

Figure 1: Bar chart showing frequency of use of the factors in the nine categories. The mean value, one and two standard deviations are indicated with solid, dotted, and dashed black lines respectively. The boxplots show the distribution with the median marked with a fish eye.

Using the one-sample Kolmogorov-Smirnov test in MatLab, the data was tested for belonging to a normal distribution. Table 1 gives the probability for the null hypothesis that the samples came from a normal distribution to be true. The categories *LowSing* and *LowMult* have the lowest probabilities of 26 and 55 % respectively. For the usage of terms, the lowest probability is for *Robustness* and *Preparedness* with 23 and 76 % respectively.

Table 1: Probabilities (P-values) for the different samples to belong to a normal distribution.

| Sample     | Probability % | Sample          | Probability % |
|------------|---------------|-----------------|---------------|
| AllSys     | 87.07         | Preparedness    | 76.24         |
| HihgSys    | 85.43         | Threats         | 94.41         |
| LowSys     | 82.96         | Vulnerability   | 88.01         |
| MultSys    | 86.24         | Sensitivity     | 82.62         |
| SingSys    | 98.30         | Dependency      | 87.88         |
| HighSing   | 78.21         | Mitigation      | 98.46         |
| HighMult   | 82.29         | Flexibility     | 99.71         |
| LowSing    | 26.40         | Diversification | 79.36         |
| LowMult    | 55.53         | Robustness      | 23.47         |
|            |               | Response        | 87.54         |
|            |               | React           | 83.31         |
|            |               | Redundancy      | 91.74         |
| Dependency |               | Recovery        | 96.77         |
|            |               | Restoration     | 94.45         |
|            |               |                 |               |

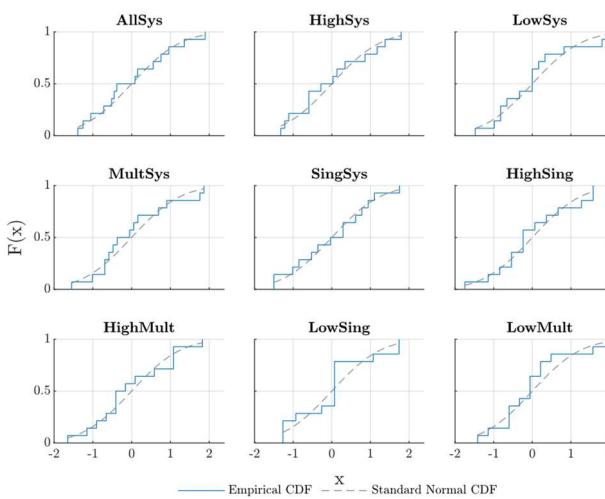


Figure 2: Cumulative distribution function (CDF) for the nine categories together with a standard normal CDF.

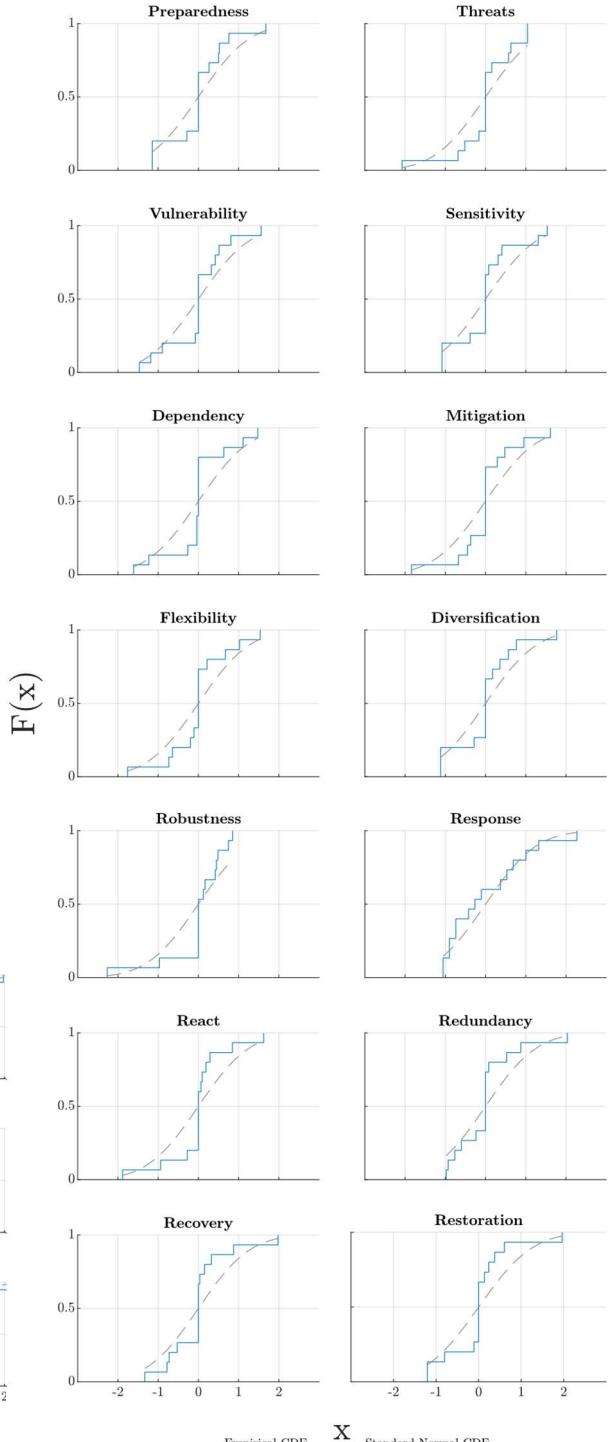


Figure 3: Cumulative distribution function (CDF) of the usage of the 14 terms within the nine categories together with a standard normal CDF.

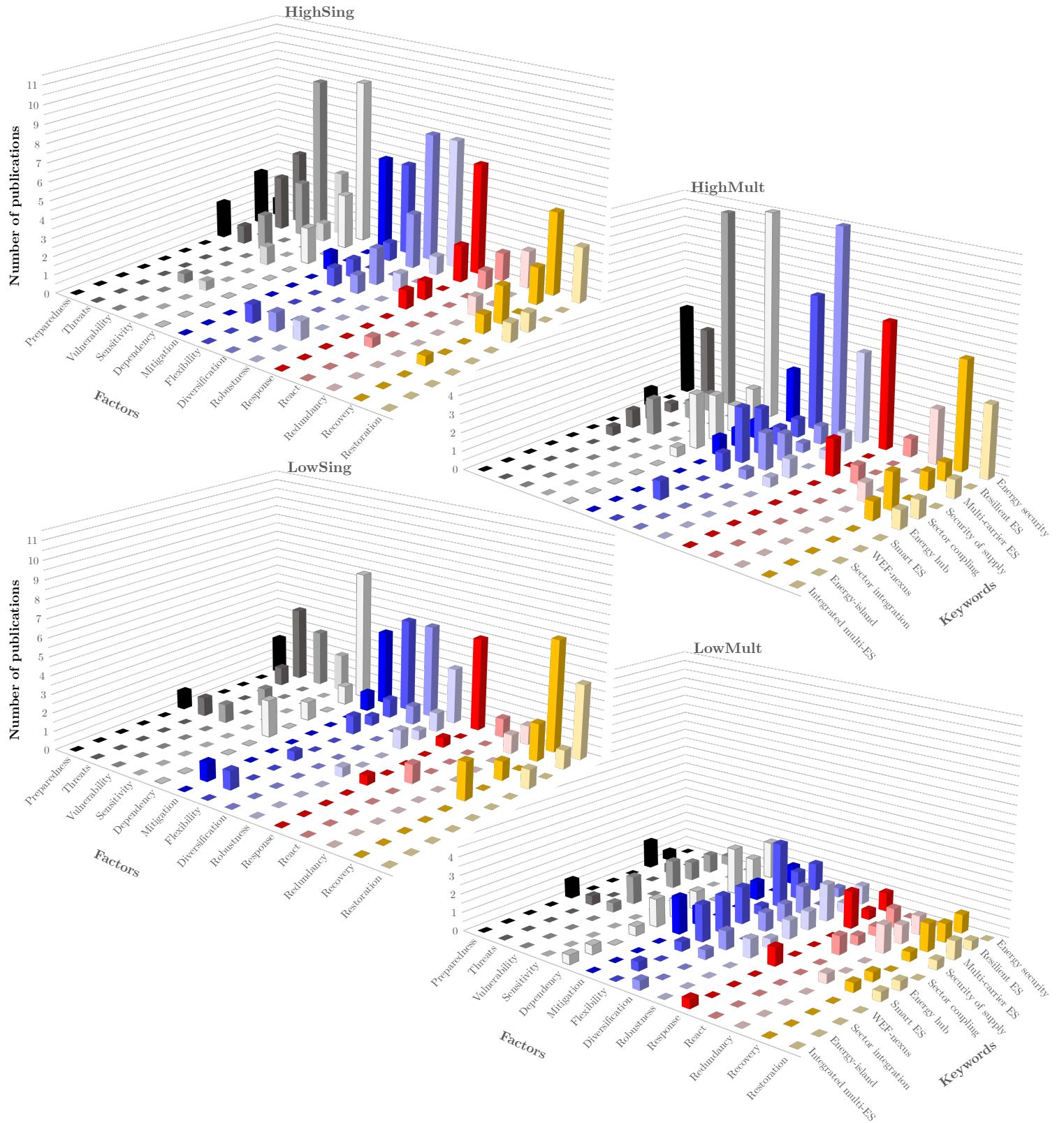


Figure 4: Distribution of how the Factors have been considered relative the studies used keywords for all high-resolution categories. Note the heterogenous distribution in particularly in LowMult, indicating a less conform research foci as for high level and single energy-carrier system studies.

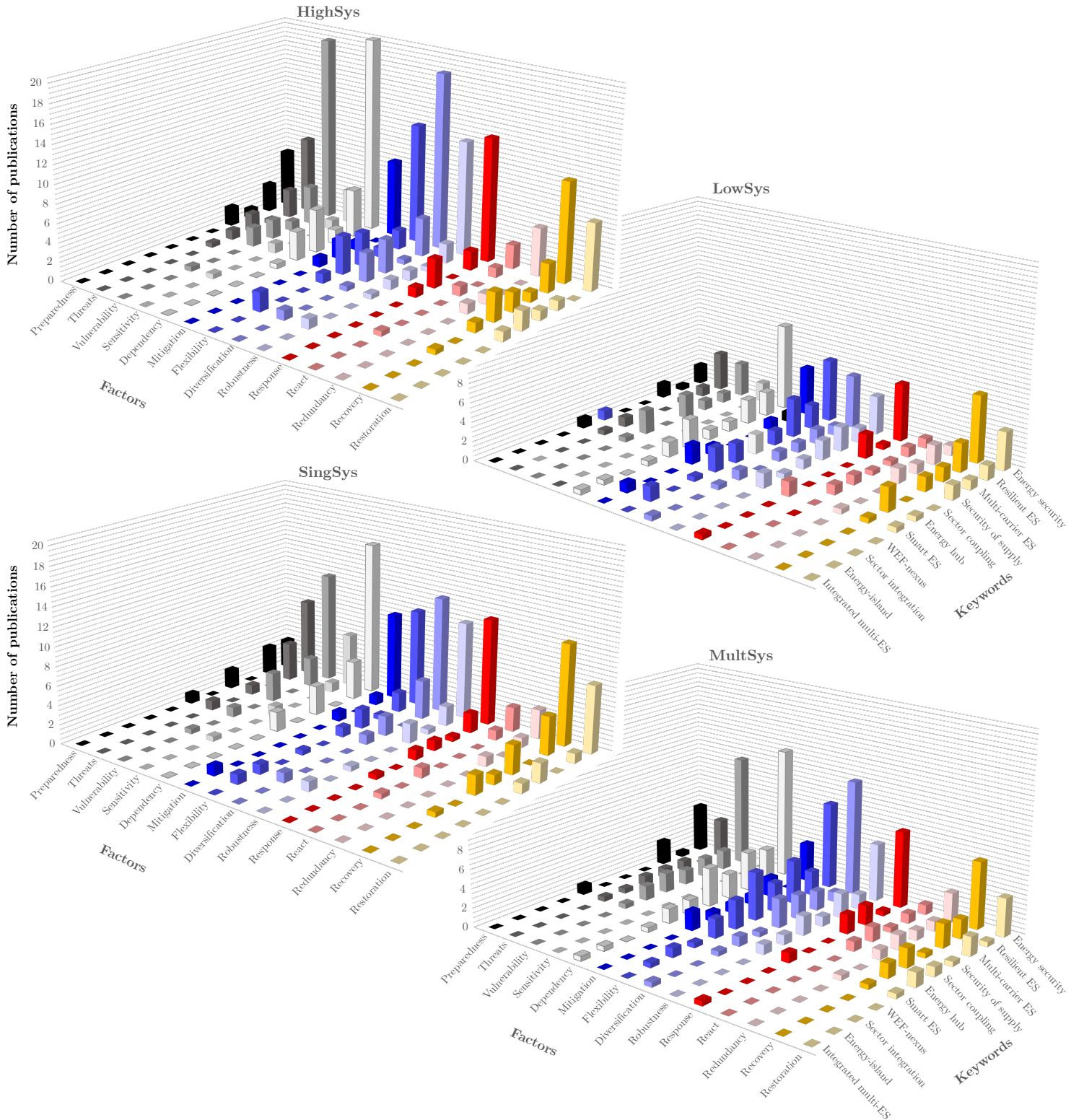


Figure 5: Distribution of how the Factors have been considered relative the studies used keywords for all high-resolution categories. Note the heterogenous distribution in LowSys, indicating a less conform research foci as for high level and single energy-carrier system studies.

