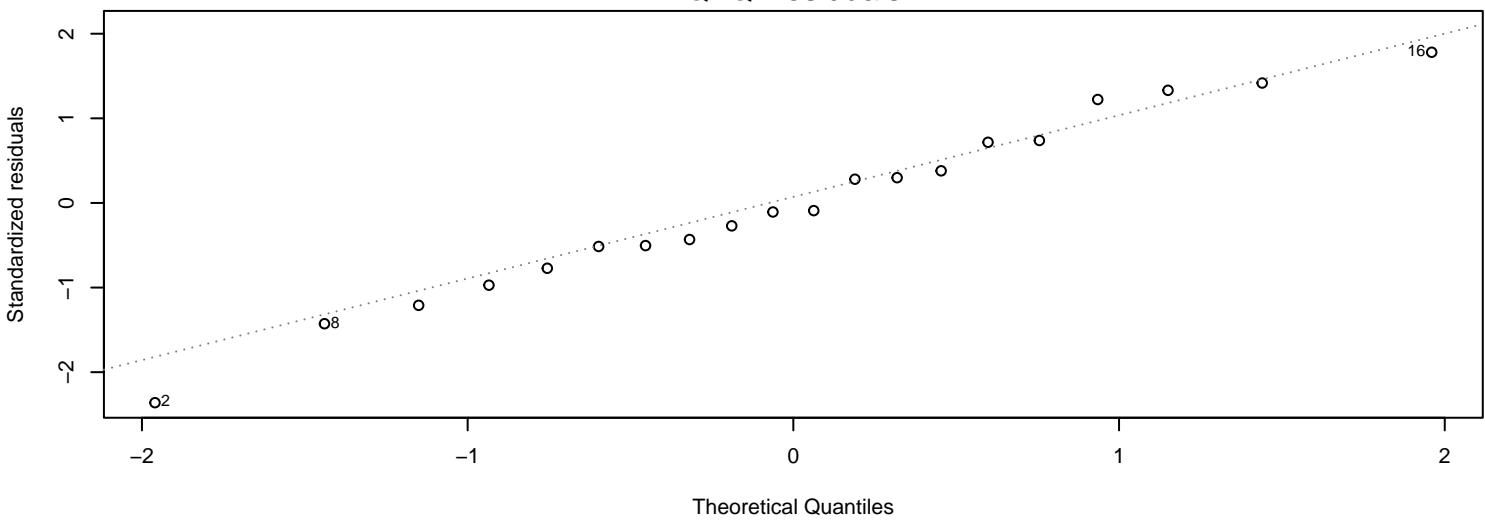
**Scale-Location: psqi\_disturbances ~ cpet\_hrr2**  
Scale-Location



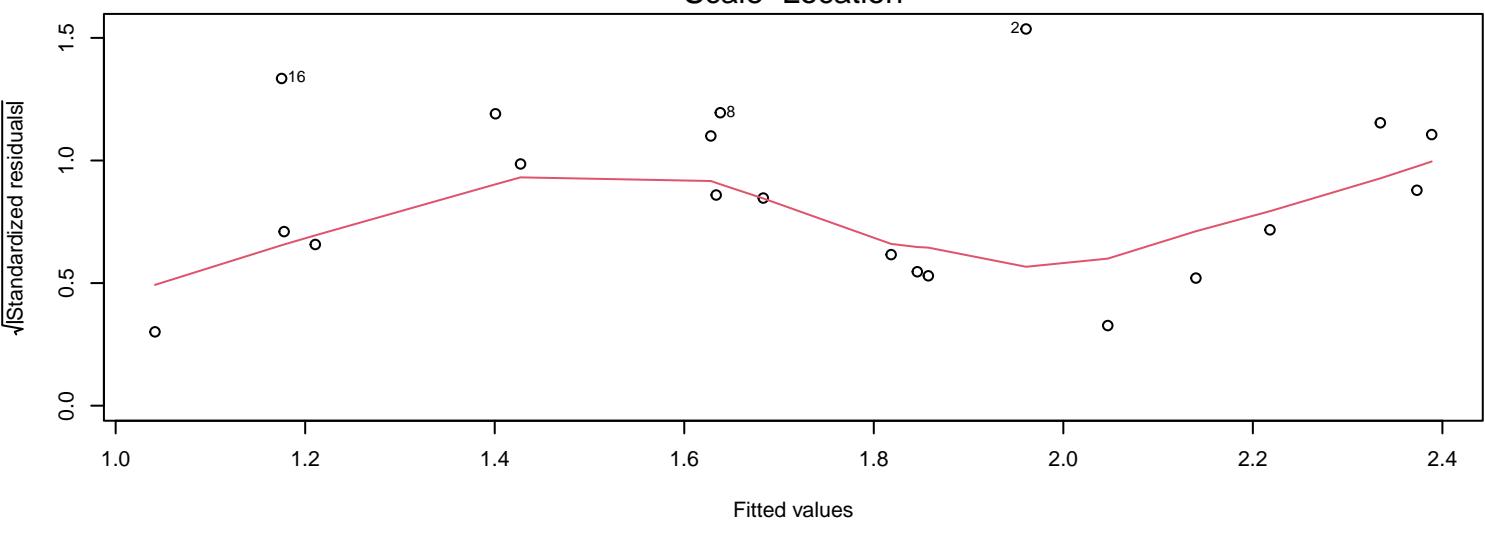
Residuals vs Fitted: psqi\_disturbances ~ cpet\_vevco2\_peak  
Residuals vs Fitted



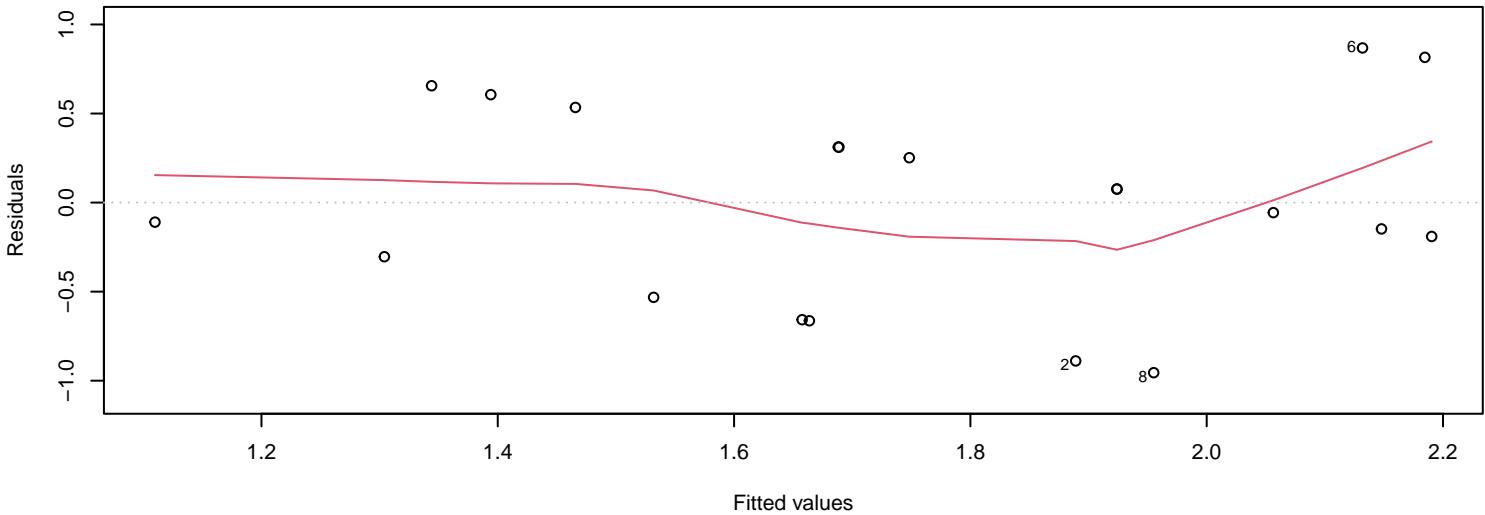
Normal Q-Q: psqi\_disturbances ~ cpet\_vevco2\_peak  
Q-Q Residuals



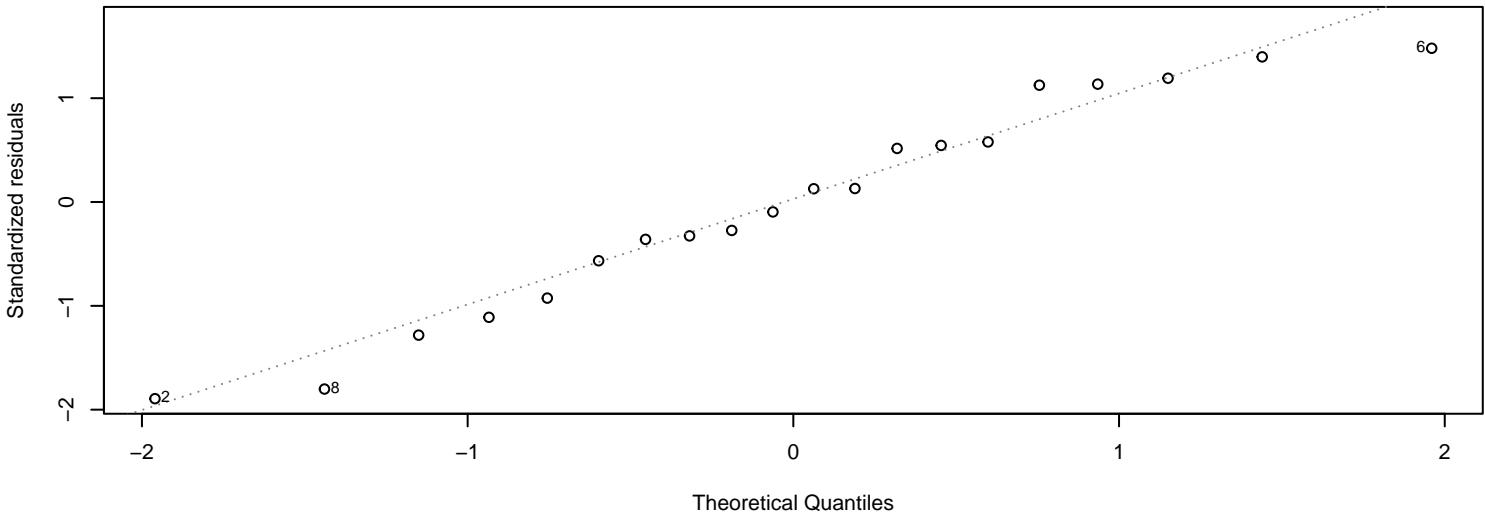
Scale-Location: psqi\_disturbances ~ cpet\_vevco2\_peak  
Scale-Location



