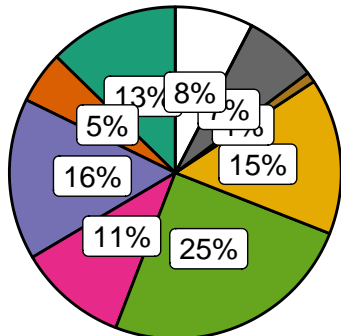


# Distribution of MPAA ratings by film genre

$\chi^2_{\text{Pearson}}(16) = 258.36, p = 9.97\text{e-}46, \hat{V}_{\text{Cramer}} = 0.28, \text{CI}_{95\%} [0.23, 0.30], n_{\text{obs}} = 1,579$

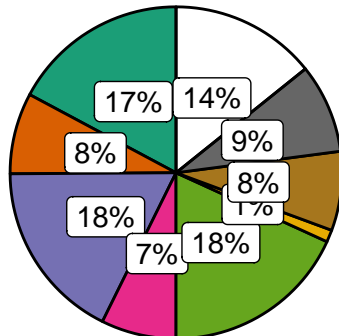
**PG**

$\chi^2_{\text{gof}}(8) = 70.4, p = 4.1\text{e-}12, n = 197$



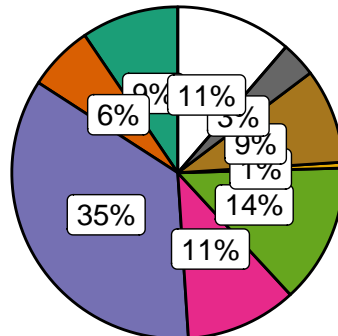
**PG-13**

$\chi^2_{\text{gof}}(8) = 127.2, p = 1.07\text{e-}23, n = 506$



**R**

$\chi^2_{\text{gof}}(8) = 617.45, p = 4.15\text{e-}128, n = 876$



**layout**



MPAA: Motion Picture Association of America

$\log_e(\text{BF}_{01}) = -70.45, \hat{V}_{\text{Cramer}}^{\text{posterior}} = 0.29, \text{CI}_{95\%}^{\text{HDI}} [0.25, 0.33], a_{\text{Gunel-Dickey}} = 1.00$