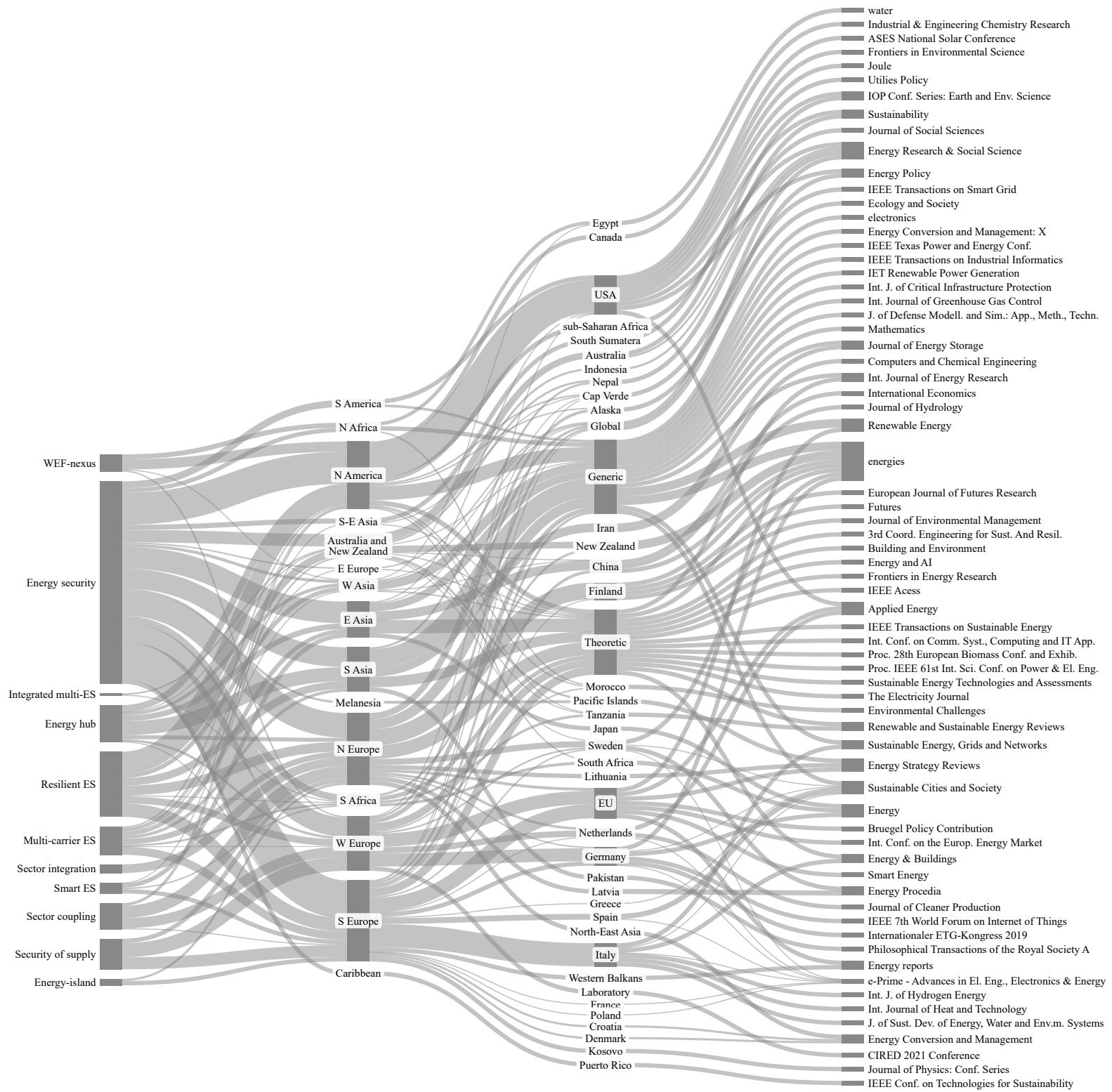


Figure 6: Sankey-diagram showing the distribution of the selected papers. The first node shows distribution between the used keywords, second node the geographical belonging to the affiliation of the paper's authors. The third node show distribution of the studies and the last node shows the journal of publication.

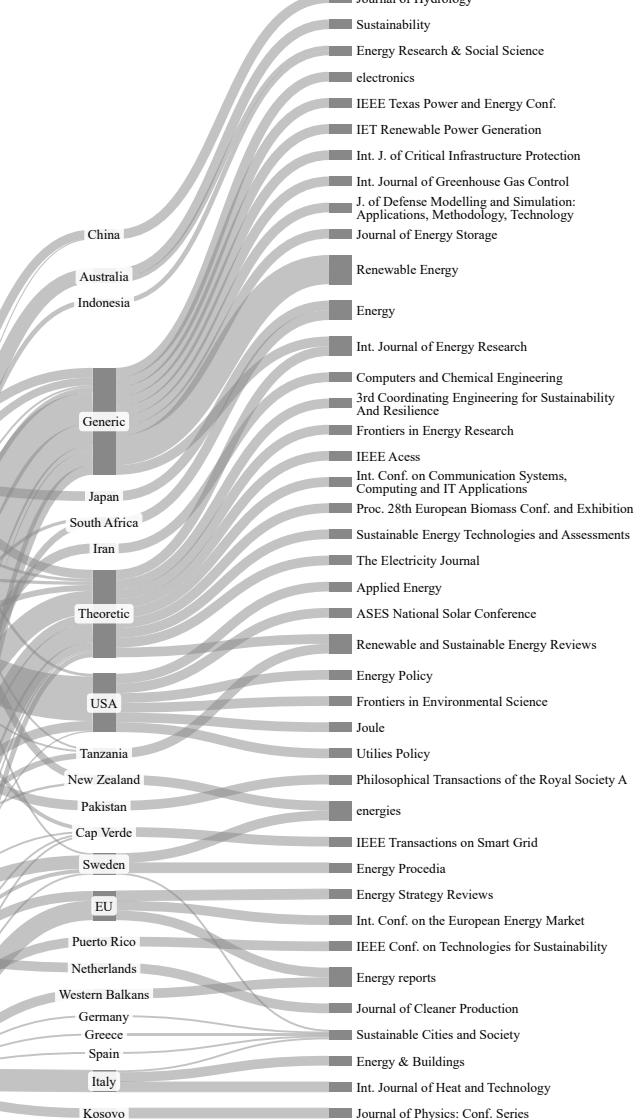
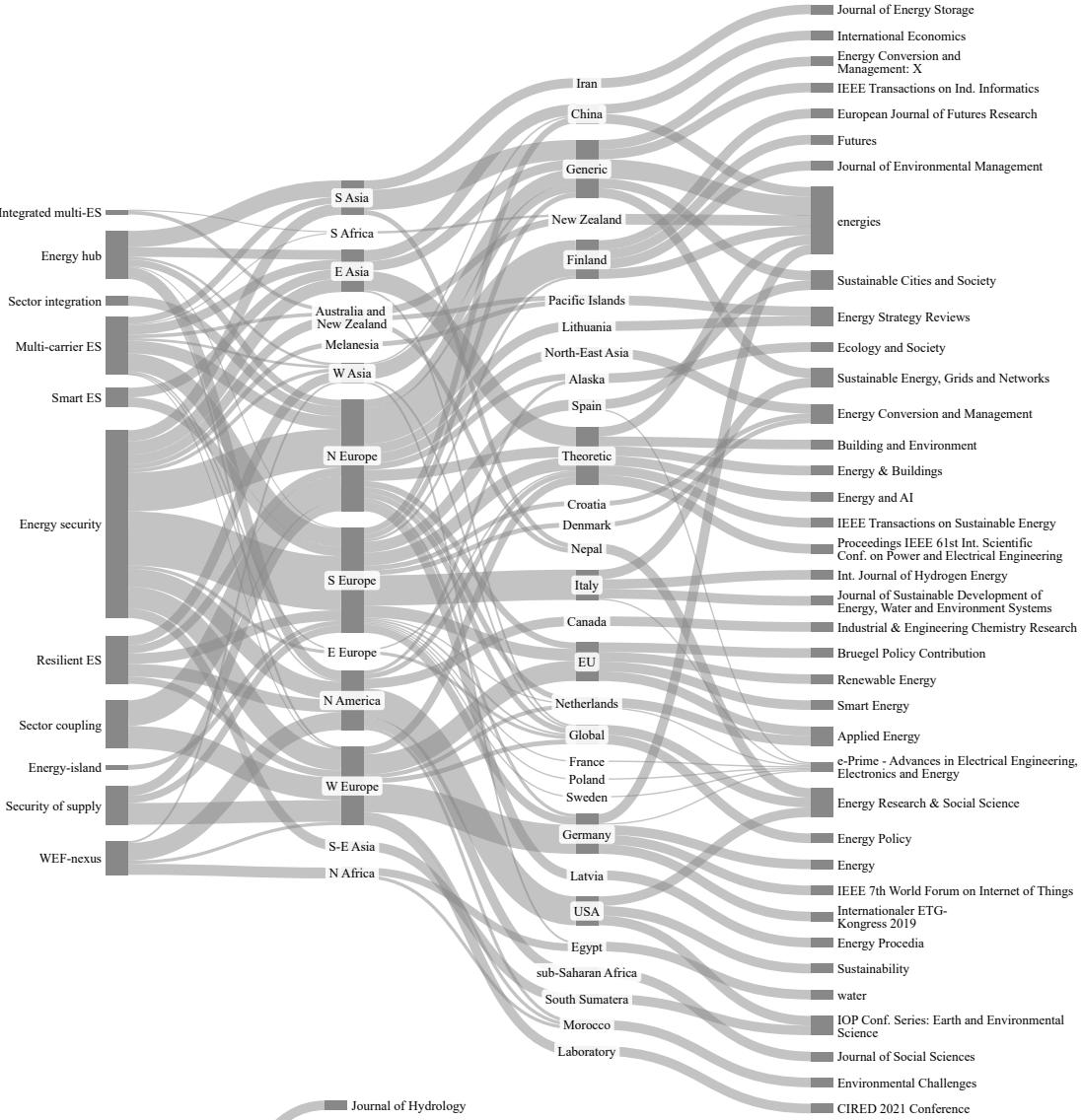
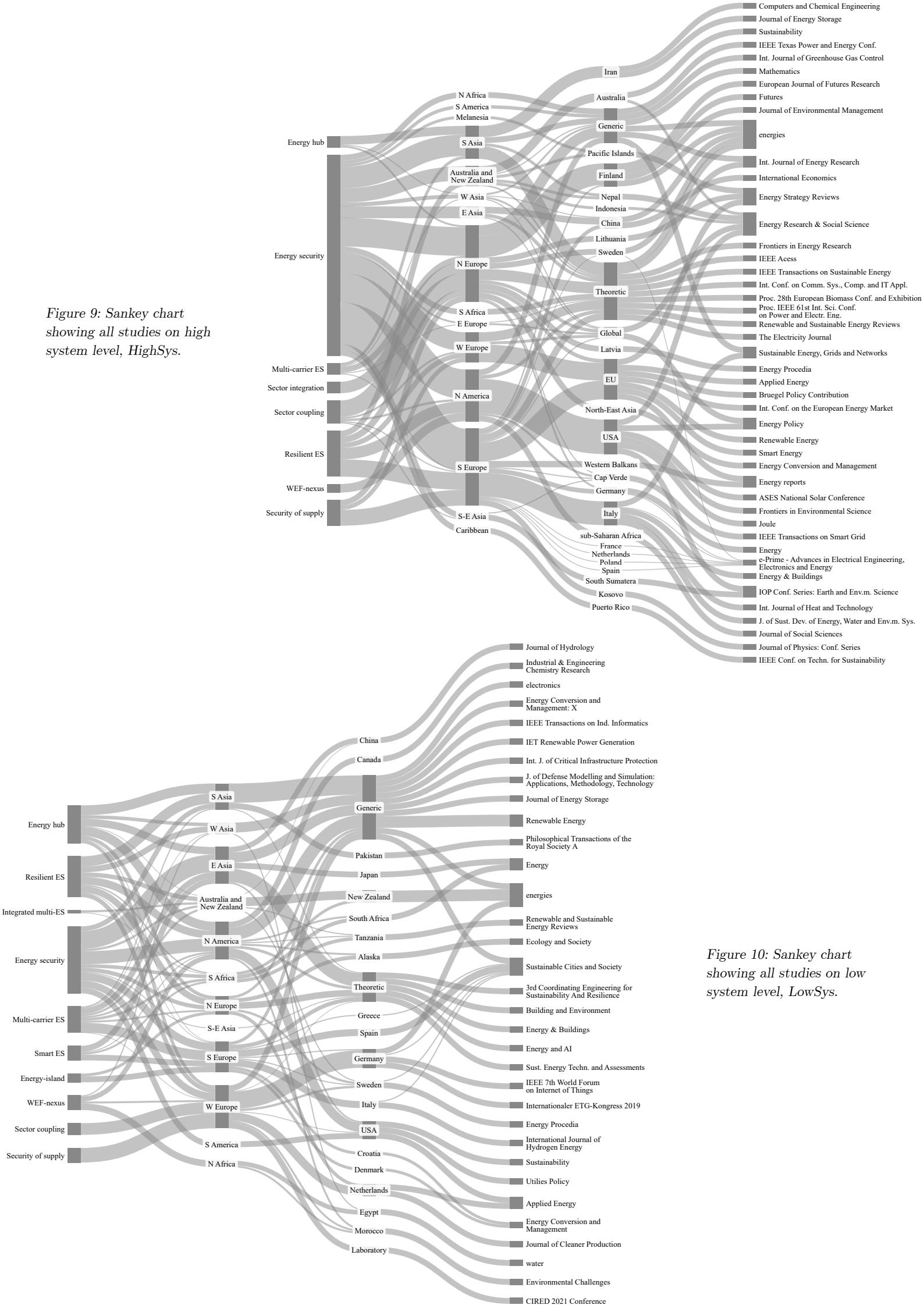


Figure 8: Sankey chart showing all studies on single energy carrier systems, SingSys.