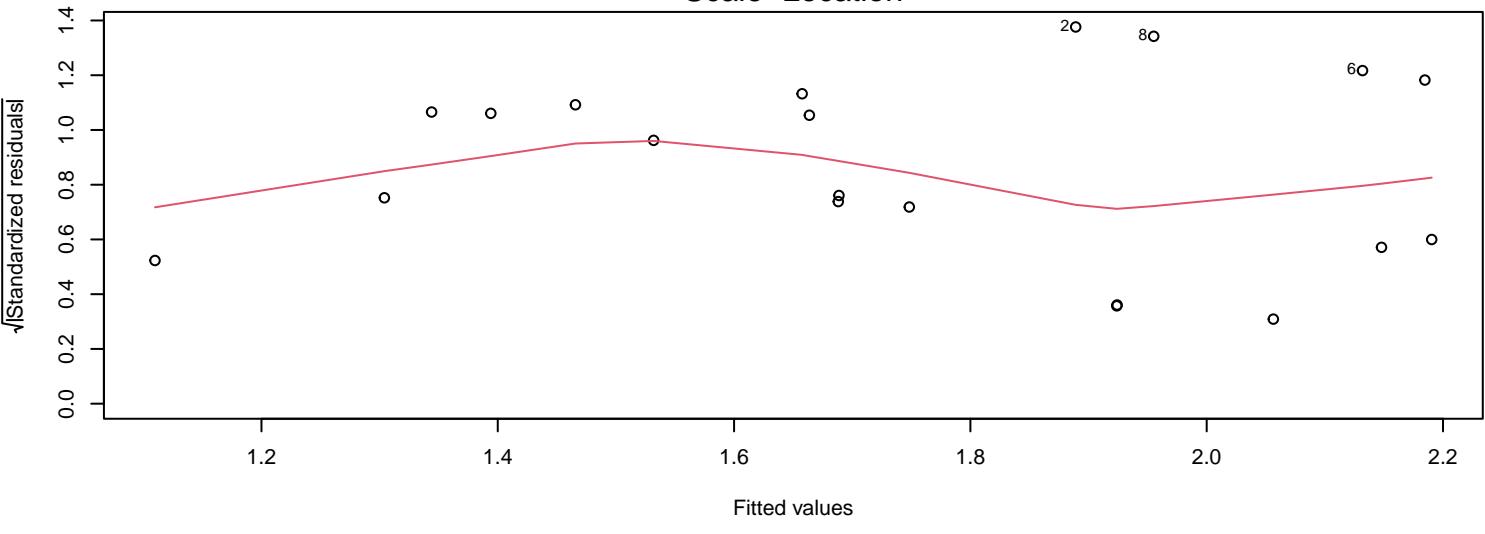
Residuals vs Fitted: psqi\_disturbances ~ cpet\_vevco2\_at\_vslope  
Residuals vs Fitted



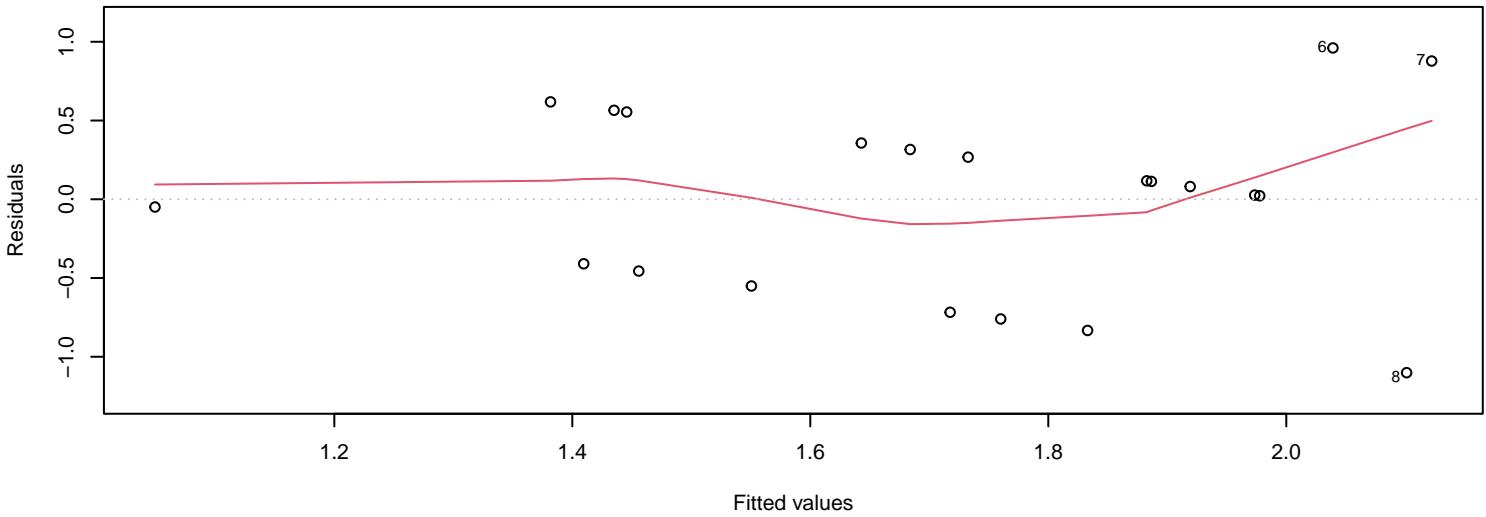
Normal Q-Q: psqi\_disturbances ~ cpet\_vevco2\_at\_vslope  
Q-Q Residuals



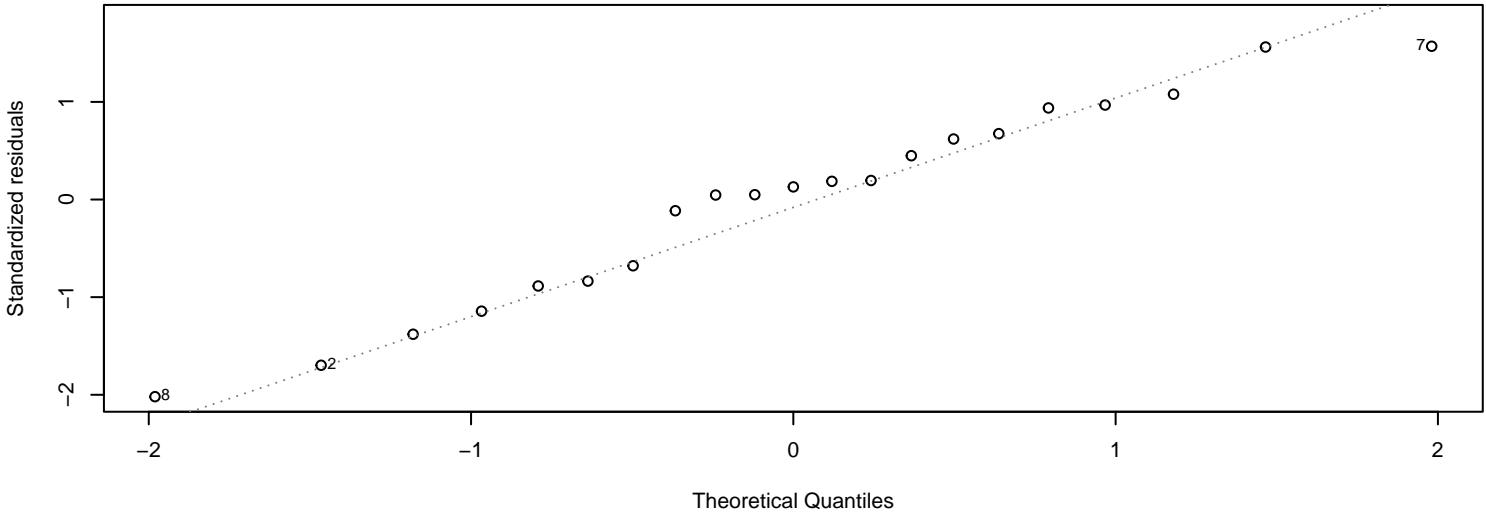
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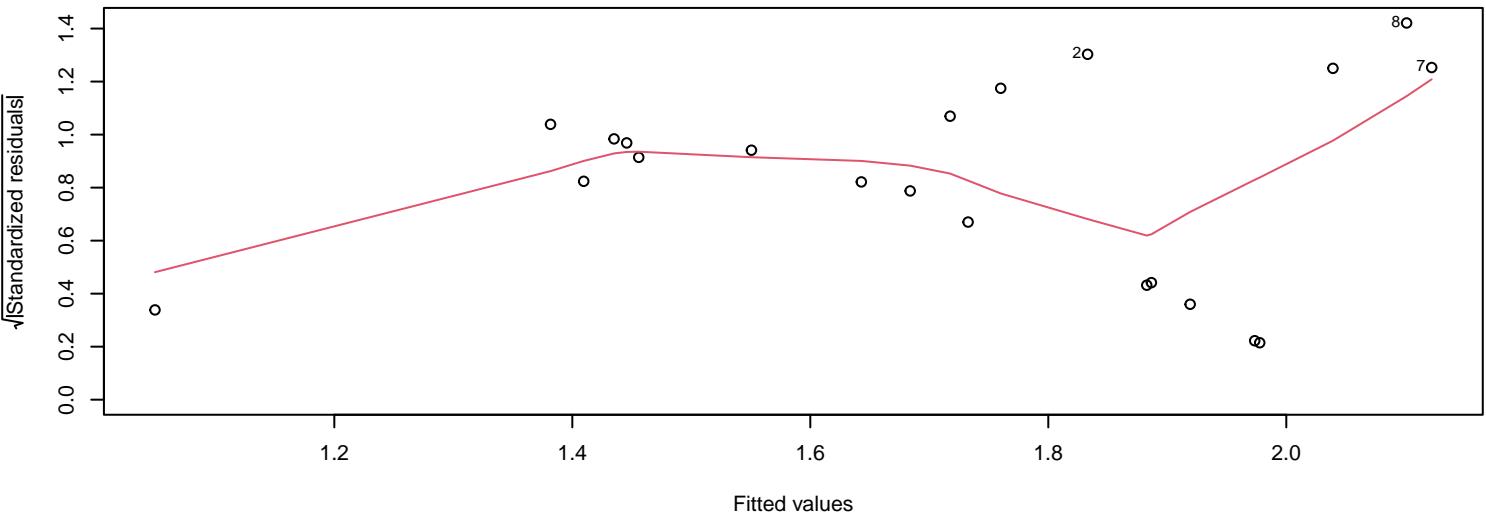
**Residuals vs Fitted: psqi\_disturbances ~ cpet\_chronindex**  
Residuals vs Fitted



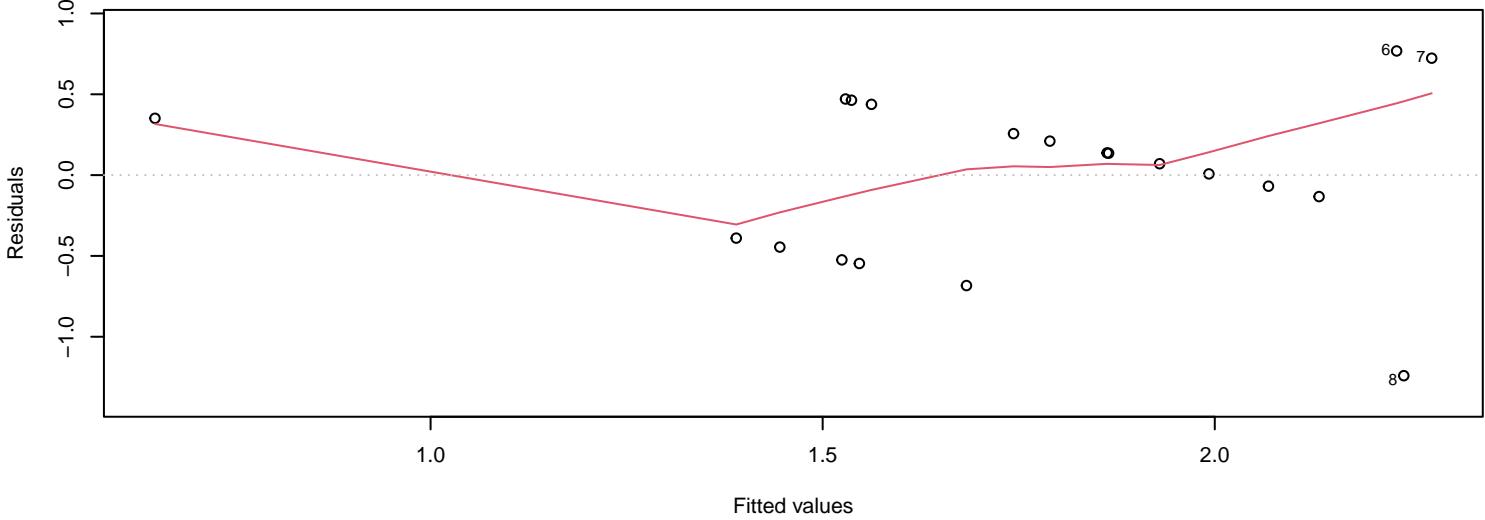
**Normal Q-Q: psqi\_disturbances ~ cpet\_chronindex**  
Q-Q Residuals



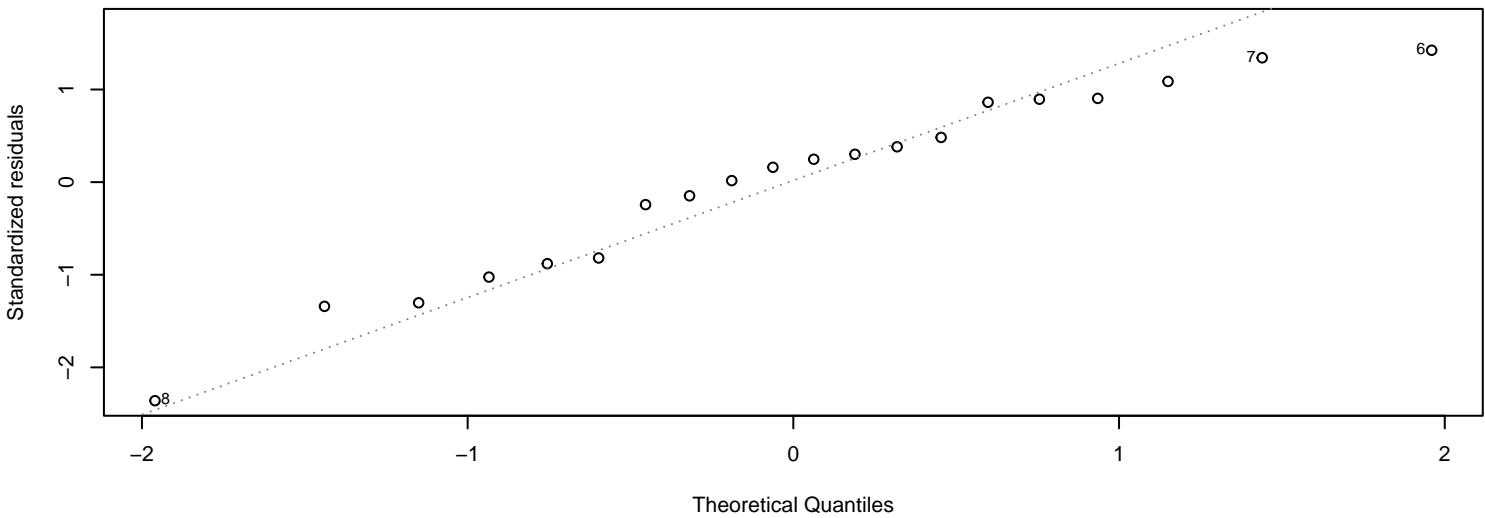
**Scale–Location: psqi\_disturbances ~ cpet\_chronindex**  
Scale–Location



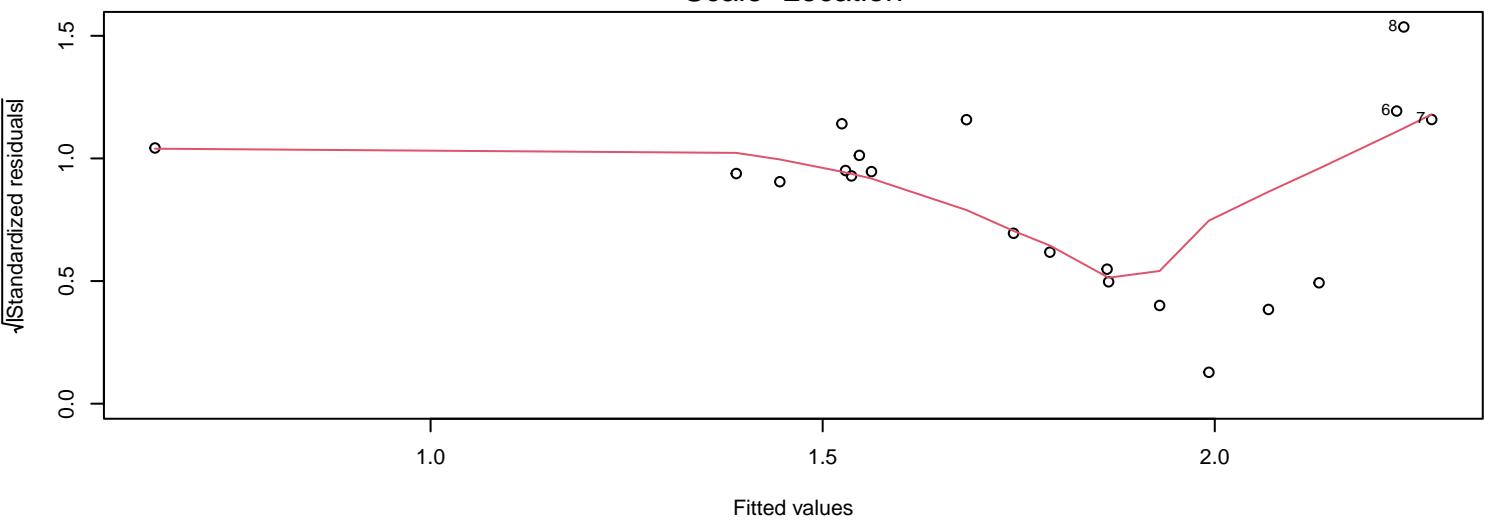
**Residuals vs Fitted: psqi\_disturbances ~ fmd\_percent**  
Residuals vs Fitted



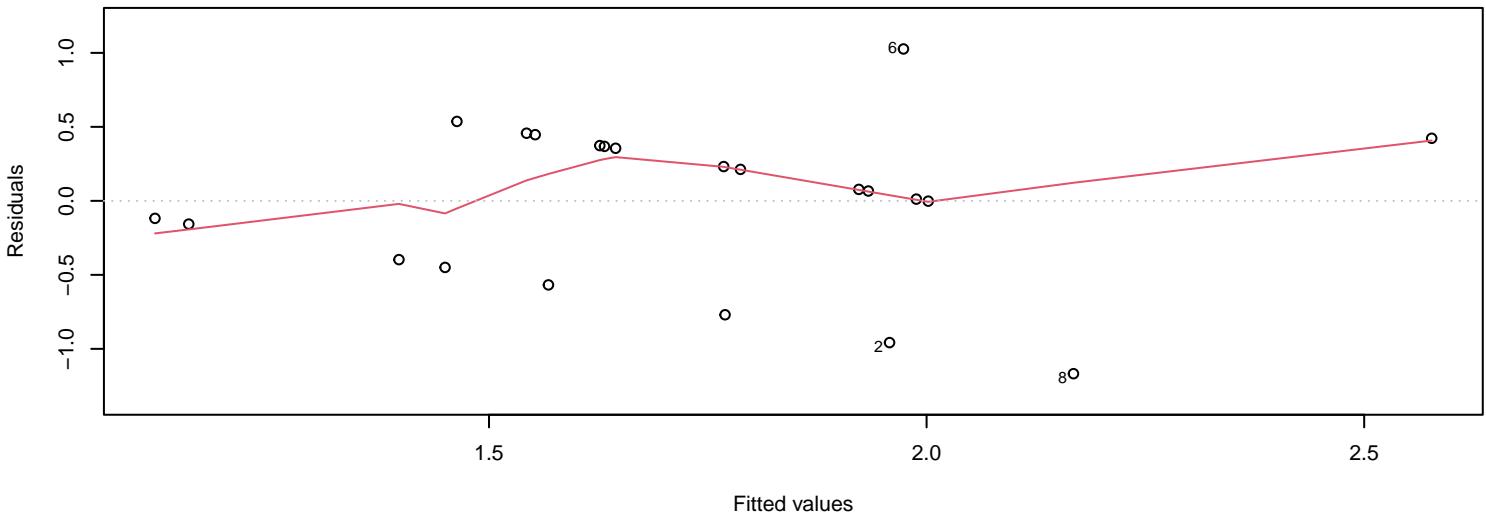
**Normal Q-Q: psqi\_disturbances ~ fmd\_percent**  
Q-Q Residuals



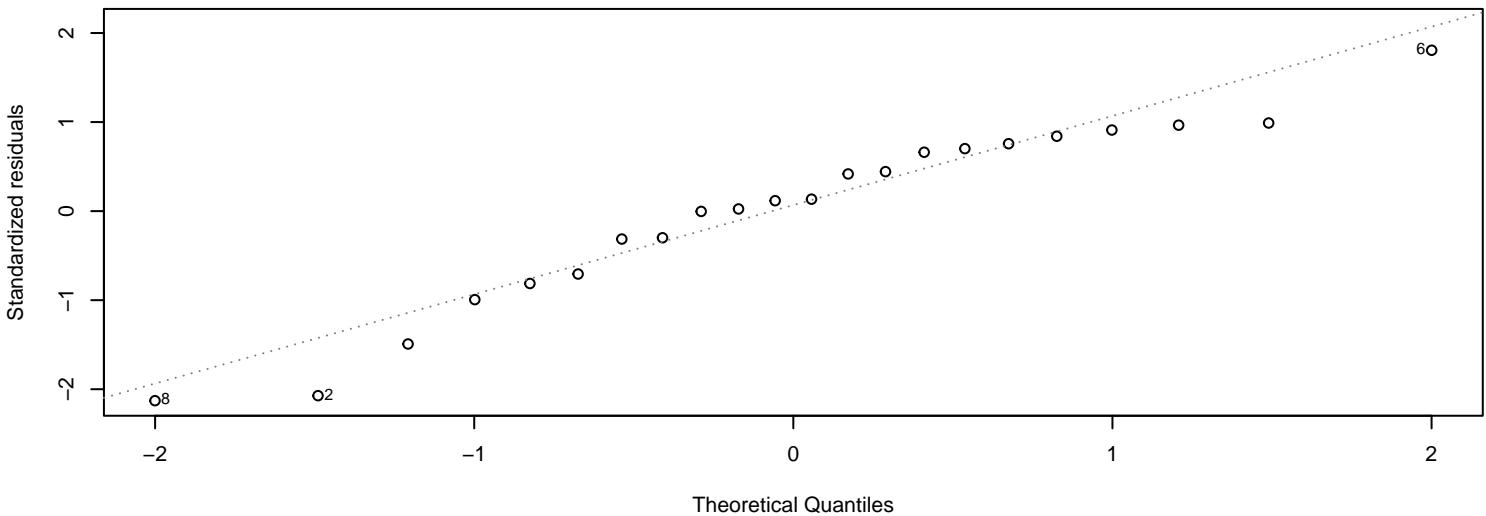
**Scale-Location: psqi\_disturbances ~ fmd\_percent**  
Scale-Location



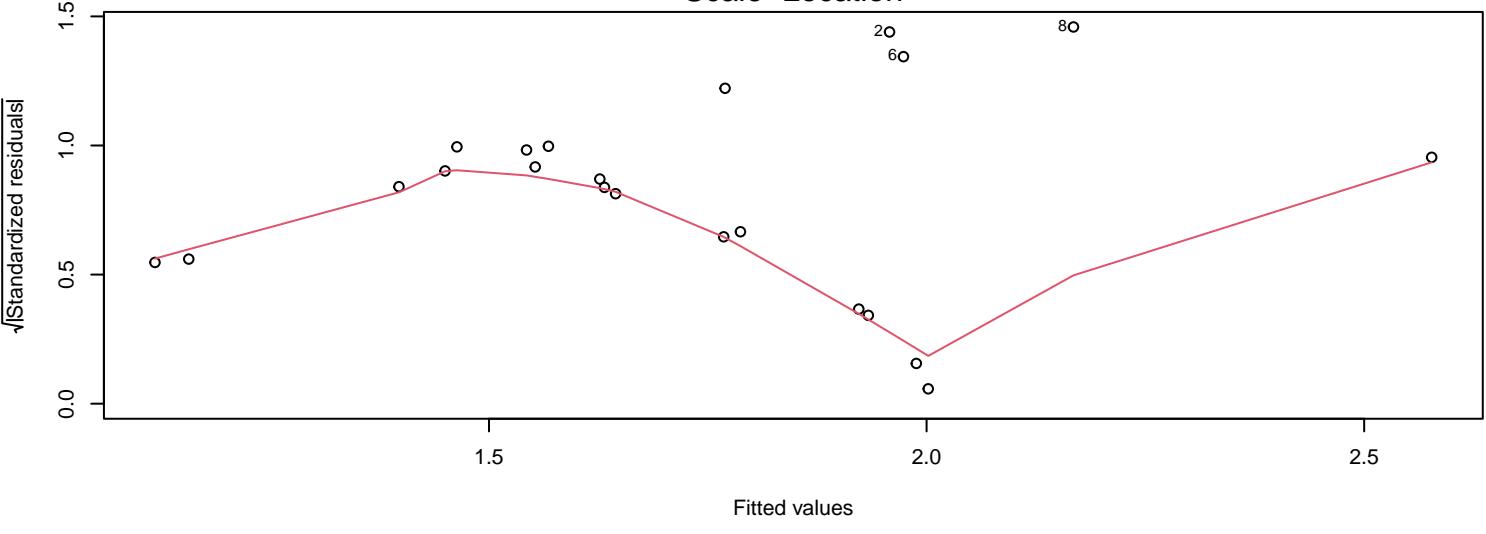
**Residuals vs Fitted: psqi\_disturbances ~ dsq\_sum**  
Residuals vs Fitted



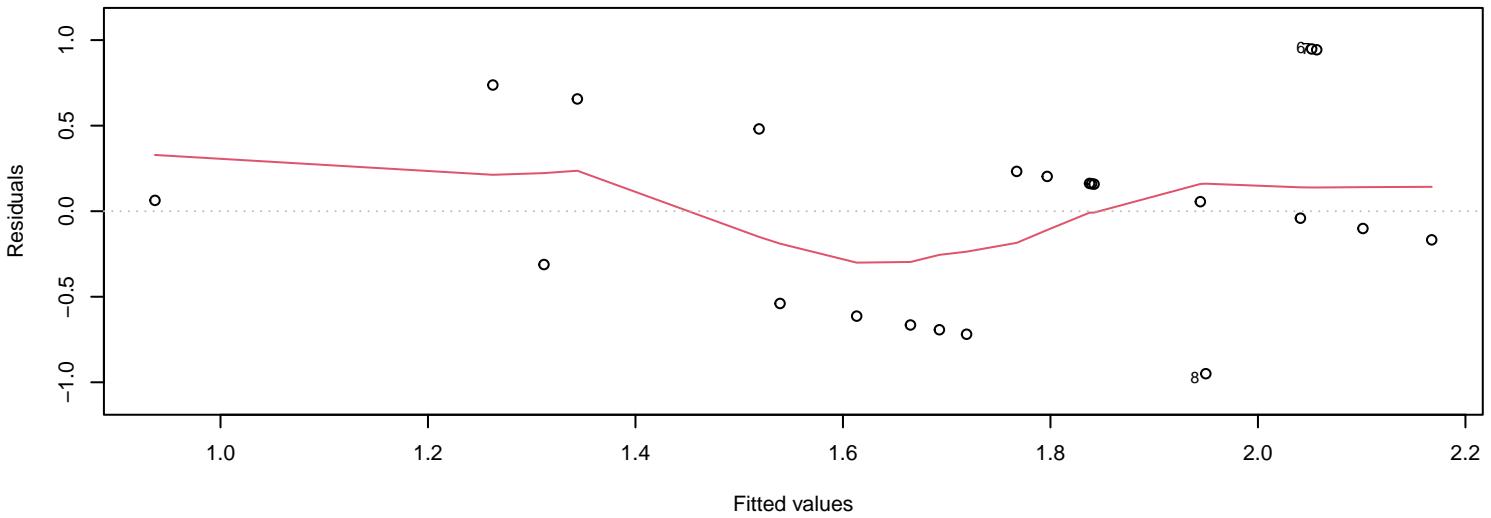
**Normal Q–Q: psqi\_disturbances ~ dsq\_sum**  
Q–Q Residuals



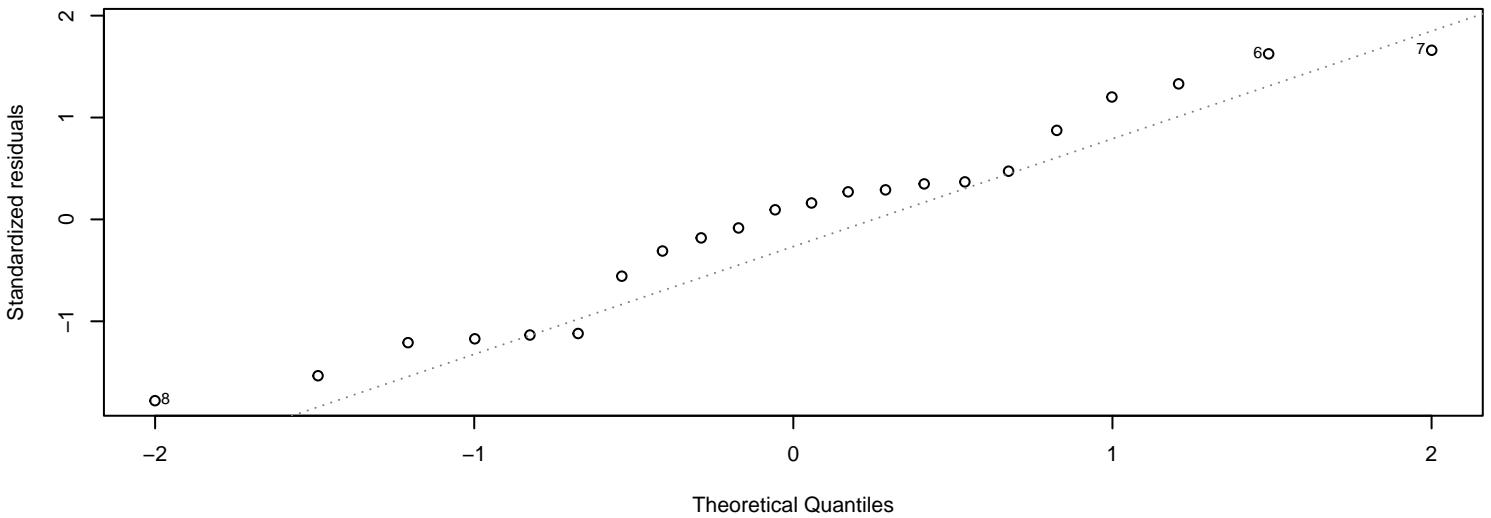
**Scale–Location: psqi\_disturbances ~ dsq\_sum**  
Scale–Location



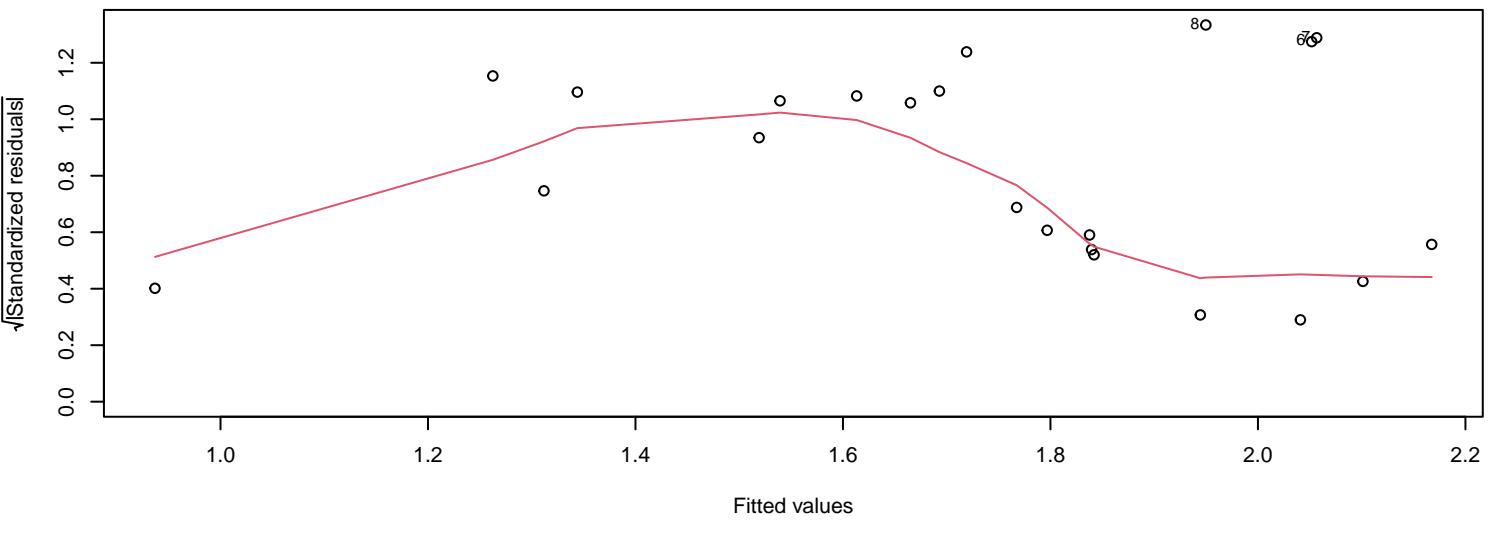
**Residuals vs Fitted: psqi\_disturbances ~ fss\_sum**  
Residuals vs Fitted



