

# (W Australia fish diets)

Re-open the workspace **WA fish ws** from C:\Examples v7\WA fish diets, which will provide an example where a 3-d MDS is necessary to get a reliable feel for the multivariate structure. The workspace **WA fish ws** should contain a data sheet **Data2** of the dietary assemblage of (pooled) guts of 7 marine fish species from W Australia, with uneven numbers of replicate pools per species. If not available, open **WA fish diets %vol.pri**; the **Data2** sheet simply excluded three samples, A9, B3, B4, which had much lower total gut content than the remaining 65 pools – see Section 3 on deselecting samples. Take **Pre-treatment>Standardise>**(Standardise•Samples) & (By•Total) and transform the result with **Pre-treatment>Transform(overall)>**(Transformation: **Square root**) and **Analyse>Resemblance>**(Measure•Bray-Curtis similarity), renaming this **WA B-C sim**.

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Revision #3

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