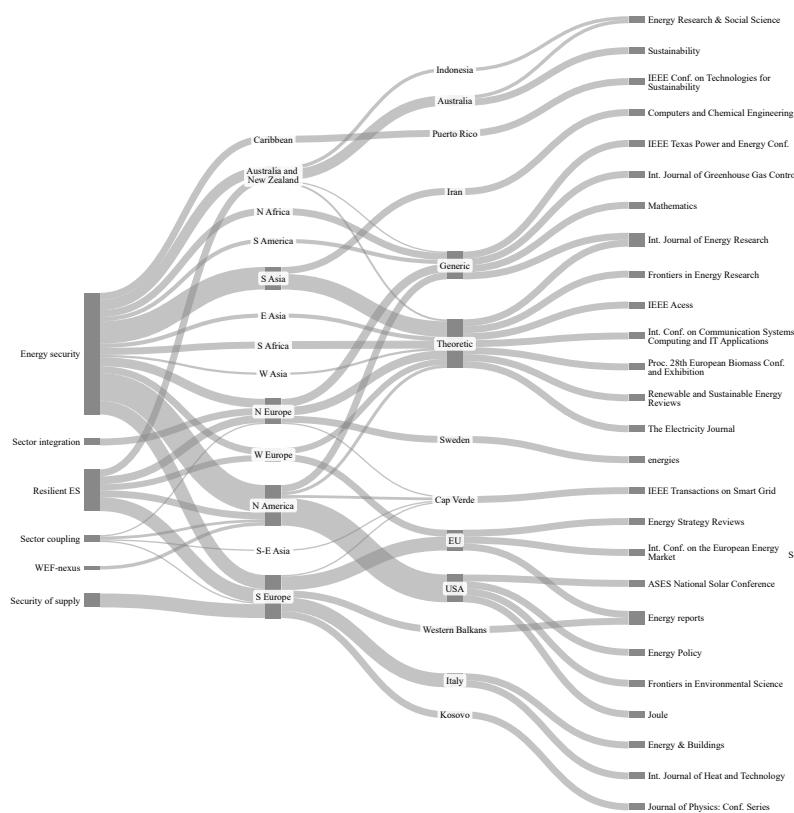


Figure 11: Sankey chart showing studies in the category HighSing, high system level containing a single energy system.

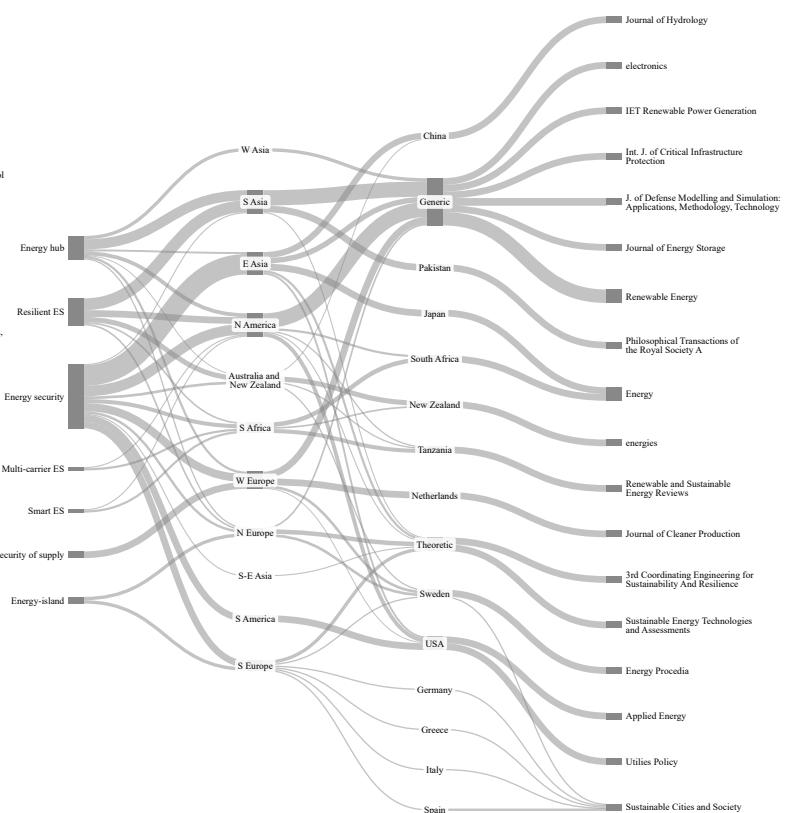


Figure 12: Sankey chart showing studies in the category LowSing, low system level containing a single energy system.