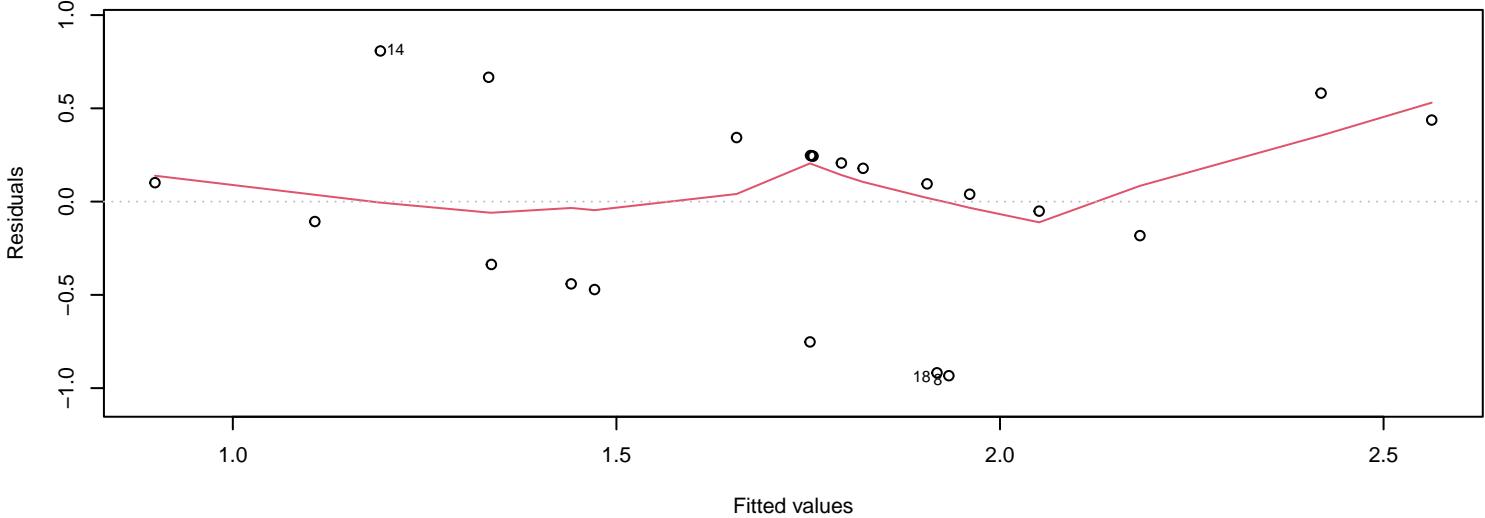
**Normal Q-Q: psqi\_disturbances ~ fss\_sum**  
Q-Q Residuals



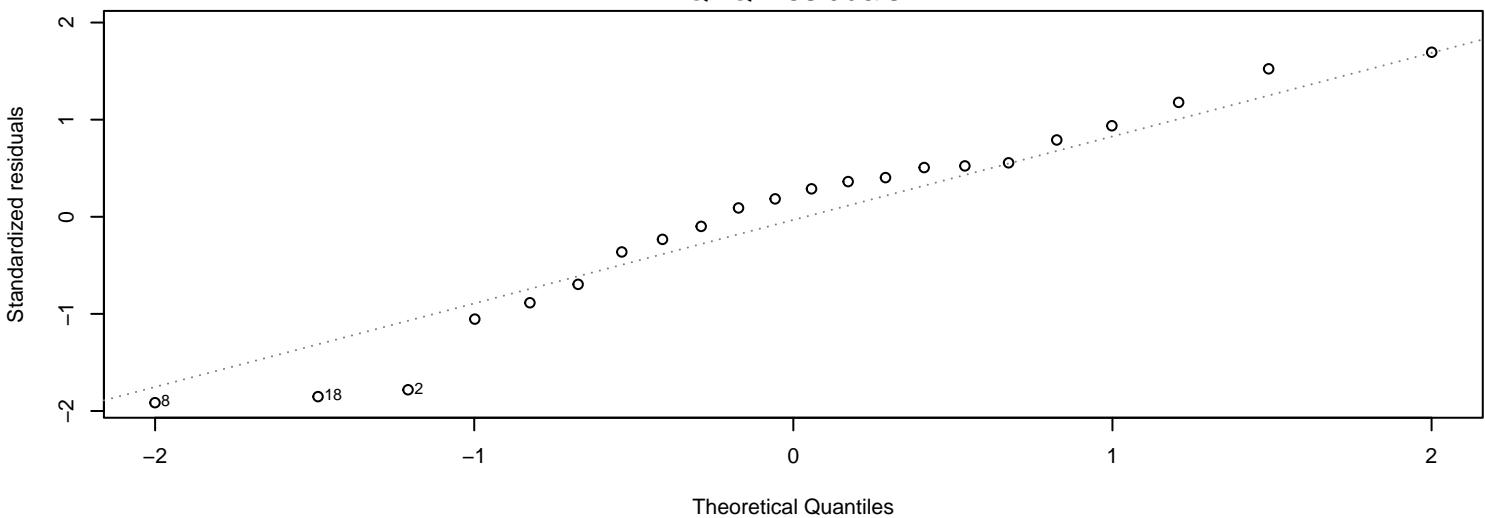
**Scale-Location: psqi\_disturbances ~ fss\_sum**  
Scale-Location



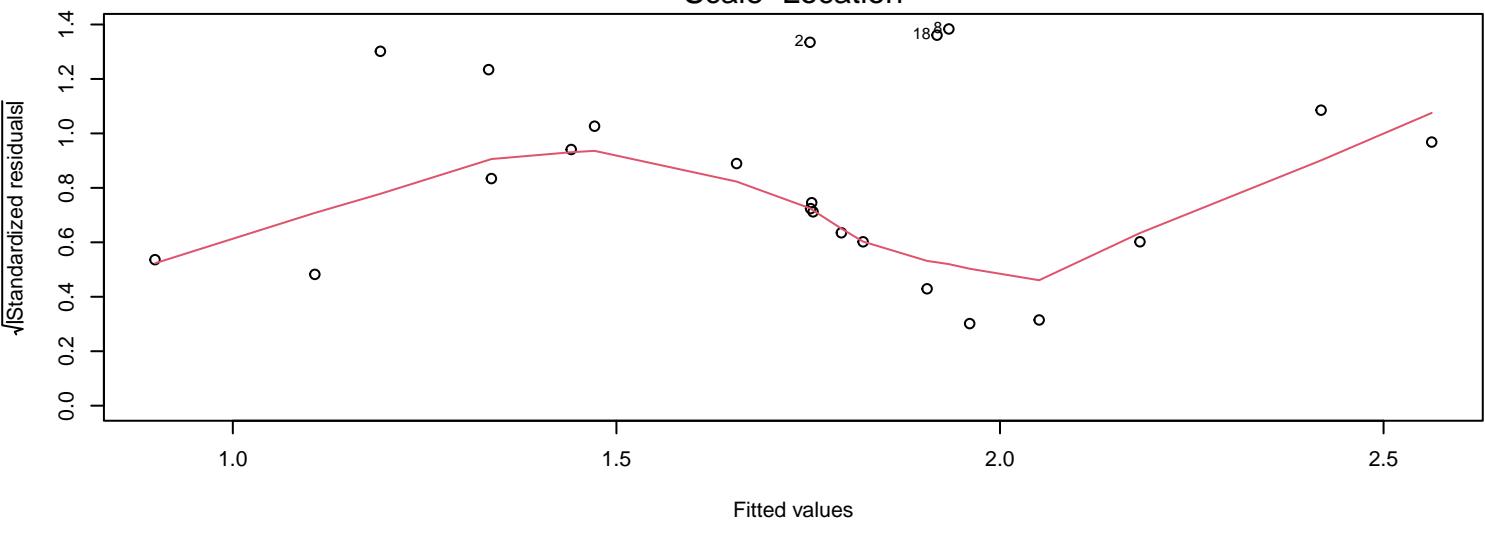
Residuals vs Fitted: psqi\_disturbances ~ anxiety\_sum  
Residuals vs Fitted



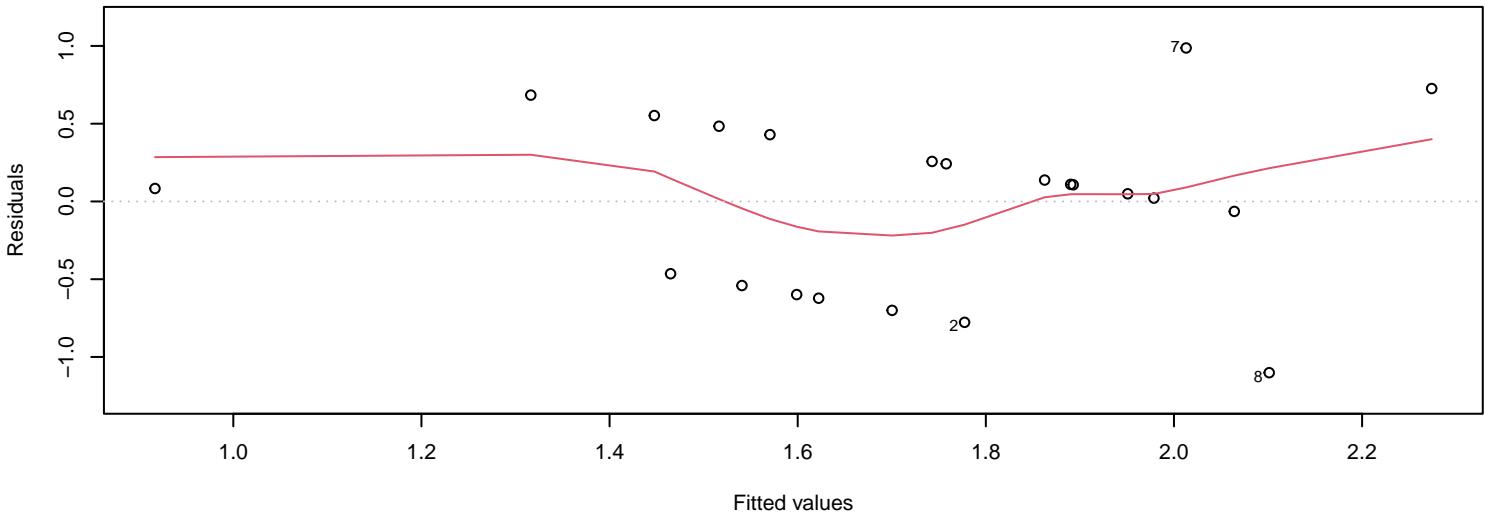
Normal Q–Q: psqi\_disturbances ~ anxiety\_sum  
Q–Q Residuals



