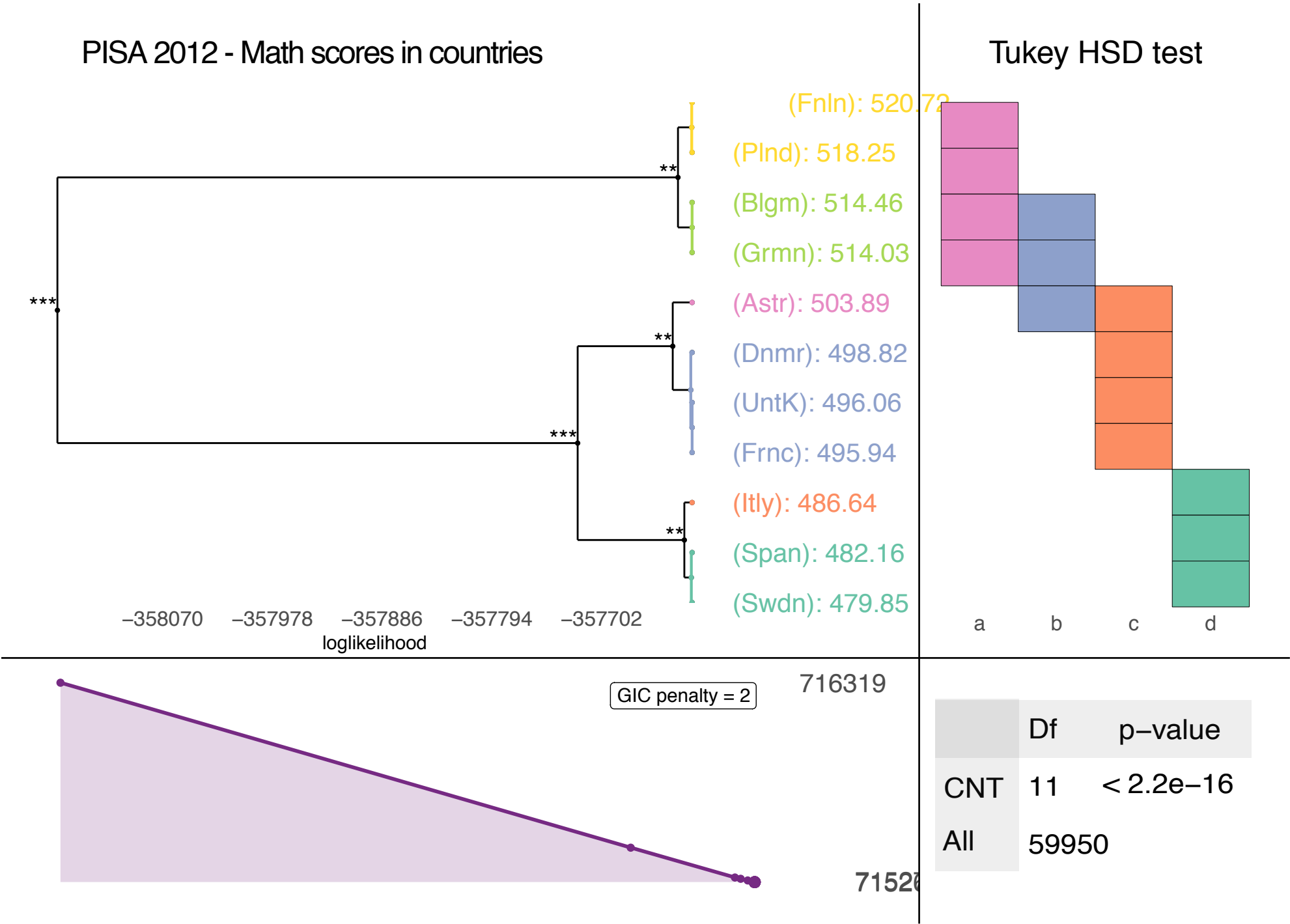## A. The Merging Paths Plot panel

Shows the hierarchical structure of similarity between groups.
Stars presents how significant are differences between two clusters.
Height of the join corresponds to the likelihood of the combined model.

B. The response panel

Shows graphical summaries for group separately.
Use the responsePanel argument to select the desired summary.

PISA 2012 - Math scores in countries

Tukey HSD test

(Fnln): 520.73
(Plnd): 518.25
(Blgm): 514.46
(Grmn): 514.03
(Astr): 503.89
(Dnmr): 498.82
(UntK): 496.06
(Frnc): 495.94
(Itly): 486.64
(Span): 482.16
(Swdn): 479.85

−358070   −357978   −357886   −357794   −357702
loglikelihood

GIC penalty = 2

716319

71520

	Df	p–value
CNT	11	< 2.2e−16
All	59950	

C. The GIC panel

Shows the *Generalized Information Criterion* for all models in MPP panel.
Default *penalty=2* corresponds to the AIC criterion.
Colours in the MPP panel corresponds to the optimal model.

D. The summary panel

Shows the no. groups, no. observations,
and the p-value for global hypothesis
that parameter of interest is equall in all groups.