*Out-of-Sample Validation*

* Survival Analysis (Cox Proportional Hazards Models)
* Sensitivity Analyses

*Dietary Patterns Extraction*

* Penalized Logistic Regression *n* = 748
* Principal Components Analysis *nfi* = 104

*Testing Subsample (70%)*

*n* = 1745

*nfi* = 213

*Training Subsample (30%)*

*n* = 748

*nfi* = 104

*Food Insecure Survivors*

*n* = 317

*Food Secure Survivors*

*n* = 2176

Cancer survivors eligible for analysis

*n* = 2493

Initial 24-hr Recall Survey Sample (1999-2018)

*n* = 78964

*Exclusion Criteria*

* 24-hour recall survey sub sample weights equal to 0 (*n* = 120)
* Self-reported history of only a non-melanoma skin cancer diagnosis and no other cancer type (*n* = 576)
* Missing age at initial cancer diagnosis (*n*  = 4)

*Further Exclusions*

* Missing covariate or linked mortality data (*n* = 886)

*Inclusion Criteria*

* Age ≥ 20 years
* Self-reported history of cancer

Satisfied Inclusion Criteria

*n* = 4079

Satisfied Exclusion Criteria

*n* = 3379