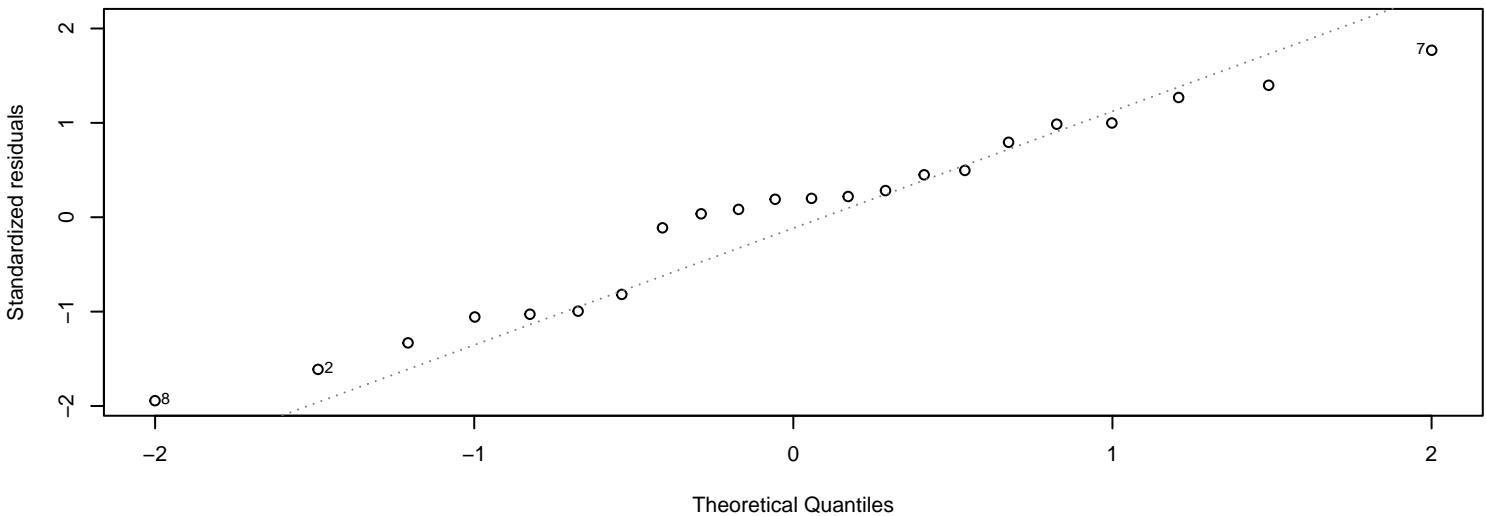
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Scale–Location



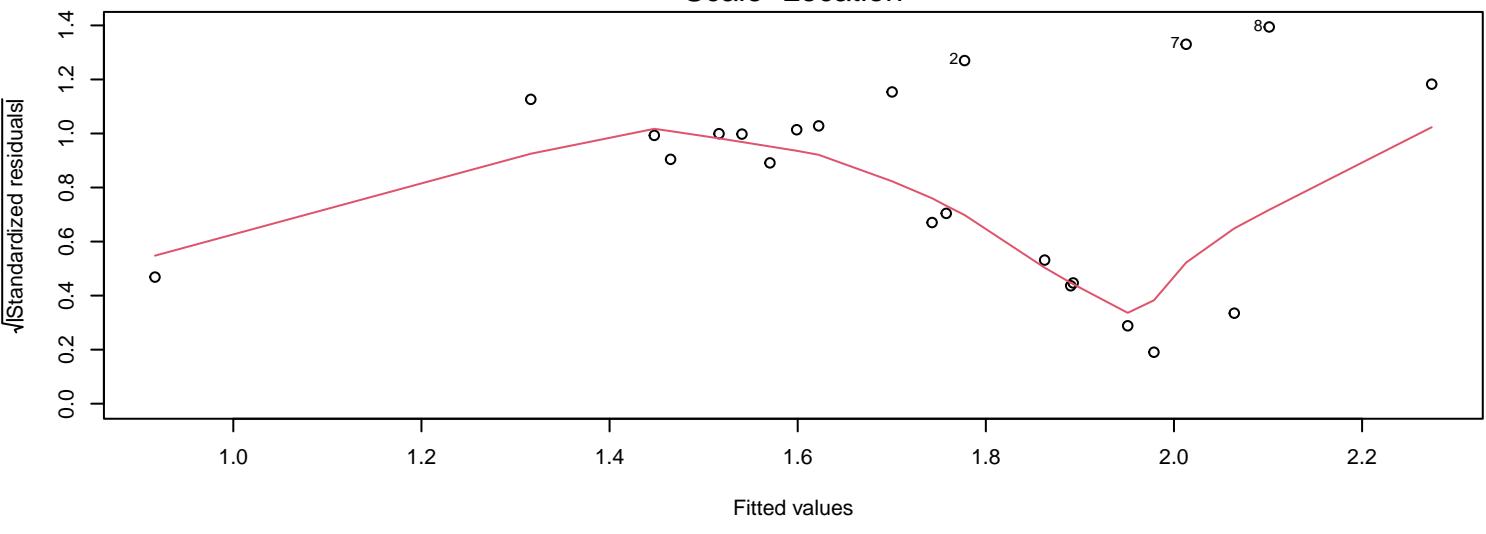
Residuals vs Fitted: psqi\_disturbances ~ depression\_sum  
Residuals vs Fitted



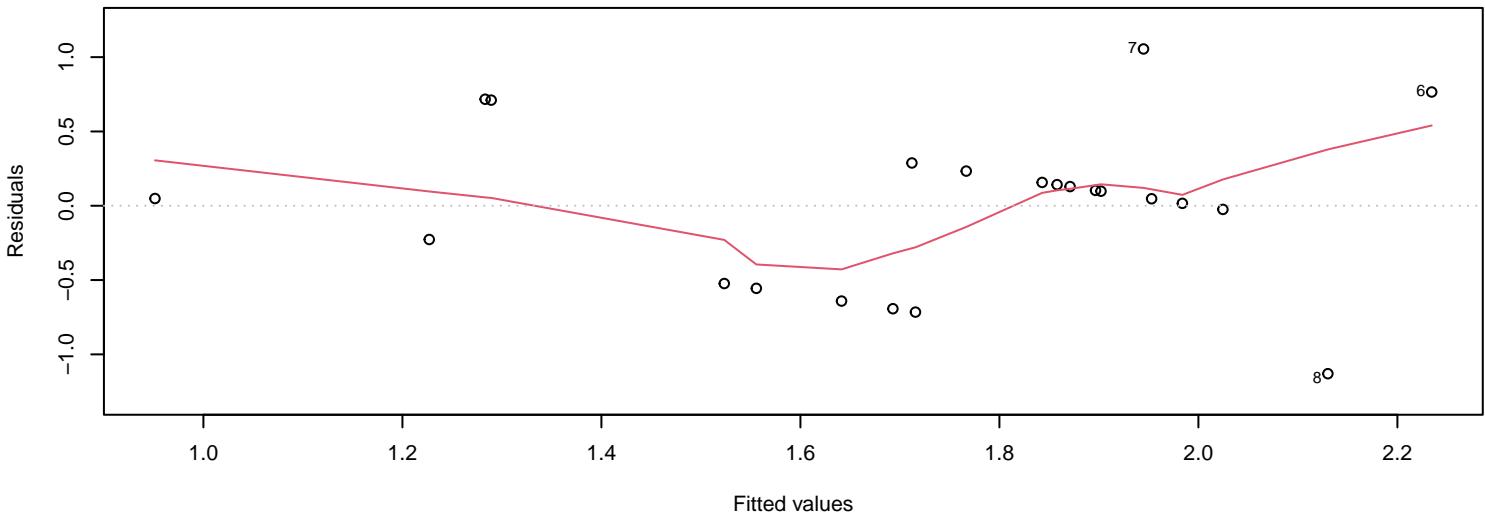
Normal Q-Q: psqi\_disturbances ~ depression\_sum  
Q-Q Residuals



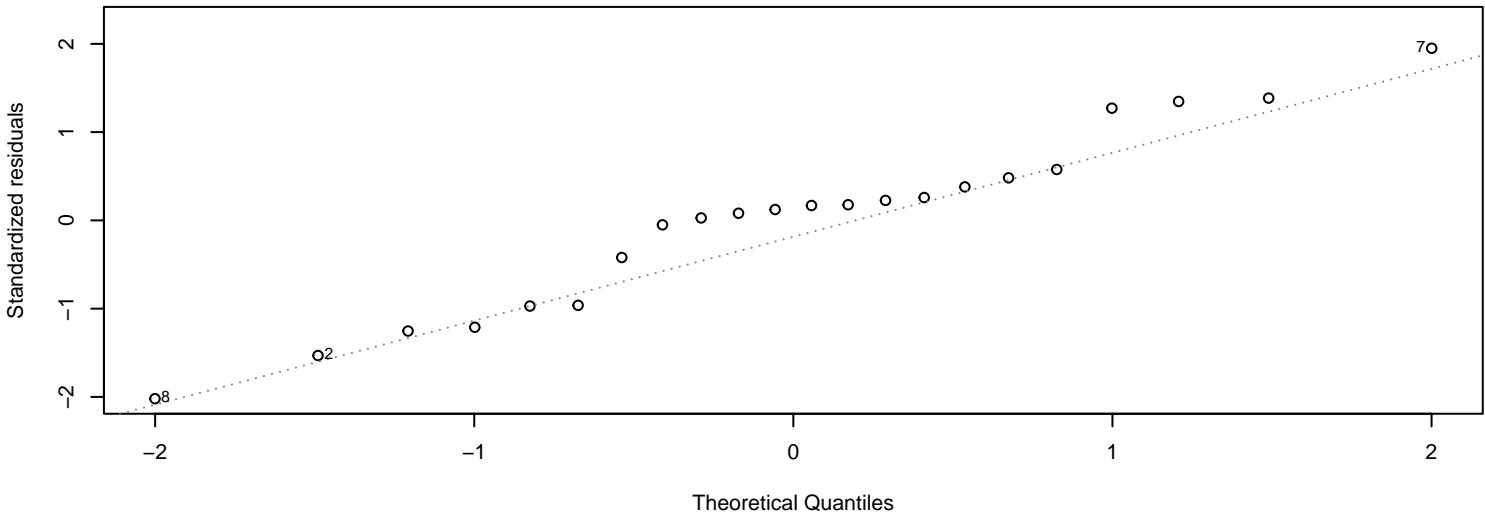
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Scale-Location



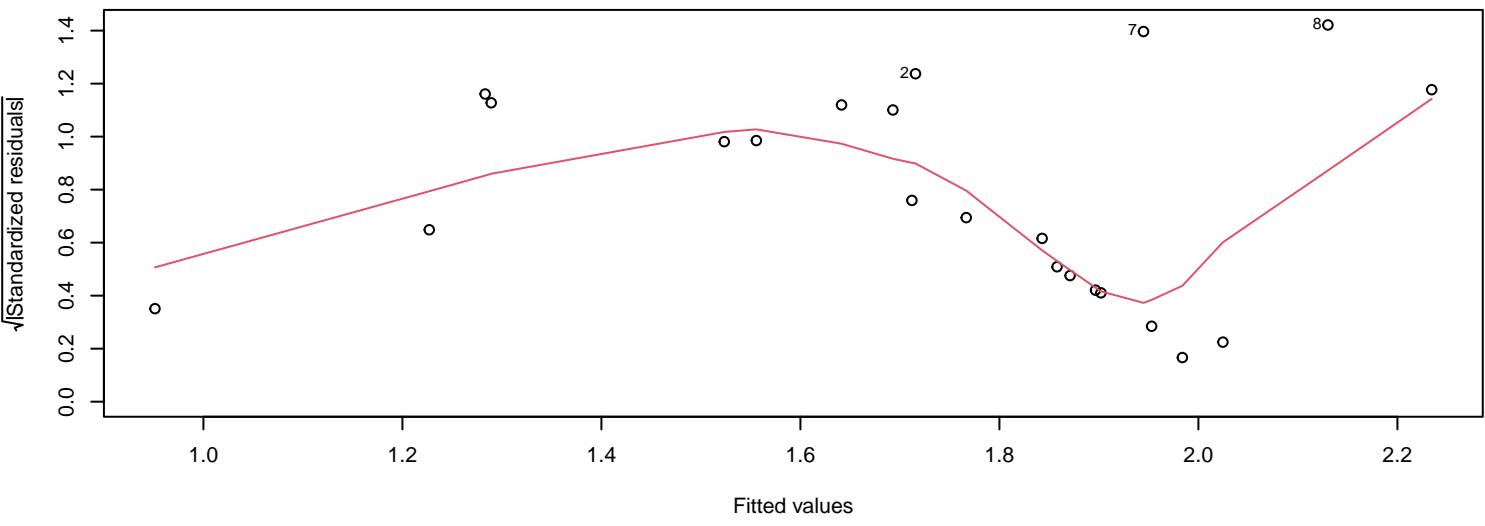
**Residuals vs Fitted: psqi\_disturbances ~ sfpa\_sum**  
Residuals vs Fitted



