PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>

PREFIX owl: <http://www.w3.org/2002/07/owl#>

PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>

PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

PREFIX onto: <http://www.semanticweb.org/asifcomputer/ontology/2025/ui\_ux\_automation#>

SELECT ?method ?accuracy

WHERE {

?method onto:investigatesPersona onto:ElderlyLowTechUser ;

onto:hasAccuracyRating ?accuracy .

FILTER (?accuracy >= 4)

}

By encoding research methods, personas, and accuracy ratings in our ontology, we can **automatically select**—via SPARQL or a DL-query—the optimal user-research approach for any target group. In a live UI/UX automation pipeline, this means: