

Tukey's multiple comparisons test

* Statistically significant at $p \leq 0.05$, ** for $p \leq 0.01$, *** for $p \leq 0.001$, **** for $p \leq 0.0001$, ns-not statistically significant at $p \leq 0.05$

	BSA fructosamine	HSA fructosamine	BSA AGE	HSA AGE	BSA carbonyl group	HSA carbonyl group	BSA thiol group	HSA thiol group	BSA Thioflavin T - β amyloid	HSA Thioflavin T - β amyloid	BSA Congo red - β amyloid	HSA Congo red - β amyloid
CONTROL - VS. CONTROL +	****	****	****	****	****	****	****	****	****	****	****	****
CONTROL - VS. R.J. ACETONE	****	****	****	****	**	ns	****	****	****	ns	****	ns
CONTROL - VS. R.J. DICHLOROMETHANE	****	****	****	****	****	****	****	****	****	**	****	****
CONTROL - VS. R.J. DIETHYL ETHER	****	****	****	****	ns	****	****	****	****	*	****	****
CONTROL - VS. R.J. ETHYL ACETATE	****	****	****	****	****	ns	****	****	****	***	****	ns
CONTROL - VS. R.J. BUTANOL	****	****	****	****	****	****	****	****	****	ns	****	****
CONTROL - VS. R.S. ACETONE	****	****	****	****	**	****	****	****	****	**	****	ns
CONTROL - VS. R.S. DICHLOROMETHANE	****	****	****	****	****	****	****	****	****	****	****	****
CONTROL - VS. R.S. DIETHYL ETHER	****	****	****	****	****	****	****	****	****	ns	****	ns
CONTROL - VS. R.S. ETHYL ACETATE	****	ns	****	***	ns	**	****	****	****	***	****	ns
CONTROL - VS. R.S. BUTANOL	****	****	****	****	****	****	****	****	****	ns	****	**

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R.J. ACETONE VS. R.S. DIETHYL ETHER	****	****	****	**	****	****	****	****	****	ns	****	ns
R.J. ACETONE VS. R.S. ETHYL ACETATE	****	****	****	****	ns	ns	****	****	****	ns	****	ns
R.J. ACETONE VS. R.S. BUTANOL	****	****	****	****	****	****	****	****	****	***	****	ns
R.J. ACETONE VS. R. X B. ACETONE	****	ns	****	ns	****	ns	****	****	****	ns	****	ns
R.J. ACETONE VS. R. X B. DICHLOROMETHANE	****	****	****	****	****	****	****	****	****	**	****	*
R.J. ACETONE VS. R. X B. DIETHYL ETHER	ns	ns	****	****	****	***	****	****	****	ns	****	ns
R.J. ACETONE VS. R. X B. ETHYL ACETATE	****	****	****	****	****	ns	****	****	****	ns	****	ns
R.J. ACETONE VS. R. X B. BUTANOL	****	****	****	****	****	****	****	****	ns	ns	****	ns
R.J. ACETONE VS. RESVERATROL	****	****	****	****	ns	****	****	****	****	*	****	ns
R.J. ACETONE VS. AMINOGUANIDINE	****	****	****	****	**	****	****	*	****	ns	****	ns
R.J. DICHLOROMETHANE VS. R.J. DIETHYL ETHER	****	****	****	****	****	****	****	ns	****	ns	****	*
R.J. DICHLOROMETHANE VS. R.J. ETHYL ACETATE	****	****	****	****	****	****	****	****	****	****	****	****
R.J. DICHLOROMETHANE VS. R.J. BUTANOL	****	****	****	ns	****	**	****	ns	****	***	****	ns

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VS. R. X B. ETHYL ACETATE												
R.J. DICHLOROMETHANE VS. R. X B. BUTANOL	****	****	****	ns	****	ns	****	ns	****	****	****	****
R.J. DICHLOROMETHANE VS. RESVERATROL	****	****	****	****	****	****	****	****	****	****	****	****
R.J. DICHLOROMETHANE VS. AMINOGUANIDINE	****	****	****	****	****	****	****	****	****	****	****	****
R.J. DIETHYL ETHER VS. R.J. ETHYL ACETATE	****	****	****	****	****	**	****	****	****	****	****	***
R.J. DIETHYL ETHER VS. R.J. BUTANOL	**	****	****	****	****	**	****	****	****	**	****	ns
R.J. DIETHYL ETHER VS. R.S. ACETONE	****	****	****	****	*	ns	****	****	****	****	****	****
R.J. DIETHYL ETHER VS. R.S. DICHLOROMETHANE	****	****	****	****	****	****	****	****	****	ns	***	ns
R.J. DIETHYL ETHER VS. R.S. DIETHYL ETHER	****	****	****	****	****	****	****	ns	****	****	****	*
R.J. DIETHYL ETHER VS. R.S. ETHYL ACETATE	****	****	****	****	*	ns	****	****	****	****	****	***
R.J. DIETHYL ETHER VS. R.S. BUTANOL	****	****	****	****	****	****	****	****	****	ns	****	ns

R.J. DIETHYL ETHER VS. R. X B. ACETONE	****	****	****	****	****	ns	****	****	****	****	****	****
R.J. DIETHYL ETHER VS. R. X B. DICHLOROMETHANE	****	****	****	****	****	****	****	****	****	ns	****	ns
R.J. DIETHYL ETHER VS. R. X B. DIETHYL ETHER	****	****	****	****	****	ns	****	ns	****	****	****	****
R.J. DIETHYL ETHER VS. R. X B. ETHYL ACETATE	****	****	****	****	ns	ns	****	****	****	****	****	****
R.J. DIETHYL ETHER VS. R. X B. BUTANOL	ns	**	****	ns	****	****	****	*	****	****	****	ns
R.J. DIETHYL ETHER VS. RESVERATROL	****	****	****	****	****	****	****	****	****	****	****	****
R.J. DIETHYL ETHER VS. AMINOGUANIDINE	****	****	****	****	****	****	****	****	****	****	****	****
R.J. ETHYL ACETATE VS. R.J. BUTANOL	****	****	****	****	****	****	****	****	****	**	****	**
R.J. ETHYL ACETATE VS. R.S. ACETONE	****	****	****	*	****	****	****	****	ns	ns	****	ns
R.J. ETHYL ACETATE VS. R.S. DICHLOROMETHANE	ns	****	****	****	****	****	****	****	****	****	****	**
R.J. ETHYL ACETATE VS. R.S. DIETHYL ETHER	****	****	****	ns	****	****	****	****	ns	ns	****	ns
R.J. ETHYL ACETATE VS. R.S. ETHYL ACETATE	****	****	****	*	ns	ns	****	****	ns	ns	****	ns

R.J. ETHYL ACETATE VS. R.S. BUTANOL	**	****	****	****	****	****	****	****	****	****	****	ns
R.J. ETHYL ACETATE VS. R. X B. ACETONE	ns	****	****	ns	****	***	****	****	****	ns	****	ns
R.J. ETHYL ACETATE VS. R. X B. DICHLOROMETHANE	****	****	****	****	****	****	****	****	****	****	****	ns
R.J. ETHYL ACETATE VS. R. X B. DIETHYL ETHER	ns	****	****	****	****	****	****	****	****	ns	****	ns
R.J. ETHYL ACETATE VS. R. X B. ETHYL ACETATE	****	ns	****	**	****	ns	****	****	****	ns	****	**
R.J. ETHYL ACETATE VS. R. X B. BUTANOL	****	****	****	****	****	****	****	****	****	ns	****	ns
R.J. ETHYL ACETATE VS. RESVERATROL	****	****	****	****	ns	****	****	****	****	ns	****	ns
R.J. ETHYL ACETATE VS. AMINOGUANIDINE	****	****	****	**	ns	ns	****	****	****	ns	****	*
R.J. BUTANOL VS. R.S. ACETONE	****	****	****	****	****	ns	****	****	****	ns	****	****
R.J. BUTANOL VS. R.S. DICHLOROMETHANE	****	****	****	**	*	****	****	ns	****	****	****	ns
R.J. BUTANOL VS. R.S. DIETHYL ETHER	****	****	****	****	****	ns	ns	ns	****	ns	****	**
R.J. BUTANOL VS. R.S. ETHYL ACETATE	****	****	****	****	****	****	****	****	****	**	****	****
R.J. BUTANOL VS. R.S. BUTANOL	****	***	****	*	ns	****	**	ns	****	ns	****	ns