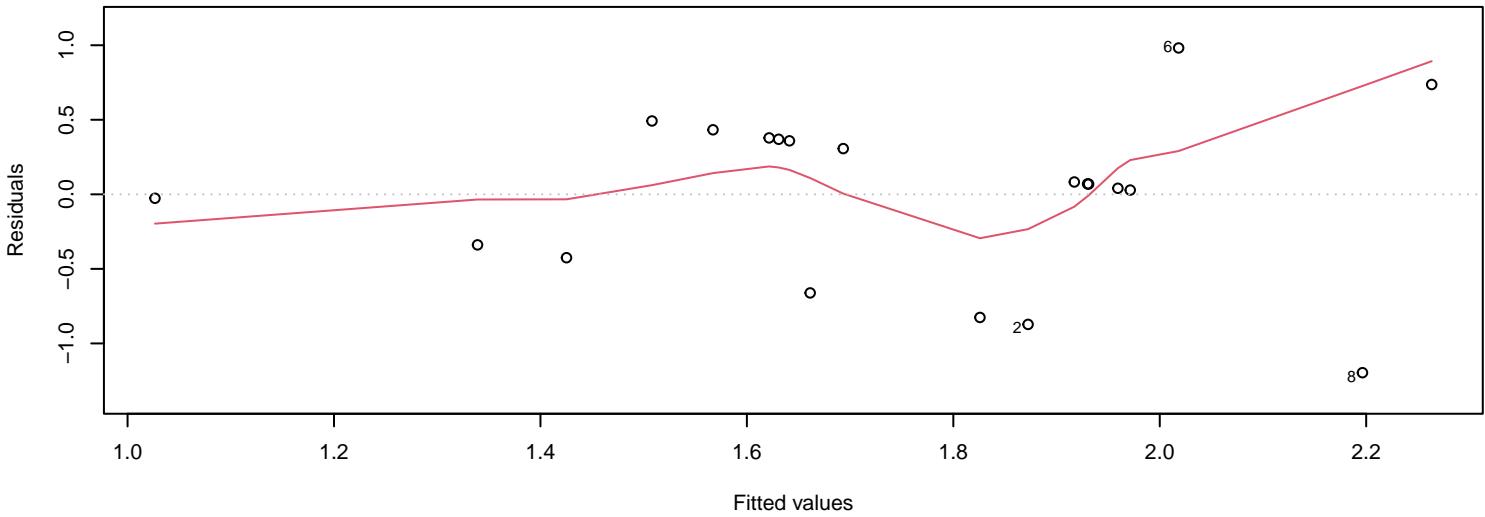
**Normal Q-Q: psqi\_disturbances ~ sfpa\_sum**  
Q-Q Residuals



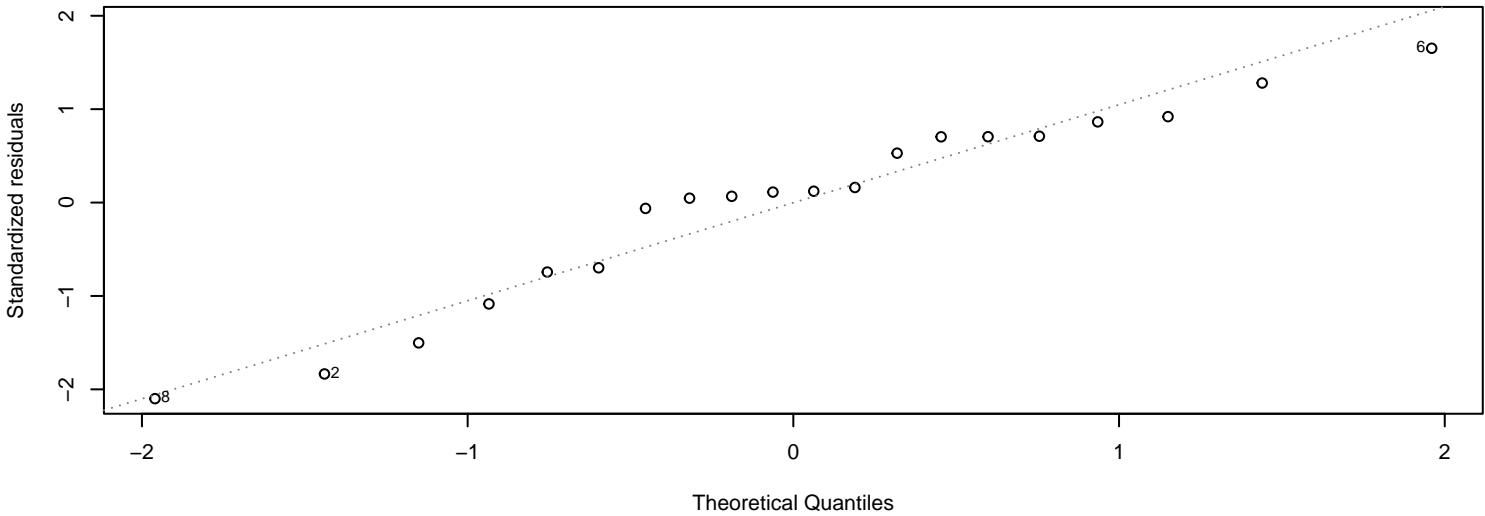
**Scale–Location: psqi\_disturbances ~ sfpa\_sum**  
Scale–Location



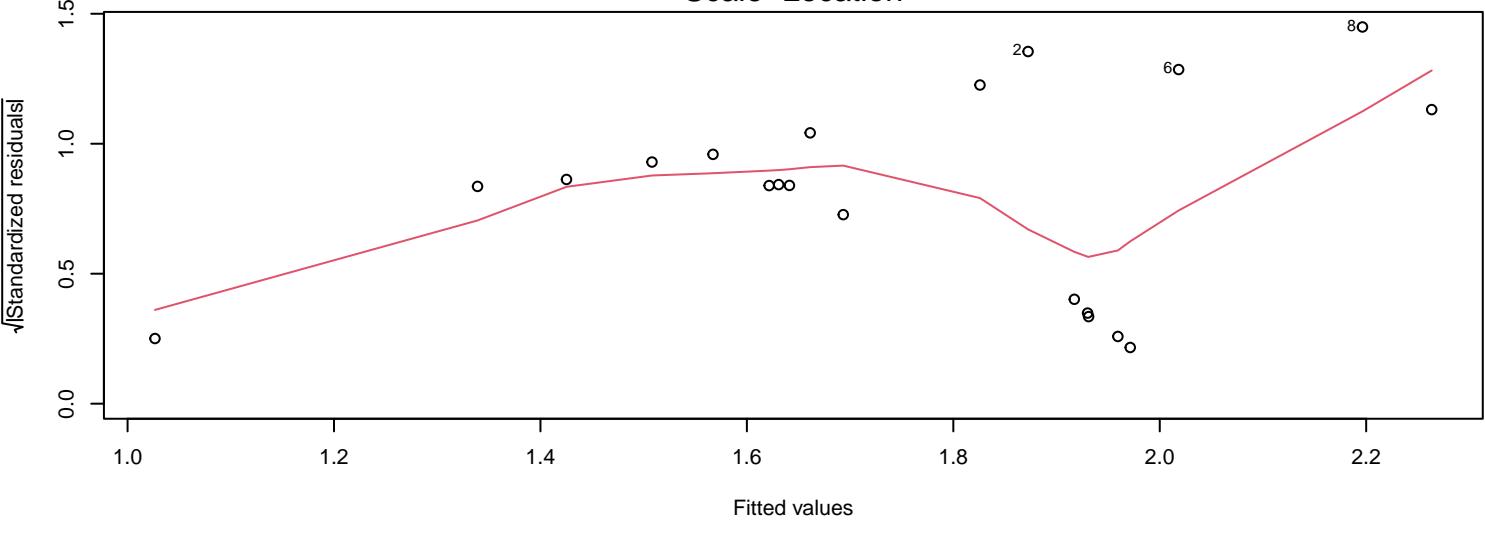
**Residuals vs Fitted: psqi\_disturbances ~ cpct\_ve**  
Residuals vs Fitted



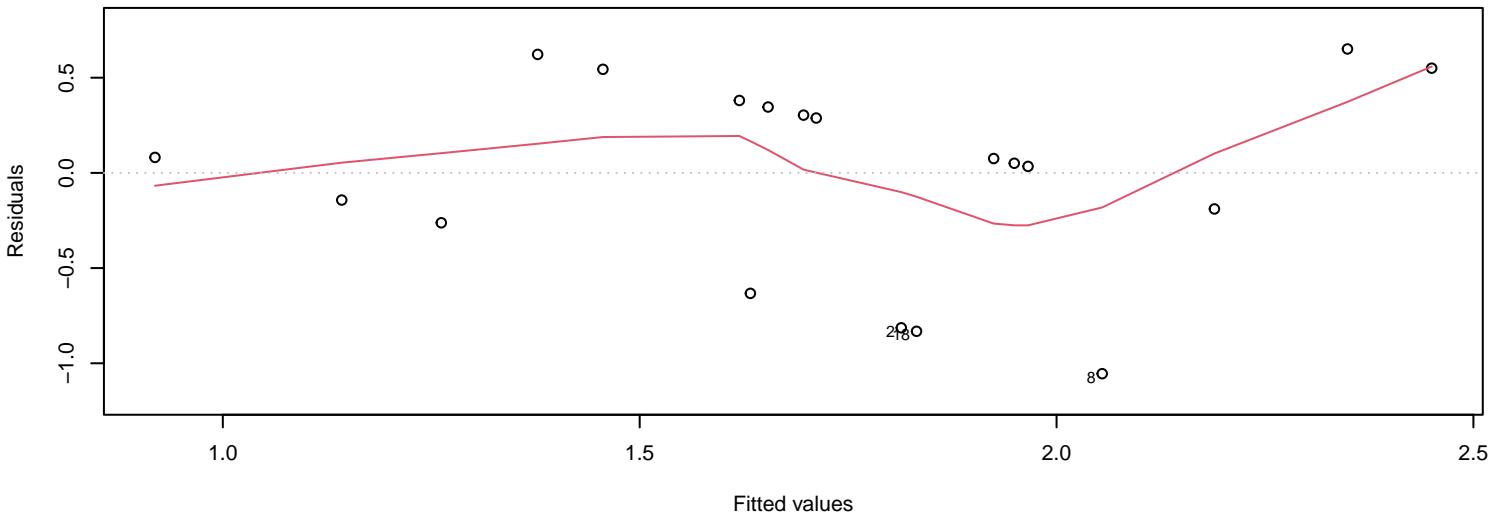
**Normal Q-Q: psqi\_disturbances ~ cpct\_ve**  
Q-Q Residuals