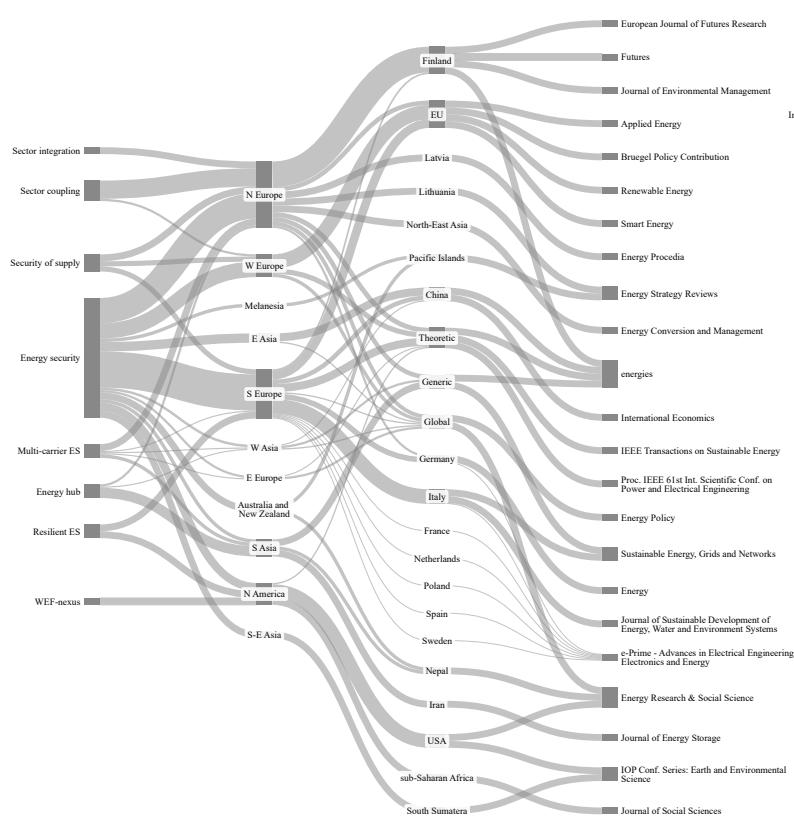


Figure 13: Sankey chart showing studies in the category HighMult, high system level containing more than one type of energy carrier system.

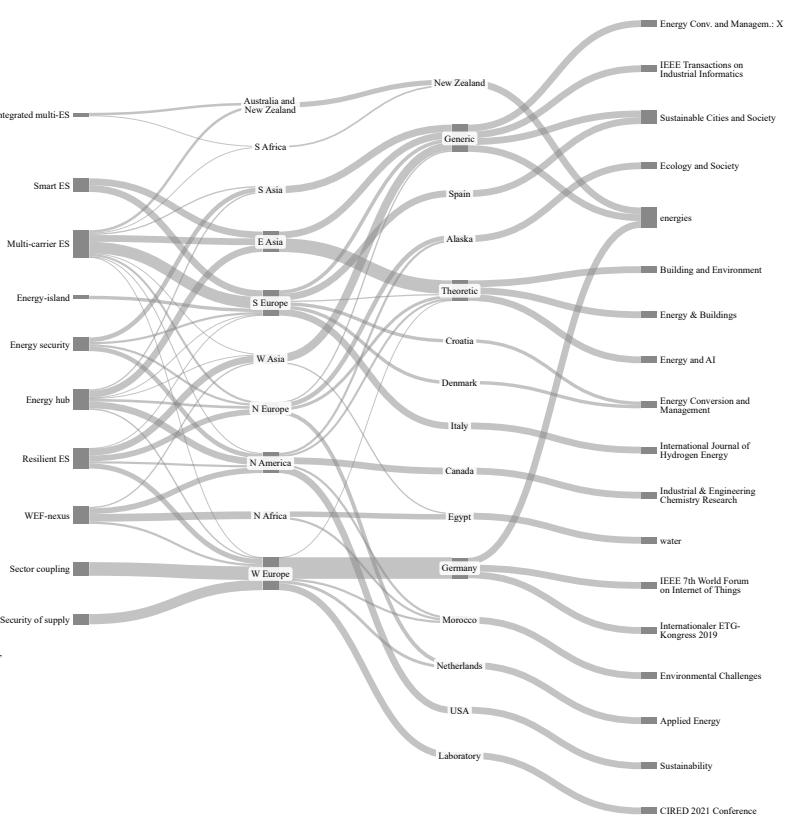


Figure 14: Sankey chart showing studies in the category LowMult, low system level containing more than one type of energy carrier system.

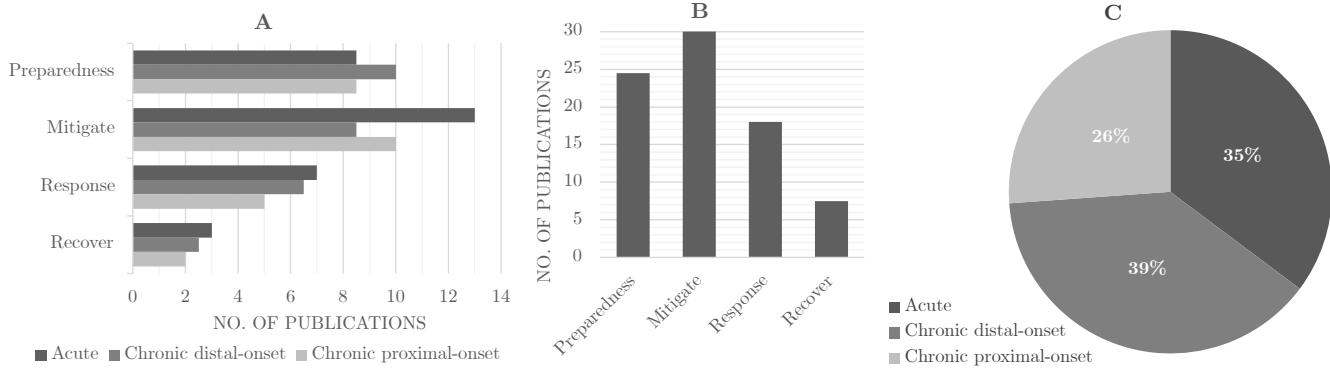


Figure 15: Distribution between type of adversity and phase of the resilience process that the reviewed publications in *MultSys* evaluations were associated with.