R.J. BUTANOL VS. R. X B. ACETONE	****	****	****	****	****	*	****	****	****	ns	****	****
R.J. BUTANOL VS. R. X B. DICHLOROMETHANE	****	****	****	ns	****	****	*	ns	****	ns	****	ns
R.J. BUTANOL VS. R. X B. DIETHYL ETHER	****	****	****	*	****	ns	****	****	****	ns	****	****
R.J. BUTANOL VS. R. X B. ETHYL ACETATE	****	****	****	****	****	****	****	****	****	****	****	****
R.J. BUTANOL VS. R. X B. BUTANOL	**	****	****	****	****	****	ns	ns	****	ns	****	*
R.J. BUTANOL VS. RESVERATROL	****	****	****	****	****	****	****	****	****	****	****	****
R.J. BUTANOL VS. AMINOGUANIDINE	****	****	****	****	****	****	****	****	****	***	****	****
R.S. ACETONE VS. R.S. DICHLOROMETHANE	****	****	****	****	****	****	****	****	****	****	****	****
R.S. ACETONE VS. R.S. DIETHYL ETHER	ns	****	****	ns	ns	*	****	****	ns	ns	****	ns
R.S. ACETONE VS. R.S. ETHYL ACETATE	****	****	ns	ns	****	ns	****	****	ns	ns	*	ns
R.S. ACETONE VS. R.S. BUTANOL	****	****	****	****	****	****	ns	****	****	****	****	ns
R.S. ACETONE VS. R. X B. ACETONE	****	****	****	*	ns	ns	****	****	****	ns	****	ns
R.S. ACETONE VS. R. X B. DICHLOROMETHANE	****	****	****	****	****	****	****	****	****	****	****	*
R.S. ACETONE VS. R. X B. DIETHYL ETHER	****	****	****	****	ns	ns	****	***	****	ns	****	ns
R.S. ACETONE VS. R. X B. ETHYL ACETATE	ns	***	**	ns	ns	ns	ns	****	****	ns	****	ns

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R.S. DICHLOROMETHANE VS. R. X B. BUTANOL	****	****	****	****	****	ns	****	**	****	****	****	*
R.S. DICHLOROMETHANE VS. RESVERATROL	****	****	****	****	****	****	****	****	****	****	****	****
R.S. DICHLOROMETHANE VS. AMINOGUANIDINE	****	****	****	****	****	****	****	****	****	****	****	****
R.S. DIETHYL ETHER VS. R.S. ETHYL ACETATE	****	****	****	ns	****	****	****	****	ns	ns	****	ns
R.S. DIETHYL ETHER VS. R.S. BUTANOL	****	****	****	****	****	****	****	ns	****	****	****	ns
R.S. DIETHYL ETHER VS. R. X B. ACETONE	****	****	****	ns	ns	***	****	****	**	ns	****	ns
R.S. DIETHYL ETHER VS. R. X B. DICHLOROMETHANE	****	****	****	****	**	****	ns	ns	****	**	****	ns
R.S. DIETHYL ETHER VS. R. X B. DIETHYL ETHER	****	****	****	****	ns	ns	****	***	****	ns	****	ns
R.S. DIETHYL ETHER VS. R. X B. ETHYL ACETATE	ns	****	**	ns	**	****	****	****	****	ns	****	*
R.S. DIETHYL ETHER VS. R. X B. BUTANOL	****	****	****	****	ns	*	ns	ns	****	ns	****	ns
R.S. DIETHYL ETHER VS. RESVERATROL	****	****	****	**	****	****	****	****	****	ns	****	ns
R.S. DIETHYL ETHER VS. AMINOGUANIDINE	ns	****	****	ns	****	****	****	****	****	ns	****	ns

VS. AMINOGUANIDINE												
R. X B. DIETHYL ETHER VS. R. X B. ETHYL ACETATE	****	****	****	****	**	ns	****	****	****	*	****	ns
R. X B. DIETHYL ETHER VS. R. X B. BUTANOL	****	****	****	*	ns	****	****	****	****	ns	****	ns
R. X B. DIETHYL ETHER VS. RESVERATROL	****	****	****	****	****	****	****	****	****	**	****	ns
R. X B. DIETHYL ETHER VS. AMINOGUANIDINE	****	****	****	****	****	****	****	****	****	ns	****	ns
R. X B. ETHYL ACETATE VS. R. X B. BUTANOL	****	****	****	****	****	****	****	****	****	*	****	***
R. X B. ETHYL ACETATE VS. RESVERATROL	****	****	****	ns	****	****	****	****	**	ns	****	ns
R. X B. ETHYL ACETATE VS. AMINOGUANIDINE	ns	****	****	ns	****	****	****	****	ns	ns	ns	ns
R. X B. BUTANOL VS. RESVERATROL	****	****	****	****	****	****	****	****	****	**	****	*
R. X B. BUTANOL VS. AMINOGUANIDINE	****	****	****	****	****	****	****	****	****	ns	****	**
RESVERATROL VS. AMINOGUANIDINE	****	****	****	ns	****	ns	****	****	**	ns	****	ns