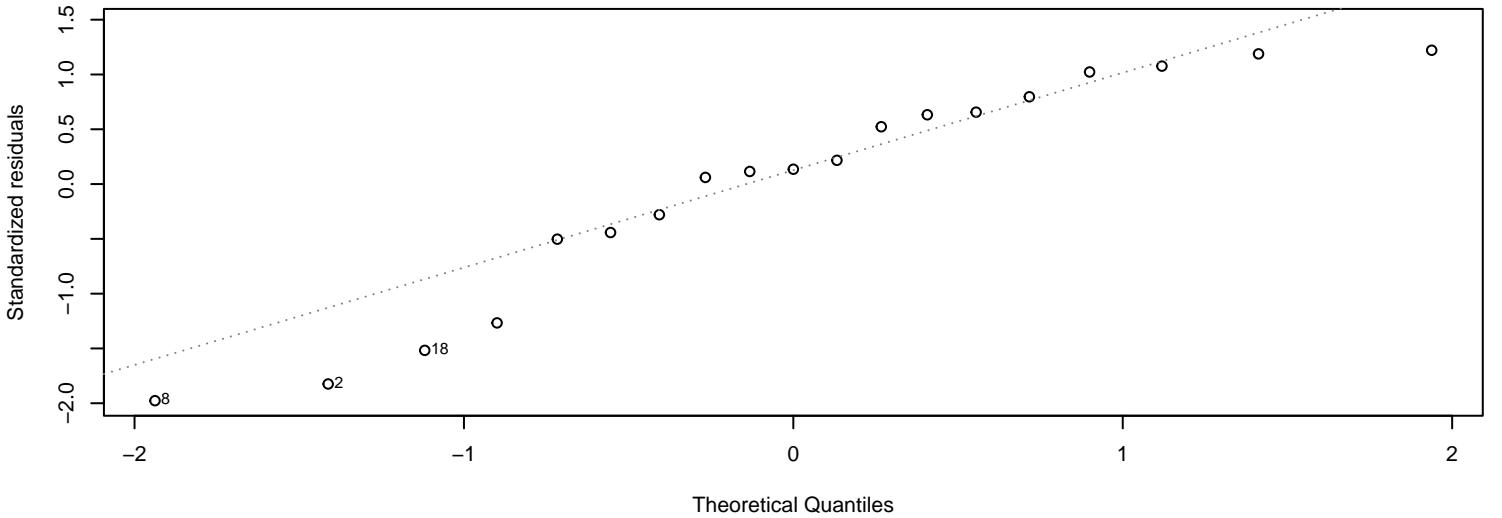
**Scale-Location: psqi\_disturbances ~ cpct\_ve**  
Scale-Location



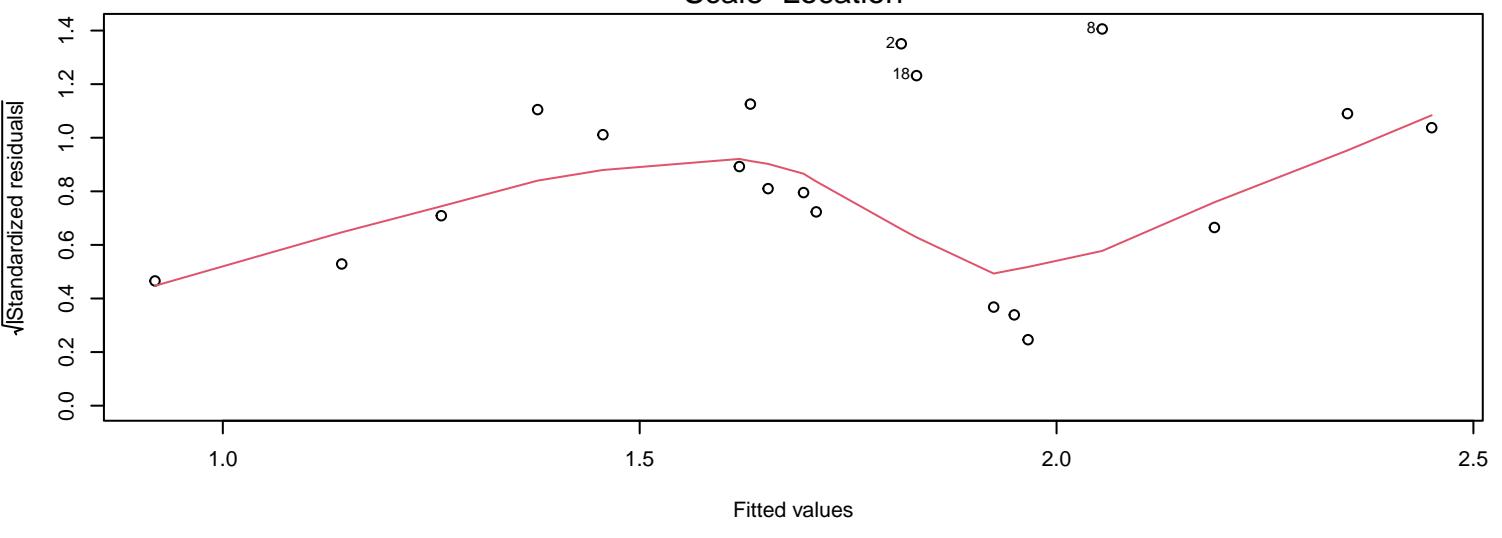
Residuals vs Fitted: psqi\_disturbances ~ hrv\_rmssd  
Residuals vs Fitted



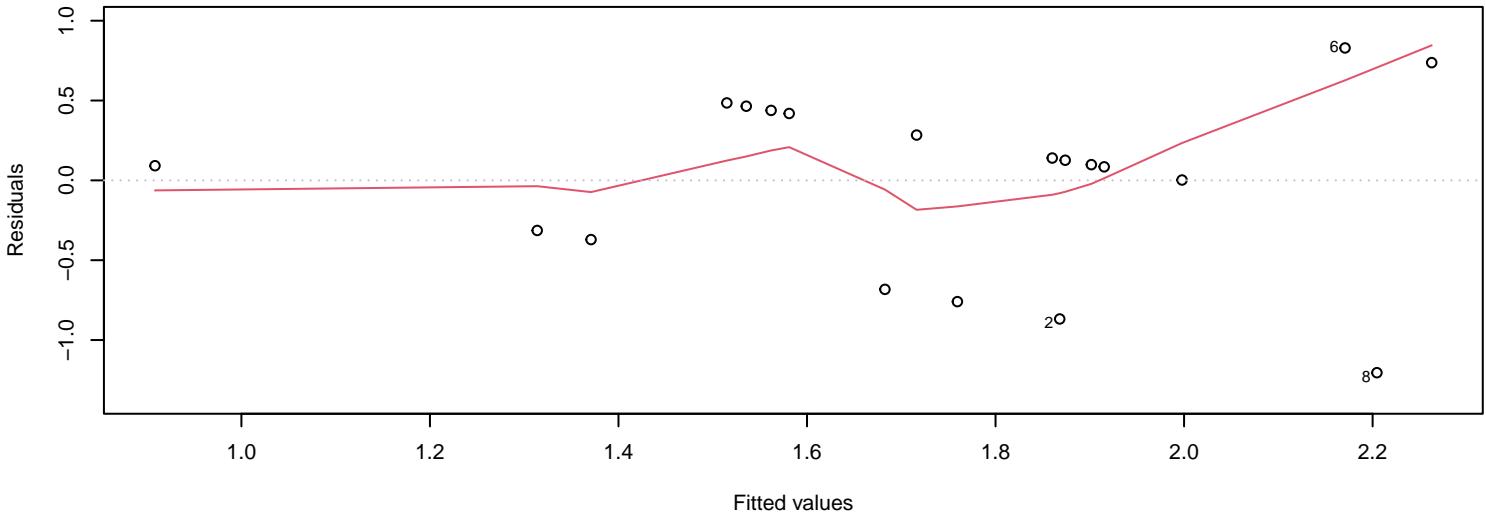
Normal Q-Q: psqi\_disturbances ~ hrv\_rmssd  
Q-Q Residuals



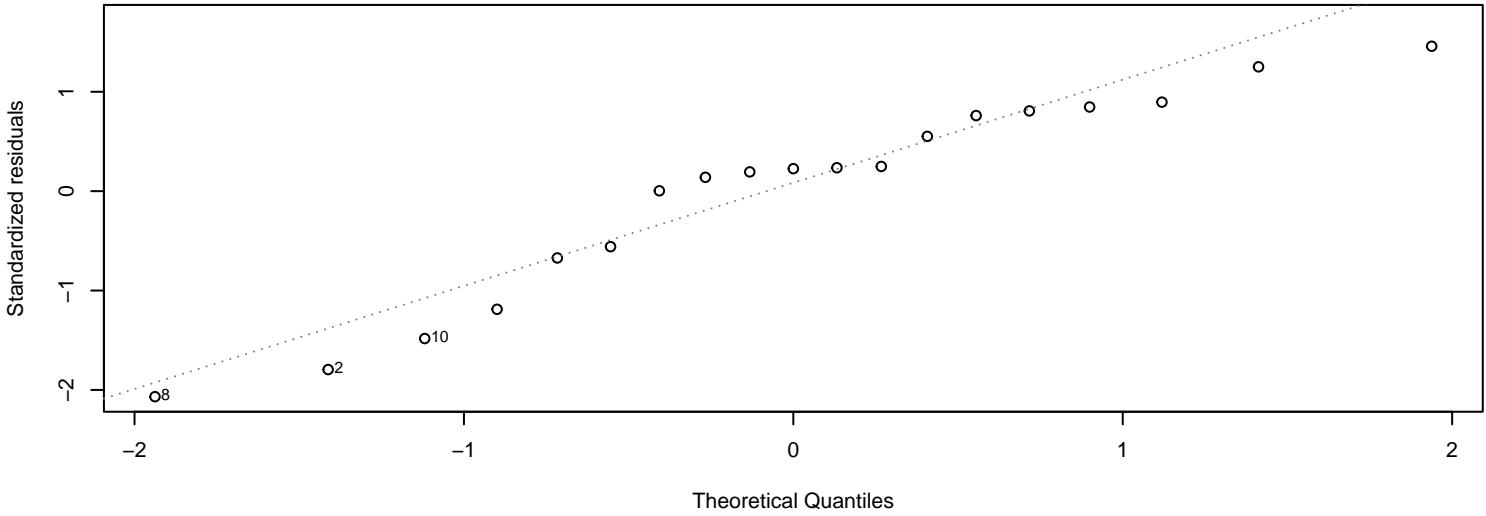
Scale–Location: psqi\_disturbances ~ hrv\_rmssd  
Scale–Location



**Residuals vs Fitted: psqi\_disturbances ~ hrv\_sdnn**  
Residuals vs Fitted



**Normal Q–Q: psqi\_disturbances ~ hrv\_sdnn**  
Q–Q Residuals



**Scale–Location: psqi\_disturbances ~ hrv\_sdnn**  
Scale–Location