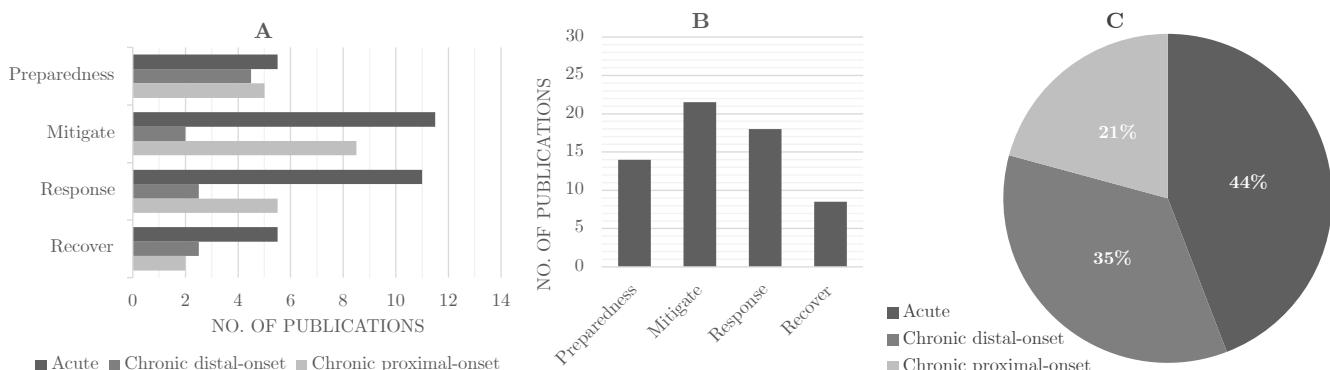


Figure 16: Distribution between type of adversity and phase of the resilience process that the reviewed publications in *LowSys* evaluations were associated with.

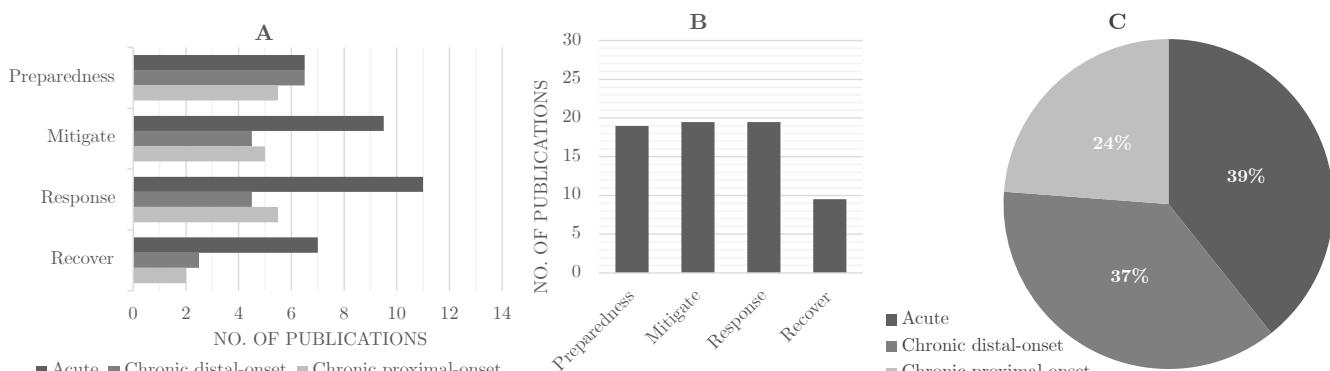


Figure 17: Distribution between type of adversity and phase of the resilience process that the reviewed publications in *SingSys* evaluations were associated with.

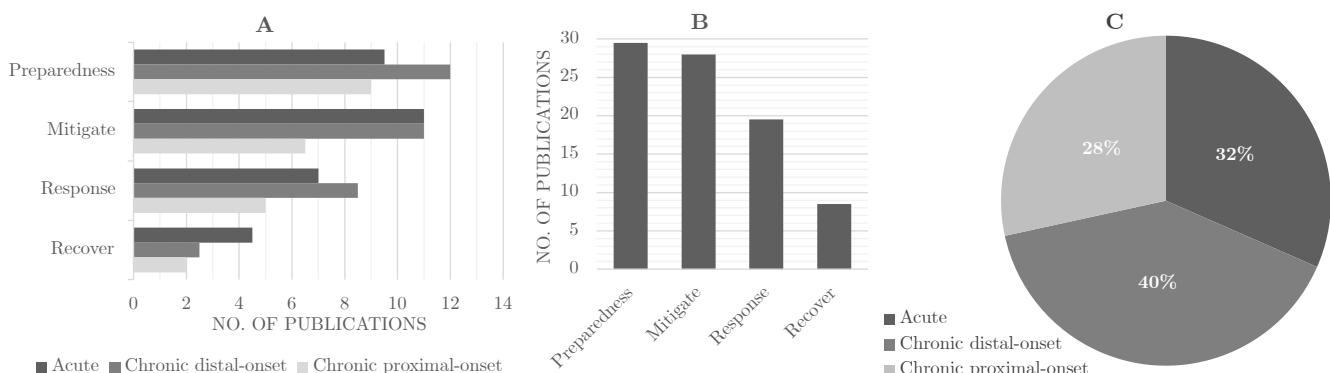


Figure 18: Distribution between type of adversity and phase of the resilience process that the reviewed publications in *HighSys* evaluations were associated with.